

District 4 - California Department of Transportation Bay Area Incident Response System (BAIRS)

Challenge the Status Quo!

BAIRS



Bay Area
Incident
Response
System



IT



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Soon to become Braxton

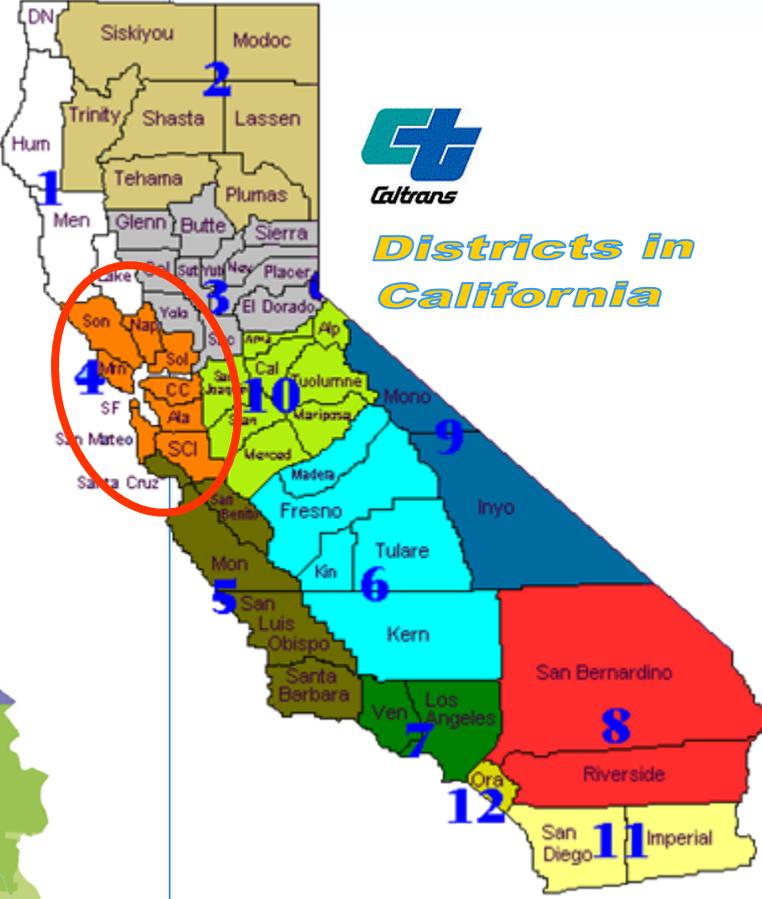
•12/5/2006



Caltrans DISTRICT 4



LEGEND		
Sonoma	Solano	San Francisco
Napa	Contra Costa	San Mateo
Marin	Alameda	Santa Clara



Districts in California



Who's on Board?

Internal:

- ✦ District 4 Maintenance
- ✦ HQIT
- ✦ Office of GIS
- ✦ Deloitte Consulting
- ✦ Caltrans Legal
- ✦ Human Resources
- ✦ Labor Relations
- ✦ Traffic Operations
- ✦ Caltrans HQ staff
- ✦ IMMS
- ✦ TOPSS



External:

- ✦ California Highway Patrol*
- ✦ Metropolitan Transportation Commission
- ✦ International Union of Operating Engineers

BAIRS



Bay Area
Incident
Response
System

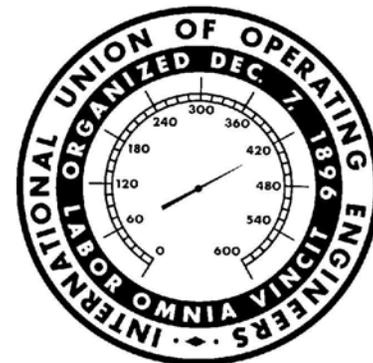


IT

Office of
GIS



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CALIFORNIA
Highway Patrol



Challenge the Status Quo!

Let's set the stage by providing some background on why the BAIRS Project was started...

- ✦ District 4 Caltrans Maintenance staff respond to an average of **1,200** calls per month
- ✦ Average time for complete incident resolution is around **4 hours**
- ✦ Average time it takes from DCC dispatch to personnel "10-97" is around **1 1/2 hours**
- ✦ Average transit time for Maintenance personnel is around **50 min.**
- ✦ For every minute a freeway lane is blocked, traffic is delayed **4 to 10 minutes** due to congestion¹

¹ Parish, Lynn. "Incident responders smooth I-90 traffic". Spokane Journal. 09/13/02.

BAIRS



Bay Area
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BAIRS Traffic Impacted Incidents



Challenge the Status Quo!

