

**TRANSPORTATION
&
NATURAL RESOURCES
DEPARTMENT**

Public Works – Road & Bridge



FY 2019

WORK PLAN & GOALS

* The Annual Work Plan & Goals is a guide.
Adjustments may occur due to special needs and/or change of conditions.

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Road & Bridge Program Structure

The Road & Bridge Division will assign resources in program areas to respond and complete customer requests and to meet annual work plan objectives. Resources will be assigned to core or countywide elements at each service center to perform maintenance, or services for roadways, right-of-ways, traffic control, and customer service issues.

Roadway Maintenance Program

Roadway Elements

| | |
|---|---|
| 4105 - Roadway Reconstruction/Rehabilitation. | County Wide Element |
| 4110 - Paving (Surface Treatment). | County Wide Element |
| 4111 - Edge and Shoulder Restoration. | County Wide Element |
| 4112 - Roadway Patching & Crack Sealing. | Core Element |
| 4114 - HMAC Overlay/Alternative Paving Treatment. | Contracted Services |
| 4128 - Pedestrian Way Maintenance (Sidewalks and Trails). | County Wide Element/ Contracted Services |

Right-of-Way Maintenance Program

ROW Elements

| | |
|--|--------------|
| 4120 - Secondary Drainage Maintenance. | Core Element |
| 4121 - Drainage Structure Rehabilitation. | Core Element |
| 4125 - Mowing, Brush & Vegetation Control. | Core Element |
| 4127 - Work Order Response. | Core Element |

Traffic Control

All Traffic Engineering, sign fabrication, installation and maintenance of traffic control devices (traffic signs) including asphalt markings (striping).

Traffic Elements

| | |
|--|---------------------|
| 4305 - Sign Fabrication. | County Wide Element |
| 4115 - Sign Maintenance. | Core Element |
| 4116 - Pavement Striping/Markings. | County Wide Element |
| 4118 - Traffic Engineering & Traffic Safety. | County Wide Element |

Customer Service

All services in support to other elements and external customer requests.

Customer Service Elements

| | |
|--|---------------------|
| 8505 - Work Request & Dispatch Operations. | County Wide Element |
| 8510 - Solid Waste Management/Transfer. | County Wide Element |
| 8515 - After-hours Response (24 hr. Response). | Core Element |
| 8520 - Precinct Services. | Core Element |
| 8525 - Indigent Burial. | County Wide Element |
| 8530 - CSR Support Services. | County Wide Element |

County Wide Elements will respond to work plan and customer requests throughout the county with human resources for these elements based at a specified service center.

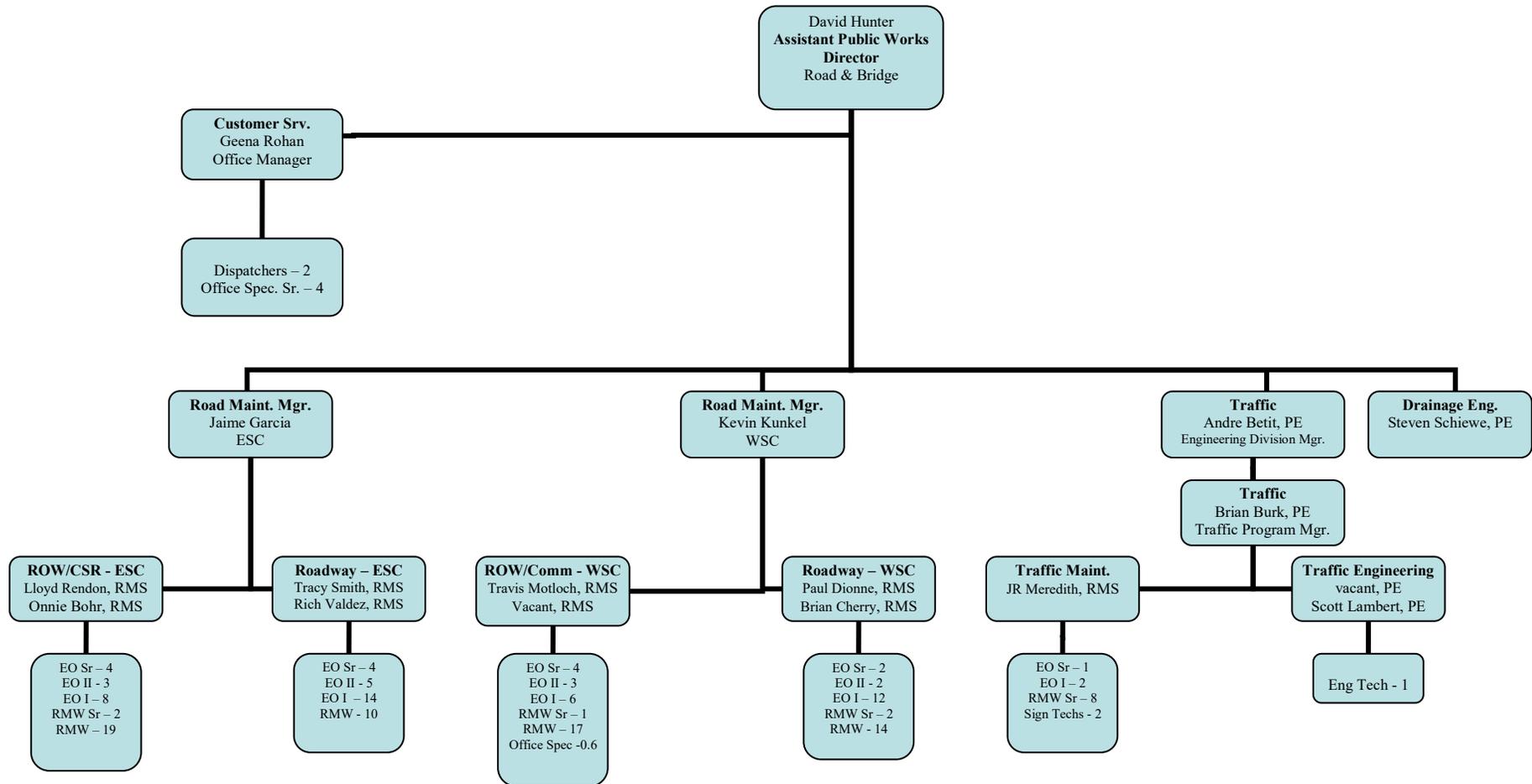
Core Elements will respond to work plan and customer requests at each service center with human resources for these elements based at each service center.

Road & Bridge Human Resource Allocation

| Program & Location Assignment | | | | | | |
|--|--|--------------------|--|--------------------|---|-----------------------------|
| | Road & Bridge East Service Area | | Road & Bridge West Service Area | | Traffic Control & Customer Service | Mgt. & Admin |
| Job Descriptions | Roadway ESC | ROW ESC | Roadway WSC | ROW WSC | All Facilities | 700 Lavaca |
| Road Maintenance Worker | 16 | 14 | 8 | 15 | 6 (Cem/CSR/Comm) | |
| Road Maintenance Worker Sr. | 1 | 1 | 1 | 1 | 10 (Cem/TC) | |
| Equipment Operator I | 14 | 8 | 12 | 6 | 2 (TC) | |
| Equipment Operator II | 5 | 3 | 2 | 3 | | |
| Equipment Operators Sr. | 4 | 4 | 2 | 4 | 1 (TC) | |
| Sign Fabricators | | | | | 2 (TC) | |
| Road Maintenance Supervisor | 2 | 2 | 2 | 2 | 1 (TC) | |
| Dispatchers | | | | | 2 (ESC) | |
| Office Specialist | | | | | 0.6 (1431) | |
| Office Specialist Sr. | | | | | 4 (All Fac) | |
| Office Manager | | | | | | 1 |
| Engineering Tech | | | | | 1 (700 Lavaca) | |
| Engineer (Traffic/Drainage) | | | | | 3 (700 Lavaca) | |
| Road Maintenance Managers | 1 | | | 1 | | |
| Traffic Program Manager | | | | | | 1 |
| Engineering Division Manager | | | | | | 1 |
| Assistant Public Works Director | | | | | | 1 |
| FY 19 Totals: | 44 | 31 | 27 | 32 | 32.6 | 4 |
| Total All Programs in Division: | | | | | | 170.6 |

Road & Bridge Assignments

The following chart indicates the Road & Bridge management and supervisory staff assignments. Road & Bridge Managers are responsible for direct management of all resources assigned to core and countywide elements in their service areas. Road & Bridge Supervisors are responsible for supervisory resources within their assigned elements.



Road & Bridge Statistics

Centerline Miles of Roadway maintained

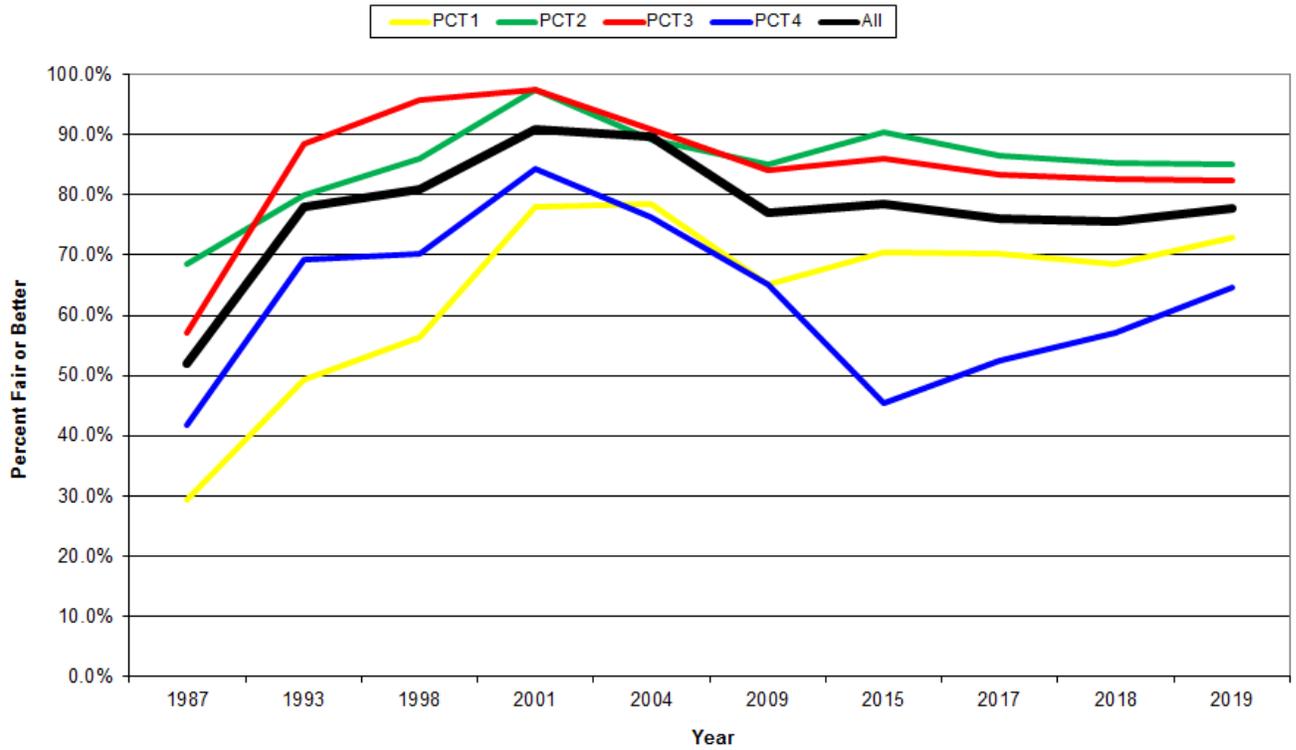
1,276.03 miles

2019 Percent “Fair or Better”

All Roads
77.7%

Arterial Roads
85.1%

Percent Fair or Better By Precinct



Performance Goals

| PROGRAMS | OUTPUT MEASURES | |
|---|-----------------|----------------------|
| ROADWAY MAINTENANCE ELEMENTS | FY18 | FY19 |
| 4105 Road Reconstruction/Rehabilitation | | |
| Spot Reconstruction..... | 0.00 miles | 0.00 miles |
| Recycle..... | 14.99 miles | 14.63 miles |
| Rehabilitation | 0.00 miles | 0.00 miles |
| Total | 14.99 miles | 14.63 miles |
| 4110 Surface Treatment | | |
| Surface Treatment (Chip Seal application) to identified projects (2015 Pavement Management Survey used to identify projects) | 14.99 miles | 14.63 miles |
| Chip Seal Rock>..... | 63.20 miles | 54.35 miles |
| Total | 78.19 miles | 69.98 miles |
| 4111 Edge Shoulder Restoration | 30.00 miles | 30.00 miles |
| 4112 Pothole Patching | 125.00 miles | 125.00 miles |
| 4113 Crack Sealing | 125.00 miles | 125.00 miles |
| 4114 Hot Mix Asphalt Concrete (HMAC) Overlay | | |
| 1-1/2" HMAC Overlay on identified roadway projects..... | 41.74 miles | 39.78 miles |
| Contract Recycling..... | 0.00 miles | 00.00 miles |
| Alternate Pavement Treatments (Rejuvenate) projects..... | 9.89 miles | 18.62 miles |
| 4128 Pedestrian Way Maintenance | | |
| Repair non-compliant sidewalk/driveway/ramp locations& install new..... | 92 each | 27 each |
| Contracted Services repair of non-compliant sidewalks/driveways/ramp locations..... | 260 each | 31 each |
| Contracted Services install/repair new sidewalk | 2,820 lf | 1,266 lt. |
| | | |
| RIGHT-OF-WAY MAINTENANCE ELEMENTS | FY18 | FY19 |
| 4120 Secondary Drainage | | |
| Drainage projects <500 man hours | 325 projects | 325 projects |
| Drainage projects >500 man hours | 5 projects | 5 projects |
| 4121 Drainage Structure Rehabilitation | | TBD |
| 4125 ROW Vegetation Control | | |
| ROW Mowing | 2700 miles | 2700 miles |
| ROW Brush Trimming (in-house)..... | 100 miles | 100 miles |
| Line-of-Sight/Safety Responses | 1,250 each | 750 each |
| ROW Brush Clearing (contracted)..... | 35 miles | 35 miles |
| ROW Herbicide application (contracted)..... | 500 miles | 500 miles |
| 4127 Work Order Response | | |
| Dead Animal Pickup | 300 responses | 300 responses |
| Litter Response | 500 responses | 500 responses |

PROGRAMS

OUTPUT MEASURES

TRAFFIC CONTROL MAINTENANCE ELEMENTS

FY18 FY19

| | | |
|--|---------------|----------------------|
| 4305 Sign Fabrication | 6500 units | 6500 units |
| 4115 Sign & Barricade Maintenance | 6500 devices | 6500 devices |
| 4116 Roadway Striping | 450 miles | 450 miles |
| 4118 Traffic Engineering | 200 responses | 200 responses |

CUSTOMER SERVICE ELEMENTS

8505 Dispatch & Program Operations

| | | |
|--|---------------|----------------------|
| Receive/Enter Work Requests | 2500 requests | 2500 requests |
| Coordinates Purchase Requisitions for road maintenance Materials | 150 requests | 150 requests |

8510 Solid Waste Management.....TBD

8515 After-hours / Disaster Response125 responses **125 responses**

8520 Precinct Services & Administrative Support

8525 International Cemetery & Wells School Road Cemetery

| | | |
|---|--------------|---------------------|
| Provide services for indigent burials (Wells School location only)..... | 180 per year | 180 per year |
| Provide maintenance for two (2) cemeteries | 102.50 acres | 102.50 acres |

8530 CSR Support Services

| | | |
|---------------------------|---------------|----------------------|
| Medians mowed..... | 75 miles | 75 miles |
| ROW litter responses..... | 350 responses | 350 responses |

SECTION 1

PUBLIC WORKS

**ROAD
&
BRIDGE**

PROGRAM 41

Transportation & Natural Resources Public Works Road & Bridge Division

Goals

In support of the division's strategic plan of providing a cost effective, efficient and safe roadway system: Maintain 70% of accepted roads in fair or better condition, as measured by third party Pavement Management (PM) condition survey.

