

# **Travis County Commissioners Court Agenda Request**

Meeting Date: December 23, 2014

Prepared By: Donald W. Ward, P.E., Assistant Public Works Director Phone #:

(512) 854-9317

Division Director/Manager: Morgan Cotten, P.E., Public Works Director

Department Head: Steven M. Manilla, P.E., County Executive-TNR

Sponsoring Court Member: County Judge Samuel T. Biscoe

**AGENDA LANGUAGE**: Consider and take appropriate action on the TNR Road Maintenance FY 2015 Work Plan.

# **BACKGROUND/SUMMARY OF REQUEST:**

TNR staff compiled the proposed FY 2015 Work Plan based on the recommendations of the 2010 Pavement Condition Survey Report prepared by Infrastructure Management Services (IMS), updated Pavement Management Conditions by Road Maintenance personnel, field review of the projects, and constituent requests. The proposed list includes approximately 95 miles of surface treatment, 15 miles of reconstruction/rehabilitation, 60 miles of Hot Mix Asphalt Concrete (HMAC) overlay, 28 miles of asphalt rejuvenation, 30 miles of edge/shoulder repair, various drainage projects, and numerous pedestrian way (sidewalk) projects.

# **STAFF RECOMMENDATIONS:**

TNR staff recommends approval of the FY 2015 Work Plan.

# **ISSUES AND OPPORTUNITIES:**

The roadway system is experiencing a decline in numerous areas from "Good to Fair" to "Marginal to Poor" in two years or less. Significant resources have been spent and will need to be expended in these areas to maintain the "Good to Fair" condition. As part of TNR's FY 2015 Work Plan, Road Maintenance will continue utilizing Alternative Paving Techniques including the use of full depth recycling, asphalt rejuvenation, cement stabilization, and edge/shoulder repair. The goal is to achieve extended longevity, reduce unsafe roadway conditions, and to improve the Overall Condition Index (OCI) for many roadways throughout the county.

# FISCAL IMPACT AND SOURCE OF FUNDING:

The most recent unit costs for each category of roadway improvement were used to prepare the lists based on the Court approved budget for that category for FY 2015.

ATTACHMENTS/EXHIBITS:
FY 2015 Work Plan & Program Objectives

# **REQUIRED AUTHORIZATIONS:**

Cynthia McDonald	Financial Manager	TNR	(512) 854-4239
Steven M. Manilla	County Executive	TNR	(512) 854-9429
Carol Joseph	TNR Asst. Director	TNR	(512) 854-9418
Morgan Cotten	Public Works Director	TNR	(512) 854-9434

# CC:

David Greear	Traffic Program	TNR	(512) 854-9383
	Manager		
Eddie Jones	Roadway Section	TNR	(512) 854-9383
	Manager		
Diana Ramirez	PBO Analyst	PBO	(512) 854-9694
Jessica Rio	PBO Assistant Budget	PBO	(512) 854-9694
	Manager		
Leah Henderson	PBO Analyst	PBO	(512) 854-4741

4101- Road, Bridge, Fleet Svs-

# TRANSPORTATION & NATURAL RESOURCES DEPARTMENT

Public Works - Road & Bridge



FY 2015

WORK PLAN\*
&
PROGRAM OBJECTIVES

\* The Annual Work Plan is a guide.

Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

# **TABLE OF CONTENTS**

Road & Bridge Program Structure	3	
Performance Measures	6	
SECTION 1	8	
4105 - Rehabilitation/Reconstruction		10
4110 - Surface Treatment		12
4111 - Edge Shoulder Restoration		20
4112/4113 - Patching / Crack Seal		21
4114 – HMAC OverlayAlternative Paving Treatments		22
4115 - Signs/Barricade Maintenance		31
4116 - Roadway Striping	•••••	32
4118 - Traffic Engineering		33
4120 - Secondary Drainage		34
4121 - Drainage Structure Rehabilitation		35
4125 - ROW Vegetation Control		36
4127 - Work Order Response		38
4128 - Pedestrian Way Maintenance		39
SECTION 2	42	
4305 - Sign Fabrication		44
SECTION 3	45	
8505 - Dispatch & Program Operations	•••••	47
8505 - Dispatch & Program Operations 8510 – Solid Waste Management		
		48
8510 – Solid Waste Management		48
8510 – Solid Waste Management 8515 – After-Hours Response		48 49 50
8510 – Solid Waste Management  8515 – After-Hours Response.  8520 - Precinct Services		48 49 50
8510 – Solid Waste Management  8515 – After-Hours Response.  8520 - Precinct Services.  8525 – Cemetery Services		48 49 50
8510 – Solid Waste Management  8515 – After-Hours Response  8520 - Precinct Services  8525 – Cemetery Services  8530 - CSR Support Services	53	
8510 – Solid Waste Management  8515 – After-Hours Response  8520 - Precinct Services  8525 – Cemetery Services  8530 - CSR Support Services  SECTION 4	53	

# **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	
4112 - Roadway Patching & Crack Sealing	
4114 - HMAC Overlay/Alternative Paving Treatment	
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

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

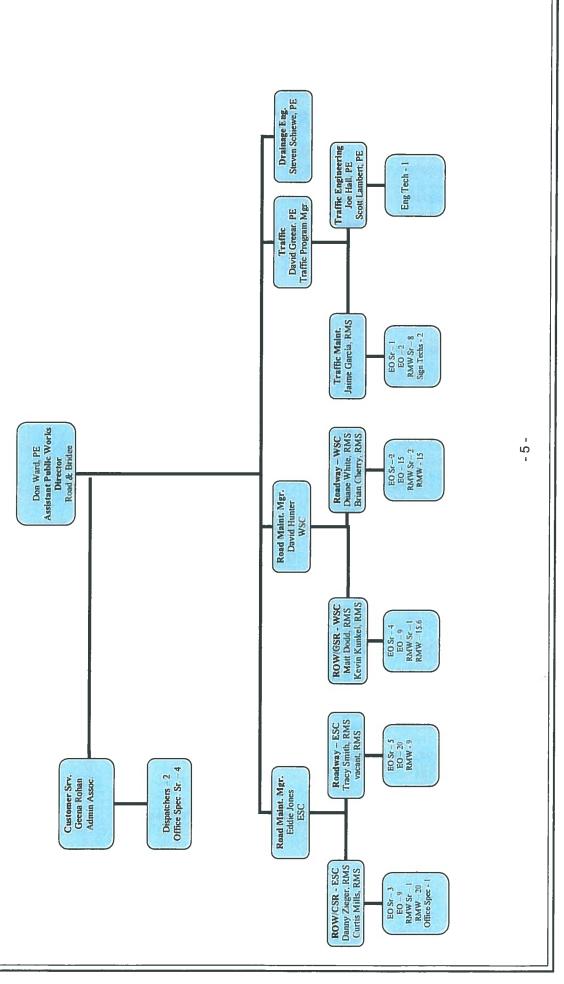
<u>Core Elements</u> will respond to work plan and customer requests at each service center with human resources for these elements based at each service center.

# Road & Bridge Human Resource Allocation

	Road & Bridge		Road &	Bridge	Traffic Control &	Mgt 8
	East Servi	ce Area	West Serv	rice Area	Customer	Admir
	Precincts 1, 2, 4		Precinct 3		Service	
Job Descriptions	Roadway ESC	ROW ESC	Roadway WSC	ROW WSC	All Facilities	700 Lavac
Road Maintenance Worker	16	14	8	15	6.6 (Cem/SWT/CSR)	
Road Maintenance Worker Sr	1	1	1	1	8 (TC)	
Equipment Operators	20	9	15	9	2 (TC)	
Equipment Operators Sr	5	3	2	4	1 (TC)	
Sign Fabricators					2 (TC)	
Road Maintenance Supervisor	2	2	2	2	1 (TC)	
Dispatchers					2 (ESC)	
Office Specialist					1 (Sat 4)	
Office Specialist Sr					4 (All Fac)	
Administrative Associate						1
Engineering Tech					1 (700 Lavaca)	
Engineer (Traffic/Drainage)					3 (700 Lavaca)	
Road Maintenance Managers	1			1		
Traffic Program Manager						1
Assistant Public Works Director						1
FY 15 Totals:	45	29	28	32	31.6	3

# Road & Bridge Assignments

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



# **Performance Measures**

**PROGRAMS** 

**OUTPUT MEASURES** 

ROADWAY MAINTENANCE ELEMENTS	
4105 Road Reconstruction/Rehabilitation Spot Reconstruction	0 53 miles
Recyle	
Rehabilitation	
4110 Surface Treatment	14.67 miles
Surface Treatment (Chip Seal application) to identified projects	
(2010 Pavement Management Survey used to identify projects)	. 14.06 miles
Grade 6	. 81.26 miles
4111 Edge Shoulder Restoration	. 30.00 miles
4112 Pothole Patching	. 125.00 miles
4113 Crack Sealing	. 125.00 miles
4114 Hot Mix Asphalt Concrete (HMAC) Overlay	
1-1/2" HMAC Overlay on identified roadway projects	
Alternate Pavement Treatments (Rejuvenate) projects	28.06 miles
4128 Pedestrian Way Maintenance	
Repair non-compliant sidewalk/driveway/ramp locations	
Construct new sidewalks/ramps	
Contracted Services repair of non-compliant sidewalks	
Contracted Services replacement of non-compliant driveways	
Bridge Maintenance Program (New Program Element)	
RIGHT-OF-WAY MAINTENANCE ELEMENTS	
4120 Secondary Drainage	
Drainage projects <500 hours	
Drainage projects >500 hours	. 5 projects
4121 Drainage Structure Rehabilitation	. TBD
4125 ROW Vegetation Control	
ROW Mowing	. 2700 miles
ROW Brush Clearing	
ROW Herbicide Application	. 300 miles
4127 Work Order Response	
Dead Animal Pickup	
Litter Response	500 responses
Contract Roadway Brush/Vegetation Control (New Program)	

**PROGRAMS** 

# **OUTPUT MEASURES**

# TRAFFIC CONTROL MAINTENANCE ELEMENTS

4305 Sign Fabrication	6500 units
4115 Sign & Barricade Maintenance	6500 devices
4116 Roadway Striping	450 miles
4118 Traffic Engineering	200 responses
CUSTOMER SERVICE ELEMENTS	
8505 Dispatch & Program Operations	
Receive/Enter Work RequestsCoordinates Purchase Requisitions for road maintenance Materials	2500 requests
	,
8510 Solid Waste Management	TBD
8515 After-hours / Disaster Response	125 responses
8520 Precinct Services & Administrative Support & Water Sales	
8525 International Cemetery	
Provide services for indigent burials	180 per year 102.50 acres
8530 CSR Support Services	
Sight distance mowed  ROW litter responses  ROW litter responses (Weekend)  Brush control projects	75 responses 325 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 Pavement Management (PM) condition surveys.

- Maintain 75% of arterial and collector roads in fair or better condition as measured by PM condition surveys.
- 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, unpaved road maintenance, 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 01/15/15, 04/15/15, 07/15/15 and 10/15/15.
- 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 that are listed in this work plan have been recommended for their identified improvements through the 2010 Pavement Management condition survey. 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.

Unidentified projects not listed at this time may be added to the project list as they are recognized. These projects would include roads/streets in proximity to scheduled projects or other projects approved by the Division Director.