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BAIRS Traffic Impacted Incidents



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BAIRS Traffic Impacted Incidents



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Tow Service Accident Response

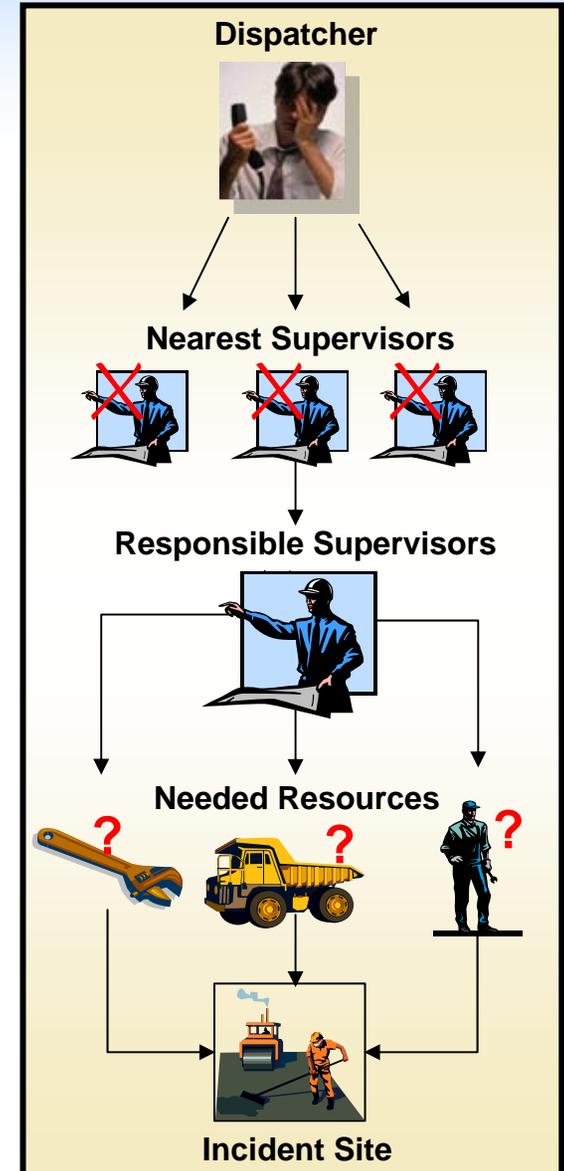


Challenge the Status Quo!

What causes these response times?

In the Fall of 2002, District 4 met with its Supervisors, Superintendents, DCC, Region, and CHP staff to review its current incident dispatching and response processes and discovered:

- ✦ The responsible cost center's Supervisor and crew are the personnel who respond to an incident regardless of geographic location
- ✦ Travel time for personnel is long due to large distances from the incident site
- ✦ Multiple calls are frequently required to secure appropriate response personnel
- ✦ Limited information about incidents results in an inability to assess needed resources and prevents timely access to them
- ✦ Contact and availability Information is not updated frequently which leads to inaccuracies



Challenge the Status Quo!



BAIRS has significantly improved District 4's incident management processes.



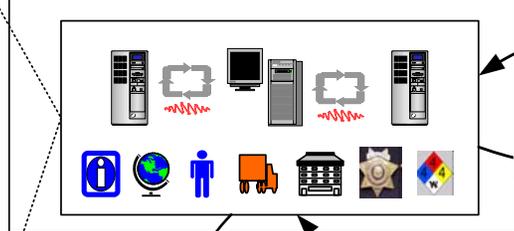
BAIRS

An electronic tool to track, query, update, and provide the following information:

- Incident Information**
 - Description
 - Personnel Contacted
 - Status [Ten-Codes]
- GIS Functionality**
 - Incident Location
 - Resource Locations
 - Detour Information
- Nearest Crew Members**
 - Contact Information
 - Availability
 - Qualifications
- Nearest Available Equipment**
- Nearest Maintenance Yard & Stock Area**
- Public Safety Contact Information**
 - Police
 - Fire Department
 - Hospitals
- Contractor Contact Information**
 - HAZMAT
 - Tow Service



