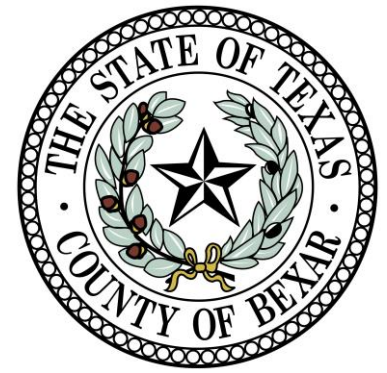


Bexar County Public Works

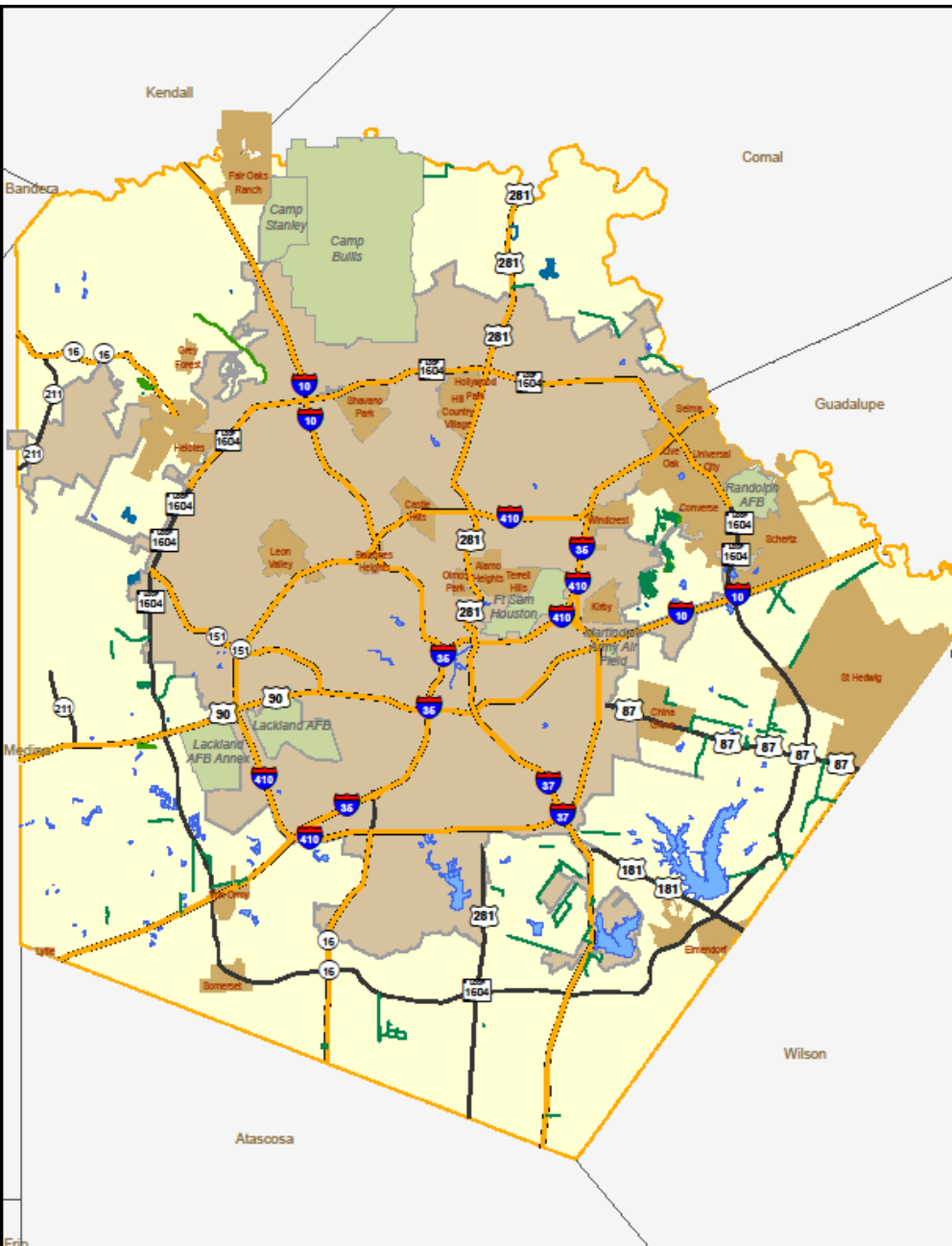
Pavement Preservation Program

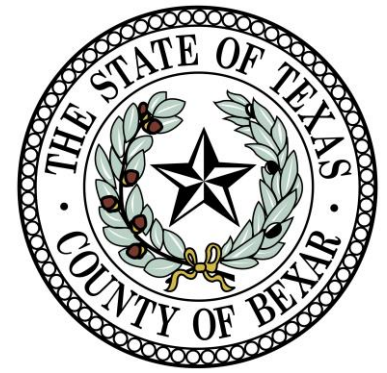
Tony Vasquez - Operations Manager



Bexar County Demographics

- Population of 1.7+ million
- 1,239 square miles
- BCPW Serves Unincorporated Areas





Bexar County Public Works

- **Assets**
 - Over 1,200 Center Line Miles
 - Over 2,700 Lane Miles
 - 151 Bridges
 - 26,793 Signs
 - Distributed over Rural & Urban Areas

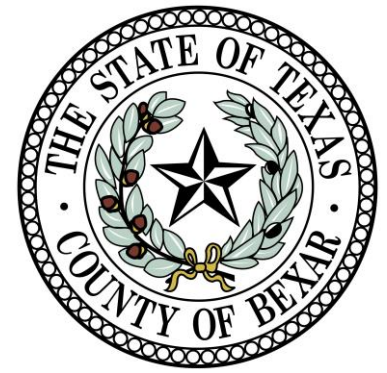


Bexar County Public Works

History

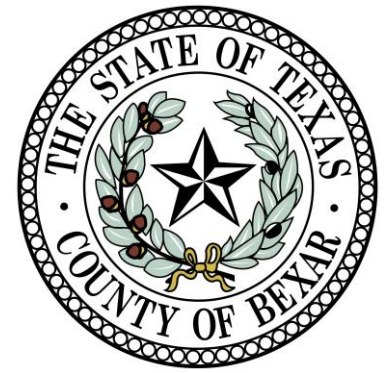
2005 – PASER System (Univ. of Wisconsin)

2007 – Asset Management System



Bexar County Public Works

- Pavement Data Collection - OCI
 - Cracking Index
 - Rutting Index
 - Ride Index
- Distress Shape Files
 - Long/Trans Cracking – Linear Distress
