

Memorandum



DATE: September 25, 2015

TO: Honorable Members of the Public Safety Committee:
Adam Medrano (Chair), B. Adam McGough (Vice Chair), Jennifer S. Gates, Sandy Greyson,
Philip T. Kingston, Tiffinni A. Young

SUBJECT: **Technology Unit**

On Monday, September 28, 2015, the Public Safety Committee will be briefed on the Technology Unit, by Major E. Page, Dallas Police Department.

The briefing materials are attached for your review.

Please contact me if you have any questions or need additional information.



Eric D. Campbell
Assistant City Manager

Attachment

cc: Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Warren M.S. Ernst, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager

Jill A. Jordan, P.E., Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council



Technology Unit

Public Safety Committee

September 28, 2015



Overview

- Purpose of the Police Technology Unit
- History
- Current projects

Purpose

- The Police Technology Unit was created to serve the technological needs of the department
- Act as a liaison between the police department and Communication Information Services
- Research and develop technology needs in regards to the operational efficiency of the department
- Provide training and technology support to department personnel

History

- The Police Technology Unit was created in 1989 as Computer Data Services which had 6 personnel, combining sworn and non-sworn
- In October 2008, the non-sworn members of the Police Technology Unit were absorbed by Communication Information Services (CIS)
- Currently, the Police Technology Unit consists of 8 sworn officers

Current Projects

- Automated License Plate Reader (ALPR)
- Bait Car
- Surveillance Cameras

Automated License Plate Reader

- Vehicle mounted and fixed location cameras
- Scan and log vehicle license plates
- Provide information on location of scanned vehicle
- Alert to stolen vehicles, arrest warrants, Be On Look Out notifications (BOLOs) and known sex offenders

Automated License Plate Reader

- Currently:
 - 14 fixed location units
 - 16 vehicle mounted units
- Near Future:
 - 10 fixed location units
 - TAAG priority
 - 8 additional vehicle mounted units
- Program Projected Growth:
 - 40 total fixed location units
 - 40 total vehicle mounted units



Bait Car Unit

- Fabricate, install and maintain bait items and bait vehicles
- Instruct in-service / recruit officers
- Coordinate with patrol divisions to place vehicles in high crime areas



Bait Cars Data

- 2014 - 18 vehicles deployed
- 2015 - 23 vehicles deployed

Offense	2014	2015
Burglary of a Motor Vehicle	124	234
Theft	37	12
Unauthorized Use of a Motor Vehicle	34	41
Total	195	287

Bait Car – Video



Surveillance Cameras

- Installed throughout the city
- Real time monitoring
- Recorded video evidence
- Increased identification of suspects involved in crime

Surveillance Cameras

- Currently 257 in use throughout the city
- Additional 90 planned
 - Locations identified
 - Target Area Action Grid priority (TAAG)



Surveillance Camera - Video



Summary

- Technology has contributed to a decrease in crime for the past 11 years
- Technology will continue to play a vital role in the department's crime fighting efforts
- It is imperative the department keeps up with advancing technology