- Maintain 75% of arterial and collector roads in fair or better condition as measured by PM condition survey.
- Manage and operate the County transportation system to accepted practices of the American Public Works Association (APWA).

Objective

To provide cost effective, efficient and safe roadways through rehabilitation, reconstruction, surface treatment, pothole patching, crack sealing and HMAC overlay to failed sections of accepted roadways; to provide preventive and reactive maintenance through the use of traffic control and pavement marking devices; to provide engineering review for traffic impact analysis studies, traffic control plans, utility cuts plans, and to respond to constituent requests regarding traffic issues in compliance with department standards.

Progress Review & Tracking

Progress review will be followed closely with end of the month and quarterly reports.

- Quarterly report dates are 1/15/19, 4/16/19, 7/16/19 and 10/15/19.
- Baselines for these projects will be scheduled and tracked utilizing HTE, MS Project, Access and Excel.

Support Staff & Their Contribution

Planning & Engineering

- Develop annual project list, respond to and recommend project and roadway design modifications and review, survey and update the Geographic Information System (GIS) database for completed projects.

Traffic Engineering

- Assure compliance with Texas Manual on Uniform Traffic Control Devices (TxMUTCD) and Texas Transportation Code.

Financial Services

- Develop materials and service contracts and process Purchase Request Form's (PRF's) and contract invoices to meet program demands.

TNR Dispatch

- Coordinate materials delivery and provide liaison with financial services for processing.

TNR Sign Shop

- Manufacture regulatory and non-regulatory signs for maintenance operations.

Identified Roadway Project Lists

All roadway projects in the final FY2019 Work Plan will be first identified from the 2015 Pavement Condition Study and updated from completed FY2016, FY2017, and FY2018 road work. Roads will be further evaluated to get grouping for proximity planning in order to minimize mobilization and hauling costs. Each project will be evaluated before final determination of final maintenance application is scheduled or performed. Some projects may be dropped or postponed and new projects may be added as needed.

4105 - Rehabilitation/Reconstruction

This element is a countywide roadway maintenance element. Resources will be available at the East Service Center to respond to projects in all service areas.

Goals:

- To complete approximately 0.00 miles of Spot Reconstruction.
(Excavate and remove failed portions to full depth and replace with new HMAC materials).
- To complete approximately **14.63 miles** of Recycle.
(Recycle existing roadway materials, profile roadway, add new base materials as required, and apply HMAC/Surface Treatment for new travel surface).

Performance Monitors and Measures:

- Strive for a 50% increase in the Overall Condition Index (OCI) on selected roadways
- Maximize available crews and equipment in order to provide the most efficient approach for increasing the Overall Condition Index (OCI) of these roadways
- Evaluate alternative methods for extending the useful life of the roadway's OCI
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other right-of-way (ROW) improvements, and comply with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.

Complete construction phases on schedule:

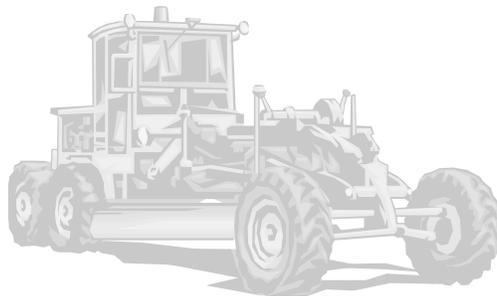
- Site Prep & Geo-Technical Assessment (Drainage Rehabilitation)
- Recycle and Sub-grade Process (Base Receipt and Process)
- Final Grade & Prime (Final Paved Surface)

Funding sources

CAR, General Fund and Road & Bridge Fund

* Staff Assignment & Time Investment:

| | | |
|---------------------|--------------------------------|------|
| Element Manager: | Jaime Garcia | 10% |
| Element Supervisor: | Tracy Smith | 90% |
| Team Leaders: | John Smith/Larry Neel | 100% |
| Team Members: | 3-EO II's, 8-EO I's, & 5-RMW's | 100% |
| Engineer: | Scott Lambert | 15% |



Spot Reconstruction

(Spot Recon - in house final surface treatment to be determined within limits specified)
None for FY19

Recycle

| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|----------------------|----------------------------|-----------------------|--------------|
| 1 | J12700 | ANN SHOWERS DR 1 | DAMITA JO DR | MARNIE DR | 0.55 |
| 1 | J12700 | ANN SHOWERS DR 2 | MARNIE DR | TRISTAN DR | 0.30 |
| 1 | J12700 | ANN SHOWERS DR 5 | SYLVIA DR | INGRID DR | 0.38 |
| 1 | J12110 | HOG EYE RD (08) | HIBBS LN | BITTING SCHOOL | 0.84 |
| 1 | J12110 | HOG EYE RD (09) | BITTING SCHOOL | INGRID DR | 0.57 |
| 1 | J12110 | HOG EYE RD (10) | INGRID DR | LUCINDA DR | 0.44 |
| 1 | J12110 | HOG EYE RD (11) | LUCINDA DR | 1102 FT E OF MORIN DR | 0.25 |
| 1 | J12906 | INGRID DR (3) | ANN SHOWERS DR | SHOWERS DR | 0.45 |
| 1 | J12906 | INGRID DR (4) | SHOWERS DR | HOG EYE RD | 0.48 |
| 1 | M12710 | MANDA CARLSON RD (2) | NEW SWEDEN CHURCH | WELLS SCHOOL RD | 0.33 |
| 1 | M12710 | MANDA CARLSON RD (3) | WELLS SCHOOL RD | SANDEEN RD | 0.99 |
| 1 | M12710 | MANDA CARLSON RD (6) | FELDER LN | PFLUGER-BERKMAN LA | 1.22 |
| 1 | M11901 | SPARKS RD | FM 973 | 15386 FT E OF FM 973 | 1.02 |
| | | | | Total Pct. 1 | 7.82 |
| 4 | F10700 | BURCH DR | HWY 71 | 2479 FT N OF HWY 71 | 0.47 |
| 4 | B08010 | CRANE RD | WRIGHT RD | TURNERSVILLE RD | 0.61 |
| 4 | E09900 | ELROY RD (08) | FAGERQUIST | JACOBSON RD | 0.36 |
| 4 | E09900 | ELROY RD (09) | JACOBSON RD | LARKDALE LN | 0.52 |
| 4 | E09900 | ELROY RD (10) | LARKDALE LN | FM 812 RD | 1.21 |
| 4 | C08800 | EVELYN RD (03) | TOM SASSMAN RD | SH 45 ROW NORTH | 0.28 |
| 4 | C08800 | EVELYN RD (03) | SH 45 ROW SOUTH | SH 45 ROW NORTH | 0.27 |
| 4 | B08000 | PALMER RD | SH45 ROW SOUTH | TURNERSVILLE RD | 0.53 |
| 4 | B08200 | TURNERSVILLE RD (3) | 1000 FT W OF PALMER RD | PALMER RD | 0.19 |
| 4 | B08200 | TURNERSVILLE RD (4) | PALMER RD | CRANE RD | 0.42 |
| 4 | B08200 | TURNERSVILLE RD (5) | CRANE RD | WRIGHT RD | 0.46 |
| 4 | B08200 | TURNERSVILLE RD (6) | WRIGHT RD | GRAEF RD | 0.45 |
| 4 | C08600 | WRIGHT RD | 585 FT S OF SH45 MAINLANES | TURNERSVILLE RD | 1.06 |
| | | | | Total Pct. 4 | 6.81 |
| | | | | TOTAL ALL PCTS | 14.63 |

* The Annual Work Goals is a budgeting guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

4110 - Surface Treatment

This element is a countywide roadway maintenance element. Resources will be available at the West Service Center to respond to projects in all service areas.

Goals:

- To complete **14.63 miles Surface Treatment** including recycle roads, spot reconstruction roads and rehabilitation roads.
- To complete **54.35 miles of Chip Seal Rock Surface Treatment**, which uses aggregate gravel rock approximately 3/16 inches or smaller.

Performance Monitors and Measures:

- Strive for a 25% increase in OCI on selected roadways
- In order to meet the goal of **69.98 miles** of surface treatment, we will contract out the flagging operations in order to maximize efficiency of the work crews.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.
- Human resources assigned are measured for performance achievement on attainment of established schedules for phased completions and adherence to overall established schedules.

Complete construction phases on schedule:

- Prepare roads for Surface Treatment applications.
- Surface treatment for all project mileages.

Funding sources

CAR, General Fund and Road & Bridge Fund

* Staff Assignment & Time Investment:

| | | |
|---------------------|-----------------------------------|------|
| Element Manager: | Kevin Kunkel | 15% |
| Element Supervisor: | Paul Dionne | 90% |
| Team Leaders: | Jayson Collins/Antonio Moreno | 100% |
| Team Members: | 2-EO II's, 12 – EO I's, & 2-RMW's | 100% |
| Engineer: | Scott Lambert | 15% |



Surface Treatment Double Course***

| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|----------------------|----------------------------|------------------------|--------------|
| 1 | J12700 | ANN SHOWERS DR 1 | DAMITA JO DR | MARNIE DR | 0.55 |
| 1 | J12700 | ANN SHOWERS DR 2 | MARNIE DR | TRISTAN DR | 0.30 |
| 1 | J12700 | ANN SHOWERS DR 5 | SYLVIA DR | INGRID DR | 0.38 |
| 1 | J12110 | HOG EYE RD (08) | HIBBS LN | BITTING SCHOOL | 0.84 |
| 1 | J12110 | HOG EYE RD (09) | BITTING SCHOOL | INGRID DR | 0.57 |
| 1 | J12110 | HOG EYE RD (10) | INGRID DR | LUCINDA DR | 0.44 |
| 1 | J12110 | HOG EYE RD (11) | LUCINDA DR | 1102 FT E OF MORIN DR | 0.25 |
| 1 | J12906 | INGRID DR (3) | ANN SHOWERS DR | SHOWERS DR | 0.45 |
| 1 | J12906 | INGRID DR (4) | SHOWERS DR | HOG EYE RD | 0.48 |
| 1 | M12710 | MANDA CARLSON RD (2) | NEW SWEDEN CHURCH | WELLS SCHOOL RD | 0.33 |
| 1 | M12710 | MANDA CARLSON RD (3) | WELLS SCHOOL RD | SANDEEN RD | 0.99 |
| 1 | M12710 | MANDA CARLSON RD (6) | FELDER LN | PFLUGER-BERKMAN LA | 1.22 |
| 1 | M11901 | SPARKS RD | FM 973 | 15386 FT E OF FM 973 | 1.02 |
| | | | | Total Pct. 1 | 7.82 |
| 4 | F10700 | BURCH DR | HWY 71 | 2479 FT N OF HWY 71 | 0.47 |
| 4 | B08010 | CRANE RD | WRIGHT RD | TURNERSVILLE RD | 0.61 |
| 4 | E09900 | ELROY RD (08) | FAGERQUIST | JACOBSON RD | 0.36 |
| 4 | E09900 | ELROY RD (09) | JACOBSON RD | LARKDALE LN | 0.52 |
| 4 | E09900 | ELROY RD (10) | LARKDALE LN | FM 812 RD | 1.21 |
| 4 | C08800 | EVELYN RD (03) | TOM SASSMAN RD | SH 45 ROW NORTH | 0.28 |
| 4 | C08800 | EVELYN RD (03) | SH 45 ROW SOUTH | SH 45 ROW NORTH | 0.27 |
| 4 | B08000 | PALMER RD | SH45 ROW SOUTH | TURNERSVILLE RD | 0.53 |
| 4 | B08200 | TURNERSVILLE RD (3) | 1000 FT W OF PALMER RD | PALMER RD | 0.19 |
| 4 | B08200 | TURNERSVILLE RD (4) | PALMER RD | CRANE RD | 0.42 |
| 4 | B08200 | TURNERSVILLE RD (5) | CRANE RD | WRIGHT RD | 0.46 |
| 4 | B08200 | TURNERSVILLE RD (6) | WRIGHT RD | GRAEF RD | 0.45 |
| 4 | C08600 | WRIGHT RD | 585 FT S OF SH45 MAINLANES | TURNERSVILLE RD | 1.06 |
| | | | | Total Pct. 4 | 6.81 |
| | | | | TOTAL ALL PCTS. | 14.63 |

*** = to be started after Recycle work is completed.

* The Annual Work Goals is a budgeting guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