# 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.

### **Actions:**

- To complete approximately 0.63 miles of Rehabilitation. This mileage includes Johnson Road in Precinct 1 and Doyle Overton Road in Precinct 4. These roadways will be reconstructed utilizing removing 12" to 18" of poor roadway materials, constructing a 12" layer of recycled material stabilized with Portland cement, constructing a 8" to 12" layer of flexible base, constructing a 6" to 8" layer of HMAC black base and constructing a 2" HMAC surface layer. This is an extensive reconstruction effort that will be tested in FY 2015 in the high PI (Plasticity Index) clay soils is eastern Travis County, mainly Precincts 1 & 4. In addition, moisture vapor barriers will be tested to assist in stabilizing the existing clay subgrade material.
  - (Recycle or remove existing roadway materials, profile roadway, add new base materials as required, and apply HMAC/Surface Treatment for new travel surface).
- To complete approximately **0.53 miles** of Spot Reconstruction. (Excavate and remove failed portions to full depth and replace with new HMAC materials).
- To complete approximately **13.51 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:**

- Completion of all projects that are identified in the work plan as determined by the pavement management system.
- 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.
- 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:

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

Element Manager:	Eddie Jones	15%
Element Supervisor:	Tracy Smith	90%
Team Leaders:	John Wingwood/ John Smith/ Arnold Hewitt	100%
Team Members:	13 – EO's 5 – RMW's	100%
Engineer:	Scott Lambert	15%

# Rehabilitation\*

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	L11300	JOHNSON RD+++	FM 973	JOHNSON RD TRLS	0.45
4	B09411	DOYLE OVERTON RD	MAHA RD	POCMONT TRL	0.18
				TOTAL MILES	0.63

+++ Johnson Road was added to the FY14 workplan.

Spot Reconstruction\*
(Spot Recon - in house final surface treatment to be determined within limits specified)

Pct	Fac ID	Road Name	Begin	Ending	Miles
2	N07831	BRONC DR	YUCCA DR	CUL-DE-SAC WEST	0.03
4	D07120	CHAPPELL LN	CLL AUSTIN	END	0.11
4	F09500	SHAW LN	MCKINNEY FLS	100' N OF GATE	0.39
				TOTAL MILES	0.53

# Recycle\*

Pct	Fac ID	Road Name	Begin	Ending	Miles
_				926' N OF TOWER	
1	L11900	BOIS D ARC RD	HWY 290	RD	0.95
1	L11900	BOIS D ARC RD	JOHNSON RD	KIMBRO WEST RD	1.18
1	L09910a	CAMERON RD	SPRINKLE RD	BLUE GOOSE RD	0.49
1	L10601	FARMHAVEN RD	625' E OF ST MERRYN	BOYCE LN	0.44
1	O12800	FELDER LN	FM 973 RD	MANDA CARLSON RD	1.86
1	L11300	JOHNSON RD (1)	JOHNSON ROAD TRAILS	6511 FT E OF JOHNSON ROAD TRAILS	1.23
1	L11300	JOHNSON RD (4)	1046 FT W OF BOIS D ARC	BOIS D ARC	0.20
1	L11910	TOWER RD	SUNCREST RD	BOIS D ARC RD	1.14
4	D09800	BLOCKER LN	MOORE RD	VON QUINTUS RD	1.28
4	C09401	BURKLAND FARMS RD	FM 812 RD	MOORE RD	1.03
4	C08800	EVELYN RD (01)	FM 1327 RD	1294 FT E OF FM 1327	0.25
4 -	C08800	EVELYN RD (02)	2221 FT E OF FM 1327	SH 45 ROW NORTH	0.68
4	D10402	FOREST GLEN CV	CUL-DE-SAC	TIMBER HILLS DR	0.19
4	C10600	HOKANSON RD	MAHA LOOP RD	BECKER LN	1.12
4	E08505	OLD LOCKHART HWY	CARL RD	FM1625 RD	1.48
				TOTAL MILES	13.51

<sup>\*</sup> The Annual Work Plan is a 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.

### **Actions:**

- Prepare eligible roads for Surface Treatment.
- To complete **14.06 miles Surface Treatment** including conversion roads, spot reconstruction roads and rehabilitation roads.
- To complete **81.26 miles of Grade 6 Surface Treatment**, which uses aggregate gravel rock approximately 3/16 inches or smaller.

# **Performance Monitors and Measures:**

- Completion of all projects that are identified in the work plan derived by the pavement management system.
- 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.
- Pave 95.32 miles in all Precincts.

Element Manager:	David Hunter	15%
Element Supervisor:	Duane White	80%
Team Leaders:	Derek Heyn/Jayson Collins	100%
Team Members:	14 - EO's 2 - RMW's	100%
Engineer:	Scott Lambert	15%

# Surface Treatment\* Double Course\*

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	L11900	BOIS D ARC RD	HWY 290	TOWER RD	0.79
1	L11900	BOIS D ARC RD	TOWER RD	926' N OF TOWER RD	0.18
1	L11900	BOIS D ARC RD	JOHNSON RD	KIMBRO WEST RD	1.18
1	L09910a	CAMERON RD	SPRINKLE RD	BLUE GOOSE RD	0.49
1	L10601	FARMHAVEN RD	625' E OF ST MERRYN	BOYCE LN	0.44
1	O12800	FELDER LN	FM 973 RD	MANDA CARLSON RD	1.86
11	L11300	JOHNSON RD (1)	JOHNSON ROAD TRAILS	4851 FT E OF JOHNSON ROAD TRAILS	0.91
1	L11300	JOHNSON RD (2)	4851 FT E OF JOHNSON ROAD TRAILS	6511 FT E OF JOHNSON ROAD TRAILS	0.31
1	L11300	JOHNSON RD (4)	1046 FT W OF BOIS D ARC	BOIS D ARC	0.20
11	L11910	TOWER RD	SUNCREST RD	BOIS D ARC RD	1.14
2	N07831	BRONC DR	YUCCA DR	CUL-DE-SAC WEST	0.03
4	D09800	BLOCKER LN	MOORE RD	VON QUINTUS RD	1.28
4	C09401	BURKLAND FARMS RD	FM 812 RD	MOORE RD	1.03
4	D07120	CHAPPELL LN	CLL AUSTIN	END	0.11
4	C08800	EVELYN RD (01)	FM 1327 RD	1294 FT E OF FM 1327	0.25
4	C08800	EVELYN RD (02)	2221 FT E OF FM 1327	TOM SASSMAN RD	0.41
4	C08800	EVELYN RD (03)	TOM SASSMAN RD	SH 45 ROW NORTH	0.27
4	D10402	FOREST GLEN CV	CUL-DE-SAC	TIMBER HILLS DR	0.19
4	C10600	HOKANSON RD	MAHA LOOP RD	BECKER LN	1.12
4	E08505	OLD LOCKHART HWY	HUNTERS RIDGE RD	FM1625 RD	1.34
4	E08505	OLD LOCKHART HWY	CARL RD	HUNTERS RIDGE RD	0.14
4	F09500	SHAW LN	MCKINNEY FLS	100' N OF GATE	0.39
				Total Miles	14.06

<sup>\*\*\* =</sup> to be started after Rehabilitation work is completed.

# Grade 6\*

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	K09803	ANDTREE BLVD	DANZ BLVD	SPRINGDALE RD	0.17
1	J09401	ARCTIC CT	POINT HORTH DR	CUL-DE-SAC	0.05
1	L11801	ARMSTRONG AVE	NEW KATY LN	US 290 E	0.28
1	H11502	ARMSTRONG AVE	JFK DR	MELODY LN	0.07
1	L09901	BARR LN	CAMERON RD	END	0.38
1	H11508	BELAFONTE BLVD	CAROLINE	JACQUELINE LN	0.06
1	H11508	BELAFONTE BLVD	JACQUELINE LN	MELODY LN	0.12
1	L11911	BELTEX DR	VIKING JACK ST	RACIN PATTY ST	0.30
1	L11911	BELTEX DR	US 290	VIKING JACK ST	0.35
1	J10000	BREEZY HILL DR	JOHNY MORRIS	END	0.22
1	H10915	BULLACE ST	VASEY BLVD	WIDELEAF DR	0.18
1	H11511	BULLBRIAR RD	WIDELEAF DR	DEAD-END WEST	0.02
1	H10901	CADILLAC DR	FM 969	CHAMBERLAIN	0.32
1	H10901	CADILLAC DR	CHAMBERLAIN DR	END	0.12

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	N10402	CALM HARBOR DR	HIDDEN HARBOR DR	SILENT HARBOR LOOP	0.06
1	H11506	CAROLINE LN	BELAPONTE BLVD	END	0.10
1	L11803	CEDER ST	HWY 290	ARMSTRONG AVE	0.36
1	H11501	CHAMBERLAIN CT	JFK DR	CADILLAC DR	0.07
1	H11501	CHAMBERLAIN CT	CADILLAC DR	461 FT W OF CADILLAC	0.09
			461 FT W OF CADILLAC		
1	H11501	CHAMBERLAIN CT	DR 50	NETLEAF RD 150' N EDENBOURGH	0.20
1	K09401	CHIMNEY HILL BLVD	US HWY 290	LN	0.31
1	J09402	COMPASS DR	BREEZY HL	POINT NORTH DR	0.34
1	K09409	COPPERMEAD LN	EDENBOURGH LN	WELLESLEY DR	0.22
1	K09802	DANZ BLVD	DUKE RD	DEAD END	0.09
1 _	H10902	DELTA POST DR	139 FT S OF CHAMBERLAIN CT	MIMEBARK WAY	0.19
1	K09411	DOVERCLIFFE CV	WELLESLEY DR	CUL-DE-SAC	0.06
1	K09801	DUKE RD	DEAD END	SPRINGDALE RD	0.30
1	L11922	EAST JET ST	BELTEX DR	MADDTEX DR	0.19
1	K09410	EDENBOURGH LN	COPPERMEAD LN	CUL-DE-SAC	0.25
1	N10403	HARBOR POINT DR	160 FT W OF SILENT HARBOR LOOP	SILENT HARBOR LOOP	0.06
1	N10400	HIDDEN HARBOR DR	144 FT W OF MISTY HARBOR DR	SILENT HARBOR LOOP	0.14
1	H11504	JFK DR	CHAMBERLAIN CT	ARMSTRONG AVE	0.11
1	H11504	JFK DR	ARMSTRONG AVE	BELAFONTE BLVD	0.27
1	H11504	JFK DR	BELAPONTE BLVD	MELODY LN	0.19
1	J10103	LARICAL TRL	NORTH LAKE DR	DECKER LN	0.20
1	L11923	MADDTEX DR	EAST JET ST	73 FT S OF EASY JET ST	0.01
1	H11503	MELODY LN	START OF PAVEMENT	BELAFONTE BLVD	0.16
1	H11503	MELODY LN	BELAFONTE BLVD	BEND OF RD	0.16
1	H10912	MIMEBARK WAY	86 FT W OF VASEY BLVD	WIDELEAF DR	0.19
1	N10401	MISTY HARBOR DR	HIDDEN HARBOR DR	SILENT HARBOR LOOP	0.06
1	H10911	MOSSYCUP LN	NETLEAF DR	CUL-DE-SAC EAST	0.19
1	H10909	NETLEAF RD	CHAMBERLAIN CT	NUTTALL DR	0.11
1	L11805	NEW KATY LN	ARMSTRONG AVE	ARMSTRONG AVE	0.30
1	H11509	NO NAME	CADILLAC DR	DEAD-END NORTH	0.06
1	J10102	NORTH LAKE DR	LARICAL TRL	WEST CREST LN	0.07
1	J10001	NORTHVIEW CV	NORTH VIEW LN	CUL-DE-SAC	0.03
1	J10002	NORTHVIEW LN	COMPASS	CUL-DE-SAC	0.25
1	H10910	NUTTALL DR	NETLEAF DR	CUL-DE-SAC EAST	0.17
1	J09400	POINT NORTH DR	BREEZY HL	JOHNY MORRIS	0.44
1	K11400	RACIN PATTY ST	BELTEX DR	734 FT E OF BELTEX DR	0.14
1	H10914	SABAL PALM RD	VASEY BLVD	WIDELEAF DR	0.18
1	O11516	SILENT HARBOR LOOP	785 FT S OF HIDDEN LAKE CRSG	BECKER FARM RD	0.16
1	O11516	SILENT HARBOR	BECKER FARM RD	HARBOR POINT DR	0.36
1	J09403	STARCREST LN	POINT NORTH DR	COMPASS	0.20
1	H10903	TRUMAN OAK CV	DELTA POST DR	CUL-DE-SAC WEST	0.03
1	H11507	TRUMPET DR	CAROLINE	JACQUELINE LN	0.06
1	H11507	TRUMPET DR	JACQUELINE LN	JFK DR	0.06