Questions

Appendix

Appendix A

Current Automated License Plate Reader Locations

S BUCKNER BLVD & LAKE JUNE RD

BRUTON RD & N ST AGUSTINE DR

GASTON AVE & N CARROLL AVE

W WHEATLAND RD & S HAMPTON RD

W CAMP WISDOM RD & BAINBRIDGE DR

RIDGECREST RD & PARK LN

ABRAMS RD & PARK LN

WEBB CHAPEL RD & EL CENTRO DR

CEDAR SPRINGS RD & OAK LAWN AVE

ALPHA RD & MONTFORT DR

FRANKFORD RD & DALLAS PKWY

W CAMP WISDOM RD & S WESTMORELAND RD

E JEFFERSON BLVD & S MARSALIS AVE

ROSS AVE & N FITZHUGH AVE

2714 MALCOLM X BLVD

Appendix B

Current Surveillance Camera Locations

FAIR OAKS AVE & PINELAND DR	PRESTON OAKS RD & MONTFORT DR	GREENVILLE AVE & AMBERTON PKWY
SHADY BROOK LN & MELODY LN	SPRING VALLEY RD & MONTFORT DR	GREENVILLE AVE & WHITEHURST DR
GREENVILLE AVE & PARK LN	ALPHA RD & NOEL RD	FERGUSON RD & PEAVY RD
PARK LN & PINELAND DR	ALPHA RD & MONTFORT DR	PEAVY RD & GROSS RD
NORTHWEST HWY & SHADYBROOK LN	MONTFORT DR & PETERSON LN	JOHN WEST RD & N BUCKNER BLVD
GASTON AVE & N CARROLL AVE	PRESTON RD & ALPHA RD	N BUCKNER BLVD & CHENAULT ST
CAPITOL AVE & N FITZHUGH AVE	VERDE VALLEY LN & DALLAS PKWY	JOHN WEST RD & LA PRADA DR
CAPITOL AVE & N FITZHUGH AVE	SPRING VALLEY RD & DALLAS PKWY	S HAMPTON RD & W WHEATLAND RD
N CARROLL AVE & COLUMBIA AVE	5600 ALPHA RD	W WHEATLAND & OLD HICKORY TRAIL
N HENDERSON AVE & BELMONT AVE	AUDELIA RD & TREVOR DR	W WHEATLAND RD & KIRNWOOD DR
N FITZHUGH AVE & ROSS AVE	AUDELIA RD & SHADOW WAY	W CAMP WISDOM RD & S HAMPTON RD
ROSS AVE & N HASKELL AVE	FOREST LN & RIDGEPOINT	W CAMP WISDOM RD & BAINBRIDGE DR
N MUNGER BLVD & GASTON AVE	FOREST LN & OAKSHIRE PL	W RED BIRD LN & S HAMPTON RD
LIVE OAK ST & N CARROLL AVE	FOREST LN & SKILLMAN ST	MILITARY PKWY & N PRAIRIE CREEK RD
NORTHWEST HWY & WEBB CHAPEL EXT	SKILLMAN ST & ADLETA CT	SCYENE RD & N MASTERS DR
WEBB CHAPEL EXT & LOMBARDY LN	FOREST LN & AUDELIA RD	SCYENE RD & N ST AUGUSTINE RD
WEBB CHAPEL RD & NORTHWEST HWY	ABRAMS RD & WALNUT ST	SCYENE RD & N PRAIRIE CREEK RD
WEBB CHAPEL EXT & LARGA DR	ABRAMS RD & CHIMNEY HILL LN	BRUTON RD & MCKIM DR
HARRYHINES BLVD & WILLOWBROOK RD	FOREST LN & ABRAMS RD	BRUTON RD & N PRAIRIE CREEK RD
WEBB CHAPEL RD & LARGA DR	FOREST LN & GREENVILLE AVE	BRUTON RD & N ST AUGUSTINE RD
NORTHWEST HWY & COMMUNITY DR	FOREST LN & SHEPHERD RD	BRUTON RD & N MASTERS DR
WEBB CHAPEL RD & PARK LN	GREENVILLE AVE & MARKVILLE RD	W 12TH ST & S LLEWELLYN AVE

Appendix C

Current Surveillance Camera Locations

3100 W Camp Wisdom Rd	SECO BLVD & BUCKNER BLVD	12200 Willowdell
W 12TH ST & S ZANG BLVD	LAKE JUNE RD & BUCKNER BLVD	Greenville & LBJ Fwy
E 8TH ST & MARSALIS AVE	HILLBURN DR & LAKE JUNE RD	Martin Luther King Jr Blvd & Malcolm X Blvd
E JEFFERSON BLVD & S MARSALIS AVE	LAKE JUNE RD & JIM MILLER RD	3704 W Camp Wisdom Rd
E JEFFERSON BLVD & E 8TH ST	SECO BLVD & JIM MILLER RD	Lemmon and McKinney
W 10TH ST & N ZANG BLVD	SCYENE RD & BUCKNER BLVD	Lemmon East and McKinney
W DAVIS ST & N ZANG BLVD	MILITARY PKWY & BUCKNER BLVD	US 75 & Blackburn
W DAVIS ST & BISHOP AVE	HARRY HINES BLVD AND LOMBARDY	Fixed-Trolley Carousel
MARKVILLE DR & TI BLVD	MILITARY PKWY & ST AUGUSTINE RD	Fixed-Trolley Carousel
FOREST LN & SCHROEDER	RED BIRD & HWY 67	Trolley Carousel
AUDELIA RD & SKILLMAN ST	CAMPWISDOM RD & U S H W Y 67	Llewellyn/Jefferson
SKILLMAN ST & DELTA BLVD	2800 WHEATLAND & IH 20	Storey/Jefferson
N BUCKNER BLVD & PEAVY RD	ST GEORGE DR & CHESTERFIELD DR	Crawford/Jefferson
WESTMORELAND RD & RED BIRD LN	BROCKBANK DR & LOMBARDY LN	Adams/Jefferson
CANNON LN & S COCKRELL HILL RD	NOEL RD & SOUTHERLAND AVE	Bishop/Jefferson
SAMUELL BLVD & N JIM MILLER RD	3500 DILIDO RD & SENATE ST	Zang/Jefferson
SAMUELL BLVD & S BUCKNER BLVD	JOHNWEST RD & DILIDO RD	Beckley/Jefferson
FORNEY RD & BUCKNER BLVD	3400 DILIDO RD	Shadybrook/Hemlock
CHARIOT DR & BUCKNER BLVD	2600 N BUCKNER BLVD	Park Ln/Abrams
ST FRANCIS AVE & SAMUELL BLVD	9500 FOREST LN	Park Ln/Shadybrook
RICARDO & BUCKNER BLVD	1600 N MASTERS DR	Park Ln/Ridgecrest
BRUTON RD & BUCKNER BLVD	Forest Ln and TI Blvd	Abrams/Skillman
PLEASANT DR & BRUTON RD	St. George and Chaucer Pl	4800 E Grand Ave at 1100 S Fitzhugh Ave