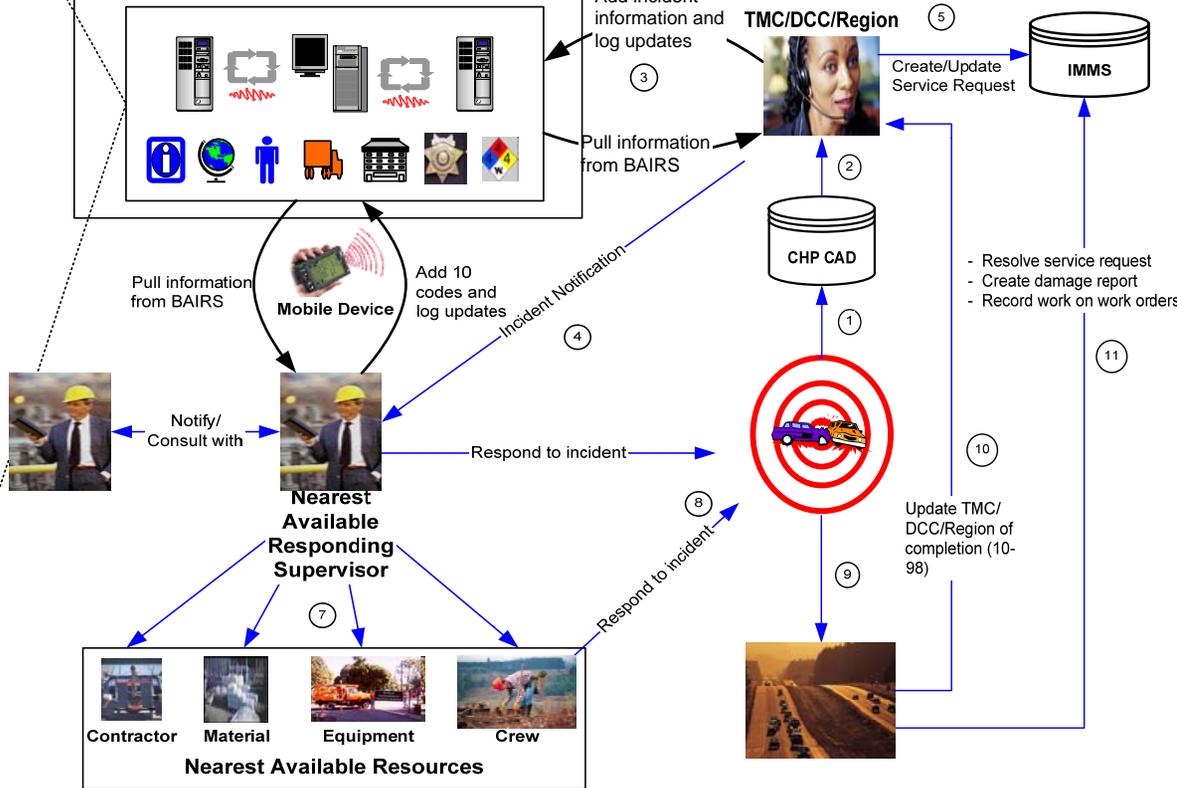
Bay Area Incident Response System



GOAL - Reduce Incident Response / Clearance Time

Objectives:

- Improve, standardize, and automate dispatching procedures/policies
- Provide more accurate/complete and timely information to both dispatchers and responders (supervisors) in the field
- Enhance reporting capabilities
- Reduce/eliminate manual processing



Challenge the Status Quo!





BAIRS Overview and Features

BAIRS is an integrated incident tracking system that provides tools to improve Caltrans' incident response capability.

BAIRS replaced several manual processes and paper-based tools:

- TMC/DCC Paper Radio and Telephone Cards
- Post-mile book
- Call-out lists
- Region directories
- Notification Guidelines
- Paper maps and guides
- Telephone books, directories, and contact sheets
- Manual reports

BAIRS functionality includes:

- Web-based incident log
- GIS capabilities
- Enhanced reporting capabilities
- Performance metrics
- Mobile devices
- Increased incident information available to both Dispatcher and Supervisor
- Online contact, availability and qualification information
- Scalable system





BAIRS



Bay Area
Incident
Response
System

BAIRS GIS

Copyright 2003 California Department of Transportation

BAIRS - GIS

Version 1.0.4



District 4
Maintenance

Developed By:



[Click Here to Continue...](#)



IT



Challenge the Status Quo!

