

Balfour Beatty



Parsons Brinckerhoff Teach-in Day

30 September 2010





Parsons Brinckerhoff

Overview

**George J. Pierson
President & CEO**

September 2010

Outline



- **Historical Overview**
- **Organization**
- **12 Major Projects**
- **Market Environment**
- **Financials**
- **Growth Strategy**
- **Questions & Answers**

Outline

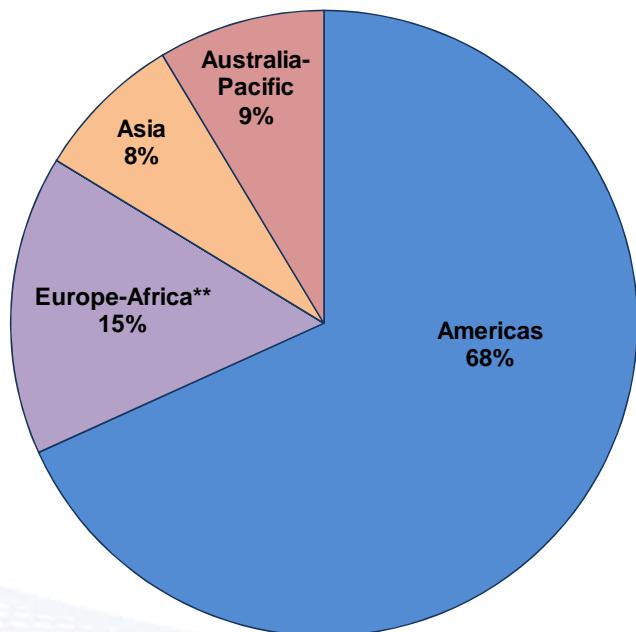


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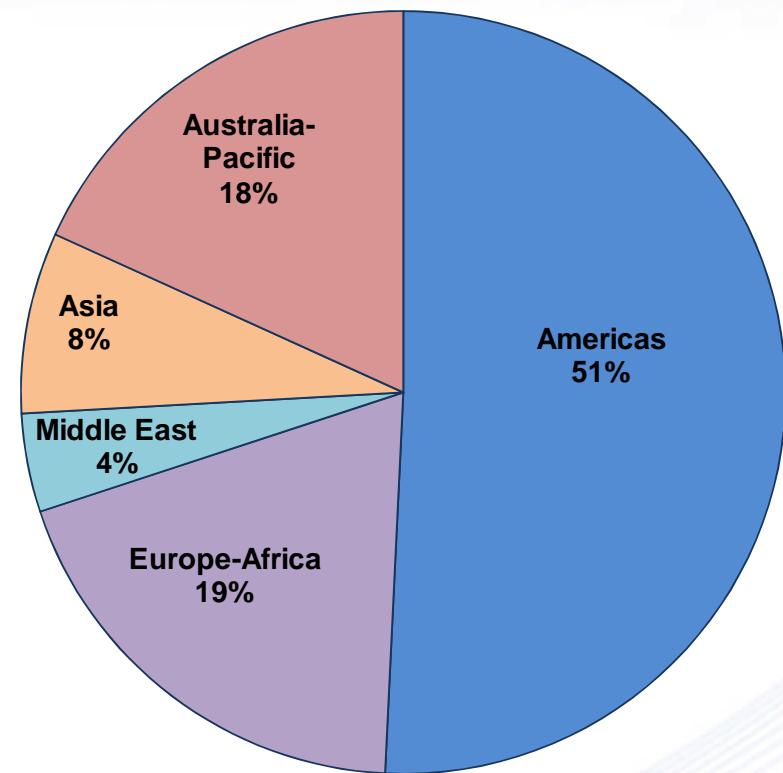
Gross Revenue Comparison & Geographic Breakdown