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	H10913	VASEY BLVD	MIMEBARK WAY	CUL-DE-SAC NORTH	0.17
1	L11913	VIKING JACK ST	CUL-DE-SAC WEST	BELTEX DR	0.06
1	L11913	VIKING JACK ST	BELTEX DR	DEAD-END EAST	0.11
1	K09408	WELLESLEY DR	EDENBOURGH LN	CUL-DE-SAC	0.28
1	J10101	WEST CREST LN	NORTH LAKE DR	DECKER LN	0.19
1	H11510	WIDELEAF DR	MIMEBARK WAY	98 FT N OF BULLBRIAR RD	0.36
2	009607	EMMETT PKWY (2)	WELLS PORT DR	52 FT W OF WELLS PORT DR	0.01
2	009607	EMMETT PKWY (3)	52 FT W OF WELLS PORT DR	CUL-DE-SAC WEST	0.15
2	M10003	OLD GREGG LN	HOWARD LN	HOWARD LN	0.56
2	O09612	QUIET POND CT	EMMETT PKWY	CUL-DE-SAC SOUTH	0.12
2	009604	RICK WHINERY DR	WELLS PORT DR	EMMETT PKWY	0.21
3	F04403	ANTLER BEND RD	CUL-DE-SAC	SOUTH WEST OAKS	0.28
3	S05900	APPLE SPRINGS CIR	CUL-DE-SAC	APPLE SPRINGS DR	0.15
3	S05901	APPLE SPRINGS DR	FM 2243	CUL-DE-SAC	1.17
3	S05902	APPLE SPRINGS HW	APPLE SPRINGS DR	CUL-DE-SAC	0.80
3	G05504	BAXTER CIR	BAXTER LN	CUL-DE-SAC	0.05
3	G05503	BAXTER LN	US HWY 290	CIRCLE DR	0.47
3	P05802	BEACH RD	DEAD END	HILL RD	0.64
3	D06803	BIG VALLEY DR	CUL-DE-SAC	FM 1626 RD	0.25
3	D06901	BLACK BEAR DR	END	BOB JOHNSON RD	0.34
3	G05613	BLUE HILL CT	CUL-DE-SAC	OAK VALLEY TRL	0.09
3	H05801	BLUE HILL DR	THOMAS SPRINGS RD	DISTANT VIEW DR	0.55
3	D06801	BOB JOHNSON RD	JOHNSON LN	END	0.23
3	G05904	BOLING DR	US HWY 290	THUNDERBIRD RD	0.14
3	G04101	BONHAM LN	NORTH END	WHITE TAIL TRL	0.27
3	G04101	BONHAM LN	WHITE TAIL TRL	TRAVIS-HAYS CO	0.18
3	O05004	BREEZE WAY	DEAD END	REED PARK RD	0.57
3	D07009	BRIGGS DR	WIRTH RD	DEANE RD	0.06
3	G05616	BRONZEWOOD DR	TWILIGHT VISTS	CUL-DE-SAC	0.29
3	D06401	BROWN BEAR LN	BURSON DR	BURSON DR	0.19
3	D06401	BROWN BEAR LN	END	BURSON DR	0.01
3	S05905	BROWN BLUFF CIR	CUL-DE-SAC	APPLE SPRINGS DR	0.29
3	D06902	BURSON DR	BLACK BEAR DR	UTAH CIR	0.33
3	D06902	BURSON DR	UTAH CIR	BLACK BEAR DR	0.43
3	G05714	BUTLER CIR	TARA LN	CUL-DE-SAC	0.07
3	P05804	CHALET CIR	CHALET	JOHNSON RD	0.25
3	R04907	CHERRY HOLLOW DR	LINDEMAN LN	CUL-DE-SAC	0.73
3	R04907	CLEAR SPRINGS CT	LINDEMAN LN	CUL-DE-SAC	0.75
3	R04902	COLD SPRING DR	CHERRY HOLLOW DR	CUL-DE-SAC	0.03
3	R04900	CROSSOVER LN	LONG HILL DR	LONG HILL DR	0.52
3	H05600	D MORGAN RD	RAWHIDE TRL	DEAD END (WEST)	
3				END	0.57
	D07013	DEANE RD	MERIDITH DR		0.23
3	H05700	DISTANT VIEW DR	NORTH END	CUL-DE-SAC	0.21
3	S05904	DORMAX CIR	CUL-DE-SAC	APPLE SPRINGS DR	0.17
3	E07503	DREW LN	OLD MANCHACA RD	END	0.30

Pct	Fac ID	Road Name	Begin	Ending	Miles
3	G04204	DRIFT DR	DEAD END	WINDINH CREEK DR	0.09
3	D06407	EDGEBROOK DR	END	FM 1626	0.11
3	G05612	ELM CREEK CV	CUL-DE-SAC	OAK VALLEY TRL	0.10
3	G05601	ELM GROVE CIR	ROCK WAY DR	CUL-DE-SAC	0.06
3	G04203	FLASHPOINT CT	CUL-DE-SAC	WINDING CREEK DR	0.07
3	G05711	FLINTROCK CIR	HONEYCOMB DR	LEDGESTONE TERRACE	0.48
3	F05000	FRIAR VILLA DR	SPRING VALLEY RD	END	0.25
3	E06831	GUN FIGHT LN	SESBANIA DR	BLACKSMITH LN	0.13
3	E06831	GUN FIGHT LN	BLCKSMITH LN	SHOOT OUT CT	0.13
3	E06831	GUN FIGHT LN	SHOOT OUT CT	GATLING GUN LN	0.16
3	E06831	GUN FIGHT LN	GATLING GUN LN	CUL-DE-SAC	0.06
3	S05906	HARKEY CV	APPLE SPRINGS DR	CUL-DE-SAC	0.10
3	S05903	HEDDER CIR	CUL-DE-SAC	APPLE SPRINGS HOLW	0.13
3	D06300	HEWITT LN	FRATE BARKER RD	BRODIE L	0.52
3	R04905	HIGHCLIMB CT	CHERRY HOLLOW DR	CUL-DE-SAC	0.34
3	P05801	HILL DR	DEAD END	JOHNSON RD	0.39
3	O03006	HOLLINGSWORTH RD	CUL-DE-SAC	SINGLETON BND	0.66
3	G05710	HONEYCOMB DR	LEDGESTONE TER	CUL-DE-SAC	0.52
3	G06502	HUDSON LP	US HWY 290	ROSSON DR	0.26
3	D06801	JOHNSON LN	FM 1626 RD	BOB JOHSON RD	0.30
3	P05901	JOHNSON RD	CHALET CIR	TRAILS END RD	1.47
3	P05901	JOHNSON RD	END	CHALET CIR	0.28
3	D07109	KATY LN	END	SAN LEANNA DR	0.17
3	G05709	LEDGESTONE TERRACE	US HWY 290	SANDSTONE ST	1.06
3	R05600	LINDEMAN LN	NAMELESS RD	CHERRY HOLLOW C	1.82
3	R05600	LINDEMAN LN	CHERRY HOLLOW C	LINDEMAN LP	0.86
3	R04908	LINDEMAN LP	LINDEMAN LA	LINDEMAN LN	0.84
3	G04100	LITTLE THICKET RD	WHITE TAIL TRL	CUL-DE-SAC	0.80
3	R04910	LONESOME CT	LONG HILL DR	CUL-DE-SAC	0.08
3	R04904	LONESOME CV	LONESOME CT	CUL-DE-SAC	0.09
3	G04700	LONG BRANCH DR	WINDING CREEK DR	LONG BR	0.15
3	G04700	LONG BRANCH DR	SLEEPY HOLW	WINDING CK	0.30
3	G04700	LONG BRANCH DR	LONG BRANCH DR	SLEEPY HOLW	0.64
3	G04700	LONG BRANCH DR	WHITE TAIL TRL	LONG BRANCH DR	0.13
3	G04700	LONG BRANCH DR	FITZHUGH RD	WHITE TAIL TRL	0.53
3	R04909	LONG HILL CV	LONG HILL DR	CUL-DE-SAC	0.11
3	R04901	LONG HILL DR	LINDEMAN LA	LINDEMAN LA	0.92
3	E07500	LYNNBROOK DR	END	OLD MANCHACA RD	0.31
3	E06900	MARGRA LN	DREW LN	END	0.15
3	G05614	MEADOW GREEN CT	OAK VALLEY TRL	CUL-DE-SAC	0.07
3	D07012	MEREDITH DR	WIRTH RD	MANCHACA RD	0.17
3	G05609	OAK GROVE CIR	ROCK WAY DR	CUL-DE-SAC	0.05
3	G05611	OAK VALLEY CT	ROCK WAY DR	CUL-DE-SAC	0.13
3	G05610	OAK VALLEY TRL	END	ROCK WAY DR	0.28