Chip Seal Rock*

| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-----------------------|--------------------|---------------------------------|-------|
| 3 | E05200 | APPALOOSA RUN | FM 1826 RD | INDIAN SMT | 0.28 |
| 3 | E05200 | APPALOOSA RUN | JESS DR | END | 0.18 |
| 3 | E05200 | APPALOOSA RUN | INDIAN SMT | JESS DR | 0.36 |
| 3 | K06115 | AQUA AZUL CT | LISA DR | CUL-DE-SAC | 0.06 |
| 3 | K06112 | AQUA VERDE CT | LISA DR | 324 FT W OF LISA DR | 0.06 |
| 3 | K06621 | ASPEN DR | EL VIEJO CAMINO | CASTLE RD | 0.17 |
| 3 | K06500 | AWELL CV | COMMONS FORD RD | CUL-DE-SAC NORTH | 0.09 |
| 3 | K06213 | BAHAMA RD | MECCA DR | YOSEMITE DR | 0.62 |
| 3 | K06205 | BAL HARBOR RD | NIAGARA DR | MECCA DR | 0.23 |
| 3 | K06219 | BALBOA RD | SAN JUAN DR | BAHAMA RD | 0.42 |
| 3 | K06806 | BARRETT LN | SUMNER CT | END | 0.39 |
| 3 | J02903 | BELL SPRINGS RD | HAMILTON POOL RD | TRAVIS-HAYS CO | 0.18 |
| 3 | K06501 | BIRDLIP CIR | COMMONS FORD RD | CUL-DE-SAC NORTH | 0.08 |
| 3 | K06709 | BOWIE RD | WINCHESTERRACE | DEAD-END N OF MAYAN WAY | 0.28 |
| 3 | L05115 | BRANDING IRON PASS | COLT DR | CRAZYHORSE PASS | 0.43 |
| 3 | L05300 | BRASS BUTTONS TRL | RED FEATHER TRL | CHISHOLM TRL | 0.61 |
| 3 | M05630 | BROKEN BOW TRL | GENERAL WILLIAMSON | NOCONA TRL | 0.36 |
| 3 | K06232 | CANYON EDGE DR | PRESA ABAJO DR | DELGADO WAY | 0.33 |
| 3 | K06704 | CARACAS DR | OLYMPUS DR | BOWIE | 0.21 |
| 3 | K06119 | CARLOTTA CV | CARLOTTA LN | 370 FT W OF CARLOTTA LN | 0.07 |
| 3 | K06113 | CARLOTTA LN | LISA DR | CLIFFORD DR | 0.77 |
| 3 | K06223 | CASA GRANDE DR | CUERNAVACA DR | SARATOGA DR | 0.36 |
| 3 | K06105 | CASTILE RD | VILLAGE WEST DR | ASPEN DR | 0.35 |
| 3 | K06618 | CERRO ALTO CV | VALLEY VIEW DR | CUL-DE-SAC | 0.13 |
| 3 | L05202 | CHISHOLM TRL | RED FEATHER TRL | BRASS BUTTONS | 0.48 |
| 3 | K06106 | CLIFFWOOD DR | LISA DR | END | 0.22 |
| 3 | M05809 | CLOUDY RIDGE RD | FM 620 | CUL-DE-SAC | 0.60 |
| 3 | K06224 | COCHISE TRL | CASA GRANDE TRL | SARATOGA DR | 0.09 |
| 3 | L05116 | COLT DR | PIMA TRL | BRANDING IRON PASS | 0.26 |
| 3 | K06004 | COMMONS FORD RD | BRUTON SPGS | CUERNAVACA DR | 1.76 |
| 3 | L05102 | CRAZYHORSE PASS | RUNNING DEER TRL | RUNNING DEER TRL | 0.26 |
| 3 | L05102 | CRAZYHORSE PASS | RUNNING DEER TRL | 921 FT N OF RUNNING DEER TRL | 0.17 |
| 3 | L05102 | CRAZYHORSE PASS | WHITE BEAD TRL | RUNNING DEER TRL | 0.20 |
| 3 | H03105 | CREEK CROSSING CV | WEST CAVE LP | CUL-DE-SAC | 0.12 |
| 3 | K06110 | DAYTONA DR | MIAMI DR | ORLANDO DR | 0.12 |
| 3 | K06212 | DE SOTO DR | BAHAMA RD | SAN JUAN DR | 0.31 |
| 3 | K06212 | DE SOTO DR | SAN JUAN DR | RIVIERA RD | 0.39 |
| 3 | K06220 | DE VACA DR | DE SOTO DR | SAN JUAN DR | 0.05 |
| 3 | K06214 | DEL RIO DR | BAHAMA RD | SARATOGA DR | 0.20 |
| 3 | K06231 | DELGADO WAY | CANYON EDGE WAY | CUERNAVACA RD | 0.10 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-----------------------|-------------------------|--------------------------|-------|
| 3 | J04501 | DESTINY COVE | HAMILTON POOL RD | DESTINY COVE | 0.17 |
| 3 | J04500 | DESTINY HILLS DR | DESTINY HILLS DR | CUL-DE-SAC (WEST) | 0.66 |
| 3 | K06103 | DEVEREUX DR | VALLEY VIEW DR | LISA DR | 0.12 |
| 3 | K06612 | EAGLE LOOKOUT DR | FALCON RIDGE DR | WILDFLOWER LN | 0.14 |
| 3 | K06202 | EDGEWATER DR | NIAGRA DR | 1447 FT W OF MECCA RD | 0.52 |
| 3 | K06202 | EDGEWATER DR | 1447 FT W OF MECCA RD | 2115 FT W OF MECCA DR | 0.13 |
| 3 | K06609 | EL VIEJO CAMINO | CUERNAVACA DR | VILLAGE WEST DR | 0.41 |
| 3 | K06805 | ELDER CIR | BARRETT LN | BARRETT LN | 0.70 |
| 3 | K06804 | EXTON CV | ELDER CIR | 278 FT N OF ELDER CIR | 0.05 |
| 3 | K06607 | FALCON RIDGE DR | LAURELWOOD DR | LISA DR | 0.17 |
| 3 | M05808 | FALLEN TIMBER DR | CLOUDY RIDGE RD | CUL-DE-SAC | 0.11 |
| 3 | K06120 | FOGGY GLEN CV | CLIFFWOOD DR | CUL-DE-SAC | 0.07 |
| 3 | L05005 | FOY DR | RED FOX DR | SHARPS RD | 0.25 |
| 3 | K06117 | FRIO CV | CARLOTTA CV | CUL-DE-SAC | 0.03 |
| 3 | M05600 | GENERAL WILLIAMSON DR | GERONIMO TRL | BROKEN BOW TRL | 0.26 |
| 3 | M05600 | GENERAL WILLIAMSON DR | BROKEN BOW TRL | FM 620 RD | 0.78 |
| 3 | L05200 | GERONIMO TRL | RUNNING DEER TRL | GENERAL WILLIAM | 0.65 |
| 3 | L05200 | GERONIMO TRL | BIG HORN DR | RUNNING DEER TRL | 0.16 |
| 3 | L05224 | GILA PASS | RUNNING DEER TRL | END | 0.10 |
| 3 | J03500 | HIGH PLAINS DR | TRAV-HAYS CO | HAMILTON POOL RD | 0.10 |
| 3 | H03106 | HILL COUNTRY SKYLINE | WEST CAVE LOOP | WEST CAVE LOOP | 0.61 |
| 3 | G05505 | HILLSIDE DR | CIRCLE DR | END | 0.37 |
| 3 | G05506 | HILLSIDE NORTH | CUL-DE-SAC | HILLSIDE DR | 0.24 |
| 3 | H03101 | HORSESHOE DR | TRAVIS-HAYS CO | CUL-DE-SAC | 0.13 |
| 3 | L05220 | HUNTERS PASS | RUNNING DEER TRL | END OF PAVEMENT | 0.16 |
| 3 | L05220 | HUNTERS PASS | RUNNING DEER TRL | BIG HORN DR | 0.95 |
| 3 | K06207 | INCA LN | RIVIERA RD | VALLARTA LN | 0.14 |
| 3 | L05218 | INDIAN CREEK RD | RUNNING DEER TRL | NOCONA TRL | 0.53 |
| 3 | E05201 | INDIAN SMT | END | APPALOOSA RUN | 0.20 |
| 3 | L05212 | JACKS PASS | RUNNING DEER TRL | RUNNING DEER TRL | 0.24 |
| 3 | K06127 | JENNYS JUMP DR | 646 FT S OF CHRISSYS CV | CUL-DE-SAC SOUTH | 0.32 |
| 3 | F05602 | JESS DR | CUL-DE-SAC | APPALOOSA RUN | 0.35 |
| 3 | K06210 | LA JOLLA DR | RIVIERA RD | VALLARTA LN | 0.14 |
| 3 | K06603 | LAKE HILLS DR | LAKE RIDGE DR | MOUNTAIN OAKS DR | 0.42 |
| 3 | K06602 | LAKE RIDGE DR | CUERNAVACA DR | LISA DR | 0.48 |
| 3 | L05103 | LANCE RD | RED FOX RD | THUNDERHEAD RD | 0.05 |
| 3 | K06102 | LANCER LN | VILLAGE WEST DR | SARACTR | 0.24 |
| 3 | K06122 | LAURANNE LN | CARLOTTA LN | 1002 FT N OF CARLOTTA LN | 0.19 |
| 3 | K06606 | LAURELWOOD DR | MOUNTAIN OAKS | WILDFLOWER LN | 0.34 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|----------------------|----------------------|--------------------|-------|
| 3 | H03209 | LINKHILL DR | LONGHORN SKYWAY | SLY FOX DR | 0.43 |
| 3 | H03211 | LINKVIEW DR | CIRRUS DR | LINKWOOD DR | 0.38 |
| 3 | H03208 | LINKWOOD DR | LINKHILL DR | STRATUS DR | 0.12 |
| 3 | K06108 | LIPAN TRL | CUERNAVACA DR | VILLAGE WEST DR | 0.36 |
| 3 | K06108 | LIPAN TRL | VILLAGE WEST DR | END | 0.32 |
| 3 | K06225 | LIPANES TRL | CASA GRANDE DR | SARATOGA DR | 0.09 |
| 3 | K06107 | LISA DR | LAKE RIDGE DR | END | 0.29 |
| 3 | K06107 | LISA DR | LAKE RIDGE DR | SKI SLOPE DR | 0.75 |
| 3 | L05211 | LONG BOW TRL | RED FEATHER TRL | CUL-DE-SAC | 0.27 |
| 3 | H03200 | LONGHORN SKWAY | HAMILTON POOL RD | END | 1.02 |
| 3 | J06305 | LOWELL LN | 2048 FT N OF FM 2244 | CUL-DE-SAC | 0.39 |
| 3 | K06216 | MAGELLAN DR | SAN LUIS TRL | SARATOGA DR | 0.09 |
| 3 | K06706 | MAYAN WAY | BOWIE RD | OGDEN | 0.24 |
| 3 | K06201 | MECCA RD | CUERNAVACA DR | EDGEWATER DR | 0.87 |
| 3 | K06217 | MESTENA TRL | SARATOGA DR | BAHAMA RD | 0.05 |
| 3 | K06217 | MESTENA TRL | END | SARATOGA DR | 0.04 |
| 3 | K06101 | MIAMI DR | ORLANDO DR | DAYTONA DR | 0.13 |
| 3 | K06101 | MIAMI DR | VILLAGE WEST DR | END | 0.35 |
| 3 | F05704 | MIDMORNING DR | ZYLE RD | END | 0.08 |
| 3 | F05702 | MORNINGHILL DR | ZYLE RD | END | 0.08 |
| 3 | F05701 | MORNINGSTAR CIR | CUL-DE-SAC | ZYLE RD | 0.08 |
| 3 | F05703 | MORNINGSUN DR | ZYLE RD | END | 0.05 |
| 3 | K06604 | MOUNTAIN OAKS DR | LAKE HILLS DR | LAURELWOOD DR | 0.10 |
| 3 | K06204 | NIAGARA DR | RIVIERA RD | EDGEWATER DR | 0.24 |
| 3 | L05215 | NOCONA TRL | INDIAN CREEK RD | BROKEN BOW TRL | 0.06 |
| 3 | K06300 | OESTRICK LN | CUERNAVACA DR | CUL-DE-SAC | 0.46 |
| 3 | K06708 | OGDEN DR | END | OLYMPUS | 0.12 |
| 3 | K06702 | OLYMPUS DR | END | PRESA ABAJO | 0.57 |
| 3 | K06111 | ORLANDO RD | SAN AUGUSTINE DR | VILLAGE WEST DR | 0.25 |
| 3 | K06707 | OTTAWA ST | OGDEN DR | DEAD-END SOUTH | 0.19 |
| 3 | K06215 | PALOMINO DR | SAN LUIS TRL | SARATOGA DR | 0.10 |
| 3 | H03103 | PEERMAN LN | HAMILTON POOL RD | SADDLE HORN DR | 0.14 |
| 3 | H03214 | POINTS EAST RDG | COMPASS CIR | CUL-DE-SAC | 0.03 |
| 3 | K06235 | PRESA ABAJO DR | END | CANYON EDGE DR | 0.09 |
| 3 | K06104 | PRESA ARRIBA RD | ASPEN DR | VILLAGE WEST DR | 0.20 |
| 3 | L05113 | QUANAH PARKER TRL | RUNNING DEER TRL | INDIAN CREEK RD | 0.56 |
| 3 | L05204 | RED FEATHER TRL | BRASS BUTTONS TRL | CHISHOLM TRL | 0.06 |
| 3 | L05600 | RED FOX RD (1) | FOY DR | DEBBA DR | 0.13 |
| 3 | L05600 | RED FOX RD (2) | DEBBA DR | BLUE JAY PT | 0.56 |
| 3 | L05600 | RED FOX RD (3) | BLUE JAY PT | RUNNING DEER TRL | 0.56 |
| 3 | L05600 | RED FOX RD (4) | RUNNING DEER TRL | HUNTERS PASS | 0.25 |
| 3 | L05114 | REMMINGTON RD | DEBBA DR | BRANDING IRON PASS | 0.22 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|---------------------|---------------------|---|-------|
| 3 | K06206 | RIVIERA RD | MECCA RD | BAL HBR | 0.26 |
| 3 | L05110 | RUNNING DEER TRL | RAIN WATER DR | LONG BOW TRL | 1.12 |
| 3 | L05110 | RUNNING DEER TRL | DEBBA DR | INDIAN CREEK RD | 0.46 |
| 3 | L05110 | RUNNING DEER TRL | INDIAN CREEK RD | RAIN WATER DR | 0.47 |
| 3 | H03002 | SADDLEHORN DR | TRAVIS-HAYS CO | TRAVIS-HAYS CO | 1.05 |
| 3 | K06109 | SAN AUGUSTINE DR | CUERNAVACA DR | CASTILE RD | 0.28 |
| 3 | K06211 | SAN JUAN DR | CASA GRANDE DR | DE SOTO DR | 0.66 |
| 3 | K06211 | SAN JUAN DR | VILLIAGE WEST DR | SARACEN RD | 0.16 |
| 3 | K06209 | SAN LUIS TRL | MECCA RD | SARATOGA DR | 0.30 |
| 3 | K06227 | SARACEN RD | MIAMI RD | CUERNAVACA RD | 0.26 |
| 3 | K06200 | SARATOGA DR | MECCA RD | VALLARTA LN | 0.97 |
| 3 | K06222 | SAUGUS LN | MECCA RD | 400' E of SAN JUAN DR | 0.22 |
| 3 | F05605 | SHARL CV | FM 1826 RD | CUL-DE-SAC | 0.12 |
| 3 | L05111 | SHARPS RD | FOY DR | CUL-DE-SAC | 0.26 |
| 3 | L05119 | SHAWNEE CIR | THUNDERHEAD RD | DEAD END (SOUTH) | 0.08 |
| 3 | H03108 | SHEPHERDS CORRAL | 130' N WEST CAVE LP | WEST CAVE LP (NORTH INTER) | 0.45 |
| 3 | H03108 | SHEPHERDS CORRAL | 130' N WEST CAVE LP | WEST CAVE LP (SOUTH INTER) | 0.02 |
| 3 | L05120 | SILVER CIR | RUNNING DEER TRL | DEAD END (SOUTH) | 0.05 |
| 3 | K06100 | SKI SLOPE DR | CLIFFWOOD DR | END | 0.22 |
| 3 | K06613 | SOUTHWARD CV | CUERNAVACA DR | 464 FT E OF CUERNAVACA DR | 0.09 |
| 3 | K06114 | SPOTTED FAWN CIR | CARLOTTA LN | 335 FT W OF CARLOTTA LN | 0.06 |
| 3 | K06622 | STALLION DR | TUMBLEWEED TRL | 862 FT E OF TUMBLEWEED TRL | 0.16 |
| 3 | H03003 | STIRRUP DR | WINCHESTERRACE | TRAVIS-HAYS CO | 0.05 |
| 3 | J06304 | SUMNER CT | RIVER HILLS RD | 452 FT E OF RIVER HILLS RD | 0.09 |
| 3 | H03111 | SURVEYORS CRSG | WEST CAVE LOOP | WEST CAVE LOOP | 0.20 |
| 3 | K06800 | TAYLOR RD | RIVER HILLS RD | DEAD-END WEST | 0.37 |
| 3 | H03104 | THE ENTRANCE RD | WEST CAVE LP | FM 12 RD | 0.13 |
| 3 | L05219 | THUNDERHEAD RD | PIMA TRL | RUNNING DEER TRL 309 FT W OF BOWIE RD | 0.45 |
| 3 | K06705 | TIBER CIR | BOWIE RD | | 0.06 |
| 3 | K06610 | TIMBER RIDGE CV | TIMBER RIDGE PA | CUL-DE-SAC | 0.04 |
| 3 | K06611 | TIMBER RIDGE PASS | CUERNAVACA DR | CUERNAVACA DR | 0.40 |
| 3 | K06233 | TONTO LN | CASAGRANDE DR | SARATOGA DR | 0.09 |
| 3 | F05600 | TRAILMASTER DR | APPALOOSA RUN | END | 0.14 |
| 3 | K06620 | TUMBLEWEED TRL | CUERNAVACA DR | COMMONS FORD RD | 0.37 |
| 3 | K06620 | TUMBLEWEED TRL | STALLION DR | DEAD END | 0.53 |
| 3 | K06620 | TUMBLEWEED TRL | CUERNAVACA DR | STALLION DR | 0.35 |
| 3 | H03102 | TWIN SADDLES | SADDLEHORN DR | CUL-DE-SAC | 0.15 |
| 3 | K06807 | TYNDALE CV | BARRETT LN | 655 FT E OF BARRETT LN | 0.12 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-----------------|---------------------|----------------------------|--------------|
| 3 | K06208 | VALLARTA LN | SAN LUIS TRL | LA JOLLA DR | 0.24 |
| 3 | K06208 | VALLARTA LN | INCA LN | LA JOLLA DR | 0.05 |
| 3 | K06608 | VALLEY VIEW DR | LAKE RIDGE DR | EL VIEJO CAMINO | 0.25 |
| 3 | K06118 | VENITA CV | CARLOTTA LN | CUL-DE-SAC | 0.04 |
| 3 | K06601 | VILLAGE WEST DR | EL VIEJO CAMINO | CUERNAVACA DR | 0.51 |
| 3 | K06121 | VISTA DEL SOL | LAURANNE LN | CUL-DE-SAC | 0.03 |
| 3 | H03107 | WEST CAVE CRSG | WEST CAVE LP | WEST CAVE BLVD | 0.18 |
| 3 | H03107 | WEST CAVE LP | 625' S HILL COUNTRY | 80' N SHEPHERD COR | 1.76 |
| 3 | H03107 | WEST CAVE LP | WEST CAVE LP | 594' NW OF WEST CAVE CRSG | 0.11 |
| 3 | H03107 | WEST CAVE LP | 625' S HILL COUNTRY | 633' NE OF WEST CAVE CRSG | 0.12 |
| 3 | K06614 | WESTWARD CV | TIMBER RIDGE PA | CUL-DE-SAC | 0.04 |
| 3 | K06615 | WESTWARD DR | CUERNAVACA DR | TIMBERRIDGE PAS | 0.10 |
| 3 | L05117 | WESTWARD HO TRL | RUNNING DEER TRL | RUNNING DEER TRL | 0.39 |
| 3 | L05221 | WHITE DOVE PASS | RUNNING DEER TRL | RAIN WATERRACE | 0.30 |
| 3 | L05221 | WHITE DOVE PASS | RUNNING DEER TRL | HUNTERS PASS | 0.05 |
| 3 | L05216 | WHITEBEAD TRL | RUNNING DEER TRL | CRAZYHORSE PASS | 0.25 |
| 3 | K06605 | WILDFLOWER LN | LAKE HILLS DR | LISA DR | 0.28 |
| 3 | H03001 | WINCHESTER DR | TRAVIS-HAYS CO | TRAVIS-HAYS CO | 0.42 |
| 3 | K06703 | WINCHESTER RD | BOWIE | OLYMPUS | 0.22 |
| 3 | M05810 | WINDY HARBOR DR | CLOUDY RIDGE DR | CUL-DE-SAC | 0.27 |
| 3 | K06619 | WOODLAKE CIR | COMMONS FRD | CUL-DE-SAC | 0.06 |
| 3 | K06617 | WOODLAKE CV | TUMBLEWEED TRL | 362 FT W OF TUMBLEWEED TRL | 0.07 |
| 3 | K06616 | WOODLAKE TRL | LAKE HILLS DR | DEAD-END EAST | 0.04 |
| 3 | K06218 | YOSEMITE DR | BALBOA RD | DE SOTO DR | 0.17 |
| 3 | K06221 | ZION WAY | SAN JUAN DR | MECCA RD | 0.14 |
| 3 | F05700 | ZYLE LN | ZYLE RD | CUL-DE-SAC | 0.09 |
| 3 | F05800 | ZYLE RD | FM1626 | DEAD END-WEST | 1.51 |
| | | | | Total Pct. 3 | 54.35 |
| | | | | TOTAL ALL PCTS. | 54.35 |