2005
\$1.45bn



2010*
circa \$2.2bn



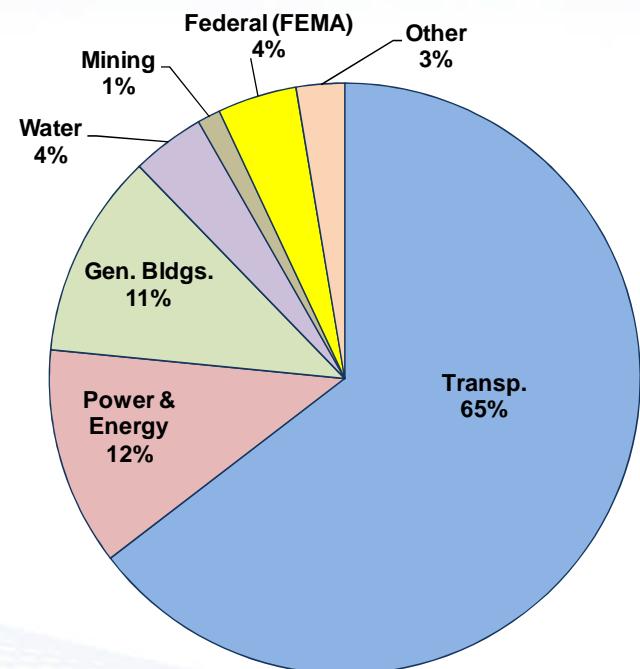
* Based on 2x H1 2010 Revenue and excludes BBM and Heery and is illustrative and not a forecast.

** Includes Middle East.

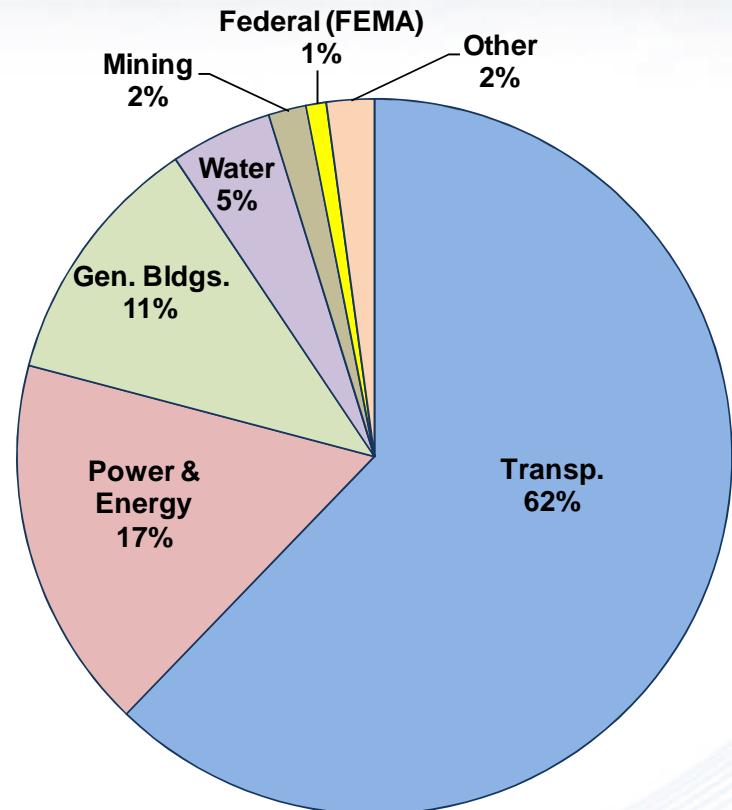
Gross Revenue Comparison & Market Sector Breakdown