Appendix D

Current Surveillance Camera Locations

4900 Lindsley Ave at 800 S Fitzhugh Ave	500 N Lamar St at 900 Ross Ave	100 N Houston St at 400 Main St
5000 E Grand Ave at 1100 S Barry Ave	600 N Griffin St at 1100 Ross Ave	200 N Market St at 600 Pacific Ave
1100 S Barry Ave at 4900 Philip Ave	600 N Griffin St at 1100 Ross Ave	200 N Lamar St at 900 Elm St
4400 E Grand Ave at 1200 S Haskell Ave	1100 Corbin St	700 Ross Ave at 1700 N Market St
Blackburn and McKinney	500 N Lamar St at 900 Ross Ave	1400 Elm St at 200 N Akard St
Cole/Blackburn	600 N Griffin St at 1100 Ross Ave	1400 Main St at 100 N Akard St
Hall and McKinney	600 N Field St at 1400 Ross Ave	900 Main St at 100 S Griffin St
2500 Routh St and 2600 McKinney Ave	500 N Field St at 1200 San Jacinto St	900 Main St at 100 S Griffin St
2300 N Pearl St and 2200 McKinney Ave	300 N Akard St and 1500 Federal St	900 Main St at 100 S Griffin St
2500 Flora St at 1700 Routh St	1800 Bryan at 300 N St Paul	100 S Griffin St at 1000 Commerce St
2200 Woodall Rodgers Srv Rd @ 1900 Routh St	500 N Ervay St at 1800 Patterson St	100 S Lamar St at 900 Elm St
2500 Ross Ave at 1600 Routh Ave	1600 San Jacinto St and 600 N Akard St	1200 Commerce St at 100 S Akard St
2200 San Jacinto St at 700 N Pearl St	2000 Federal St at 900 N Harwood St	200 N Griffin St at 1100 Pacific Ave
2500 Fairmount St and 2400 McKinney Ave	700 Olive St at 2200 Flora St	1200 Main St at 100 N Field St
2400 Maple Routh Conn@2400 McKinney Ave	2000 San Jacinto St at 700 N Harwood St	Murphy/Main
Boll and McKinney	2000 San Jacinto St at 1200 N Hawkins St	Murphy/Commerce
Allen and McKinney	West Lower	Belo/Griffin-Commerce
Sneed and McKinney	Mid Bridge Approach	1600 Main St at 100 N Ervay St
McKinney/St.Paul	Mid Bridge West	1600 Elm St at 100 N Ervay St
McKinney/Olive	2000 N Lamar St at 800 McKinney Ave	Harwood at Main
McKinney/Akard	1900 N Lamar St at 800 Corbin St	St. Paul at Main
McKinney/Harwood	500 Ross Ave at 300 N Houston St	Commerce at St. Paul
500 N Lamar St at 900 Ross Ave	1800 N Market St and 700 Munger Ave	MSGP East