 - Alligator/Block Cracking – Polygon Distress
 - Potholes – Point Distress



Bexar County Public Works

– Pavement View

- Network OCI 2012 – 90.45
 - 90% In House
 - » Chip Seal
 - » Fog Seal
 - » Full Depth Reclamation
 - 10% Contractor Services
 - » Rejuvenation
 - » Fog Seal
 - » Overlays

Identify

Identify from: <Top-most lay>

- Bexar_Routes_OCI
 - 611F222

Location: 2,056,808.569 13,710

Field	Value
FID	1482
Shape	Polyline
SECT_ID	611F222
Func_Class	Urban Local
Comm_Prec	1
Pave_Class	AC Asphalt Concrete
Street_Ahe	N END
Street	SAXONHILL DR
Street_Bac	MILITARY DR WEST
Length	790.00 ft
P_Area	3511.11 yd ²
Pave_Width	40.00 ft
Num_of_Lan	2
ROW_Width	60.00 ft
New_width	same
LENG	0.151081
CollectDON	
WIDTH	40
OCI	79.81

Identified 1 feature



Identify

Identify from: <Top-most la>

- Bexar_Distress_Polylines
 - Lon/Trans Cracking
 - Lon/Trans Cracking
 - Lon/Trans Cracking
 - Lon/Trans Cracking