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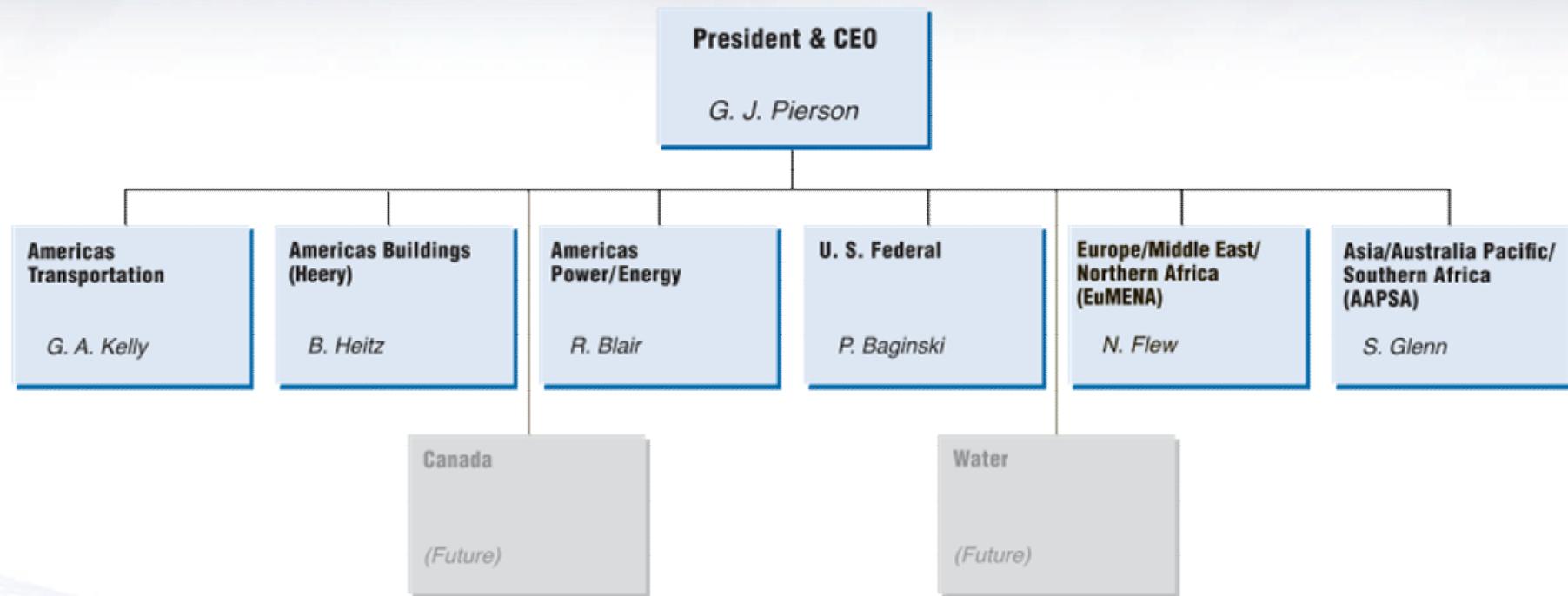
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Outline