Pct	Fac ID	Road Name	Begin	Ending	Miles
3	G05502	OLIVER CEMETERY RD	CIRCLE DR	CEMETAR	0.25
3	G05605	OLIVER CIR	OLIVER DR	CUL-DE-SAC	0.04
3	G05603	OLIVER DR	US HWY 290	OLIVER CEMETERY	0.28
3	D06903	PANDA LN	BLACK BEAR DR	END	0.12
3	003812	PARADISE CT	PARADISE CV	CUL-DE-SAC	0.08
3	003813	PARADISE CV	TRAVIS OAKS DR	CUL-DE-SAC	0.42
3	O03501	PENINSULAR DR	SINGLETON DR	SINGLETON DR	0.19
3	G05712	RAMBLE THREE ST	HONEYCOMB DR	END	0.31
3	R04912	RANCH HOUSE CV	LINDEMAN LP	CUL-DE-SAC	0.07
3	G05203	RAWHIDE TRL	D MORGAN RD	DEAD END (NORTH)	1.09
3	G05203	RAWHIDE TRL	CIRCLE DR	D MORGAN RD	0.84
3	P05900	RED WAGON LN	DEAD END	TRAILS END RD	0.61
3	G05600	ROCK WAY DR	CUL-DE-SAC	US HWY 290	0.82
3	G06500	ROSSON DR	END	US HWY 290	0.14
3	D07105	SAN LEANNA DR	FM 1626 RD	KATY LN	0.14
3	E07501	SANDERS ST	OLD MANCHACA RD	MARGRA LN	0.21
3	F05200	SANDSTONE ST	LEDGESTONE TER	END	0.30
3	R04900	SANDY RDG	LINDEMAN LP	CUL-DE-SAC	0.10
3	G05715	SCARLET CIR	CUL-DE-SAC	TARA LN	0.10
3	G05906	SCENIC BROOK DR	US HWY 290	THUNDERBIRD RD	0.20
3	G05608	SCHMIDT LN	US 290 W	DEAD-END (SOUTH)	0.32
3	D07017	SECOND ST	FM 1626 RD	TWIN CREEKS RD	0.05
3	G05615	SHALLOWFORD DR	BRONZEWOOD DR	US HWY 290	
3	E06820	SHOOT OUT CT	CUL-DE-SAC	GUN FIGHT LN	0.19
3	F04401	SIGNAL HILL DR	RIM ROCK TRL		0.07
3	P03100	SINGLETON BEND EAST RD	SINGLETON BND	US HWY 290 CIRCLE J RD	1.73
3	P03700	SINGLETON BEND RD	SINGLETON BND	SINGLETON RD	0.87
3	P03700	SINGLETON BEND RD	SINGLETON RD	HOLLINGSWORTH RD	0.27
3	P03700	SINGLETON BEND RD	HOLLINGSWORTH RD	SINGLETON DR	0.74
3	P03700	SINGLETON BEND RD	SINGLETON BEN D RD	FM 1431	2.49
3	O03500	SINGLETON DR	SINGLETON BND	SINGLETON BND	0.31
3	O03001	SINGLETON RD	SINGLETON BND	4300 SINGLETON	0.68
3	E06819	SIX GUN TRL	CULDESAC	CULDESAC	0.18
3	G04202	SLEEPY HOLLOW RD	CUL-DE-SAC	LONG BRANCH DR	0.09
3	F04402	SOUTH WEST OAKS	US HWY 290	CUL-DE-SAC	0.71
3	G05602	SPRING CIR	ROCK WAY DR	CUL-DE-SAC	0.11
3	G05500	SPRING VALLEY RD	VALLEY VIS	END	0.13
3	R04903	SWEET SPRINGS CT	LINDEMAN LN	CUL-DE-SAC	0.06
3	G05716	TARA LN	US HWY 290	CUL-DE-SAC	0.56
3	D06904	TOPPER LN	BROWN BEAR LN	END	0.26
3	O03800	TRAVIS OAKS DR	PARADISE CV	SINGLETON BEND EAST R	0.90
3	G05617	TWILIGHT VISTA	CUL-DE-SAC	CUL-DE-SAC	0.39
3	D06402	UTAH CIR	CUL-DE-SAC	BURSON DR	0.05

Pct	Fac ID	Road Name	Begin	Ending	Miles
3	G04800	WAGON RD WEST ST	FITZHUGH RD	DEAD END	0.69
3	G04200	WHITE TAIL TRL	LONG BRANCH DR	BONHAM LN	0.46
3	G04201	WINDING CREEK RD	FITZHUGH RD	DRIFT DR	0.61
3	G04201	WINDING CREEK RD	DRIFT DR	BARRACADES PAST	0.14
3	D07011	WIRTH RD	END	END	0.35
4	F11501	ALBERT BROWN DR	HWY 71	GREENWOOD	0.55
4	F12501	BARB RD	END	RIVER RD	0.05
4	F10700	BURCH DR	HWY 71	END	0.45
4	F11500	CALDWELL LN	VICTORINE	RIVER TIMBERS	1.94
4	F11500	CALDWELL LN	ALBERT BROWN DR	VICTORINE	0.59
4	D07001	CHAPPELL LN	AUSTIN CLL	FM2304	0.24
4	G11903	CITATION CIR	MAN-O-WAR	CUL-DE-SAC	0.39
4	G11900	CITATION DR	MAN-O-WAN DR	WHIRLAWAY DR	1.03
4	G11900	CITATION DR	WHIRLAWAY DR	RIVER TIMBER DR	0.68
4	D07005	EASY ST	MOORELAND DR	CHAPPELL LN	0.19
4	D11000	FAGERQUIST RD	ELROY RD	TIMBER HILLS DR	1.94
4	D11000	FAGERQUIST RD	TIMBER HILLS DR	LINDEN RD	0.32
4	D11000	FAGERQUIST RD	LINDEN RD	TRAVIS-BSTRP CO	0.60
4	F11700	GRANNY DR	HWY 71	CUL-DE-SAC	0.24
4	F11502	GREENWOOD DR	CALDWELL LN	ALBERT BROWN DR	0.45
4	F11502	GREENWOOD DR	ALBERT BROWN DR	END	0.01
4	D11002	HAYRIDE CIR	HAYRIDE RD	CUL-DE-SAC	0.19
4	D11001	HAYRIDE RD	PEARCE LN	HAYRIDE CIR	0.28
4	D11001	HAYRIDE RD	HAYRIDE CIR	HIGH NOON	0.26
4	D11003	HIGH NOON	LINDEN RD	HAYRIDE RD	0.38
4	D11003	HIGH NOON	HAYRIDE RD	FAGERQUIST RD	0.39
4	F11503	HOUSTON LN	DEAD END	GREENWOOD DR	0.34
4	D07004	JOY ST	CHAPPELL LN	MOORELAND DR	0.19
4	D10901	LINDEN LP	END OF PVT	LINDEN RD	0.36
4	D10901	LINDEN LP	END	FAGERQUIST RD	0.30
4	D10800	LINDEN RD	PEARCE LN	HIGH NOON	0.51
4	D10800	LINDEN RD	HIGH NOON	FAGERQUIST RD	0.27
4	D10800	LINDEN RD	FAGERQUIST RD	LINDEN LP	0.65
4	D10800	LINDEN RD	LINDEN LP	JACOBSON RD	0.60
4	G11902	MAN O WAR DR	RIVER TIMBER DR	CUL-DE-SAC	0.78
4	D07006	MAYO ST	CHAPPELL LN	MOORELAND DR	0.20
4	F11901	MEADOW DR	TUCKER HILL LN	TUCKER HILL LN	0.32
4	D07003	MOORELAND DR	MAYO ST	MANCHACA RD	0.23
4	D10401	PANARAMA CT	TIMBER HILLS DR	CUL-DE-SAC	0.20
4	F11504	RICHARDS DR	HWY 71	HWY 71	0.56
4	F11902	RIVER RD	CUL-DE-SAC	BARB RD	0.84
4	F11902	RIVER RD	BARB RD	MEADOW DR	0.55

Pct	Fac ID	Road Name	Begin	Ending	Miles
4	G11800	RIVER TIMBER DR	CALDWELL LANE E	CITATION DR	0.62
4	G11800	RIVER TIMBER DR	CITATION DR	WHIRLAWAY DR	0.40
4	D07002	SUSIE ST	CHAPPELL LN	MOORELAND DR	0.19
4	D10400	TIMBER HILLS DR	PEARCE LN	FAGERQUIST RD	0.83
4	E11400	TUCKER HILL LN	MEADOW DR	TRAV-BSTRP CL	0.13
4	E11400	TUCKER HILL LN	MEADOW DRIVE	MEADOW DRIVE	0.28
4	F11200	VICTORINE LN	CALDWL	CUL-DE-SAC	0.57
4	G11901	WHIRLAWAY DR	MAN-O-WAR DR	RIVER TIMBER DR	0.41
4	G11901	WHIRLAWAY DR	RIVER TIMBER DR	END	0.36
				Total Miles	81.26

<sup>\*</sup> The Annual Work Plan is a guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

# 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.

# **Actions:**

• To complete approximately 30 miles on accepted roads.

# **Performance Monitors and Measures:**

- Completion of all projects that are identified through the pavement management system, work order response, and an evaluation by traffic personnel.
- 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.

# Complete maintenance applications on schedule:

# Restore 30 miles:

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

Element Managers:	Eddie Jones	10%
Element Supervisors:	Vacant	45%
Team Leaders:	David Reyes	100%
Team Members:	4 - EO's 2 - 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.

# Actions:

- 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.

# **Performance Monitors and Measures:**

- Completion of all projects that are identified in the work plan derived by the pavement management system.
- 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 Completion Times (includes 5 day response time):

- East Region 8 days
- West Region 6 days

Element Manager:	David Hunter	10%
Element Supervisor:	Brian Cherry	90%
Team Leaders:	Woodrow Washington, East	100%
	Claudie Young, West	100%
Team Members:	13 - 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 Manager will coordinate with financial services and the purchasing office to administer contracts.

# **Actions:**

- To complete approximately 60.06 miles of 1 ½" Overlays.
  - Precinct One 19.15 miles
  - Precinct Two 1.53 miles
  - Precinct Three 16.68 miles
  - Precinct Four 22.70 miles
- To complete selected Parks and Facility Projects subject to funding.
- To complete 28.06 miles of Alternative Paving- Asphalt Rejuvenation

# **Performance Monitors and Measures:**

- Completion of all projects that are identified in the work plan derived by the pavement management system.
- 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.

# **Prepare FY15 HMAC Overlay Contracts:**

- 1 ½" Overlay Program
- Advertise contracts by:

03/15/15

# Administer 1-1/2" Overlay Contract:

Begin overlay applications by:

06/15/15

Complete overlay applications by:

09/30/15

# **Staff Assignment & Time Investment:**

Element Manager:

**David Hunter** 

25%

Engineer

Scott Lambert

30%



# 1 ½" OVERLAY\*

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	J12908	ALICIA DR	MORIN DR	TRAVIS-BSTRP CO	0.20
1	L10711	BELLINGHAM DR	BOYCE LN	50 FEET SOUTH OF PARMER LN	0.01
1	H10120	BLUE BLUFF RD (1)	FM 969 RD	CATHERINE DR	0.52
1	H10120	BLUE BLUFF RD (2)	CATHERINE DR	ESQUIRE ACRES LN	0.48
1	H10120	BLUE BLUFF RD (3)	ESQUIRE ACRES LN	DECKER LAKE RD	0.38
1	H10120	BLUE BLUFF RD (4)	DECKER LAKE RD	HOGEYE RD	0.10
1	L11900	BOIS D ARC RD***	HWY 290	TOWER RD	0.79
1	L11900	BOIS D ARC RD***	TOWER RD	926' N OF TOWER RD	0.18
1	L11900	BOIS D ARC RD***	JOHNSON RD	KIMBRO WEST RD	1.18
1	K10410	BOYCE LN	AUSTIN CLL	PARMER LN	0.64
1	L09910a	CAMERON RD***	SPRINKLE RD	BLUE GOOSE RD	0.49
1	K10601	CROFFORD LN	A & NW RR	US HWY 290	0.17
1	K10501	DAFFAN LN	OLD MANOR RD	JOHNNY MORRIS RD	0.40
1	J10600	DECKER LAKE RD (1)	1016 FT EAST OF DECKER LN	IMPERIAL DRIVE NORTH	0.53
1	J10600	DECKER LAKE RD (2)	IMPERIAL DRIVE NORTH	BLUE BLUFF RD	0.59
1	J10600	DECKER LAKE RD (3)	TAYLOR LN	NEZ PERCE TRC	1.09
1	L09700	DESSAU RD	FISH LN	353 FT N OF REDOVA	1.45
1	L10601	FARMHAVEN RD***	625' E OF ST MERRYN	BOYCE LN	0.44
1	O12800	FELDER LN***	FM 973 RD	MANDA CARLSON RD	1.86
1	J11501	GILBERT RD	HOGEYE RD	NEZ PERCE TRC	0.14
1	J12901	INGRAM DR	END	END	0.19
1	H11505	JACQUELINE LN (1)	TRUMPET DR	315 N OF TRUMPET DR	0.06
1	H11505	JACQUELINE LN (2)	315 N OF TRUMPET DR	BELAFONTE BLVD	0.00
1	H11505	JACQUELINE LN (3)	BELAFONTE BLVD	MELODY LN	0.11
1	L11300	JOHNSON RD (1)***	JOHNSON ROAD TRAILS	4851 FT E OF JOHNSON ROAD TRAILS	0.91
1	L11300	JOHNSON RD (2)***	4851 FT E OF JOHNSON ROAD TRAILS	6511 FT E OF JOHNSON ROAD TRAILS	0.31
1	L11300	JOHNSON RD (4)***	1046 FT W OF BOIS D ARC	BOIS D ARC	0.20
1	J12902	MORIN DR	HOGEYE RD	INGRAM DR	0.51
1	H11001	NEZ PERCE TRC (1)	DECKER LAKE RD	WELLS TRC	0.59
1	H11001	NEZ PERCE TRC (2)	WELLS TRC	GLIBERT RD	0.82
	1/40540	01.0.141100.00.40		2652 FT E OF	
1	K10510 K10510	OLD MANOR RD (1) OLD MANOR RD (2)	FERGUSON CUTOFF 473 FT WEST OF KARLING DR	FERGUSON CUTOFF KARLING DR	0.50
1	K10510	OLD MANOR RD (3)	KARLING DR	JOHNNY MORRIS	0.86
1	L11001	RECTOR LP	GREGG MANOR RD	FUCHS GROVE RD	1.00
1	L11910	TOWER RD***	SUNCREST RD	BOIS D ARC RD	1.14
•	211010	TOTTELLING	OUTONEOT NO	Total Pct 1	19.15
2	N07831	BRONC DR***	YUCCA DR	CUL-DE-SAC WEST	0.03
2	J07801	LAKESHORE DR	WESTLAKE DR	CUL-DE-SAC WEST	0.03
2	M06003	MOUNTAIN TRL (1)	COMANCHE TRL	LAKEVIEW DR	0.47
2	M06003	MOUNTAIN TRL (2)	LAKEVIEW DR	SKYLINE DR	0.03
2	M06003	MOUNTAIN TRL (2)	SKYLINE DR	380 FT N OF SKYLINE DR	0.11
2	M06003	MOUNTAIN TRL (3)	380 FT N OF SKYLINE DR	PANORAMA DR	0.23
2	M06003	MOUNTAIN TRL (4)	PANORAMA DR	DEAD END	0.16