BAIRS GIS MAP

BAIRS GIS Version 1.0.4 Copyright 2003 California Department of Transportation

File Incidents Labeling Identify Auto Update

Get Incidents Start Auto Retrieve

Edit Incident Make Temp Location

Incident Information Incident Resources Facility Information Adv. Queries

One Inch = 23 Miles

Miles 10 20 30 40

Display Layers

- Maintenance Facilities
- Responding Workers
- Emergency Response
- Responding Supervisors
- CHP Offices
- Towing Areas
- HAZMAT Facilities
- Maintenance Regions

Responsible Supervisors

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File Incidents Labeling Identify Auto Update

Get Incidents Start Auto Retrieve Connection suspended until edits

Incident # 1 # Stop Editing Make Temp Location

Incident Information Incident Resources Facility Information Adv. Queries

INCIDENT ID: Incident # 1

DESCRIPTION:
LOCATION DESCRIPTION:
COUNTY:
ROUTE:
POSTMILE:

REGIONAL MANAGER: Robert Salazar
CELL NO: (408) 452-7120

RESPONSIBLE SUPERVISORS:

ROAD - D. Galindo UNIT# 665
HOME PHONE: 510-471-7870
CELL: 408-590-6779

TREE - UNIT# 748

LANDSCAPE - Manuel Alendar UNIT# 659
HOME PHONE: 209-952-6640
CELL: 408-590-6729

BRIDGE - Paul Baggett UNIT# 662
HOME PHONE: 408-946-0743
CELL: 408-590-6764

SIGN - Roger Thomas UNIT# 763
HOME PHONE: 559-237-0932
CELL: 510-708-2572

ELECTRICAL - James Paige UNIT# 787
HOME PHONE: 831-394-7001
CELL: 510-708-2575

One Inch = 23 Miles
Miles 10 20 30 40

Display Layers

Maintenance Facilities Responding Workers Emergency Response

Responding Supervisors CHP Offices Towing Areas

HAZMAT Facilities Maintenance Regions

Locate Supervisor

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File Incidents Labeling Identify Auto Update

Get Incidents Start Auto Retrieve Connection suspended until edits

Incident # 13 # Stop Editing Make Temp Location

Incident Information Incident Resources Facility Information Adv. Queries

Locate Maintenance Facilities

Dist(Miles)	Facility Name	Type
1.56	Walnut Creek West Mtce.Stn.	LSM
1.60	Walnut Creek East Mtce.Stn.	RM
8.39	Caldecott Tunnel	AS
9.72	Seminary Landscape Mtce Station	LSM
10.52	Telegraph Landscape Mtce Station	LSM
11.32	106th Yard	SC
11.64	...	CC

Locate Resources

Specify Type of Resource Responding Supervisors

Locate Near Incident Near Highlighted Maintenance Facility

Dist(Miles)	First	Last	Phone
0.86	Martin	Leber	925-945-
1.29	RICHARD	DEVEREAUX	(925)-94-
3.62	CHARLES	HAZELWOOD	9256806
3.90	Neil	Lundgren	
4.00	Laura	Horan	510-442-
4.31	Manuel	Miranda	925-349-
5.84	MICHAEL	HART	(925)-62-
6.59	JOSEPH	GILLIS	(925)-67-
6.70	DENNIS	ASSID	925-827-
7.98	Warren	Williams	925-682-
9.27	SURINDER	MAHAL	5106544
10.05	Robert	Sorenson	510-655-
10.19	WILLIAM	THOMAS	5102610
10.33	EMERY	LOWE	5106327
10.67	CARLOS	HERRERA	5106550
10.69	JEFFREY	SIMAS	510-262-

One Inch = 23 Miles

Miles 10 20 30 40

Display Layers

- Maintenance Facilities
- Responding Workers
- Emergency Response
- Responding Supervisors
- CHP Offices
- Towing Areas
- HAZMAT Facilities
- Maintenance Regions

Search For nearest Resources

Connection suspended until edits

Incident # 13

Qualifications

Crew Type and Qualification Criteria

Maintenance Facilities

Dist(Miles)	Facility Name	Type
1.56	Walnut Creek West Mtce. Stn.	LSM
1.60	Walnut Creek East Mtce. Stn.	RM
8.39	Caldecott Tunnel	AS
9.72	Seminary Landscape Mtce Station	LSM
10.52	Telegraph Landscape Mtce Station	LSM

Near Incident Near Chosen Maintenance Facility



Responding Workers

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File Incidents Labeling Identify Auto Update

Get Incidents Start Auto Retrieve Connection suspended until edits

Incident # 1 # Stop Editing Make Temp Location

Incident Information Incident Resources Facility Information Adv. Queries

Locate Maintenance Facilities

Dist(Miles)	Facility Name	Typ
3.81	San Jose Mtce Station	RM
7.94	Cupertino Mtce Station	HM
8.27	Milpitas Mtce Station	LST
10.20	S. San Jose Maintenance	HM
12.64	Mt View	SC
14.96	Page Mill Electrical	SC