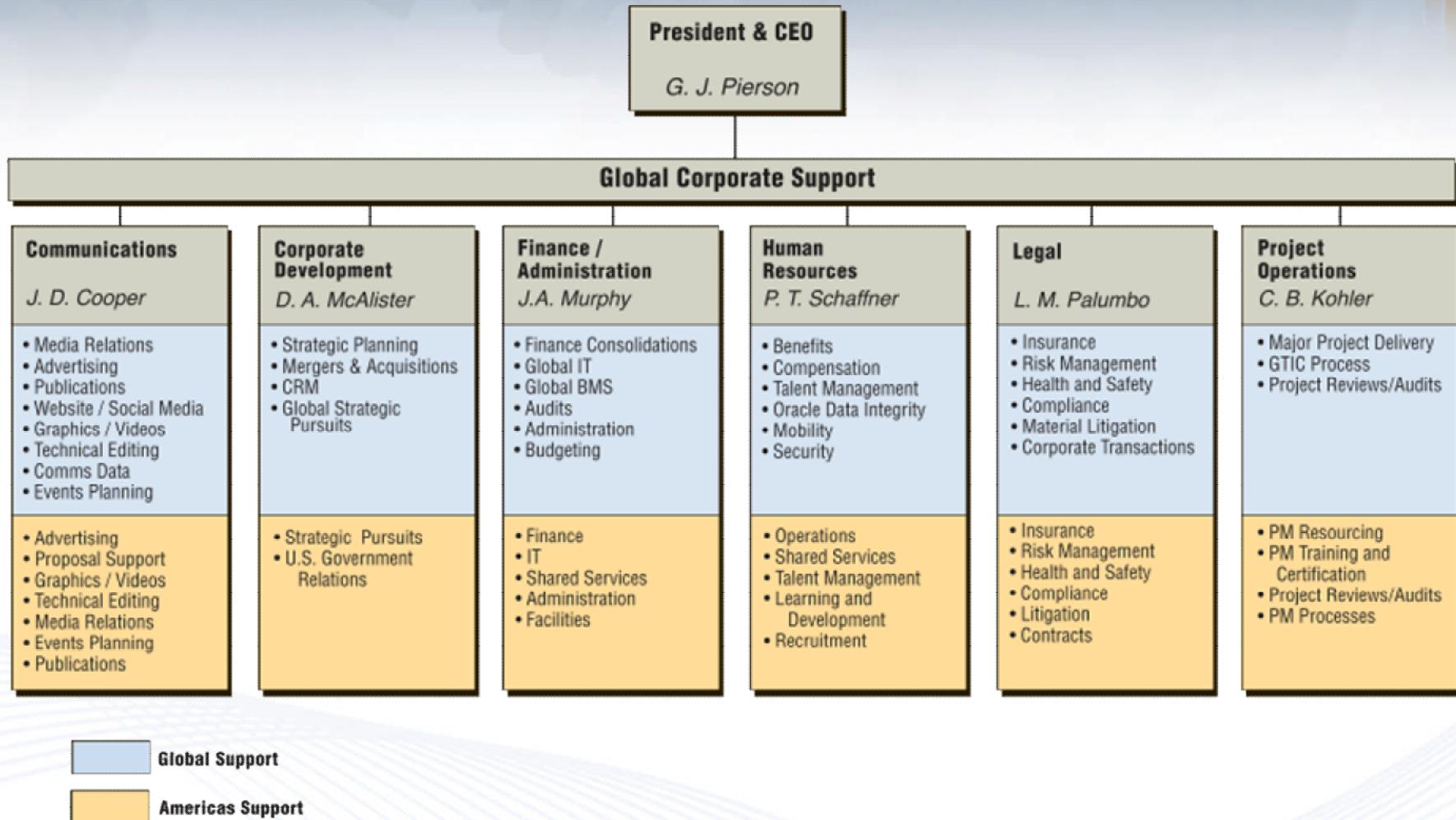


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Parsons Brinckerhoff Operating Companies



Parsons Brinckerhoff Corporate Services



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Medupi Power Plant - South Africa



- Scope: Engineering and Project Management support for 4,800 MW power station
- Owner: Eskom



Brisbane Airport Link – Australia



- Scope: Detailed design in joint venture for roadway upgrade project comprising tunnels and a new airport connection
- Owner: Queensland Government



Victoria Desalination Plant - Australia



- **Scope:** Design services in joint venture on reverse osmosis desalination plant delivering 150 billion liters of water per year
- **Owner:** Victoria Government



Honolulu High-Capacity Transit Corridor Project - Honolulu, HI



- Scope: EIS and design management for 20 miles of elevated LRT corridor
- Owner: City and County of Honolulu



I-69 Oakland City to Crane - IN



- Scope: Final design and design management for 55 miles of new interstate highway
- Owner: Indiana Dept. of Transportation



Alaskan Way Viaduct - Seattle, WA, USA



- Scope: Environmental impact study; conceptual and preliminary engineering
- Owner: Washington State Dept. of Transportation; City of Seattle; Federal Highway Administration