Pct	Fac ID	Road Name	Begin	Ending	Miles
2	M06001	PANORAMA DR	MOUNTAIN TRL	CUL-DE-SAC	0.31
				Total Pct 2	1.53
3	L05025	AQUA AZUL PATH	BUFFALO GAP RD	409 FT W OF BUFFALO GAP	0.08
3_	H06111	BARTON CREEK BLVD (5)	LOST CREEK BLVD	MISTY CREEK DR	0.44
3	H06111	BARTON CREEK BLVD (6)	MISTY CREEK DR	HENRY MARX LN	0.94
3	H06111	BARTON CREEK BLVD (7)	HENRY MARX LN	SOUTHWEST PKWY	0.55
3	L04405	BUFFALO GAP RD (1)	STEWART RD	SPRING BR	0.29
3	L04405	BUFFALO GAP RD (2)	SPRING BR	LAKE LP	0.39
3	L04403	BUNNY HOP TRL	CEDAR HURST LN	ROUND MOUNTAIN DR	0.08
3	G05509	CIRCLE DR	THOMAS SPGS	OLIVER CEMETARY	1.64
3	G05509	CIRCLE DR	OLIVER CEMETERY	US HWY 290 W	0.79
3	G05914	EL DORADO DR	EL REY BLVD	EL REY BLVD	1.23
3	L05700	FORT SMITH TRL (1)	DEBBA DR	WASHOE CIR	0.35
3	L05700	FORT SMITH TRL (2)	WASHOE CIR	DEBBA DR	0.10
3	L04700	HURST CREEK RD	202 FT N OF LOCHAN ORA DR	500 FT N OF HURST HOLLOW	0.37
3	H05900	OLD BEE CAVE RD	STATE HWY 71	CLL AUSTIN	0.69
3	E07801	OLD SAN ANTONIO RD (1)	FM 1626 RD	TWIN CREEK RD	1.44
3	E07801	OLD SAN ANTONIO RD (2)	TWIN CREEKS RD	HAYS CO LINE	1.80
3	S05000	ROUND MOUNTAIN RD	NAMELESS RD	FULKES LN	0.60
3	M05624	SAN ANTONIO ST	FM 620	IOWA ST	0.20
3	L04407	SPRING BRANCH TRL	STEWART RD	BUFFALO GAP RD	0.44
3	H07600	STONERIDGE RD	AUSTIN CLL	CAPITAL OF TEXAS	0.69
3	H07114	STONERIDGE TERRACE	END	STONERIDGE RD	0.24
3	H05800	THOMAS SPRINGS RD	US HWY 71	CIRCLE DR	1.58
3	D07600	TWIN CREEKS RD (1)	FM 1626	SPARKLE DR	0.54
3	D07600	TWIN CREEKS RD (2)	SPARKLE DR	ARROYO DOBLE	0.53
3	D07600	TWIN CREEKS RD (3)	ARROYO DOBLE	OLD SAN ANTONIO	0.65
		, ,		Total Pct 3	16.68
4	E09902	APPERSON ST	ELROY RD	ROSS RD	0.69
4	D09800	BLOCKER LN***	MOORE RD	VON QUINTUS RD	1.28
4	C09401	BURKLAND FARMS RD***	FM 812 RD	MOORE RD	1.03
4	D07120	CHAPPELL LN***	CLL AUSTIN	END	0.11
4	C08400	COULVER RD	THAXTON RD	FM 1625 RD	1.46
4	C08800	EVELYN RD (01)***	FM 1327 RD	1294 FT E OF FM 1327	0.25
4	C08800	EVELYN RD (02)***	2221 FT E OF FM 1327	TOM SASSMAN RD	0.23
4	C08800	EVELYN RD (03)***	TOM SASSMAN RD	SH 45 ROW NORTH	0.41
4	C08800	EVELYN RD (05)	1448 FT E OF US 183	REATA DR	0.15
4	C08800	EVELYN RD (06)	REATA DR	779 FT E OF REATA DR	0.15
4	D10402	FOREST GLEN CV***	CUL-DE-SAC	TIMBER HILLS DR	0.19
4	B08600	GRAEF RD (1)	TURNERSVILLE RD	1367 FT S OF TURNERSVILLE RD	0.19
4	B08600	GRAEF RD (3)	1925 FT S OF TURNERSVILLE RD	5521 FT S OF TURNERSVILLE RD	0.75

Pct	Fac ID	Road Name	Begin	Ending	Miles
4	C10600	HOKANSON RD***	MAHA LOOP RD	BECKER LN	1.12
4	C10600	HOKANSON RD	BECKER RD	DOYLE OVERTON RD	0.82
4	C10600	HOKANSON RD	DOYLE OVERTON RD	COUNTY LINE	0.13
4	B09300	MAHA RD	1759' SE OF SCHRIBER RD	TRAVIS-CWELL CO	1.43
4	E08505	OLD LOCKHART HWY***	HUNTERS RIDGE RD	FM1625 RD	1.34
4	E08505	OLD LOCKHART HWY***	CARL RD	HUNTERS RIDGE RD	0.14
4	E08700	THAXTON RD (2)	MC KINNEY FALLS PKWY	SASSMAN RD	0.69
4	E08700	THAXTON RD (3)	SASSMAN RD	COULVER RD	1.43
4	E08700	THAXTON RD (4)	COULVER RD	OLD LOCKHART	0.88
4	G09100	THOMPSON LN	HERGOTZ LN	1898 FT S OF HERGOTZ	0.36
_ 4	C09810	VON QUINTUS RD (3)	400 FT E OF TIFFANY TRL	BLOCKER LN	0.40
4	C09810	VON QUINTUS RD (4)	INTERSECTION RIGHT FORK	INTERSECTION RIGHT FORK	0.04
4	C09810	VON QUINTUS RD (5)	BLOCKER LN	SH 130 ROW NORTH	1.14
4	C09810	VON QUINTUS RD (6)	SH 130 ROW SOUTH	BURKLUND FARMS RD	0.62
4	C09810	VON QUINTUS RD (7)	BURKLUND FARMS RD	EILERS RD	0.39
4	B08601	WILLIAMSON RD (4)	GOFORTH RD	ELM GROVE RD	1.01
4	B08601	WILLIAMSON RD (5)	ELM GROVE RD	TRAVIS-CWELL CO	0.43
4	C10101	WILLIFORD LN	FM 812 RD	END	0.24
4	D11100	WOLF LN (1)	US HWY 71	MEURER LN	1.80
4	D11100	WOLF LN (2)	MEURER LN	931 FT N OF PEARCE LN	1.31
				Total Pct 4	22.70
				TOTAL ALL PCTS	60.06

<sup>\*\*\* =</sup> to be started after Rehabilitation work is completed.

<sup>\*</sup> The Annual Work Plan is a guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

Rejuvenation\*

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	P10946	AMBLING TRL	HUCKABEE BND	CUL-DE-SAC EAST	0.22
1	P11534	AUK RD	MURRELET WAY	HERON CALL TRL	0.11
1	O11515	BANDICE LN	SILENT WATER WAY	133 FT E OF SILENT WATER WAY	0.03
1	011515	BANDICE LN	133 FT E OF SILENT WATER WAY	BLUE POND DR	0.45
1	O11519	BLUE POND DR	608 FT E OF SANDY BOTTOM DR	HIDDEN LAKE CRSG	0.08
<u> </u>	011010	DEOLT OND DIX	BOTTOWIEK	608 FT E OF SANDY	0.00
11	011519	BLUE POND DR	SANDY BOTTOM DR	BOTTOM DR	0.12
1	P11522	BUTEO ST	MURRELET WAY	HAWKS SWOOP TRL	0.14
1	P11527	COMMONS PKWY	ROWE LN	MERIDIAN BLVD	0.26
1	P11542	CRESTED VANE DR	WINDY VANE DR	DEAD-END NORTH	0.03
1	011517	DAWSON'S CREEK DR	LAKE EDGE WAY	HIDDEN LAKE CRSG	0.08
1	O11502	DEEP WATER DR	TAYLOR FALLS DR	CUL-DE-SAC SOUTH	0.17
1	O11525	DENNIS LN	62 FT E OF ROLLING WATER DR	WILLIE DR	0.10
1	O11525	DENNIS LN	ROLLING WATER DR	62 FT E OF ROLLING WATER DR	0.01
1	P10947	DOVETAIL ST	HUCKABEE BND	AMBLING TRL	0.15
1	011531	DRY BROOK CRSG	DRY BROOK LOOP	DRY BROOK LOOP	0.09
1	O11530	DRY BROOK LOOP	HIDDEN LAKE DR	DRY BROOK LOOP	0.42
1	O10900	DRY LAKE LN	ENDLESS SHORE LN	TAYLOR FALLS DR	0.10
1	011504	DRY POND DR	BANDICE LN	ROLLING WATER DR	0.17
1	O11504	DRY POND DR	ROLLING WATER DR	CUL-DE-SAC NORTH	0.05
1	011104	EAGLE FLEDGE TERR	HARRIET FLIGHT TRL	STANLEY ROBIN LN	0.11
1	O10901	ENDLESS SHORE LN	TAYLOR FALLS DR	DEEP WATER DR	0.19
1	O11533	FRITZ FALLS CSRG	LYDIA SPRINGS DR	MASI LOOP	0.10
1	P10945	GAVIN TRL	HUCKABEE BND	MEAD BND	0.14
1	011101	HARRIER FLIGHT TRL	SPEIDEL DR	145 FT E OF EAGLE FLEDGE TERRACE	0.28
4	011101	HARRIER ELICHT TRI	145 FT E OF EAGLE	145 FT E OF HAWK HOOD	0.05
11	O11101	HARRIER FLIGHT TRL	FLEDGE TERRACE	DR UEBON CALL TRI	0.35
1	P11535	HARRIER HUNT RD	MURRELET WAY	HERON CALL TRL  118 FT N OF SIXPENCE	0.11
11	P11538	HAVANT WAY	WINDVIEW LN	LN	0.07
1	P11538	HAVANT WAY	118 FT N OF SIXPENCE LN	SIXPENCE LN	0.10
1	O11107	HAWK HOOD DR	HERON ROOST PASS	HARRIER FLIGHT TRL	0.06
1	P11520	HAWKS SWOOP TRL	MURRELET WAY	DEAD-END WEST	0.03
1	P11520	HAWKS SWOOP TRL	CUL-DE-SAC (WEST)	MARTIN LN	0.30
11	O11528	HEES CT	HEES LN	CUL-DE-SAC WEST	0.04
1	O11527	HEES LN	MASI LOOP	RANDIG LN	0.11
1	P11523	HERON CALL TRL	154 FT E OF BUTEO ST	RAPTOR ROOST RD	0.13
1	P11523	HERON CALL TRL	BUTEO ST	154 FT E OF BUTEO ST	0.03
1	O11106	HERON ROOST PASS	RAVEN CAW PASS	HAWK HOOD DR	0.22
1	O11521	HIDDEN PARK DR	387 FT E OF SANDY BOTTOM DR	BANDICE LN	0.03
1	O11521	HIDDEN PARK DR	SANDY BOTTOM DR	387 FT E OF SANDY BOTTOM DR	0.07
1	P10944	HUCKABEE BND	CUL-DE-SAC SOUTH	151 FT N OF GAVIN TRL	0.22
1	P10944	HUCKABEE BND	CUL-DE-SAC SOUTH	151 FT N OF GAVIN TRL	0.22
1	P10944	HUCKABEE BND	151 FT N OF GAVIN TRL	STONEPATH WAY	0.09
1	P10951	HUCKABEE TRL	HUCKABEE BND	DEAD-END WEST	0.03
1	O11535	JENNIE MARIE DR	RIPPLE POND WAY	CUL-DE-SAC NORTH	0.03