Location: 2,056,795.238 13,710

Field	Value
FID	180596
Shape	Polyline
TYPE	Lon/Trans Cracking
SEVERITY	LOW
VALUE	3.465277
SEG_SAM_ID	611F222-1059
SAMPLE_ID	1059
SECT_ID	611F222
Func_Class	Urban Local
Pave_Class	AC Asphalt Concrete
Street_Ahe	N END
Street	SAXONHILL DR
Street_Bac	MILITARY DR WEST

Identified 5 features

Identify

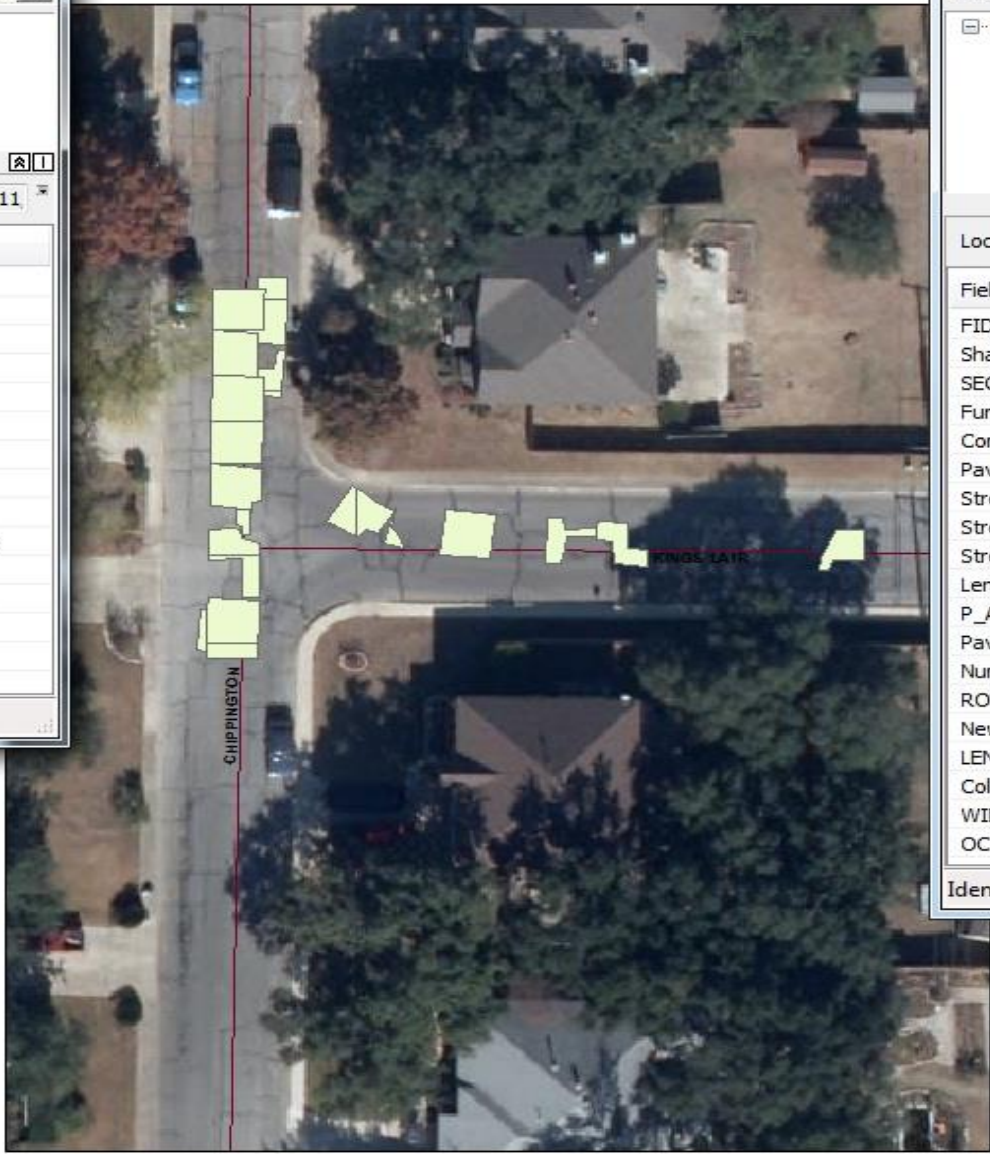
Identify from: <Top-most la

- Bexar_Distress_Polygons
 - Block Cracking

Location: 2,057,563.635 13,711

Field	Value
FID	16486
Shape	Polygon
TYPE	Block Cracking
SEVERITY	LOW
VALUE	128.129483
SEG_SAM_ID	611F226-2274
SAMPLE_ID	2274
SECT_ID	611F226
Func_Class	Urban Local
Pave_Class	AC Asphalt Concrete
Street_Ahe	N END
Street	CHIPPINGTON DR
Street_Bac	RADCLIFF COURT