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4111 – Edge and Shoulder Restoration

This element will function as a county wide element. Resources will be available at the East Service Center to respond to projects in all service areas.

Goals:

- To complete approximately **30 miles** on accepted roads.

Performance Monitors and Measures:

- Emphasis will be on roadways paved in the 2019 Work Plan. Some roadways require extensive levelling in order to smooth out undulations. Work will concentrate on areas where excessive drop-offs occur.
- The program will reduce the risk and liability incurred by Travis County by reducing the probability of single vehicle rollover accidents, which are common when vehicles accidentally leave the road where the roadway drops off more than 4 inches. It is not uncommon for the driver to overcorrect when their right wheels drop off the paved surface and want to come back on the roadway, thus causing a vehicle to possibly lose control and roll over.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.
- Human resources assigned are measured for performance achievement on attainment of established schedules for phased completions. Adherence to established schedules.

Transfer

Complete maintenance applications on schedule:

Restore 30 miles:

- East Region target – **20 miles**
- West Region target – **10 miles**

Funding sources

CAR, General Fund and Road & Bridge Fund

* Staff Assignment & Time Investment:

| | | |
|---------------------|------------------------------|------|
| Element Manager: | Jaime Garcia | 10% |
| Element Supervisor: | Rich Valdez | 45% |
| Team Leader: | David Reyes | 100% |
| Team Members: | 1-EO II, 3-EO I's, & 3-RMW's | 100% |



4112/4113 - Patching / Crack Seal

This element will function as a core element. Resources will be available at each service center to respond to projects in the service area.

Goals:

- To complete patch operations on **125 miles** on accepted roadways.
- To complete crack sealing operations on **125 miles** on accepted roadways
- Crack seal parks and facility projects as requested and funded.
- Patch parks and facility projects as requested and funded.

Performance Monitors and Measures:

- Crack sealing of roads will concentrate on prepping for the 2019 roadways to be paved and responding to constituent requests with the objective of improving driving/biking travel surface.
- Patching of roadways will concentrate on citizen requests as needed.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.
- Human resources assigned are measured for performance achievement on attainment of established response times for external work request and proactive response schedules.

Complete maintenance applications on schedule:

Patch 125 miles:

- East Region target – 65 miles
- West Region target – 60 miles

Crack Seal 125 miles:

- East Region target – 75 miles
- West Region target – 50 miles

Projects are identified based on need and will change as conditions warrant and new projects are identified.

Minimum Response Times:

- East Region **8 days**
- West Region **6 days**

Funding sources

General Fund and Road & Bridge Fund

* Staff Assignment & Time Investment:

| | | |
|---------------------|--------------------------|------|
| Element Manager: | Kevin Kunkel | 10% |
| Element Supervisor: | Brian Cherry | 90% |
| Team Leaders: | Woodrow Washington, East | 100% |
| | Adrian Smith, West | 100% |
| Team Members: | 12 - RMW's | 100% |
| Engineer: | Scott Lambert | 5% |



4114 – HMAC Overlay/Alternative Paving Treatments

This element is a countywide roadway maintenance element. Most work completed within this element will be administered through contracted services. The Division Director and/or Division Manager will coordinate with financial services and the purchasing office to administer contracts.

Goals:

- To complete approximately **39.78 miles** of 1 ½" Overlays.
- To complete cul-de-sacs with Type F mix
- To complete **18.62** of Alternative Paving- Asphalt Rejuvenation
- To complete selected Parks and Facility Projects subject to funding.

Performance Monitors and Measures:

- Strive for a 40% increase in OCI on selected roadways after application of asphaltic overlay.
- Asphaltic rejuvenation is applied on roadways in good condition, but extends the life of the road by an additional 5-10 years before further maintenance is needed.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.
- Adherence to established schedules.

Funding:

- The anticipated funding for overlays and rejuvenation two programs come from CAR or CO funds
- Request for funding will be equivalent to the estimated cost for the above project mileages.

Funding sources

CAR or CO's

Staff Assignment & Time Investment:

Engineer: Scott Lambert 30%



1 1/2" OVERLAY*

| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-----------------------|-------------------------------|-------------------------------|--------------|
| 1 | J12700 | ANN SHOWERS DR 1 | DAMITA JO DR | MARNIE DR | 0.55 |
| 1 | J12700 | ANN SHOWERS DR 2 | MARNIE DR | TRISTAN DR | 0.30 |
| 1 | J12700 | ANN SHOWERS DR 5 | SYLVIA DR | INGRID DR | 0.38 |
| 1 | L09910 | CAMERON RD (7) | PECAN ST E | FUCHS GROVE RD | 2.22 |
| 1 | L09910 | CAMERON RD (8) | FUCHS GROVE RD | SCHMIDT LN | 0.53 |
| 1 | L11000 | FUCHS GROVE RD | GREGG MANOR RD | RECTOR LP | 0.58 |
| 1 | L11000 | FUCHS GROVE RD | RECTOR LP | GREGG LN | 1.05 |
| 1 | K11807 | GREAT VALLEY DR | BRIARCREEK LOOP | BRIARCREEK LOOP | 0.27 |
| 1 | G10500 | GREEN GROVE DR | FM 973 RD | GREEN PASTURE DR | 0.26 |
| 1 | G10502 | GREEN LEAF DR | 144 FT W OF GREEN PASTURES DR | GREEN PASTURES DR | 0.03 |
| 1 | G10502 | GREEN LEAF DR | GREEN PASTURES DR | 222 FT E OF GREEN PASTURES DR | 0.04 |
| 1 | G10502 | GREEN LEAF DR | 222 FT E OF GREEN PASTURES DR | CUL-DE-SAC | 0.002 |
| 1 | G10501 | GREEN PASTURES DR (1) | 65 FT S OF GREEN GROVE DR | GREEN GROVE DR | 0.01 |
| 1 | G10501 | GREEN PASTURES DR (2) | GREEN GROVE DR | GREEN LEAF DR | 0.07 |
| 1 | J12110 | HOG EYE RD (08) | HIBBS LN | BITTING SCHOOL | 0.84 |
| 1 | J12110 | HOG EYE RD (09) | BITTING SCHOOL | INGRID DR | 0.57 |
| 1 | J12110 | HOG EYE RD (10) | INGRID DR | LUCINDA DR | 0.44 |
| 1 | J12110 | HOG EYE RD (11) | LUCINDA DR | 1102 FT E OF MORIN DR | 0.25 |
| 1 | M10701 | HOWARD LN (4) | 700 FT W OF GREGG LN | GREGG LN | 0.13 |
| 1 | J12906 | INGRID DR (3) | ANN SHOWERS DR | SHOWERS DR | 0.45 |
| 1 | J12906 | INGRID DR (4) | SHOWERS DR | HOG EYE RD | 0.48 |
| 1 | K12000 | LITTIG RD | A & NW RR | JONES RD | 0.73 |
| 1 | K12000 | LITTIG RD | JONES RD | BALLERSTEDT RD | 0.84 |
| 1 | K12000 | LITTIG RD | BALLERSTEDT | EDWARD ST | 1.33 |
| 1 | M12710 | MANDA CARLSON RD (2) | NEW SWEDEN CHURCH | WELLS SCHOOL RD | 0.33 |
| 1 | M12710 | MANDA CARLSON RD (3) | WELLS SCHOOL RD | SANDEEN RD | 0.99 |
| 1 | M12710 | MANDA CARLSON RD (6) | FELDER LN | PFLUGER-BERKMAN LA | 1.22 |
| 1 | M11901 | SPARKS RD | FM 973 | 15386 FT E OF FM 973 | 1.02 |
| | | | | Total Pct. 1 | 15.91 |
| 2 | M10701 | HOWARD LN (4) EB | GREGG LN | 187 FT W OF HARRIS BRANCH | 0.59 |
| 2 | M10701 | HOWARD LN (4) WB | GREGG LN | 187 FT W OF HARRIS BRANCH | 0.59 |
| 2 | M06512 | MARSHALL FORD RD | FM 620 | FM 620 | 0.49 |
| | | | | Total Pct. 2 | 1.66 |
| 3 | M04904 | CHIPMUNK RD CDS | 1530 FT S OF HURST CREEK RD | CUL-DE-SAC | 0.002 |
| 3 | M04900 | HURST HOLLOW | HURST CREEK RD | END | 0.002 |
| 3 | O04300 | LOHMAN FORD RD (1) | 2458 FT S OF BOGGY FORD | SYLVESTER FORD RD | 0.78 |
| 3 | O04300 | LOHMAN FORD RD (2) | SYLVESTER FORD RD | THURMAN RD | 0.46 |
| 3 | O04300 | LOHMAN FORD RD (3) | THURMAN RD | OSPREY RIDGE LOOP | 0.69 |
| 3 | O04300 | LOHMAN FORD RD (4) | OSPREY RIDGE LOOP | 200 FT N OF VENTURE DR | 1.15 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-----------------------------|---------------------------------|-----------------------------|--------------|
| 3 | L05120 | SILVER CIR | RUNNING DEER TRL | DEAD END (SOUTH) | 0.002 |
| 3 | N07800 | SPICEWOOD SPRINGS RD | YUCCA MTN RD | WHITECLIFF DR (NORTH INTER) | 0.38 |
| 3 | N07800 | SPICEWOOD SPRINGS RD | WHITECLIFF DR (NORTH INTER) | 813' SOUTH OF YAUPON DR | 0.63 |
| 3 | N07800 | SPICEWOOD SPRINGS RD (1) | 400 FT E OF OLD LAMPASAS TRL | YUCCA MTN RD | 1.81 |
| | | | | Total Pct. 3 | 5.91 |
| 4 | E09601 | AIRLINE TERRACE | CUL-DE-SAC | CREEDMOOR DR | 0.12 |
| 4 | E09902 | APPERSON ST | ELROY RD | ROSS RD | 0.69 |
| 4 | E08000 | BLUFF SPRINGS RD (1) | 812 FT S OF CHATEAU VILLAGE WAY | BRANDT RD | 0.73 |
| 4 | E08000 | BLUFF SPRINGS RD (2) | BRANDT RD | NUCKOLS CROSSING RD | 0.22 |
| 4 | E08000 | BLUFF SPRINGS RD (3) | NUCKOLS CROSSING RD | SLAUGHTER LN | 0.37 |
| 4 | F10700 | BURCH DR | HWY 71 | 2479 FT N OF HWY 71 | 0.47 |
| 4 | E08501 | COLTON-BLUFF SPRINGS RD (5) | 330 FT EAST OF MOONBEAM DR | FM1625 | 0.82 |
| 4 | B08010 | CRANE RD | WRIGHT RD | TURNERSVILLE RD | 0.61 |
| 4 | E09600 | CREEDMOOR DR | FM 812 RD | 2210 FT N OF FM 812 | 0.42 |
| 4 | E09900 | ELROY RD (08) | FAGERQUIST | JACOBSON RD | 0.36 |
| 4 | E09900 | ELROY RD (09) | JACOBSON RD | LARKDALE LN | 0.52 |
| 4 | E09900 | ELROY RD (10) | LARKDALE LN | FM 812 RD | 1.21 |
| 4 | C08800 | EVELYN RD (03) | TOM SASSMAN RD | SH 45 ROW NORTH | 0.28 |
| 4 | C08800 | EVELYN RD (03) | SH 45 ROW SOUTH | SH 45 ROW NORTH | 0.27 |
| 4 | D11000 | FAGERQUIST RD (1) | ELROY RD | TIMBER HILLS DR | 1.94 |
| 4 | D11000 | FAGERQUIST RD (2) | TIMBER HILLS DR | LINDEN RD | 0.32 |
| 4 | D11000 | FAGERQUIST RD (3) | LINDEN RD | 202 FT E OF HIGH NOON | 0.60 |
| 4 | D10800 | LINDEN RD (1) | PEARCE LN | HIGH NOON | 0.51 |
| 4 | D10800 | LINDEN RD (2) | HIGH NOON | FAGERQUIST RD | 0.27 |
| 4 | D10800 | LINDEN RD (3) | FAGERQUIST RD | LINDEN LP | 0.65 |
| 4 | D10800 | LINDEN RD (4) | LINDEN LP | JACOBSON RD | 0.60 |
| 4 | B08000 | PALMER RD | SH45 ROW SOUTH | TURNERSVILLE RD | 0.53 |
| 4 | E09603 | PLANEVIEW DR | US HWY 183 | VIEWING PL | 0.08 |
| 4 | E09915 | PROUD PANDA DR | EL ROY RD | APPERSON ST | 0.17 |
| 4 | E09915 | PROUD PANDA DR | APPERSON ST | 309 FT S OF APPERSON ST | 0.06 |
| 4 | E09915 | PROUD PANDA DR | 309 FT S OF APPERSON ST | CUL-DE-SAC | 0.0002 |
| 4 | E08700 | THAXTON RD (2) | MC KINNEY FALLS PKWY | SASSMAN RD | 0.69 |
| 4 | B08200 | TURNERSVILLE RD (3) | 1000 FT W OF PALMER RD | PALMER RD | 0.19 |
| 4 | B08200 | TURNERSVILLE RD (4) | PALMER RD | CRANE RD | 0.42 |
| 4 | B08200 | TURNERSVILLE RD (5) | CRANE RD | WRIGHT RD | 0.46 |
| 4 | B08200 | TURNERSVILLE RD (6) | WRIGHT RD | GRAEF RD | 0.45 |
| 4 | E09602 | VIEWING PL | CUL-DE-SAC | AIRLINE TER | 0.23 |
| 4 | C08600 | WRIGHT RD | 585 FT S OF SH45 MAINLANES | TURNERSVILLE RD | 1.06 |
| | | | | Total Pct. 4 | 16.30 |
| | | | | TOTAL ALL PCTS | 39.78 |

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Type F (cul-de-sacs)

| Pct | Fac ID | Road Name | Begin | Ending |
|-----|--------|----------------------|-------------------------------|-------------------------|
| 1 | G11102 | DECKER CREEK CV CDS | 433 FT S OF DECKER CREEK DR | CUL-DE-SAC SOUTH |
| 1 | G11101 | DECKER CREEK DR | 355 FT N OF EASY BEND DR | CUL-DE-SAC NORTH |
| 1 | H11604 | DEEP MEADOW CV CDS | 564 N OF EASY BEND DR | CUL-DE-SAC |
| 1 | H11606 | EASY MEADOW CV NORTH | 155 FT N OF EASY BEND DR | CUL-DE-SAC NORTH |
| 1 | H11606 | EASY MEADOW CV SOUTH | 266 FT S OF EASY BEND DR | CUL-DE-SAC SOUTH |
| 3 | K06115 | AQUA AZUL CT CDS | 320 FT W OF LISA DR | CUL-DE-SAC |
| 3 | K06112 | AQUA VERDE CT CDS | 324 FT W OF LISA DR | CUL-DE-SAC WEST |
| 3 | K06500 | AWELL CV CDS | 413 FT N OF COMMONS FORD RD | CUL-DE-SAC NORTH |
| 3 | M05220 | BEACON DR CDS | 4239 FT E OF HUDSON BEND RD | CUL-DE-SAC EAST |
| 3 | K06501 | BIRDLIP CIR CDS | 320 FT N OF COMMONS FORD RD | CUL-DE-SAC NORTH |
| 3 | P05402 | CANYON VW CDS | 1031 FT N OF NORTH RIM DR | CUL-DE-SAC NORTH |
| 3 | K06119 | CARLOTTA CV CDS | 370 FT W OF CARLOTTA LN | CUL-DE-SAC WEST |
| 3 | K06618 | CERRO ALTO CV CDS | 660 FT E OF VALLEY VIEW DR | CUL-DE-SAC |
| 3 | K06128 | CHRISSYS CV CDS | JENNYS JUMP DR | CUL-DE-SAC NORTH |
| 3 | K06228 | DE SOTO CIR | DESOTO DR | END |
| 3 | K06804 | EXTON CV | 278 FT N OF ELDER CIR | CUL-DE-SAC |
| 3 | K06120 | FOGGY GLEN CV | 384 FT S OF CLIFFWOOD DR | CUL-DE-SAC |
| 3 | K06117 | FRIO CV CDS | 175 FT S OF CARLOTTA CV | CUL-DE-SAC |
| 3 | J06210 | GALEANA TRACE CV CDS | 618 FT W OF RIVER HILLS RD | CUL-DE-SAC WEST |
| 3 | J06208 | GRACE LN CDS | 1085 FT S OF FM 2244 | CUL-DE-SAC SOUTH |
| 3 | K06127 | JENNYS JUMP DR | LISA DR | 646 FT S OF CHRISSYS CV |
| 3 | K06122 | LAURANNE LN | 1002 FT N OF CARLOTTA LN | CUL-DE-SAC |
| 3 | K06124 | LISA CV CDS | LISA DR | CUL-DE-SAC |
| 3 | K06107 | LISA DR | THISTLE RIDGE | CUL-DE-SAC SOUTH |
| 3 | P05401 | LOST RIDGE CIR CDS | 1031 FT N OF NORTH RIM DR | CUL-DE-SAC NORTH |
| 3 | J06305 | LOWELL LN | FM 2244 | 2048 FT N OF FM 2244 |
| 3 | K06229 | MECCA CIR | MECCA RD | CUL-DE-SAC |
| 3 | P05403 | NORTH RIDGE CIR CDS | 1848 FT N OF NORTH RIM DR | CUL-DE-SAC SOUTH |
| 3 | P05400 | NORTH RIM DR CDS | 6107 FT W OF TRAILS END RD | CUL-DE-SAC WEST |
| 3 | K06125 | ORLANDO CIR | ORLANDO DR | CUL-DE-SAC |
| 3 | P05404 | SOUTH RIDGE CIR | 1355 FT S OF NORTH RIM DR | CUL-DE-SAC SOUTH |
| 3 | K06613 | SOUTHWARD CV | 464 FT E OF CUERNAVACA DR | CUL-DE-SAC |
| 3 | K06114 | SPOTTED FAWN CIR CDS | 335 FT W OF CARLOTTA LN | CUL-DE-SAC |
| 3 | K06622 | STALLION DR | 862 FT E OF TUMBLEWEED TRL | CUL-DE-SAC EAST |
| 3 | J06304 | SUMNER CT | 452 FT E OF RIVER HILLS RD | CUL-DE-SAC |
| 3 | K06705 | TIBER CIR | 309 FT W OF BOWIE RD | CUL-DE-SAC |
| 3 | K06610 | TIMBER RIDGE CV CDS | 189 FT S OF TIMBER RIDGE PASS | CUL-DE-SAC |
| 3 | K06807 | TYNDALE CV | 655 FT E OF BARRETT LN | CUL-DE-SAC EAST |
| 3 | K06118 | VENITA CV CDS | 200 FT W OF CARLOTTA LN | CUL-DE-SAC |
| 3 | K06121 | VISTA DEL SOL | 175 FT E OF LAURANNE LN | CUL-DE-SAC |
| 3 | K06614 | WESTWARD CV CDS | TIMBER RIDGE PA | CUL-DE-SAC |
| 3 | K06619 | WOODLAKE CIR CDS | 268 FT N OF COMMONS FRD | CUL-DE-SAC |
| 3 | K06617 | WOODLAKE CV | 362 FT W OF TUMBLEWEED TRL | CUL-DE-SAC WEST |