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	N11001	KERMIT CT	MASI LOOP	CUL-DE-SAC SOUTH	0.03
1	O11523	LAKE EDGE CT	LAKE EDGE WAY	CUL-DE-SAC SOUTH	0.08
4	044540	LAKE EDOE MAY	OUIL DE CACIMECT	161 FT E OF DAWSON'S	0.44
1	O11518	LAKE EDGE WAY	CUL-DE-SAC WEST 161 FT E OF DAWSON'S	CREEK DR	0.11
1	O11518	LAKE EDGE WAY	CREEK DR	170 FT W OF MASI LOOP	0.15
1	O11518	LAKE EDGE WAY	170 FT W OF MASI LOOP	MASI LOOP	0.03
1	O11532	LYDIA SPRINGS DR	MASI LOOP	RANDIG LN	0.11
1	P10950	LYNX CT	MEAD BND	CUL-DE-SAC WEST	0.04
1	O11526	MASI LOOP	ROLLING WATER DR	162 FT E OF HEES LN	0.33
1	O11526	MASI LOOP	162 FT E OF HEES LN	ROLLING WATER LN (EAST)	0.30
1	P10948	MEAD BND	WINDMILL RANCH AVE	181 FT N OF GAVIN TRL	0.12
1	P10948	MEAD BND	181 FT N OF GAVIN TRL	WINDMILL RANCH AVE	0.08
1	P11529	MERIDIAN BLVD	WINDMILL RIDGE ST	COMMONS PKWY	0.14
	111020	WENDIANGER	WIINDWILL TUDOL OT	482 FT N OF WINDVIEW	0.14
1	P11529	MERIDIAN BLVD	COMMONS PKWY	LN	0.14
1	P11529	MERIDIAN BLVD	482 FT N OF WINDVIEW LN	90 FT N OF SIXPENCE LN	0.11
1	P11529	MERIDIAN BLVD	90 FT N OF SIXPENCE LN	WINDY VANE DR	0.06
1	O11109	MERLIN FALCON TRL	EAGLE FLEDGE TER	MERLIN FALCON TRL	0.14
1	P11521	MURRELET WAY	HAWKS SWOOP TRL	95 FT S OF BUTEO ST	0.15
1	P11521	MURRELET WAY	95 FT S OF BUTEO ST	JACKIES RANCH BLVD	0.24
1	O11108	NESTING MOCKINGBIRD TRL	HARRIER FLIGHT TRL	MERLIN FALCON TRL	0.06
1	O11102	NIGHTJAR VIEW TERL	TRL	STANLEY ROBIN LN	0.08
1	P11526	PURPLE THISTLE DR	CUL-DE-SAC WEST	CUL-DE-SAC EAST	0.23
1	O11529	RANDIG LN	MASI LOOP (WEST)	153 FT E OF HEES LN	0.08
1	O11529	RANDIG LN	153 FT E OF HEES LN	MASI LOOP (EAST)	0.12
1	P11524	DARTOR ROOST PD	MURRELET WAY	133 FT S OF HAWKS	0.45
	F11524	RAPTOR ROOST RD	133 FT S OF HAWKS	SWOOP TRL	0.15
1	P11524	RAPTOR ROOST RD	SWOOP TRL	HAWKS SWOOP TRL	0.03
1	O11105	RAVEN CAW PASS	HARRIET FLIGHT TRL	DEAD-END EAST	0.08
1	P11528	RAVENSBROOK CT	MERIDIAN BLVD	CUL-DE-SAC WEST	0.05
1	O11534	RIPPLE POND WAY	SILENT HARBOR LOOP	JENNIE MARIE DR	0.04
1	O11507	ROCKY SHORE LN	WINDLESS WAY	146 FT E OF WINDLESS WAY	0.03
1	O11507	ROCKY SHORE LN	146 FT E OF WINDLESS WAY	VEILED FALLS DR	0.12
1	O11508	ROLLING WATER DR	DENNIS LN	MASI LOOP	0.07
1	O11508	ROLLING WATER DR	VEILED FALLS DR	142 FT E OF DRY POND DR	0.08
1	O11508	ROLLING WATER DR	142 FT E OF DRY POND DR	DENNIS LN	0.08
1	O11508	ROLLING WATER DR	MASI LOOP	MASI LOOP	0.13
1	O11520	SANDY BOTTOM DR	BANDICE LN	93 FT N OF BANDICE LN	0.13
1	O11520	SANDY BOTTOM DR	93 FT N OF BANDICE LN	ROLLING WATER DR	0.02
1	O11520	SANDY SHORE DR			
			DEEP WATER DR	TAYLOR FALLS DR	0.09
1	P11539	SELBY TRL	183 FT E OF SIXPENCE LN	WINDMILL RIDGE ST 183 FT E OF SIXPENCE	0.03
1	P11539	SELBY TRL	SIXPENCE LN	LN	0.03
1	O10904	SHALLOW POOL DR	HIDDEN LAKE CRSG	94 FT S OF TRICKLING SPRINGS WAY	0.24
1	Q10904	SHALLOW POOL DR	94 FT S OF TRICKLING SPRINGS WAY	HIDDEN LAKE CRSG	0.06

Pct	Fac ID	Road Name	Begin	Ending	Miles
1	010902	SHORELESS DR	ENDLESS SHORE LN	TAYLOR FALLS DR	0.10
1	011516	SILENT HARBOR LOOP	HIDDEN LAKE CRSG	785 FT S OF HIDDEN LAKE CRSG	0.15
		SILENT WATER WAY		VIELED FALLS DR	
	O11509	SILENI WATER WAT	CUL-DE-SAC SOUTH	375 FT E OF HAVANT	0.20
1	P11537	SIXPENCE LN	HAVANT WAY	WAY	0.07
1	P11537	SIXPENCE LN	HAVANT WAY	375 FT E OF HAVANT WAY	0.07
1	P11537	SIXPENCE LN	375 FT E OF HAVANT WAY	MERIDIAN BLVD	0.24
1	011103	STANLEY ROBIN LN	NIGHTJAR VIEW TERL	EAGLE FLEDGE TERR	0.17
1	P10914	STEEDS CRSC	312 FT W OF WINDMILL RANCH AVE	WINDMILL RANCH AVE	0.06
1	P10914	STEEDS CRSG STONEPATH WAY	HUCKABEE BND	WINDMILL RANCH AVE	0.00
1	O11510	TAYLOR FALLS DR	HIDDEN LAKE CRSG	HIDDEN LAKE DR	0.13
	011310	TATLOR FALLS DR	HIDDEN LAKE CR3G	56 FT E OF ROLLING	0.50
1	O11524	TIDDLE LN	ROLLING WATER DR 56 FT E OF ROLLING	WATER DR	0.01
1	011524	TIDDLE LN	WATER DR	CUL-DE-SAC EAST	0.24
1	O10905	TRICKLING SPRINGS WAY	168 FT W OF SHALLOW	SHALLOW POOL DR	0.03
1	010905	TRICKLING SPRINGS	POOL DR	168 FT W OF SHALLOW	0.03
1	O10905	WAY	SHALLOW POOL DR	POOL DR	0.12
1	011511	VEILED FALLS DR	ROLLING WATER DR	HIDDEN LAKE CRSG	0.21
1	O11511	VEILED FALLS DR	HIDDEN LAKE DR	ROLLING WATER DR	0.30
1	P11530	WESTGATE WAY	MERIDAN BLVD	CUL-DE-SAC WEST	0.02
1	011512	WHITE WATER CV	WHITE WATER WAY	CUL-DE-SAC SOUTGH	0.07
1	O11513	WHITE WATER WAY	WINDLESS WAY	VEILED VALLS DR	0.12
1	O11522	WILLIE DR	HIDDEN LAKE CRSG	65 FT N OF HIDDEN LAKE CRSG	0.01
			65 FT N OF HIDDEN LAKE		
1	011522	WILLIE DR	CRSG	DENNIS LN	0.02
1	O11522	WILLIE DR	DENNIS LN	TIDDLE LN	0.06
1	O11514	WINDLESS WAY	BANDICE LN	162 FT N OF BANDICE LN	0.03
1	O11514	WINDLESS WAY	162 FT N OF BANDICE LN	VEILED FALLS DR 633 FT N OF COMMONS	0.15
1	P11533	WINDMILL RANCH AVE	COMMONS PKWY	PKWY	0.12
1	P11533	WINDMILL RANCH AVE	633 FT N OF COMMONS	STEEDS CROSSING	0.32
!	111000	WINDWILL NANOTI AVE	TIVVI	164 FT N OF WINDVIEW	0.52
1	P11531	WINDMILL RIDGE ST	MERIDAN BLVD	LN	0.21
1	P11531	WINDMILL RIDGE ST	164 FT N OF WINDVIEW LN	112 FE N OF SELBY TRL	0.10
1	P11531	WINDMILL RIDGE ST	112 FE N OF SELBY TRL	WINDY VANE DR	0.12
1	P11532	WINDVIEW LN	146 FT W OF WINDMILL RIDGE ST	WINDMILL RIDGE ST	0.03
4		AMAIDA /IEVA/ LAI		146 FT W OF WINDMILL	
1	P11532	WINDVIEW LN	MERIDIAN BLVD	RIDGE ST	0.13
1	P11540	WINDY VANE DR	WINDMILL RANCH AVE	WINDMILL RIDGE ST	0.26
2	J07309	ALLSTON LN	DUNNING LN	BENNEDICT LN	0.13
2	J07309	ALLSTON LN	BENNEDICT LN	CUL-DE-SAC	0.09
2	K07810	ANIKAWI DR	WANDERING MDW	CUL-DE-SAC	0.24
2	K07736	ARBUTUS CV	CASSAVA DR	CUL-DE-SAC	0.08
2	J07312	BENNEDICT LN	CUL-DE-SAC	CLL AUSTIN	0.38
2	J07311	BERENSON LN	CULDESAC	CULDESAC	0.17
2	K07703	BULL MOUNTAIN CV	TORO RING	CUL-DE-SAC	0.14
2	J07205	CAMINO ALTO	CUL-DE-SAC SOUTH	DAVID THOMAS RD	0.06
2	J07205	CAMINO ALTO	DAVID THOMAS RD	WILDWIND PT	0.19
2	J07205	CAMINO ALTO	WILDWIND PT	CUL-DE-SAC EAST	0.09