Second Avenue Subway – New York NY



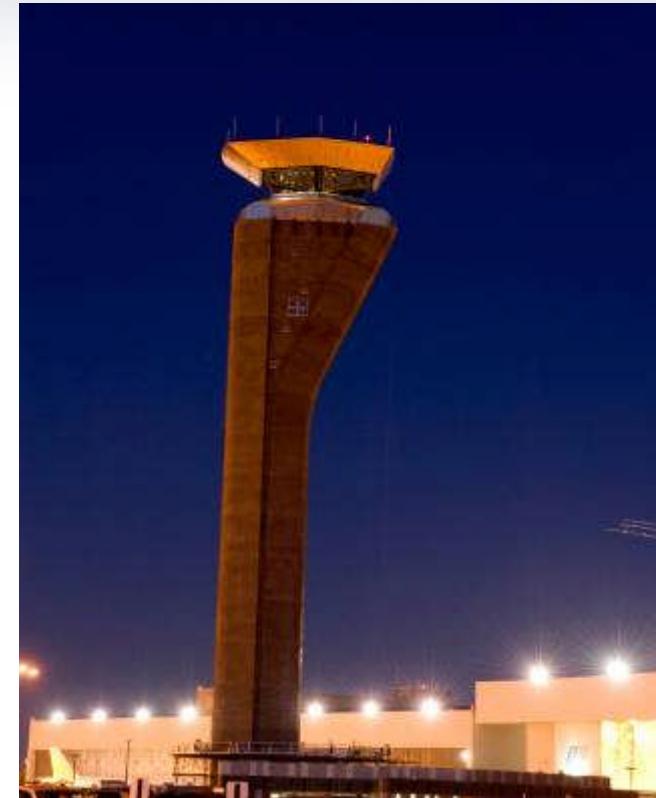
- **Scope: Construction management professional services for \$3.6 Bn subway extension**
- **Owner: Metropolitan Transportation Authority Capital Construction**



O'Hare Airport – Chicago, IL



- **Scope: Construction management professional services for \$6 Bn reconstruction and expansion of O'Hare Airport**
- **Owner: City of Chicago, Department of Aviation**



California High Speed Rail - CA, USA



- Scope: Program Management for high speed rail project that will achieve speeds of 220 mph over 800 miles of route
- Owner: California High-Speed Rail Authority



FEMA Inspection Services - Nationwide, USA



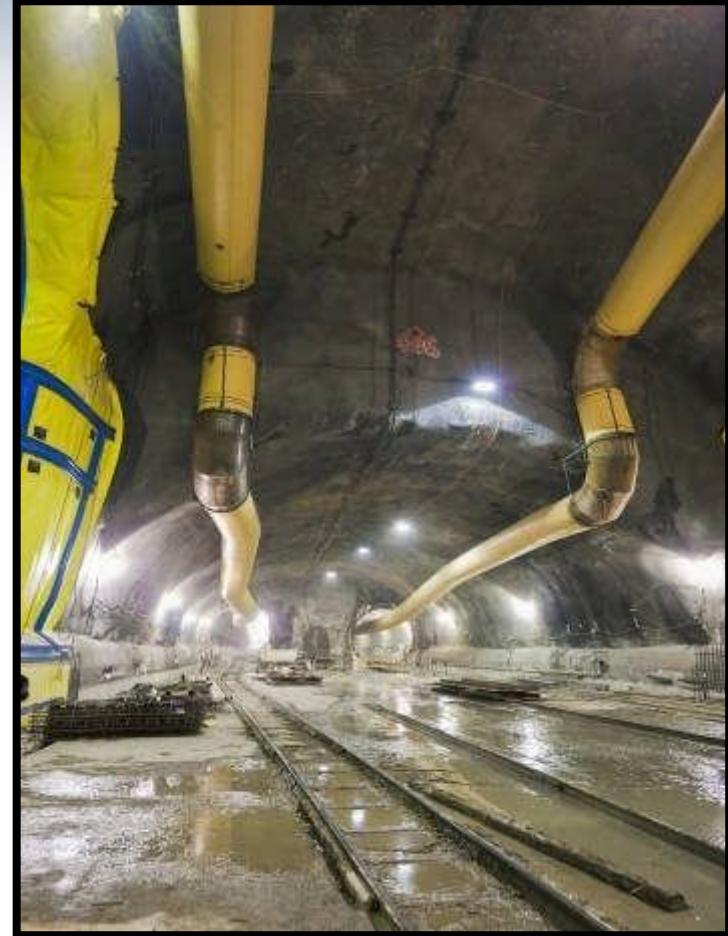
- Scope: Housing inspection services following Presidentially-declared natural disasters
- Owner: Federal Emergency Management Agency