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Rejuvenation*

| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-----------------------|--------------------------|--------------------------|-------|
| 1 | N10502 | ALDERMINSTER LN | TUDOR HOUSE RD | SLEEPYTIME TRL | 0.12 |
| 1 | N09414 | ANTIGUE HERITAGE DR | END | OLYMPIC DR | 0.15 |
| 1 | N09419 | ANTIQUER FINISH DR | LANTERN DR | CUL-DE-SAC NORTH | 0.14 |
| 1 | N09916 | BATTENBURG TRL | EARL GREY LN | TUDOR HOUSE RD | 0.53 |
| 1 | N09811 | BLUE FLAX LN | GOLDEN FLAX TRL | SPRINP HEATH RD | 0.10 |
| 1 | N10507 | BRUNO CIR | WHITTARD OF CHELSEA LN | WHITTARD OF CHELSEA LN | 0.00 |
| 1 | N09906 | BURNSALL GATES DR | MERSEYSIDE | CONNER DOWN | 0.08 |
| 1 | N09904 | CAMBOURNE DR | HOWARD LN | FLATTER WAY | 0.48 |
| 1 | N09907 | CASTLETON DR | LETTI LN | CONNER DOWN | 0.05 |
| 1 | N10505 | CEYLON TEA CIR | SUMATRA LN | TUDOR HOUSE RD | 0.31 |
| 1 | N09934 | CHAMOMILE CV | CORONATION WY | CUL-DE-SAC NORTH | 0.01 |
| 1 | N09908 | CONNER DOWNS DR | TAYSIDE | MERSEYSIDE DR | 0.29 |
| 1 | N09933 | CORONATION WY (1) | TUDOR HOUSE RD | 164 FT E OF CHAMOMILE CV | 0.13 |
| 1 | N09933 | CORONATION WY (2) | 164 FT E OF CHAMOMILE CV | ROSEHIP LN | 0.09 |
| 1 | N09933 | CORONATION WY (3) | ROSEHIP LN | LADY ELIZABETH'S LA | 0.06 |
| 1 | N09933 | CORONATION WY (4) | LADY ELIZABETH'S LA | LADY GREY AVE | 0.10 |
| 1 | N09909 | CRIEFF CROSS DR | CONNER DOWN | MERSEYSIDE | 0.11 |
| 1 | N09914 | DARJEELING DR | BATTENBURG TRL | 157 FT N OF TEA LEAF DR | 0.37 |
| 1 | N09914 | DARJEELING DR | 157 FT N OF TEA LEAF DR | BIMINI LN | 0.21 |
| 1 | M09418 | DAWLISH DR | CAMBOURNE LN | MERSEYSIDE DR | 0.07 |
| 1 | N10508 | DREAMTIME LN | SWEET LEAF LN | VANILLA BEAN DR | 0.05 |
| 1 | N10508 | DREAMTIME LN | VANILLA BEAN DR | WHITTARD OF CHELSEA LN | 0.10 |
| 1 | N09926 | EARL GREY LA | BATTENBURG TRL | TUDOR HOUSE RD | 0.17 |
| 1 | N09929 | ELDERBERRY TEA CV | SASSAFRAS TRL | CUL-DE-SAC EAST | 0.03 |
| 1 | N10509 | ENGLISH ROSE DR | HONEY BLOSSOM DR | WHITTARD OF CHELSEA LN | 0.00 |
| 1 | N10522 | EVENING MIST LN | TEA LEAF DR | FERN RIDGE LN | 0.05 |
| 1 | N10522 | EVENING MIST LN | FERN RIDGE LN | MORNING MIST LN | 0.04 |
| 1 | N10521 | FALLING STONE LN | TEA LEAF DR | MORNING MIST LN | 0.10 |
| 1 | N10521 | FALLING STONE LN | MORNING MIST LN | SWEET LEAF LN | 0.05 |
| 1 | N10524 | FERN RIDGE LN | EVENING MIST LN | TEA LEAF DR | 0.09 |
| 1 | N09911 | FLATTER'S WAY | MARCELLA LN | END | 0.05 |
| 1 | N09420 | FRIENDSHIP QUILT LN | WELLS BRANCH PKWY | PLOWSHARE DR | 0.14 |
| 1 | N09420 | FRIENDSHIP QUILT LN | PLOWSHARE DR | ANTIQUER FINISH DR | 0.05 |
| 1 | N10525 | GINGER SPICE LN (1) | LADY ELIZABETH'S LA | LADY GREY AVE | 0.08 |
| 1 | N10525 | GINGER SPICE LN (2) | LADY GREY AVE | DARJEELING DR | 0.05 |
| 1 | N09924 | GINSENG CV | TEAPOT DR | CUL-DE-SAC SOUTH | 0.03 |
| 1 | N09808 | GOLDEN FLAX TRL | CUL-DE-SAC | BLUE FLAX | 0.25 |
| 1 | N10520 | GOLDEN SUNRISE LN (1) | LIPTON LN | SWEET LEAF LN | 0.05 |
| 1 | N10520 | GOLDEN SUNRISE LN (2) | SWEET LEAF LN | ST PATRICKS PL | 0.11 |
| 1 | N10520 | GOLDEN SUNRISE LN (3) | ST PATRICKS PL | SWEET LEAF LN | 0.10 |
| 1 | N09802 | GREINERT DR | HOWARD LN | LAMPTING DR | 0.32 |
| 1 | N09925 | GREY CASTLE DR | BATTENBURG TRL | TUDOR HOUSE RD | 0.19 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-------------------------|---------------------------------------|---------------------------------------|-------|
| 1 | N10510 | HALMIRA ESTATES DR | WHITTARD OF CHELSEA LN | DESSAU RD | 0.00 |
| 1 | N10504 | HARCOURT HOUSE LN (1) | TUDOR HOUSE RD | 142 FT N OF SLEEPTIME TRL | 0.25 |
| 1 | N10504 | HARCOURT HOUSE LN (2) | 142 FT N OF SLEEPTIME TRL | SWEET TEA LN | 0.03 |
| 1 | N10504 | HARCOURT HOUSE LN (3) | SWEET TEA LN | VANILLA BEAN DR | 0.04 |
| 1 | N10504 | HARCOURT HOUSE LN (4) | VANILLA BEAN DR | HONEY BLOSSOM DR | 0.03 |
| 1 | N10504 | HARCOURT HOUSE LN (5) | HONEY BLOSSOM DR | WHITTARD OF CHELSEA LN | 0.09 |
| 1 | N10513 | HONEY BLOSSOM LN | ENGLISH ROSE DR | HARCOURT HOUSE LN | 0.06 |
| 1 | N10513 | HONEY BLOSSOM LN | SWEET LEAF LN | ENGLISH ROSE DR | 0.05 |
| 1 | N09930 | HYSON CRSG | TUDOR HOUSE RD | DARJEELING DR | 0.48 |
| 1 | N09921 | JASMINE TEA LA | SPEARMINT TEA TRL | DARJEELING DR | 0.11 |
| 1 | N09931 | LADY ELIZABETH'S LA (1) | TUDOR HOUSE RD | 143 FT E OF HYSON CRSG | 0.14 |
| 1 | N09931 | LADY ELIZABETH'S LA (2) | 143 FT E OF HYSON CRSG | CORONATION WY | 0.03 |
| 1 | N09931 | LADY ELIZABETH'S LA (3) | CORONATION WY | GINGER SPICE LN | 0.05 |
| 1 | N09931 | LADY ELIZABETH'S LA (4) | GINGER SPICE LN | PEPPERMINT TRL | 0.07 |
| 1 | N09931 | LADY ELIZABETH'S LA (5) | PEPPERMINT TRL | DEAD-END NORTH | 0.03 |
| 1 | N09917 | LADY GREY AVE (1) | HYSON CRSG | 172 FT E OF HYSON CRSG | 0.03 |
| 1 | N09917 | LADY GREY AVE (2) | 172 FT E OF HYSON CRSG | CORONATION WY | 0.13 |
| 1 | N09917 | LADY GREY AVE (3) | CORONATION WY | GINGER SPICE LN | 0.05 |
| 1 | N09917 | LADY GREY AVE (4) | GINGER SPICE LN | PEPPERMINT TRL | 0.08 |
| 1 | N09803 | LAMPTING DR | END | CUL-DE-SAC | 0.45 |
| 1 | N09418 | LANTERN DR | TWISTED FENCE DR | TWISTED FENCE DR | 0.41 |
| 1 | N10501 | LEMONGRASS LN | TUDOR HOUSE RD | SLEEPTIME TRL | 0.14 |
| 1 | M09412 | LETTI LN | LOTHIAN DR | CUL-DE-SAC | 0.25 |
| 1 | N10511 | LIPTON LN | VANILLA BEAN DR | WHITTARD OF CHELSEA LN | 0.10 |
| 1 | N10511 | LIPTON LN | WHITTARD OF CHELSEA LN | 147 FT N OF WHITTARD OF CHELSEA LN | 0.03 |
| 1 | N10511 | LIPTON LN | 147 FT N OF WHITTARD OF CHELSEA LN | GOLDEN SUNRISE LN | 0.03 |
| 1 | N10511 | LIPTON LN | GOLDEN SUNRISE LN | ST PATRICKS PL | 0.06 |
| 1 | N10511 | LIPTON LN | ST PATRICKS PL | 50 FT N OF MORNING MIST LN | 0.05 |
| 1 | N10511 | LIPTON LN | 50 FT N OF MORNING MIST LN | SWEET TEA LN | 0.05 |
| 1 | M09413 | LOTHIAN DR | CONNER DOWNS | LETTI LN | 0.23 |
| 1 | N10009 | LOW BRIM CV | OLYMPIC DR | CUL-DE-SAC SOUTH | 0.03 |
| 1 | N09923 | MANDARIN CRSG | TUDOR HOUSE RD | HYSON CRSG | 0.28 |
| 1 | N09902 | MARICELLA LN | CUL-DE-SAC S OF FLATTERS WAY | FLATTERS WAY | 0.05 |
| 1 | N09902 | MARICELLA LN | FLATTERS WAY | DEAD-END N OF FLATTERS WAY | 0.11 |
| 1 | N09417 | MELTED CANDLE CV | PLOWSHARE DR | CUL-DE-SAC EAST | 0.06 |
| 1 | N09901 | MERSEYSIDE DR (1) | LETTI LN | 146' W OF CAMBOURNE DR | 0.10 |
| 1 | N09901 | MERSEYSIDE DR (2) | 146' W OF CAMBOURNE DR | 148' E CONNER DOWNS | 0.49 |
| 1 | N09901 | MERSEYSIDE DR (3) | 148' E CONNER DOWNS | HARRIS RIDGE BLVD | 0.04 |
| 1 | N09901 | MERSEYSIDE DR (5) | HARRIS RIDGE BLVD | CUL-DE-SAC EAST | 0.04 |
| 1 | N09810 | MIST FLOWER DR | SPRING HEATH DR | GOLDEN FLAX | 0.11 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|-----------------------|------------------------------------|------------------------------------|-------|
| 1 | N10523 | MORNING MIST LN (1) | FALLING STONE LN | EVENING MIST LN | 0.05 |
| 1 | N10523 | MORNING MIST LN (2) | EVENING MIST LN | TEA LEAF DR | 0.09 |
| 1 | N10523 | MORNING MIST LN (3) | TEA LEAF DR | LIPTON LN | 0.06 |
| 1 | N09913 | NESTLE CT | TUDOR HOUSE RD | END | 0.02 |
| 1 | N10514 | OCHA LA | JASMINE TEA LN | 152 FT E OF JASMINE TEA LN | 0.03 |
| 1 | N10514 | OCHA LA | 152 FT E OF JASMINE TEA LN | SWEET TEA LN | 0.03 |
| 1 | N09409 | OLYMPIC DR | PFLUGERVILLE CLL | PFLUGERVILLE CLL | 0.24 |
| 1 | N09922 | OOLONG LA | TUDOR HOUSE RD | SPEARMINT TEA TRL | 0.06 |
| 1 | N09920 | ORANGE PEKOE TRL | BATTENBURG TRL | TUDOR HOUSE RD | 0.09 |
| 1 | N09939 | ORANGE SPICE CT | | | 0.04 |
| 1 | N09937 | PEPPERMINT TRL (1) | VALERIAN TEA DR | ROSEHIP LN | 0.15 |
| 1 | N09937 | PEPPERMINT TRL (2) | ROSEHIP LN | LADY ELIZABETH'S LA | 0.05 |
| 1 | N09937 | PEPPERMINT TRL (3) | LADY ELIZABETH'S LA | LADY GREY AVE | 0.05 |
| 1 | N09416 | PLOWSHARE DR | FRIENDSHIP QUILT LN | TWISTED FENCE DR | 0.17 |
| 1 | N09411 | POLISHED STONE CV | OLYMPIC DR | CUL-DE-SAC SOUTH | 0.04 |
| 1 | N09804 | RANDALSTONE DR | LAMPTING DR | SEGOVIA | 0.18 |
| 1 | N10010 | ROCKING SPUR CV | OLYMPIC DR | CUL-DE-SAC SOUTH | 0.04 |
| 1 | N09938 | ROSEHIP LN | CORONATION WY | PEPPERMINT TRL | 0.09 |
| 1 | N09422 | SADDLEGIRTH LN | FRIENDSHIP QUILT LN | SMOOTHING IRON DR | 0.09 |
| 1 | N09927 | SALLY LUNN WY | SASSAFRAS TRL | EARL GREY LN | 0.10 |
| 1 | N09928 | SASSAFRAS TRL | SALLY LUNN WAY | CUL-DE-SAC NORTH | 0.17 |
| 1 | N09940 | SEBASTIAN BND | HARRIS RIDGE BLVD | HARRIS RIDGE BLVD | 0.11 |
| 1 | N09805 | SEGOVIA WAY | END | WILD SENNA DR | 0.37 |
| 1 | N09912 | SLEEPYTIME TRL | TUDOR HOUSE RD | LEMONGRASS LN | 0.29 |
| 1 | N09421 | SMOOTHING IRON DR | PLOWSHARE DR | LANTERN DR | 0.12 |
| 1 | N09918 | SPEARMINT TEA TRL | JASMINE TEA LN | DARJEELING DR | 0.07 |
| 1 | N09918 | SPEARMINT TEA TRL (1) | OOLONG LN | JASMINE TEA LN | 0.03 |
| 1 | N09807 | SPRING HEATH RD | END | HOWARD LN | 0.23 |
| 1 | N10519 | ST PATRICKS PL (1) | LIPTON LN | SWEET TEA LN | 0.05 |
| 1 | N10519 | ST PATRICKS PL (2) | SWEET TEA LN | GOLDEN SUNRISE LN | 0.05 |
| 1 | N10519 | ST PATRICKS PL (3) | GOLDEN SUNRISE LN | DESSAU RD | 0.04 |
| 1 | N09410 | STAPLE CV | ANTIGUE HERITAGE DR | CUL-DE-SAC EAST | 0.01 |
| 1 | N09809 | STAR FLOWER WAY | GOLDEN FLAX | SPRING HEATH | 0.11 |
| 1 | N10518 | SUMATRA LN | END | TUDOR HOUSE RD | 0.06 |
| 1 | N10515 | SWEET LEAF LN (01) | WHITTARD OF CHELSEA LN | DREAMTIME LN | 0.05 |
| 1 | N10515 | SWEET LEAF LN (02) | DREAMTIME LN | HARCOURT HOUSE LN | 0.18 |
| 1 | N10515 | SWEET LEAF LN (03) | HARCOURT HOUSE LN | HONEY BLOSSOM DR | 0.18 |
| 1 | N10515 | SWEET LEAF LN (04) | HONEY BLOSSOM DR | OHCA LN | 0.03 |
| 1 | N10515 | SWEET LEAF LN (05) | OHCA LN | WHITTARD OF CHELSEA LN | 0.07 |
| 1 | N10515 | SWEET LEAF LN (06) | WHITTARD OF CHELSEA LN | 148 FT N OF WHITTARD OF CHELSEA LN | 0.03 |
| 1 | N10515 | SWEET LEAF LN (07) | 148 FT N OF WHITTARD OF CHELSEA LN | TEA LEAF LN | 0.03 |
| 1 | N10515 | SWEET LEAF LN (08) | TEA LEAF LN | FALLING STONE LN | 0.19 |
| 1 | N10515 | SWEET LEAF LN (09) | FALLING STONE LN | BALLI LN | 0.10 |