Locate Resources

Specify Type of Resource Responding Workers

Locate Near Incident Near Highlighted Maintenance Facility

Dist(Miles)	First	Last	Phone
0.82	Patrick	Orozco	408-829
0.97	JOHN	MURPHY	408-298
1.54	DAVID	HUGHES	408-294
2.06	DAVID	FOSNAUGH	408-247
2.17	Sophat	Rem	408-417
2.37	James	McIntyre	408-667
2.48	JUAN	DIAZ	408-260
2.69	JORGE	MARTINEZ	408-292
3.68	JUAN	IBARRA	408-287
3.88	JOSE	RICO	408-254
4.19	RUBEN	URIBE	408-717
4.25	ROGER	INGRAM	408-423
4.64	RUDY	ACEVEDO	408-269
4.69	MICHAEL	CAMPBELL	408-540
4.76	VICTOR	ONG	408-229
4.81	JAMES	MC MAHAN	408-230

One Inch = 23 Miles

Miles 10 20 30 40

Display Layers

- Maintenance Facilities
- Responding Workers
- Emergency Response
- Responding Supervisors
- CHP Offices
- Towing Areas
- HAZMAT Facilities
- Maintenance Regions



GIS Tool

BAIRS GIS Prototype Version 0.1.1

File Incidents Labeling Identify

One Inch = 0.56 Miles
Miles 0.25 0.5 0.75 1

Display Layers

- Maintenance Facilities
- Responding Workers
- Responding Supervisors
- CHP Offices
- HAZMAT Facilities
- Maintenance Regions

Incident # 1

Incident Information Incident Resources

Locate Maintenance Facilities

Locate Facilities

Dist(Miles)	Facility Name	T
1.70	Sterling Sub Station	S
1.92	West Bay Point	S
3.25	Yerba Buena Island	S
4.32	San Francisco	A
4.33	Specialty Region	R
6.33	Toll Bridge Remov	R

Locate Resources

Specify Type of Resource

- Responding Supervisors
- Responding Workers
- CHP Offices
- HAZMAT Facilities
- Maintenance Facility

Near Incident Maintenance Facility





GIS Tool

BAIRS GIS Prototype Version 0.1.1

File Incidents Labeling Identify

One Inch = 0.145 Miles
Miles 0.1 0.2

Display Layers

- Maintenance Facilities
- Responding Workers
- Responding Supervisors
- CHP Offices
- HAZMAT Facilities
- Maintenance Regions

Identify

Field Name	Value
CELL	707-695-5115
CLASS_CODE	6301
CLASS_NAME	CALTRANS MAINT...
FeatureId	41
FIRST	Dave
LAST	Ward
PAGER	707-789-8992
PHONE_HM	999-555-1212
ReclD	154
REGION	D4NBay
RESPONDENT	1
Shape	41
SUPV	Hauke
UNIT	0

Incident Information Incident Resources

Locate Maintenance Facilities

Locate Facilities

Dist(Miles)	Facility Name	T
1.70	Sterling Sub Station	S
1.92	West Bay Point	S
3.25	Yerba Buena Island	S
4.32	San Francisco	A
4.33	Specialty Region	R
6.33	Toll Bridge Reninn	R

Locate Resources

Specify Type of Resource Responding Supervisors

Locate

Near Incident Near Highlighted Maintenance Facility

Dist(Miles)	First	Last	Phone
0.75	Dave	Ward	999-555-
3.13	Edward	Murphy	999-555-
4.04	Mel	Campbell	999-555-
4.74	Allen	Levy	999-555-
4.90	Mahlon	Maroney	999-555-
5.10	Calvin	Davis	999-555-
5.55	CHARLES	HIGHTOWER	999-555-
5.59	Paul	Brady	999-555-
5.80	Jose Luis	Padilla	999-555-
6.42	Jon	Stidman	999-555-
8.20	Javier	Adame	999-555-
8.34	Frank	Reece	999-555-
8.91	Miguel	Gutierrez	999-555-
9.11	George	Chevalier	999-555-
9.11	Susanne C	Rohner	999-555-
9.12	Phil	Briht	999-555-

Office of GIS





GIS Tool

BAIRS GIS Prototype Version 0.1.1

File Incidents Labeling Identify

One Inch = 0.56 Miles
Miles 0.25 0.5 0.75 1

Display Layers

- Maintenance Facilities
- Responding Workers
- Responding Supervisors
- CHP Offices
- HAZMAT Facilities
- Maintenance Regions

Incident # 1

Incident Information Incident Resources

Locate Maintenance Facilities

Locate Facilities

Dist(Miles)	Facility Name	T
1.70	Sterling Sub Station	S
1.92	West Bay Point	S
3.25	Yerba Buena Island	S
4.32	San Francisco	A
4.33	Specialty Region	R
6.33	Toll Bridge Reminn	R