Identified 1 feature



Identify

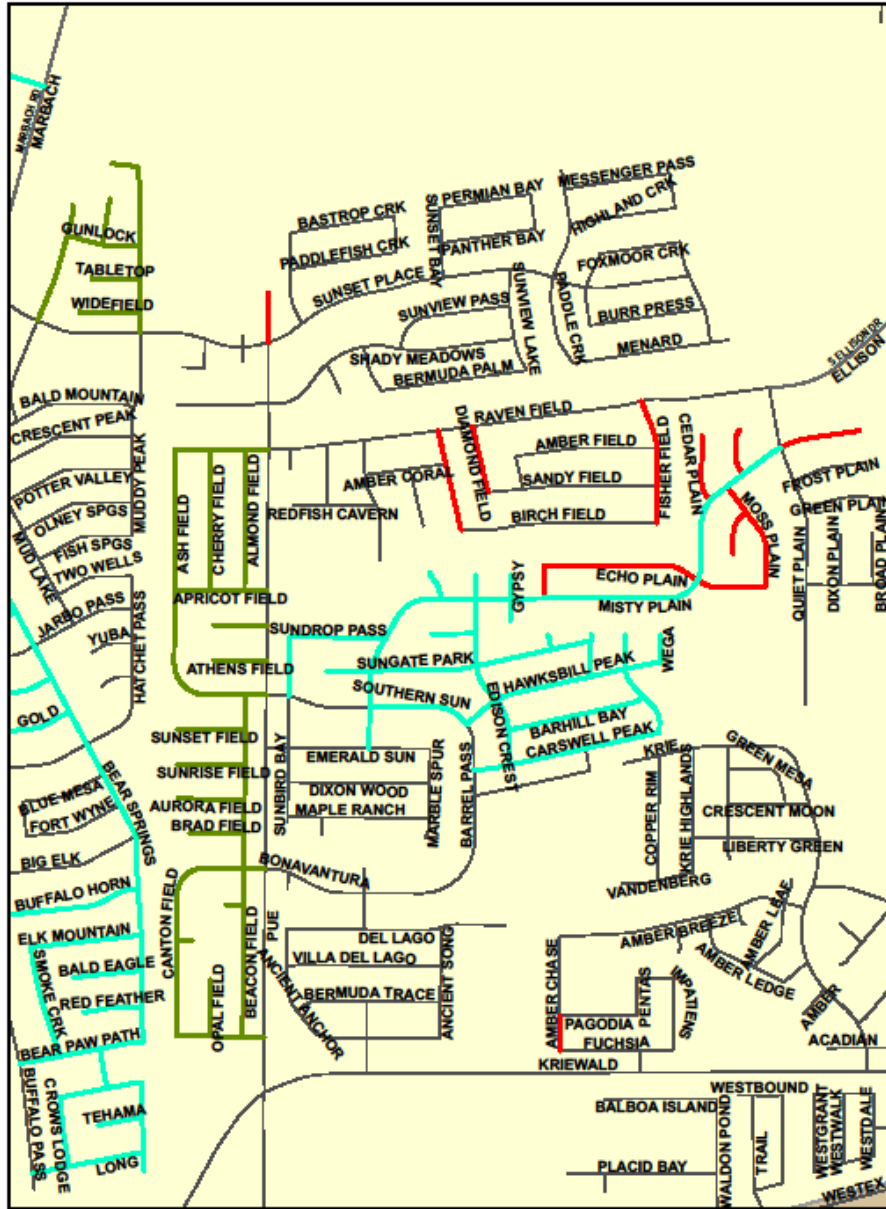
Identify from: <Top-most laye

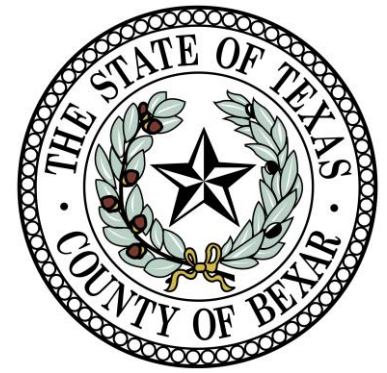
- Bexar_Routes_OCI
 - 611F226

Location: 2,057,566.745 13,711,2

Field	Value
FID	1484
Shape	Polyline
SECT_ID	611F226
Func_Class	Urban Local
Comm_Prec	1
Pave_Class	AC Asphalt Concrete
Street_Ahe	N END
Street_Bac	RADCLIFF COURT
Length	1200.00 ft
P_Area	4000.00 yd ²
Pave_Width	30.00 ft
Num_of_Lan	2
ROW_Width	50.00 ft
New_width	same
LENG	0.23018
CollectDON	
WIDTH	30
OCI	81.99

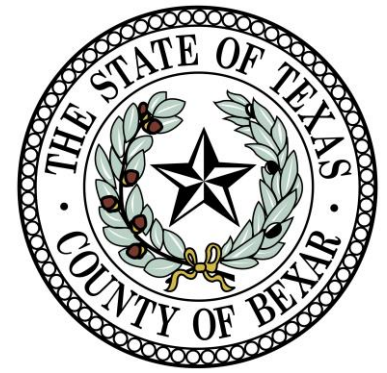
Identified 1 feature





Bexar County Public Works

- Program Variables
 - Budget
 - Decision Matrix
 - Final Selection



Bexar County Public Works

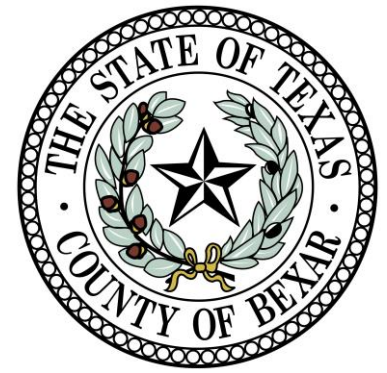