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| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|----------------------------|---------------------------------------|---------------------------------------|-------|
| 1 | N10515 | SWEET LEAF LN (10) | BALLI LN | LIPTON LN | 0.09 |
| 1 | N10515 | SWEET LEAF LN (11) | LIPTON LN | GOLDEN SUNRISE LN | 0.09 |
| 1 | N10515 | SWEET LEAF LN (12) | GOLDEN SUNRISE LN | ST PATRICKS PL | 0.05 |
| 1 | N10515 | SWEET LEAF LN (13) | ST PATRICKS PL | GOLDEN SUNRISE LN | 0.05 |
| 1 | N09423 | TAPESTRY CV | ANTIQUÉ FINISH DR | CUL-DE-SAC EAST | 0.04 |
| 1 | M09416 | TAYSIDE DR | LETTI LN | END | 0.07 |
| 1 | N09936 | TEA LEAF DR (1) | DARJEELING DR | CUL-DE-SAC WEST | 0.01 |
| 1 | N09936 | TEA LEAF DR (2) | DARJEELING DR | 144 FT E OF DARJEELING DR | 0.03 |
| 1 | N09936 | TEA LEAF DR (3) | 144 FT E OF DARJEELING DR | SWEET LEAF LN | 0.03 |
| 1 | N09936 | TEA LEAF DR (4) | SWEET LEAF LN | FALLING STONE LN | 0.06 |
| 1 | N09936 | TEA LEAF DR (5) | FALLING STONE LN | EVENING MIST LN | 0.05 |
| 1 | N09936 | TEA LEAF DR (6) | EVENING MIST LN | FERN RIDGE LN | 0.13 |
| 1 | N09936 | TEA LEAF DR (7) | FERN RIDGE LN | MORNING MIST LN | 0.04 |
| 1 | N10506 | TEA ROOM CV | END | TUDOR HOUSE RD | 0.03 |
| 1 | N10503 | TEACUP LN | TUDOR HOUSE RD | SLEEPYTIME TRL | 0.08 |
| 1 | N09919 | TEAPOT DR | BATTENBURG TRL | TUDOR HOUSE RD | 0.16 |
| 1 | N09424 | THAYER CV | PLOWSHARE DR | CUL-DE-SAC EAST | 0.01 |
| 1 | N10500 | TUDOR HOUSE RD | TRAFFIC SQUARE BY LADY ELIZABETH'S LN | WELLS BRANCH PKWY | 0.26 |
| 1 | N10500 | TUDOR HOUSE RD (1) | DESSAU RD | SLEEPYTIME TRL | 0.48 |
| 1 | N10500 | TUDOR HOUSE RD (2) | SLEEPYTIME TRL | TRAFFIC SQUARE | 0.06 |
| 1 | N10500 | TUDOR HOUSE RD (3) | TRAFFIC SQUARE NORTHBOUND | BY OOLONG LN | 0.09 |
| 1 | N10500 | TUDOR HOUSE RD (4) | TRAFFIC SQUARE SOUTHBOUND | BY BATTENBURG TRL | 0.09 |
| 1 | N10500 | TUDOR HOUSE RD (5) | TRAFFIC SQUARE BY OOLONG LN | TRAFFIC SQUARE BY LADY ELIZABETH'S LN | 0.33 |
| 1 | N10500 | TUDOR HOUSE RD (6) | TRAFFIC SQUARE NORTHBOUND | BY LADY ELIZABETH'S LN | 0.09 |
| 1 | N10500 | TUDOR HOUSE RD (7) | TRAFFIC SQUARE SOUTHBOUND | OPPOSITE LADY ELIZABETH'S LN | 0.09 |
| 1 | N09415 | TWISTED FENCE DR | ANTIGUE HERITAGE DR | LANTERN DR | 0.18 |
| 1 | N09932 | VALERIAN TEA DR | CORONATION WY | 200 FT W OF PEPPERMINT TRL | 0.12 |
| 1 | N09932 | VALERIAN TEA DR | 200 FT W OF PEPPERMINT TRL | PEPPERMINT TRL | 0.04 |
| 1 | N09932 | VALERIAN TEA DR | PEPPERMINT TRL | CUL-DE-SAC EAST | 0.03 |
| 1 | N10516 | VANILLA BEAN DR (1) | HARCOURT HOUSE LN | LIPTON LN | 0.13 |
| 1 | N10516 | VANILLA BEAN DR (2) | LIPTON LN | LIPTON LN | 0.05 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (1) | SWEET LEAF LN | ENGLISH ROSE DR | 0.06 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (2) | ENGLISH ROSE DR | HARCOURT HOUSE LN | 0.05 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (3) | HARCOURT HOUSE LN | BRUNO CIR WEST INTER | 0.05 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (4) | BRUNO CIR WEST INTER | BRUNO CIR EAST INTER | 0.05 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (5) | BRUNO CIR EAST INTER | LIPTON LN | 0.05 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (6) | LIPTON LN | DREAMTIME LN | 0.06 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (7) | DREAMTIME LN | HALMIRA ESTATES DR | 0.11 |
| 1 | N10517 | WHITTARD OF CHELSEA LN (8) | HALMIRA ESTATES DR | SWEET TEA LN | 0.08 |

* The Annual Work Goals is a budgeting guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

| Pct | Fac ID | Road Name | Begin | Ending | Miles |
|-----|--------|---------------|-------------|------------------------|--------------|
| 1 | N09806 | WILD SENNA DR | SEGOVIA DR | SEGOVIA DR | 0.21 |
| 1 | N09806 | WILD SENNA DR | END | SEGOVIA WAY | 0.17 |
| 1 | N09910 | WILTSHIRE DR | MERSEY SIDE | CAMBOURNE DR | 0.04 |
| | | | | TOTAL ALL PCTS. | 18.62 |

* The Annual Work Goals is a budgeting guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

4115 - Signs/Barricade Maintenance

This element will function as a core element. Resources will be available at each service center to respond to projects internal to the service area.

Goals:

- Inspect, maintain and install approximately **6500 devices**.

Performance Monitors and Measures:

Maintain and install traffic signs & devices in compliance with the current TxMUTCD.

- Provide preventative and responsive maintenance to all traffic control devices on accepted roadways.
- All signs replaced and all new signs installations shall be in accordance with the National Cooperative Highway Research Program (NCHRP) Report 350, "Recommended Procedures for the Safety Performance Evaluations of Highway Features."
- Human resources assigned are measured for performance achievement on attainment of established response times for external work requests and total devices.

Minimum Response Times:

- Emergency Responses (Regulatory): **2 hours**
- Other Regulatory Devices: **5 days**
- Non-Regulatory Devices: **10 days**

Funding sources

General Fund and Road & Bridge Fund

* Staff Assignment & Time Investment:

| | | |
|---------------------|--------------|------|
| Program Manager: | Brian Burk | 15% |
| Element Supervisor: | JR Meredith | 30% |
| Team Members: | 6 – RMW Sr's | 100% |
| | 2 – RMW Sr's | 50% |



4116 - Roadway Striping

This element is a countywide roadway maintenance element. Resources will be available at the East Service Center to respond in all service areas.

Goals:

- Re-paint centerline and edgeline striping for **450 miles** of striped roadways within the County.
- Repaint all non-thermoplastic pavement legends and crosswalks annually.
- Maintain all thermoplastic legends and crosswalks on an as-needed basis.
- Install new and maintain existing raised pavement markers as needed.
- Layout and stripe individualized striping plans as directed by the traffic engineering department.
- Restripe Parks and Facilities parking lots and roads upon transfer of funds on a job by job basis.

Performance Monitors and Measures:

- Maintain traffic asphalt markings and legends in compliance with current TxMUTCD.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.
- Human resources assigned are measured for performance achievement on attainment of established schedules for phased completions and adherence to established schedules.

Complete re-striping phases on schedule:

- Schedule striping to coincide with proposed pavement maintenance and rehabilitation projects.
- All other striping is scheduled as indicated below in rotation through the County.

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|---------------------|--------------|------|
| Program Manager: | Brian Burk | 15% |
| Element Supervisor: | JR Meredith | 30% |
| Team Leader: | Vacant | 100% |
| Team Members: | 2 – EO's | 100% |
| | 2 – RMW Sr's | 50% |

Schedule:

| Location | Miles | Start Date | Finish Date |
|-------------------------|------------|------------|-------------|
| Precinct 1 | 124 | 07/01/19 | 09/30/19 |
| Overlay/Chip Seal Roads | | 04/01/19 | 09/30/19 |
| Precinct 2 | 36 | 05/01/19 | 06/28/19 |
| Precinct 3 | 178 | 03/01/19 | 04/30/19 |
| Parks/Facilities | 30* | 10/01/18 | 11/30/18 |
| Precinct 4 | 82 | 12/03/18 | 02/28/19 |
| Total Mileage | 450 | | |



**equivalent in mileage for 10 days of labor to restripe parking lots*

4118 - Traffic Engineering

This element is a countywide roadway maintenance element. Resources will be available at 700 Lavaca to respond to requests from all service areas.

Goals:

- Respond to approximately **200** constituent requests regarding traffic issues from all service areas.

Performance Monitors and Measures:

- Respond to constituent requests regarding traffic issues from all service areas within a timely manner.
- Prepare signal warrant studies, all-way stop studies, school zone studies, ball bank analyses, and speed limit studies. All studies must be in compliance with the current TxMUTCD.
- Prepare work orders for required signing and/or striping based on engineering analysis.
- Provide engineering review for traffic impact analysis, traffic control plans & utility cuts.
- Human resources assigned are measured for performance achievement on attainment of established schedules for phased completions. Adherence to established schedules.

Minimum Response Times:

- Field inspect and respond: **2 weeks**
- Complete engineering studies: **8 weeks**

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|-------------------|-----------------|------|
| Division Manager: | Andre Betit | 85% |
| Program Manager: | Brian Burk | 50% |
| Team Members: | Scott Lambert | 30% |
| | Vacant | 100% |
| | Jaime Mancillas | 100% |



4120 - Secondary Drainage

This element will function as a core right-of-way maintenance element. Resources will be available at each service center to respond to projects internal to the service area.

Goals:

- Implement standards and concepts utilizing the Texas Pollutant Discharge Elimination System (TPDES) requirements.
- Complete **325** drainage projects <500 man hours.
- Complete **5** drainage projects >500 man hours.
- Complete drainage rehabilitation projects that are identified for internal staff assignment and in-house completions.

Performance Monitors and Measures:

- Evaluate reports of drainage deficiencies made by constituents and county personnel.
- Request road closures as necessary through Program 4118, Traffic Engineering
- Human Resources assigned are measured for performance achievement on attainment of established response times for external work requests and adherence to established schedules.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.

Complete Construction Phases on Schedule:

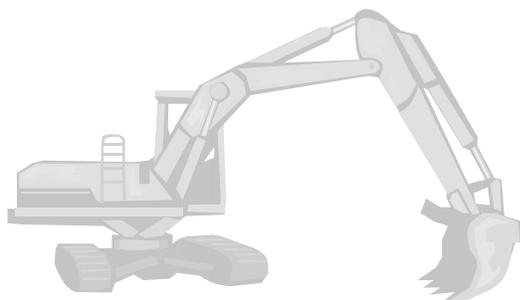
- Coordinate with other county programs, utility providers and jurisdictions.
- Stage resources and locate utilities.
- Place stormwater controls per Travis County Best Management Practices Manual.
- Implement repair
- Restore the affected roadway.

Funding sources

CAR, General Fund and Road & Bridge Fund

* Staff Assignment & Time Investment:

| | | |
|----------------------|---|------|
| Element Managers: | Jaime Garcia, East/Kevin Kunkel, West | 20% |
| Element Supervisors: | Lloyd Rendon, East / Travis Motloch, West | 60% |
| Team Leaders: | Marcos Ruiz, Mike Sanders, East | 100% |
| | Victor Sequeira, Tom Montemurro, West | 100% |
| | Joshua Mendez, East /Vacant, West | 100% |
| Team Members: | 6-EO II's, 12-EO I's, & 13-RMW's | 100% |
| Engineer: | Steve Schiewe | 50% |



4121 - Drainage Structure Rehabilitation

This element will function as a core right-of-way maintenance element. Resources will be available at each service center to respond to projects internal to the service area.

Goals:

- Implement standards and concepts utilizing TPDES requirements.
- Complete drainage rehabilitation projects as identified from work requests in Program 4120, Secondary Drainage.
- Complete projects identified by Program 4105, Rehabilitation/Reconstruction.
- Complete projects identified in countywide drainage study.
- Complete bridge maintenance items identified by TXDOT inspections

Performance Monitors and Measures:

- Evaluate, plan and complete improvements.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.
- Request road closures as necessary through Program 4118, Traffic Engineering.
- Human resources are shared between this program and Program 4120, Secondary Drainage.

Complete Construction Phases on Schedule:

- Coordinate with other county programs, utility providers and jurisdictions.
- Stage resources and locate utilities.
- Place stormwater controls per Travis County Best Management Practices Manual.
- Implement repair
- Restore the affected roadway.

Funding sources

CAR, General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|----------------------|--|-----|
| Element Managers: | Jaime Garcia, East/Kevin Kunkel, West | 5% |
| Element Supervisors: | Lloyd Rendon, East /Travis Motloch, West | 30% |
| Engineer: | Steve Schiewe | 50% |



4125 - ROW Vegetation Control

This element will function as a core element at each service center to respond to projects internal to each service area.

Goals:

- Complete **2700 miles** of ROW strip mowing.
- Complete **100 miles** of brush trimming
- Complete **750 requests** for line-of-sight/safety responses
- Complete **35 miles** of brush trimming through contract services
- Complete **500 miles** of herbicide application through contract services

Performance Monitors and Measures:

- Contracting herbicide applications will ensure that vegetation along guardrails, curblines and edge of pavement will be reduced during growing seasons along arterial roadways.
- Meet or exceed the Federal and State environmental laws and County policies.
- Assure a standard of quality on all projects by utilizing accepted industry standards for maintenance and construction of public roadways and other ROW improvements, and complying with Travis County's accepted standards for road maintenance on accepted roads as amended in 2002.
- Human resources assigned are measured for performance achievement on attainment of established response times for external work requests and to adherence to the established mowing rotation schedule.
- Respond to line-of-sight/safety within twenty-four hours of notification.

Response Times for Zone Area Mowing & Line-of-Sight Response Request:

- Line-of-Sight responses: **2 days**
- Zone mowing operations in each precinct are scheduled by proximity locations and annualized rotation:
East – 3 cycles per year / **West** – 3 cycles per year.
- **Herbicide** will be applied twice a year with the first application beginning April 15 and the second application being June 15.

Funding sources

CAR, General Fund and Road & Bridge Fund

* Staff Assignment & Time Investment:

| | | |
|----------------------|---|------|
| Element Managers: | Jaime Garcia, East/ Kevin Kunkel, West | 20% |
| Element Supervisors: | Onnie Bohr, East / Vacant, West | 50% |
| Team Leaders: | Derrick Norris, East / Bryan Meredith, West | 100% |
| Team Leaders: | Joshua Moncada, East/Doug Todd, West | 100% |
| Team Members: | 16 - RMW's | 100% |



4127 - Work Order Response

This element will function as a core element. Resources will be available at each service center to respond to projects internal to each service area.

Goals:

- Support Community Service Restitution programs with equipment and personnel on larger projects.
- Respond to **500** miscellaneous work requests on accepted ROW's and complete Christmas tree recycling in January.
- Respond to requests for the removal and disposal of **300** dead animals on accepted ROW's.

Performance Monitors and Measures:

- Evaluate, stage resources, and complete all requested responses on County ROW's.
- Human resources assigned are measured for performance achievement on attainment of established response times for external work requests and to adherence to the established mowing rotation schedule.

Minimum Response Times:

- Dead animals: **2 days**
- Litter requests: **10 days**

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|----------------------|---|------|
| Element Managers: | Jaime Garcia, East/ Kevin Kunkel, West | 10% |
| Element Supervisors: | Onnie Bohr, East/Vacant, West | 20% |
| | JR Meredith, Traffic (Dead animal response) | 5% |
| Team Members: | 2- EO's | 100% |
| | (CSR – Probation resources) | 50% |



4128 - Pedestrian Way Maintenance

This element is a county wide roadway maintenance element. Work will be completed utilizing both county crews as well as contracted services. The Traffic Engineering section will coordinate and administer outside contracts.