Pct	Fac ID	Road Name	Begin	Ending	Miles
2	K07310	CANYON CRSG	WESTLAKE DR	HIDDEN CYN	0.13
2	K07710	CASSAVA DR	CUL-DE-SAC	WESTLAKE DR	0.37
2	J07307	CHESWICK CT	BENNEDICT LN	CUL-DE-SAC	0.04
2	K07735	CUESTA VERDE	TORO CANYON RD	CASSAVA DR	0.24
2	K07735	CUESTA VERDE	END	CASSAVA DR	0.28
2	J07227	DEER PASS	RIDGECREST DR	TRAIL OF MADRON	0.18
2	K07804	DESERT FLOWER	ELOHI DR	CUL-DE-SAC	0.03
2	J07310	DUNNING LN	WESTLAKE DR	CUL-DE-SAC	0.33
2	K07814	ELKWATER CV	THREE RIVERS DR	CUL-DE-SAC	0.04
2	K07820	ELOHI DR	WESTLAKE DR	ANIKAWI DR	0.41
2	K07816	FALLING BROOK CV	THREE RIVERS DR	CUL-DE-SAC	0.08
2	K07705	FAST FOX TRL	TORO CANYON RD	TRAIL OF MADRON	0.25
2	J07302	FRANCES DR	MOUNT LARSON RD	END	0.10
2	K07808	GOLDEN MAIZE DR	ELOHI DR	WOODCUTTER'S WAY	0.12
2	J07308	HAMPSTED CT	CUL-DE-SAC	ALLSTON LN	0.06
2	K07824	HIDDEN CANYON CV	CUL-DE-SAC	SHADOW OAK	0.40
2	J07802	LAGUNA VISTA CV	LAKESHORE DR	DEAD-END EAST	0.02
2	J07805	LAGUNA VISTA DR	LAKESHORE DR	CUL-DE-SAC	0.06
2	K07801	LAKESHORE DR	WESTLAKE DR	END	0.15
2	K07706	MANTLE DR	TORO CANYON RD	CUL-DE-SAC	0.40
2	J07105	MATADOR LN	TRAIL OF MADRON	MATADOR CIR	0.10
2	K07900	MC BRINE PL	WESTLAKE DR	CUL-DE-SAC WEST	0.09
2	K07825	MICHAELS CV	WESTLAKE DR	CUL-DE-SAC WEST	0.18
2	J07804	MOUNT LARSON RD	MOUNT LARSON SOUTH	1461 FT W OF WESTLAKE DR	0.28
2	J07804	MOUNT LARSON RD	DR DR	K13VC TOWER	0.48
2	J07212	NWest OAK CANYON RD	MATADOR LN	CUL-DE-SAC	0.06
2	K07700	PEACE PIPE PATH	TORO CANYON RD	CUL-DE-SAC	0.07
2	K07812	RAPID SPRINGS CV	END	END	0.08
2	J07101	RIDGECREST DR	TRAIL OF MADRON	THE HIGH RD	0.48
2	K07202	ROCKCLIFF RD	WESTLAKE DR	WINDY CV	0.42
2	J07207	S. OAK CANYON RD	TRL OF MADRONES	CUL-DE-SAC	0.06
2	K07809	SACRED MOON CV	ANIKAWI DR	CUL-DE-SAC	0.05
2	K07309	SHADOW OAK LN	WESTLAKE DR	CUL-DE-SAC	0.34
2 .	K07815	SILENT TRL	THREE RIVERS DR	CUL-DE-SAC	0.10
2	J07226	SLOW TURTLE CV	CUL-DE-SAC	FAST FOX TRL	0.15
2	K07806	SOARING EAGLE	ELOHI DR	CUL-DE-SAC	0.03
2	K07803	SPIRIT LAKE CV	ELOHI DR	CUL-DE-SAC	0.07
2	K07313	STANDING OAKS LN	SHADOW OAK LN	END	0.08
2	K07805	TEKOA CV	CUL-DE-SAC	CUL-DE-SAC	0.06
2	J07210	THE HIGH RD	TRAIL OF MADRON	PAISANO RD	0.51
2	J07210	THE HIGH RD	PAISANO RD	END	0.43
2	J07210	THE HIGH RD	WESTLAKE DR	TRAIL OF MADRON	0.38
2	K07817	THREE RIVERS DR	CUL-DE-SAC	ANIKAWI DR	0.27
2	K07701	TOREADOR DR	TORO CANYON RD	DEAD END	0.19
2	K07702	TORO RING	TORO CANYON RD	CUL-DE-SAC	0.15

Pct	Fac ID	Road Name	Begin	Ending	Miles
2	J07208	TRAIL OF MADRONES	THE HIGH RD	STONE CANYON DR	0.28
2	J07208	TRAIL OF MADRONES	STONE CANYION DR	RIDGECRST	0.33
2	J07208	TRAIL OF MADRONES	RIDGE CRST	DEER PASS	0.43
2	J07208	TRAIL OF MADRONES	DEER PASS	END	0.16
2	K07811	WANDERING MEADOWS	ANIKAWI DR	CUL-DE-SAC	0.06
2	K07822	WHITETHORN CT	TORO CANYON RD	END	0.06
2	J07206	WILDWIND PT	CUL-DE-SAC	CAMINO ALTO	0.04
2	K07737	WOODCUTTER'S WAY	WESTLAKE DR	CUL-DE-SAC	0.43
3	J07217	WILD BASIN LEDGE	PETTICOAT LN	WILD BASIN RD	0.78
3	J07217	WILD BASIN LEDGE	THE HIGH RD	PETTICOAT LN	0.51
				TOTAL MILES	28.06

<sup>\*</sup> The Annual Work Plan is a 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.

# **Actions:**

• Inspect, maintain and install approximately 6500 devices.

# **Performance Monitors and Measures:**

Maintain and install traffic signs & devices in compliance with the 2011 TxMUTCD.

- Provide preventative and responsive maintenance to all traffic control devices on accepted roadways.
- All signs replaced and all new signs installations shall be "crash worthy" 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

Program Manager:	David Greear	15%
Element Supervisor:	Jaime Garcia	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 to projects in all service areas.

### Actions:

- 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 2011 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.

# Staff Assignment & Time Investment:

Program Manager:	David Greear	15%
Element Supervisor:	Jaime Garcia	30%
Team Leader:	Steve Etheridge	100%
Team Members:	2 – EO's	100%
	2 – RMW Sr's	50%

### Schedule:

Location	Miles	Start Date	Finish Date
Precinct 1 and Overlay/Chip Seal Roads	124	4/27/15	9/30/15
Precinct 2	36	3/23/15	4/24/15
Precinct 3	178	12/1/14	3/20/15
Parks/Facilities	30*		
Precinct 4	82	10/01/14	11/26/14
Total Mileage	450		

<sup>\*</sup>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.

# **Actions:**

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

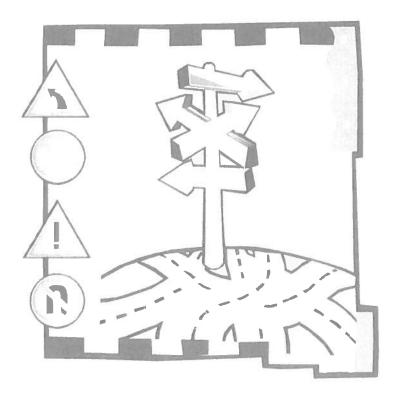
# **Performance Monitors and Measures:**

- 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 2011 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 weeksComplete engineering studies: 8 weeks

Program Manager:	David Greear	40%
Team Members:	Scott Lambert	35%
	Joe Hall	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.

### Actions:

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

# **Performance Monitors and Measures:**

- Evaluate, stage resources & locate utilities.
- 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:**

- Place erosion control devices.
- Rehab existing structure.
- Repair the affected roadway.
- Remove erosion control devices.

Element Manager:	Eddie Jones, East/David Hunter, West	10%
Element Supervisors:	Danny Zieger, East / Kevin Kunkel, West	60%
Team Leaders:	Sonya Padier, Larry Cardenas, East	100%
	Victor Sequeira, Vacant, West	100%
	Mike Sanders, East / Travis Motloch, West	100%
Team Members:	16 - EO's 14 - 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.

#### **Actions:**

- Implement standards and concepts utilizing TPDES requirements.
- Complete drainage rehabilitation projects as identified from work requests in secondary drainage.
- Complete comprehensive countywide drainage study.

#### **Performance Monitors and Measures:**

- Evaluate, stage resources & 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.
- Human resources are shared between this program and Program 4120 Secondary Drainage.

#### **Complete Construction Phases on Schedule:**

- Place erosion control devices.
- · Rehab existing structure.
- Repair the affected roadway.
- Remove erosion control devices.

Element Manager:	Eddie Jones, East/ David Hunter, West	5%
Element Supervisors:	Danny Zieger, East /Kevin Kunkel, 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.

#### **Actions:**

- Complete 2700 miles of ROW strip mowing.
- Complete **300 miles** of herbicide application.
- · Complete 100 miles of brush trimming.

#### **Performance Monitors and Measures:**

- Meet or exceed the Federal and State environmental laws and County policies.
- Evaluate, stage resources & 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.
- 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.

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

- Line-of-Site responses: 3 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.