What Makes BC's Pavement
Preservation Program?



Bexar County Public Works

What Makes BC's Pavement Preservation Program?

Philosophy



Bexar County Public Works

What Makes BC's Pavement Preservation Program?

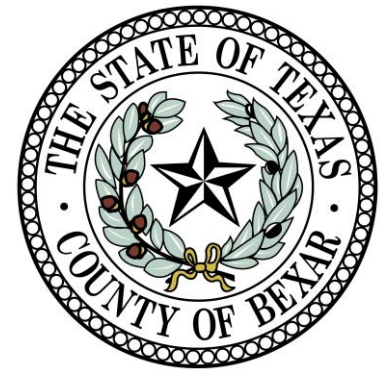
Philosophy * Inclusiveness



Bexar County Public Works

What Makes BC's Pavement Preservation Program?

Philosophy * Inclusiveness * Information

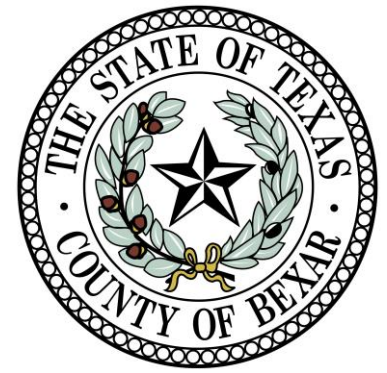


Bexar County Public Works

What Makes BC's Pavement Preservation Program?

Philosophy * Inclusiveness * Information

Vendor Relationships



Bexar County Public Works

Closing Comments

Q&A



Bexar County Public Works

Thank You

Tony Vasquez - Operations Manager

avasquez@bexar.org