Goals:

- Install curb ramps at all locations where sidewalks cross curb lines.
- Bring non-ADA compliant sidewalks, driveways, and curb ramps into compliance including along roadways scheduled for overlays and reconstruction.
- Provide ADA compliant pedestrian routes near schools and pedestrian generators.

Performance Monitors and Measures:

- Repair and replace sidewalks with cross slopes over 2%, and any elevation changes of more than ¼". Replace any curb ramps with slopes greater than 12:1 and landings of less than 4 feet by 4 feet.
- Sidewalks repaired using County crews will be managed by the pedestrian way road maintenance supervisor utilizing a bid time process.
- Sidewalks repaired using contracted services will be managed by the Traffic Engineering section.
- See attached FY19 Project listing for sidewalks repaired using both contracted services as well as County Crews.
- Individual constituent requests will be reviewed, evaluated, and completed by County crews.

Funding sources

CAR or CO's, General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|------------------------------------|----------------------------------|------|
| Program Manager/Contract Services: | Andre Betit | 10% |
| Program Manager: | Jaime Garcia | 10% |
| Element Supervisor: | Rich Valdez | 45% |
| Team Leader: | Danny Zieger | 100% |
| Team Members: | 1 – EO II/3 – EO I's / 2 – RMW's | 100% |



ADA Sidewalk Repair Projects
FY19 Sidewalk Repair Projects

The FY19 ADA Sidewalk Repair list is based on criteria outlined in the 2007 Transition Plan for bringing sidewalks into compliance with the Americans with Disabilities Act.

COMPLETED BY COUNTY CREWS:

| Road | From | To | Replace DW (EA) | Replace Ramp (EA) | New Ramp (EA) | New SW (LF) | Repair SW (EA) | Repair SW (LF) | Total SW (LF) |
|------------------------------------|---------------------------------|-----------|------------------------|--------------------------|----------------------|--------------------|-----------------------|-----------------------|----------------------|
| BLUFF SPRINGS RD (1) | 812 FT S OF CHATEAU VILLAGE WAY | BRANDT RD | 20 | 7 | 0 | 0 | 0 | 90 | 90 |
| OVERALL TOTALS FOR IN-HOUSE | | | 20 | 7 | 0 | 0 | 0 | 90 | 90 |

* The Annual Work Goals is a budgeting guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

COMPLETED BY CONTRACTED SERVICES

| Road | From | To | Replace DW (EA) | Replace Ramp (EA) | New Ramp (EA) | New SW (LF) | Repair SW (EA) | Repair SW (LF) | Total SW (LF) |
|--------------------------|----------------------|---------------------------|-----------------------|-------------------------|---------------------|-------------------|----------------------|----------------------|---------------------|
| GREAT VALLEY DR | BRIARCREEK LOOP | BRIARCREEK LOOP | 0 | 3 | 0 | 0 | 0 | 450 | 450 |
| HOWARD LN (4) | 700 FT W OF GREGG LN | GREGG LN | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| HOWARD LN (4) EB | GREGG LN | 187 FT W OF HARRIS BRANCH | 0 | 0 | 0 | 0 | 0 | 45 | 45 |
| HOWARD LN (4) WB | GREGG LN | 187 FT W OF HARRIS BRANCH | 0 | 0 | 0 | 0 | 0 | 75 | 75 |
| APPERSON ST | ELROY RD | ROSS RD | 2 | 20 | 0 | 270 | 0 | 21 | 21 |
| PROUD PANDA DR | EL ROY RD | CUL-DE-SAC | 1 | 5 | 0 | 0 | 0 | 390 | 390 |
| GREAT VALLEY DR | BRIARCREEK LOOP | BRIARCREEK LOOP | 0 | 3 | 0 | 0 | 0 | 450 | 450 |
| HOWARD LN (4) | 700 FT W OF GREGG LN | GREGG LN | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| HOWARD LN (4) EB | GREGG LN | 187 FT W OF HARRIS BRANCH | 0 | 0 | 0 | 0 | 0 | 45 | 45 |
| HOWARD LN (4) WB | GREGG LN | 187 FT W OF HARRIS BRANCH | 0 | 0 | 0 | 0 | 0 | 75 | 75 |
| Estimated Totals: | | | 3 | 28 | 0 | 270 | 0 | 996 | 996 |

* The Annual Work Goals is a budgeting guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

SECTION 2

Public Works

**ROAD
&
BRIDGE**

PROGRAM 43

SIGN FABRICATION

Transportation & Natural Resources Public Works Road & Bridge Sign Fabrication Division

Goals

In support of the division's strategic plan of providing a cost effective, efficient and safe transportation system:

- Reduce cycle time in responding to external customer requests, as measured by the work request system.
- Meet or exceed the Federal and State environmental laws and County policies.

Objective

- To fabricate signs and ROW traffic control devices for all departments in compliance with the Division operating standards.

Progress Review & Tracking

Progress review will be followed closely with end of the month and quarterly reports.

- Quarterly report dates are 1/15/19, 4/16/19, 7/16/19 and 10/15/19.
- Monthly excel reports will be utilized to determine the percentage of constituents we are responding to within the minimum dedicated timeframes.

Support Staff & Their Contribution

Engineering Services

- Respond to requests concerning compliance issues related to traffic sign fabrications.

Financial Services

- Review and update materials and service contracts for related programs. Process PRF's and contract invoices to meet program demands.

4305 - Sign Fabrication

This element is a countywide customer services element. Resources are available at the East Service Center to respond to requests from all departments. The Road Maintenance Supervisor for traffic control will coordinate the resources for this element.

Goals:

- Fabricate **6500** signs and ROW traffic control devices for Road & Bridge Division.
- Fabricate signs and other graphics for other departments in compliance with the Division's operating standards.

Performance Monitors and Measures:

- Fabricate traffic signs & devices in compliance with the current TxMUTCD.
- Provide responsive fabrication for all traffic control devices on accepted roadways.
- Provide responsive fabrication of sign requests from all departments within the County. Any "non-standard" sign requests will require a budget transfer for material costs.
- Provide responsive services for the application of motor vehicle decals provided through Fleet Services.
- Human resources assigned are measured for performance achievement on attainment of established response times for all work requests and total devices.

Minimum Response Times:

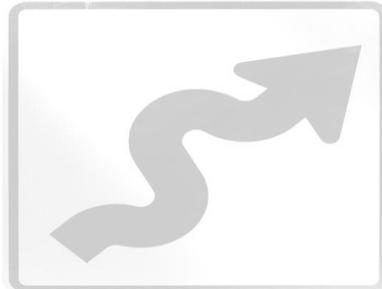
- Regulatory: **3 days**
- Warning: **5 days**
- Public Notice: **5-6 days**
- Customized/Other: **15 days**

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|---------------------|----------------------|------|
| Program Manager: | Brian Burk | 15% |
| Element Supervisor: | JR Meredith | 25% |
| Team Members: | 2 - Sign Fabricators | 100% |



SECTION 3

Public Works

**ROAD
&
BRIDGE**

PROGRAM 85

CUSTOMER SERVICE

Transportation & Natural Resources Public Works – Road & Bridge Customer Service Division

Goals

In support of the division's strategic plan of providing a cost effective, efficient and safe transportation system:

- Maintain all accepted roads in fair or better condition, as measured by PM condition surveys.
- Manage and operate the County transportation system to certification standards of the APWA.
- Reduce cycle time in responding to external customer requests, as measured by the work request system.
- To manage an effective after-hours response to existing road, drainage systems, and other emergency operations on accepted roadways and easements.
- To provide administrative service support to the service centers by responding to external customer requests.
- To meet or exceed the Federal, State and County policies.

Objective

- To provide a central point of contact for all internal and external requests for services and distribution to those requests to the appropriate divisions within the department.

Progress Review & Tracking

Progress review will be followed closely with end of the month and quarterly reports.

- Quarterly report dates are 1/15/19, 4/16/19, 7/16/19 and 10/15/19.
- HTE and excel reports will be utilized to determine the percentage of customers TNR is responding to within the minimum dedicated timeframes.

Support Staff & Their Contribution

Engineering

- Provides limited record keeping, surveying and administrative support for identifying plots at the International Cemetery.

Human Services

- Notifies TNR staff of scheduling and tracking inventories on requested deliveries.

Financial Services

- Review and update materials and service contracts for related programs. Process PRF's and contract invoices to meet program demands.
- Provides support services for time-sheet coordination.

TNR Dispatch

- Provides radio support services and documents all resources for after-hours call-outs.

Administrative Services

- Provides support services for employee related issues.

8505 - Dispatch & Program Operations

This element is a countywide customer services element. Resources will be available at the East Service Center to respond to all requests.

Goals:

- To provide a central point of contact for all internal and external requests for services and distribute those requests to the appropriate divisions within the department.

Performance Monitors and Measures:

- Maintain and document phone & radio communications with department staff.
- Receive process and respond to work requests for service.
- Process Daily Job Reports (DJR's) for elements assigned by the following day of receipt.
- Receive request and submit purchase requisitions for road maintenance materials.

Minimum Response Times:

- Requests: 1 day

Funding sources

Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|------------------|-----------------|-----|
| Element Manager: | Geena Rohan | 45% |
| Team Members: | 2 – Dispatchers | 95% |



8510 – Solid Waste Management

This element will function as a countywide customer service element. Resources which service Travis County will be available at FM 1431 and will coordinate the resources for this element.

Goals:

- To receive, compact and provide solid waste transfer services for residential refuse only.

Performance Monitors and Measures:

- All received solid waste transferred daily.

Minimum Response Times:

- Requests: **Upon Receipt**

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|---------------------|---------------------------|------|
| Element Manager: | Kevin Kunkel | 5% |
| Element Supervisor: | Vacant | 10% |
| Team Leader: | Jerry Derryberry | 100% |
| Team Members: | 1 – Office Specialist Sr. | 5% |



8515 – After-Hours Response

This element will function as a core customer services element. Resources will be available at each service center to respond to emergencies in each service area. The Road Maintenance Manager from each service area will coordinate the resources for this element.

Goals:

- Effective after-hours response to existing roads, drainage systems, and other emergency operations on accepted roadways and easements.
- Effective responses to existing roads, drainage systems, and other emergency operations on accepted roadways and easements as needed during operation hours.
- Reduce cycle time in responding to external customer requests, as measured by the work request system.

Performance Monitors and Measures:

- Respond to approximately **125** after-hour calls.
- Respond to emergency responses during business hours as needed.

Minimum Response Times:

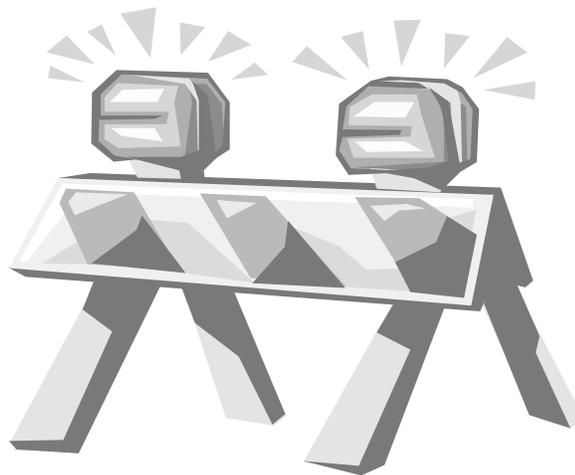
- **2 Hours**

Funding sources

CAR, General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|----------------------|---|------|
| Element Managers: | Andre Betit/Brian Burk/Kevin Kunkel Jaime Garcia/Scott Lambert | 5% |
| Element Supervisors: | Road Maintenance Supervisors | 10% |
| West Coordinator: | Brian Cherry | 10% |
| East Coordinator: | Rich Valdez | 10% |
| Dispatch Operations: | 2 – Dispatchers & 1 Office Manager | 5% |
| Team Members: | 24 – Employees in various EO/RMW's slots | 100% |



8520 - Precinct Services

This element will function as a core customer services element. Resources will be available at each service center to respond to requests internal to each service area and at the West Service Center to deliver commodities.

Goals:

- Provide administrative service support to the service center. Transport commodities to the Travis County rural centers.

Performance Monitors and Measures:

- Provide **daily** administrative support to personnel at the service center.
- Respond **weekly** to deliver commodities to the Travis County rural centers.
- Process Daily Job Reports (DJR's) for all elements by the following day of receipt.
- Receive request and submit purchase requisitions for road maintenance supervisors/managers.

Minimum Response Times:

- **On Demand or As Required**

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

| | | |
|----------------------|-------------------------------|------|
| Element Manager: | Kevin Kunkel | 10% |
| Element Supervisors: | Geena Rohan, Office Manager | 50% |
| | Vacant, West | 10% |
| Team Members: | 4 – Office Specialist Seniors | 80% |
| | 2 – RMW's assigned West | 100% |



8525 – Cemetery Services

This element will function as a countywide element. Resources will be available within the customer services program to maintain the grounds at the both Travis County Cemeteries. This element will provide burial services at the Wells School Cemetery for deceased indigent constituents of Travis County as approved by the Travis County Health and Human Services Department. The Road Maintenance Supervisor at the East Service Center will coordinate the resources for this element.

Goals:

- Prepare an average of 15 burial sites each month.
- Maintain the cemetery grounds of both the International Cemetery & Wells School Cemetery.

Performance Monitors and Measures:

- As required (Estimated - 180 Burials annually)
- Required maintenance of grounds and timeliness of burials

Minimum Response Times:

- Weekly maintenance schedule.

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

- | | | |
|-----------------------|---------------------------|------|
| • Element Manager: | Jaime Garcia | 5% |
| • Element Supervisor: | Onnie Bohr | 10% |
| • Team Lead: | Adam Saldana | 100% |
| • Team Members: | 1 - RMW | 100% |
| | 2 – Office Specialist Sr. | 5% |



8530 - CSR Support Services

This element will function as a countywide customer service element. Resources will be available at the East Service Center to respond to projects. The Road Maintenance Supervisor at the ESC will coordinate all responses for this element assisted by the WSC 4125 Supervisor.

Goals:

- Utilizing labor resources made available to the division from the Community Service Restitution Program of the County Courts, respond to work request that require additional labor resources.
- Reduce cycle time in responding to external customer requests, as measured by the work request system.

Performance Monitors and Measures:

- Complete approximately **350 responses** for ROW litter removal.
- Complete approximately **75 miles** of median mowing.

Minimum Response Times:

- Requests: **10 days**

Funding sources

General Fund and Road & Bridge Fund

Staff Assignment & Time Investment:

- | | | |
|-----------------------|---|-------------|
| • Element Manager: | Jaime Garcia | 5% |
| • Element Supervisor: | Onnie Bohr – East | 10% |
| • Team Lead: | James Hill | 100% |
| • Team Members: | 3 – RMW’s assigned East (CSR – Trustee’s, Probation resources) | 100% 50% |