No. 7 Subway Extension - New York City, USA



- Scope: Final design services on a project to extend the No. 7 line from Times Square to Manhattan's far West Side
- Owner: Metropolitan Transportation Authority Capital Construction



Eastside Access Project – New York City, USA



- Scope: General Engineering Consultant for a project to extend Long Island Rail Road service to Manhattan's East Side
- Owner: Metropolitan Transportation Authority Capital Construction



Project Portfolio – Some Perspective



- Preceding 12 major projects represent 17% of H1 2010 revenue for PB
- Number of active projects in the US is 2,440
- Average value of US projects is \$2.8m

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PB ENR Rankings

2010



THE CONSTRUCTION WEEKLY

August 30, 2010 • enr.com

The McGraw-Hill Companies

ENR
Engineering News-Record

**THE TOP
INTERNATIONAL
CONTRACTORS**

Expanding Horizons

Balfour Beatty's acquisition of Parsons Brinckerhoff launches a global infrastructure juggernaut

A photograph of two men in dark suits standing in front of a city skyline, likely New York City, with the Hudson River visible in the background. The man on the left is pointing towards the camera. They appear to be the CEOs of the companies mentioned in the article.

Left: Ian P. Tyler, CEO
Balfour Beatty plc
Right: George J. Parsons
President & CEO
Parsons Brinckerhoff

McGraw-Hill CONSTRUCTION

**PARSONS
BRINCKERHOFF**
125 YEARS

PB ENR Rankings

2010



THE TOP 500 DESIGN FIRMS

RANK
2010 2009 FIRM

10	6	THE SHAW GROUP INC., Baton Rouge, La. [†]
11	13	HDR, Omaha, Neb. [†]
12	11	PARSONS BRINCKERHOFF INC., New York, N.Y. [†]
13	12	PARSONS, Pasadena, Calif. [†]
14	46	McDERMOTT International Rockford, Ill. [†]

TRANSPORTATION

RANK* FIRM

RANK*	FIRM	\$ MIL.
1	AECOM Technology Corp.	1,726.5
2	URS Corp.	1,363.0
3	Parsons Brinckerhoff Inc.	901.2
4	Louis Berger Group	808.7
5	Jacobs	775.0

HIGHWAYS

RANK* FIRM

RANK*	FIRM	\$ MIL.
1	URS Corp.	606.6
2	AECOM Technology Corp.	571.1
3	Parsons Brinckerhoff Inc.	463.9
4	HNTB Cos.	458.9
5	Louis Berger Group	414.0

BRIDGES

RANK* FIRM

RANK*	FIRM	\$ MIL.
6	Louis Berger Group	82.6
7	Greenman-Pedersen Inc.	79.1
8	Parsons Brinckerhoff Inc.	72.1
9	T.Y. Lin International	70.4
10	Michael Baker Corp.	66.5

MASS TRANSIT AND RAIL

RANK* FIRM

RANK*	FIRM	\$ MIL.
1	AECOM Technology Corp.	493.9
2	Parsons Brinckerhoff Inc.	351.3
3	Jacobs	242.1
4	URS Corp.	201.8
5	Louis Berger Group	169.7

#12

#3

#3

#8

#2

#13

#10

#7



July 5, 2010 • enr.com
McGraw-Hill Construction
THE TOP 500
DESIGN FIRMS SOURCEBOOK
THE TOP GREEN DESIGN FIRMS