Appendix E

Current Surveillance Camera Locations

MSGP West	9000 Carroll Ave	700 N Akard St at 1800 Munger Ave
300 N St Paul St at 1700 Pacific Ave	4500 Ash Ln at 700 Carroll Ave	900 N Harwood St at 2000 Flora St
200 N Harwood St at 1800 Pacific Ave	4500 Gurley Ave and 900 Bank St	1900 Ross Ave at 700 N Harwood St
200 N Harwood St at 1800 Pacific Ave	4800 Gruley St and 1000 S Fitzhugh St	2000 Woodall Rodgers Srv Rd
200 N Harwood St at 1800 Pacific Ave	700 Lindsley Ave and 700 Bank St	1700 Ross Ave at 700 N Akard St
2000 Main St	4700 Parry Ave and 900 Caldwell St	1700 Crockett St at 2200 Flora St
200 N Pearl St	1000 Carroll Ave	1700 N Pearl St at 2100 Flora St
2200 Commerce St	901 Bank St	2300 Ross Ave at 1700 Leonard St
400 Houston St	600 S Griffin St - Convention Ctr North	2200 Ross Ave at 1700 N Pearl St
300 S Lamar St	600 S Harwood St and 2000 Cadiz St	2100 Woodall Rodgers Srv Rd
200 S Market St	700 S Ervay St at 1500 Canton St	900 S Lamar St - Convention Cntr South
300 S Austin	1700 Cadiz St at 800 S Ervay St	300 S Pearl Expy at 2000 Young St
400 Market St	1600 Young St at 500 S Ervay St	19000 Woodall Rodgers Ramp WB
100 S Griffin St	500 S Akard at 1400 Young St	600 S Central Expy at 2100 Marilla St
200 S Lamar St	1800 Corsicana St at 1000 Park Ave	150 Woodall Rodgers Fwy EB
400 S Field St	1700 Corsicana St at 1000 S St. Paul St	100 Woodall Rodgers Fwy EB
400 S Griffin St	1900 St. Louis St at 1100 Park Ave	900 W Jefferson Blvd
300 S Ervay St	2000 Commerce St	800 W Jefferson Blvd
200 St. Paul	800 S Carroll Ave	1000 W Jefferson Blvd
4400 Garland Ave St and 700 Ann St	4000 Parry Ave	1300 Ferndale

Appendix F

Proposed Surveillance Camera Locations

67 SB Service Rd/Kiest	Lemmon/Wycliff	Buckner/Forney	Hatcher/2nd
Polk/Kiest	Lemmon/Douglas	Buckner/Chariot	Hatcher/Scyene
67 SB Service Rd/Polk	Lemmon/Oak Lawn	Buckner/Samuell	Carl/lagow
67 SB Service Rd/Hampton	Rawlins/Oak Lawn	St. Francis/Samuell	2nd Avenue/Jamaica
Challenger/Hampton	Oak Lawn/Cedar Springs	Jim Miller/Samuell	RB McCullum/ Metropolitan
Hampton/Ledbetter	Maple/Wycliff	Charoit/Wimbelton	Spring/lagow
Rugged/Kiest	Maple/Kings	Jim Miller/ R.L. Thornton Freeway Service Rd.	Spring/Foreman
Westmoreland/Ledbetter	Cedar Springs/Throckmorton	St. Francis/Buckner	Metropolitan/lagow
Campfire/Mark Trail	Maple/Lucas	Samuell/Buckner	Malcolm X/Marburg
2300 Ledbetter	Maple/Oak lawn	R.L. Thornton Freeway Service Rd/Buckner	Collins/Mitchell
Military/Buckner	Maham/Spring Valley	1. Royal/Fair Oak Crossing	Forest/Cox
Scyene/Buckner	Maham/Kit	2. Abrams/Royal	Gemini/Royal
Bruton/Buckner	Coit/LBJ	Skillman/Royal	Dennis/Royal
Hume/Buckner	Coit/Alpha	Audelia/Royal	Brockbank/Royal
Lake June/Hilburn	Coit/Brookglenn	LBJ/Royal	Northhaven/Dennis
Lake June/Buckner	Central/Maham	Whitehurst/Skillman	Forest/Josey
Lake June/Jim Miller	Central/Midpark	Royal/Grey	Webb Chapel/Forest
Buckner/Seco	Spring Valley/Goldmark	Skillman	Marsh/Forest
Buckner/Grovecrest	Midpark/Maham	Abrams/Royal	Royal/Webb Chapel RD
Buckner/Blossom	Rollinghills/Maham	LBJ/Audelia	Cromwell/Forest
MLK/Malcolm X	MLK/Colonial	MLK/Atlanta	Pennsylvania/Malcolm X
Meadow/MLK	MLK/Holmes	Grand/5 Good Latimer	
MLK/SM Wright	Grand/5 Ervay	Grand/Malcolm X	