Locate Resources

Specify Type of Resource Responding Supervisors

Locate

Near Incident Near Highlighted Maintenance Facility

Office of GIS





GIS Tool

BAIRS GIS Prototype Version 0.1.1

File Incidents Labeling Identify

One Inch = 1.69 Miles
Miles 1 2 3

Display Layers

- Maintenance Facilities
- Responding Workers
- Responding Supervisors
- CHP Offices
- HAZMAT Facilities
- Maintenance Regions

Office of GIS

Create Incident Incident # 1 Stop Editing

Incident Information Incident Resources

Locate Maintenance Facilities

Locate Facilities

Dist(Miles)	Facility Name	T
1.70	Sterling Sub Station	S
1.92	West Bay Point	S
3.25	Yerba Buena Island	S
4.32	San Francisco	A
4.33	Specialty Region	R
6.33	Toll Bridge Region	R

Locate Resources

Specify Type of Resource Responding Supervisors

Locate

Near Incident Near Highlighted Maintenance Facility

Dist(Miles)	First	Last	Phone
2.00	Edward	Murphy	999-555
2.28	Dave	Ward	999-555
3.07	Mel	Campbell	999-555
3.21	Mahlon	Maroney	999-555
3.43	Calvin	Davis	999-555
4.02	CHARLES	HIGHTOWER	999-555
4.56	Jose Luis	Padilla	999-555
4.57	Allen	Levy	999-555
5.57	Jon	Stidman	999-555
5.82	Paul	Brady	999-555
7.64	Frank	Reece	999-555
7.78	Miguel	Gutierrez	999-555
8.08	Javier	Adame	999-555
8.09	Phil	Bright	999-555
8.10	Mario	Conti	999-555
8.10	Inan	Callawau	999-555



Facility Information

Get Incidents

Start Auto Retrieve

Connection suspended until edits



Incident # 13



#

Stop Editing

Make Temp Location

Incident Information

Incident Resources

Facility Information

Adv. Queries

Select Maintenance Facility

Dist(Miles)	Facility Name	Ty
1.56	Walnut Creek West Mtce.Stn.	LS
1.60	Walnut Creek East Mtce.Stn.	RM
8.39	Caldecott Tunnel	AS
9.72	Seminary Landscape Mtce Station	LS
10.52	Telegraph Landscape Mtce Station	LS
11.32	106th Yard	SC
11.61	Benicia Electrical	SC

Materials and Equipment

Select a Cost Center



Equipment



Materials

Search

BAIRS Webb Site

BAIRS

View Current Incident Entries - Microsoft Internet Explorer

File >> Links BAIRS Download BAIRS Training Log Customize Links Free Hotmail Windows Media Windows Staff Central >>

Back Forward Stop Home Search Favorites Media >> Address http://bairs.dot.ca.gov/incidents/view.php?max=2,4&sc=incidents.created_by_tmstp%20DES Go

Bay Area Incident Response

PhoneList Construction Postmiles Closures Guidelines Contractors

Thursday, July 15, 2004

Call Log New Incident Incident List Reports Admin Search

Recent Incidents

Click the magnifying glass for details.

ID	LOCATION	DESCRIPTION	BEGIN	END	STATUS
35703 Edit Add	SOL SB 680 1.463 at jso industrial	big rig overturned	JUL/13/04 04:19	JUL/13/04 08:40	closed - T
35702 Edit Add	ALA EB 580 at jwo 150th	30 ft guard rail destroyed	JUL/13/04 03:24	JUL/13/04 03:30	closed
35701 Edit Add	SF EB 80 0 at jeo toll	eb jeo toll for arrest south side	JUL/13/04 03:10	JUL/13/04 03:12	closed
35700 Edit Add	ALA EB 84 0 at HIGH-RISE	STALL EB AT HIGH RISE	JUL/13/04 02:56	JUL/13/04 03:21	closed
35699 Edit Add	MRN SB 101 10.651 at JNO CSRL	10-32 DEER ON RHS	JUL/13/04 01:52	JUL/13/04 01:54	closed
35698 Edit Add	ALA WB 92 1.85 at SAN MATEO BRDG	CALL BOX OPER. SM 92 18 57 WB MILE MARKER 1.85, BRN TOY, FLT TIRE	JUL/13/04 01:47	JUL/13/04 01:50	closed
35697 Edit Add	ALA SB 880 0 at JNO FRUITVALE	METAL CHAIN ON RHS	JUL/13/04 01:07	JUL/13/04 01:16	closed
35696 Edit Add	SM NB 280 10.8 at EB 92 CON.	1032 DEER RHS	JUL/13/04 00:04	JUL/13/04 00:14	closed