Element Manager:	Eddie Jones, East/ David Hunter, West	10%
Element Supervisors:	Curtis Mills, East / Matt Dodd, West	45%
Team Leaders:	Eddie Blake, East / Bryan Meredith, West	100%
Team Members:	14 - RMW's	100%

## **FY15 Vegetation Control**

**Mowing Schedule** 

	FIRST		SECON		THIRD	CUT
Location	From	To	From	To	From	To
PCT 1	110111	10	1 10111	10	110111	
	05/11/15	05/22/15	07/16/15	07/29/15	09/21/15	10/02/15
Zone A	05/25/15	06/08/15	07/30/15	08/12/15	10/05/15	10/16/15
Zone B		06/22/15	08/13/15		10/03/13	
Zone C	06/09/15			08/26/15		10/30/15
Zone D	06/23/15	07/07/15	08/27/15	09/10/15	11/02/15	11/13/15
PCT 2						
Zone A	05/01/15	05/08/15	07/08/15	07/15/15	09/11/15	09/18/15
WSC/PCT 3						
North						
Zone A	05/18/15	06/05/15	07/07/15	07/27/15	08/31/15	09/18/15
Zone B	06/09/15	06/30/15	07/29/15	08/19/15	09/22/15	10/13/15
Zone C	05/18/15	06/02/15	07/07/15	07/22/15	08/31/15	09/15/15
Zone D	06/04/15	06/30/15	07/24/15	08/19/15	09/17/15	10/13/15
South						
Zone A	05/18/15	06/03/15	07/07/15	07/23/15	08/31/15	09/16/15
Zone B	06/05/15	07/02/15	07/27/15	08/21/15	09/18/15	10/15/15
Zone C	05/18/15	06/09/15	07/07/15	07/29/15	08/31/15	09/22/15
Zone D	06/11/15	07/03/15	07/31/15	08/24/15	09/24/15	10/16/15
PCT 4						
Zone A	05/15/15	05/22/15	06/26/15	07/16/15	08/24/15	09/10/15
Zone B	05/26/15	06/09/15	07/17/15	08/04/15	09/11/15	09/29/15
Zone C	06/10/15	06/25/15	08/05/15	08/21/15	09/29/15	10/16/15

**Herbicide Applications Schedule** 

TASK	DURATION (in days)	START	END
TEAM #1 and #2	155		
Spray Application			
PCT. 4 - Spray Application	15		
PCT. 1 – Spray Application	15		
PCT. 2 – Spray Application	10		
Spot Application- Summer	r		
PCT. 4	10	]	
PCT. 1	10		
PCT. 3	10		
PCT. 2	10	Mon 3/02/15	Fri 10/02/15
Spot Application - Fall		10011 3/02/13	
PCT. 4	10		
PCT. 1	10		
PCT. 3	10		
Overlay	15		
Chip Seal Program			
PCT. 3	10		
PCT. 2	5		
PCT. 4	5		
PCT. 1	10		

## 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.

#### **Actions:**

- 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 & 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

Element Manager:	Eddie Jones, East/ David Hunter, West	5%
Element Supervisor:	Curtis Mills, East	15%
	Matt Dodd, West	20%
	Jaime Garcia, Traffic (Dead animal response)	5%
Team Leaders:	Doug Todd	100%
Team Members:	2- EO's	100%
	(CSR – Trustee's, 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.

#### **Actions:**

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

#### **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 FY15 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.

Program Manager/Contract Services:	David Greear	10%
Manager Field Services:	Eddie Jones	15%
Element Supervisor:	Vacant	45%
Team Leader:	Alfred Marrero	100%
Team Members:	4 – EO's / 2 – RMW's	100%



## **ADA Sidewalk Repair Projects**

FY15 Sidewalk Repair Projects

The FY15 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\***

Roadway Limits	Driveway	Ramp	New Sidewalk	Repair Sidewalk (EA)	Total Sidewalk (LF)
Howard Lane to Harris Ridge				40	800'
Letti Lane to Harris Ridge				4	80'
Glen Knoll Dr to Shadowglen Terr				6	120'
Shadowglen Blvd to FM973		2		4	80'
Shadowglen Blvd to Field Stream		3	120'	5	220'
Prince Philip to Sun Glass Dr				9	180'
Tercel Trace to Glen Mark Dr				4	80'
Shadowglen Blvd to end				14	280'
Shadowglen Blvd to Branch Light				3	60'
County Crew TOTAL		5	120'	89	1,900'
	Limits  Howard Lane to Harris Ridge  Letti Lane to Harris Ridge  Glen Knoll Dr to Shadowglen Terr  Shadowglen Blvd to FM973  Shadowglen Blvd to Field Stream  Prince Philip to Sun Glass Dr  Tercel Trace to Glen Mark Dr  Shadowglen Blvd to end  Shadowglen Blvd to Branch Light	Roadway Limits  Howard Lane to Harris Ridge Letti Lane to Harris Ridge  Glen Knoll Dr to Shadowglen Terr Shadowglen Blvd to FM973 Shadowglen Blvd to Field Stream Prince Philip to Sun Glass Dr Tercel Trace to Glen Mark Dr Shadowglen Blvd to end Shadowglen Blvd to Branch Light	Roadway Limits  Driveway Ramp (EA)  Howard Lane to Harris Ridge Letti Lane to Harris Ridge  Glen Knoll Dr to Shadowglen Terr Shadowglen Blvd to FM973 Shadowglen Blvd to Field Stream Prince Philip to Sun Glass Dr Tercel Trace to Glen Mark Dr Shadowglen Blvd to end Shadowglen Blvd to Branch Light	Roadway Limits    Driveway (EA)   Ramp (EA)	Roadway Limits    Carroway   Carr

<sup>\*</sup> The Annual Work Plan is a guide. Adjustments may occur due to special projects, special events (including weather related), and change of conditions.

Closest ADA Feature	Roadway Limits	Repair Curb Ramp	ADA driveway	Sidewalk Repair	Total Linear feet
Wells Branch (substandard roads Phase W-2A)					
	Emmett Pkwy (north side only)		8	6	120'
Steiner Ranch Neighborhood					
	Canyon Glen Dr			1	20'
Perdirece	Hughes Ranch Rd			1	20'
-	Canyon Glen Cir			2	40'
	Steiner Ranch Blvd at John Simpson			3	60'
	Wharton Ct			1	20'
	Mulberry Creek Dr			2	40'
	Standfield Ct			1	20'
	Runnels Ct			2	40'
	Caney Creek Rd			2	40'
			TOTAL =	15	300'
Lake Pointe Neighborhood					
	Fortuna Dr			2	40'
	Tulare Dr			1	20'
	Carlsbad Dr	2		10	200'
	Napa Dr			1	20'
	Sonoma Dr	1		3	60'
·	Lyon Club Ct	11		1	20'
	Arvin Dr	1		1	20'
	Pleasant Hill Ct	1			
	Bayton Dr	1			
	Normandy Ridge			2	40'
	San Mateo Ct			3	60'
	Fairfax Ridge Place			2	40'
	Brittany Point Lane			7	140'
	Huron Club Ct			1	20'
	Torrance Ct			11	20'
	Savoy Ct			1	20'
	Reims Ct		<u></u>	2	40'
		7	8	38	760'
					4.400
	Overall Totals for Contract =	7	8	59	1,180'

<sup>\*</sup> The Annual Work Plan is a 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 1/15/15, 4/15/15, 7/15/15 and 10/15/15.
- 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 will be 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.

#### Actions:

- 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 2011 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:**

Standard: 3 daysCustomized: 10 days

#### **Staff Assignment & Time Investment:**

Program Manager: David Greear 15% Element Supervisor: Jaime Garcia 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 01/15/15, 04/15/15, 07/15/15 and 10/15/15.
- 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.

#### **Actions:**

 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

#### **Staff Assignment & Time Investment:**

Element Manager: Eddie Jones 5%
Element Supervisor: Geena Rohan 40%
Team Members: 2 – Dispatchers 95%

# 8510 - Solid Waste Management

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

#### Actions:

- To receive, compact and provide solid waste transfer services for residential refuse only.
- To serve as a recycle station for non-commercial/industrial recyclables, as part of a regional solid waste operation.

#### **Performance Monitors and Measures:**

- Recyclables TBD
- All received solid waste transferred daily.

#### **Minimum Response Times:**

• Requests: Upon Receipt

Element Manager:	David Hunter	5%
Element Supervisor:	Matt Dodd	10%
Team Leader:	Jerry Derryberry	60%
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.

#### **Actions:**

- 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.

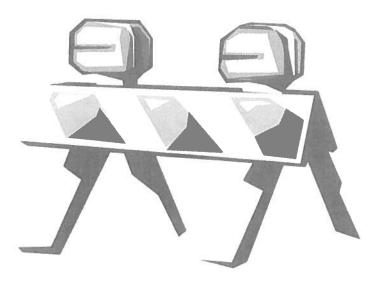
#### **Performance Monitors and Measures:**

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

#### **Minimum Response Times:**

• 2 Hours

Element Manager:	David Greear/ Eddie Jones/ David Hunter	5%
Element Supervisors:	Road Maintenance Supervisors	10%
West Coordinator:	Brian Cherry	10%
East Coordinator:	Jaime Garcia	10%
Dispatch Operations	2 – Dispatchers & 1 Administrative Associate	5%
Team Members:	24 - Primary contacts consisting of 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 Satellite Four to provide services associated to standpipe water sales.

#### **Actions:**

 Provide administrative service support to the service center. Serve as the primary point of contact for water sales and customer services to constituents who receive water from the Satellite Four water standpipe.

#### **Performance Monitors and Measures:**

- Provide daily administrative support to the supervisors at the service center.
- Process Daily Job Reports (DJR's) for all elements by the following day of receipt.
- Process Fleet Services job orders within five (5) days after receipt.
- Provide and process standpipe water sales at Satellite Four.

#### **Minimum Response Times:**

• On Demand or As Required

Element Managers:	Eddie Jones	5%
Element Supervisors:	Geena Rohan, Administrative Associate	40%
•	Curtis Mills, Road Maintenance Supervisor	5%
Team Members:	4 - Office Specialist Seniors	80%
	1 – Office Specialist	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 existing Travis County International Cemetery. This element will work to develop and maintain the grounds of the newer Travis County Wells School Cemetery and provide burial services 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.

#### **Actions:**

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

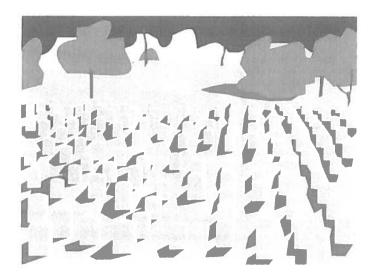
#### **Performance Monitors and Measures:**

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

#### **Minimum Response Times:**

Weekly maintenance schedule.

•	Element Manager:	Eddie Jones	5%
•	Element Supervisor:	Curtis Mills	10%
•	Team Members:	2 - 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 resources for this element assisted by the WSC Supervisor.

#### **Actions:**

- 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 100 line-of-site responses.
- Complete approximately 75 responses for ROW litter removal.
- Complete approximately 325 responses for ROW weekend litter removal.
- Complete approximately 50 brush control responses.

#### **Minimum Response Times:**

• Requests: 10 days

•	Element Manager:	David Hunter/Eddie Jones	10%
•	Element Supervisors:	Matt Dodd - West	15%
		Curtis Mills – East	15%
•	Team Members:	4 – RMW's assigned East	100%
		(CSR – Trustee's, Probation resources)	50%



**SECTION 4** 

**Public Works** 

ROAD & BRIDGE

SERVICE TO
OTHER
GOVERNMENTS
&
AGENCIES

# 9110 - Emergency Service Districts Fleet Services

#### Objective

• To provide preventive maintenance and repairs to emergency response vehicles and equipment through inter-local agreements entered into between Travis County and Emergency Service Districts.

#### Scope

 Program resources will be dedicated to preventive maintenance and repair of emergency response vehicles.

#### **Deliverable**

Budgeted resources will be dedicated to performing preventive maintenance services and repairs.

#### **Program Budget**

Major line items affected by this program are as follows:

- 9121 Parts
- 9123 Fuel
- 9103 Outside Repair

# 9115 - On Site Sewage Facilities

#### Objective

• Provide on-site wastewater system permits and inspections to communities that have inter-local agreements with Travis County.

#### Deliverable

• Provide on-site wastewater system permitting and inspecting for the Cities of *Rollingwood* and *San Leanna* as per the inter-local agreement.

# 9120 - Road and Bridge Maintenance

#### Objective

- Pave roadways within communities that have inter-local agreements with Travis County.
- Provide road maintenance & other services to agencies by cost reimbursements.

#### **Deliverable**

Pave roadways within City of Cedar Park, City of Jonestown, City of Lakeway, City of Lago Vista, City of Rollingwood, Point Venture, Village of San Leanna and Village of Volente as per the inter-local agreement.