Earlier 5 hours | More recent 5 hours



Expanded Incident Log #35862

Entries for Incident Number 35703

Location: SOL SB 680 1.463 at jso industrial

INCIDENT NUMBER	COMMENTS	UNIT ▲▼	DISPATCHER ▲▼	RECEIVED ▲▼	DISPATCHED ▲▼	STATUS ▲▼
35703	Closing log per earlier entry. 10-98	4-2-234	kwilliams	JUL/13/04 08:40		closed -T
35703	10-97 CORRECTION ADD TRAFFIC IMPACTED 10-97	4-2-234	freece	JUL/13/04 04:31		immediate action required -T
35703	ALL LANES OPEN 10-98	4-6-36	pcarney	JUL/13/04 06:43		immediate action required
35703	CLOSE LOG 10-98	4-2-234	freece	JUL/13/04 06:48		closed
35703	10-97 10-97	4-2-234	freece	JUL/13/04 04:31		immediate action required
35703	4-2-256 10-8	4-2-234	freece		JUL/13/04 04:31	immediate action required
35703	4-6-36 CALLED IN SB 680 OPENED @ 06:30 10-4	4-6-36	pcarney	JUL/13/04 06:34		immediate action required
35703	CALLED HQ GAVE UPDATE SPOKE W/ JANICE 10-5	DCC	pcarney		JUL/13/04 06:07	immediate action required
35703	vicky/tmc called ETO IS 07:30 ALSO ADDING SERVICE RQST #195222 10-4	tmc	pcarney	JUL/13/04 06:03		immediate action required
35703	ken called 10-8 10-4 KENNETH BAUER	4-6-37	pcarney	JUL/13/04 04:57		immediate action required



IT





Expanded Incident Log #35862 (cont)

35703	We sent our driver and another small truck to assist. Help with traffic until mike farrar arrives. 10-8	4-2-232	alevy	JUL/13/04 04:19	immediate action required -T
35703	called ken bauer 4-6-37 to send him & his crew to this 10-20 per 4-6-36(is on scene) 10-21 KENNETH BAUER	dcc	pcarney	JUL/13/04 04:41	immediate action required
35703	called glen lowe 4-6-4 advsd he sent mike farrar 4-6-36 to this 10-20 10-5 Glen Lowe	dcc	pcarney	JUL/13/04 04:28	immediate action required
35703	CALLED SAC. HQ GAVE AN UPDATE OF INCIDENT / KIETH 10-39	8/453-3442	nwashington	JUL/13/04 04:35	immediate action required
35703	big rig overturned 10-4	chp	pcarney	JUL/13/04 04:19	immediate action required

View [overall details](#) for this incident.





LONG FORM (cont)

Vehicle 1: Problem: Color: Year: Make:

Body: License: mech

AAA?: No MTCE?: No MTCE ETA: ELEC?: No ELEC ETA:

Ambulance required?: No Amb. ETA: MAIT involved?: No

Vehicle Type:

Contact Type:

Name:

10-39 Incident:

10-39 Complete:

Contact Type:

Name:

10-39 Incident:

10-39 Complete:

Submit form



BAIRSBay Area
Incident
Response
System

Traffic Impact Report by Date

BAIRSTraffic
Impact By
DateFor the January
Month of: 2006

Day of Month	Total "T" Incidents	Cleared < 90 Min. Count	Cleared < 90 Min. Minutes	Cleared >= 90 Min. Count	Cleared >= 90 Min. Minutes	Total Minutes
1	87	69	924	18	21,787	22,711
2	31	23	706	8	2,866	3,572
3	24	15	477	9	1,597	2,074
4	11	10	107	1	150	257
5	6	5	131	1	244	375
6	6	4	129	2	252	381
7	11	8	185	3	578	763
8	5	4	92	1	406	498
9	9	8	260	1	241	501
10	7	7	189	0	0	189
11	7	6	85	1	166	251
12	2	1	10	1	345	355

Totals	206	160	3,295	46	28,632	31,927
---------------	------------	------------	--------------	-----------	---------------	---------------

Average Total "T" Minutes:

Average Percent Under 90 Minutes:

**Challenge the Status Quo!**



Callout Details

BAIRS Callout From: 2005-12-01 to: 2006-01-12
Details

Incident ALL
Type:

Region: North

County: ALL

Route: *

Postmile *
from:

to: *

Staff	Region	Cost Center	Supervisor	Incident ID	Call Time	CO-Rte-PM	Incident Region	NA	10-8
BAUER, KENNETH	North	637	Unassigned	66674	12/20 04:11	SOL 80--20.795	North Bay		Resp
BAUER, KENNETH	North	637	Unassigned	66668	12/19 23:45	SOL 80----17.939	North Bay	Msg	
BAUER, KENNETH	North	637	Unassigned	66605	12/18 20:30	SOL 80--10.6	Delta	Msg	
HOUSTON, LINTON	North	625	Unassigned	65821	12/04 17:30	MRN 101--5.6	North Bay	Msg	
HOUSTON, LINTON	North	625	Unassigned	65820	12/04 17:28	MRN 101--5.0	North Bay	Msg	
KRACKE, JAMES	North	623	ONEILL	65819	12/04 17:24	SON 101--15.3	North Bay	Msg	
MENA, RICHARD	North	643	Unassigned	67002	12/26 02:27	SOL 80----30.01	North Bay	Msg	
TOMLIN, JOE	North	627	Unassigned	66913	12/23 17:29	SON 116--0.8	North Bay		12/23 17:30

Count: 8





Response Times

BAIRS Response Times From 2005-12-01 to 2006-01-12 Incident ALL Type:

Region: North County: ALL Route: *

Postmile * from: to: *

Inc. ID	Region	TMC Notified	Time at 10-8	Time at 10-97	Time at 10-98	Noti. to 10-8	Noti. to 10-97	10-8 to 10-97	10-97 to 10-98	Noti. to 10-98	IMMSvcReq
68178	North Bay	01/11 17:28			01/11 17:29					1min	302430
68177	North Bay	01/11 17:23			01/11 17:24					1min	
68163	North Bay	01/11 13:35			01/11 13:40					5min	302358
68162	North Bay	01/11 13:30			01/11 13:35					5min	302357
68166	North Bay	01/11 11:32			01/11 12:00					28min	
68165	North Bay	01/11 10:39			01/11 11:05					26min	302364
68116	North Bay	01/10 12:40			01/10 12:50					10min	302086
68115	North Bay	01/10 12:05			01/10 12:20					15min	302088





BAIRS STATUS

BAIRS



*Summary
By Month*

Since: 2005-01-01

Month	Fatalities	Hazmat	Total Incidents	CNR	Not Traffic Impacted	Traffic Impacted	TI Cleared < 90 Min.	% TI Cleared < 90 Min.
January	8	26	2,355	210	1,895	460	349	75.87 %
February	10	12	1,408	109	1,217	191	149	78.01 %
March	12	14	1,774	133	1,551	223	167	74.89 %
April	8	19	1,622	149	1,486	136	102	75.00 %
May	3	20	1,738	129	1,572	166	123	74.10 %
June	10	18	1,681	119	1,505	176	136	77.27 %
July	9	29	1,681	112	1,543	138	98	71.01 %
August	7	24	1,766	118	1,589	177	114	64.41 %
September	4	28	1,531	106	1,341	190	139	73.16 %
October	11	32	1,544	155	1,347	197	134	68.02 %
November	9	23	1,540	117	1,262	278	198	71.22 %
December	4	9	1,693	169	1,253	440	283	64.32 %
Total:	95	254	20,333	1,626	17,561	2,772	1,992	71.86 %

*Prepared 1/12/2006
at: 5:46:59
AM*





BAIRS STATUS

BAIRS

Summary
By Region

Since: 2005-01-01

Region	Fatalities	Hazmat	Total Incidents	CNR	Not Traffic Impacted	Traffic Impacted	TI Cleared < 90 Min.	% TI Cleared < 90 Min.
Delta	16	34	2,387	299	2,146	241	148	61.41 %
East Bay	27	65	2,983	214	2,730	253	150	59.29 %
North Bay	18	67	3,719	228	3,185	534	314	58.80 %
South Bay	12	28	3,124	154	2,830	294	176	59.86 %
Specialty	1	1	1,123	77	1,006	117	65	55.56 %
Tollbridge	2	19	3,886	123	2,903	983	928	94.40 %
Unknown	1		28	387	26	2		0.00 %
West Bay	18	40	3,085	144	2,736	349	212	60.74 %
Total:	95	254	20,335	1,626	17,562	2,773	1,993	71.87 %

Prepared 1/12/2006
at: 6:00:35
AM



BAIRS



Bay Area
Incident
Response
System

Questions???



IT



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Challenge the Status Quo!