MARKETS (% OF 2009 REVENUE)												
TYPE OF FIRM	2009 REVENUE	TOTAL	INT'L	GEN. BLDG.	MFG.	WATER POWER	SEWER/ INDUS/ SUPPLY WASTE	HAZ. PETRO. TRANS. WASTE	TELECOM			
EC	1,671.1	599.9		1	0	41	0	1	35	4	18	0
EA	1,456.5	79.3		24	0	10	12	14	0	37	2	0
EA	1,364.2	68.6		12	0	17	3	1	0	66	0	0
EC	1,336.7	228.4		14	1	3	8	4	10	38	17	4
EC	1,456.7	392.9		5	0	60	12	16	3	0	1	7

POWER

RANK* FIRM

RANK*	FIRM	\$ MIL.
11	Zachry Holdings	256.4
12	AMEC	252.4
13	Parsons Brinckerhoff Inc.	228.0
14	McDermott International Inc.	209.3
15	WorleyParsons Group Inc.	193.7

FOSSIL FUEL

RANK* FIRM

RANK*	FIRM	\$ MIL.
8	Kiewit Corp.	160.8
9	AECOM Technology Corp.	131.8
10	Parsons Brinckerhoff Inc.	129.3
11	Fluor Corp.	128.7

TRANSMISSION AND DISTRIBUTION PLANTS

RANK* FIRM

RANK*	FIRM	\$ MIL.
5	TRC Cos. Inc.	67.4
6	URS Corp.	49.0
7	Parsons Brinckerhoff Inc.	47.9
8	Tetra Tech Inc.	43.0
	HDR	3.9

25
125 YEARS

PARSONS
BRINCKERHOFF

New Civil Engineering Consultants File

2010



FIRMS RANKED BY TOTAL NUMBER OF STAFF

Company	Staff	Last year
1 Parsons Brinckerhoff	17548	-
2 Atkins	16200	18800
3 Mott MacDonald	15700	16700
4 Jacobs	15500	15500

#1

FEES RENDERED

Company	Fees rendered (£M)	Last year
1 Atkins	1487.2	1295
2 Parsons Brinckerhoff	1091	179.25
3 Mott MacDonald	907	957.6
4 Jacobs	857.6	857.6

#2

STAFF ON OVERSEAS PROJECTS

Company	Staff	Last year
1 Parsons Brinckerhoff	11684	-
2 Mott MacDonald	6850	7021
3 Jacobs	5500	5500

#1

OVERSEAS TURNOVER

Company	Overseas turnover (£M)	Last year
1 Parsons Brinckerhoff	1045.5	115
2 Mott MacDonald	660.4	413.2

#1

TOP FIRMS IN RAIL

Company	Fees rendered (£M)	Last year
1 Atkins	286	275
2 Parsons Brinckerhoff	173	28.5
3 Mott MacDonald	130	131.6
4 Arup	88.7	85.4

#2

TOP FIRMS IN ROADS/ROAD BRIDGES

Company	Fees (£M)	Last year
1 Atkins	282	225
2 Mouchel	278	232
3 Parsons Brinckerhoff	209	22
4 Jacobs	120	312

#3

TOP FIRMS IN POWER

Company	Fees (£M)	Last year
1 Mott MacDonald	186	139
2 RPS	118	121
3 Parsons Brinckerhoff	106	83
4 Atkins	91	54

#3

TOP FIRMS IN WORK IN HAND

Company	£M
1 Vf	4468
2 Mouchel	1680
3 Parsons Brinckerhoff	1539
4 Mott MacDonald Group	1020

#3

TOP FIRMS IN PROJECT MANAGEMENT

Company	Fees (£M)	Last year
1 Parsons Brinckerhoff	307	5
2 Maxar	281	281.4
3 Atkins	177	54

#1

PB Roads & Bridges Go-To List

2010



ROADS&BRIDGES Go-To LIST

2010 Top Design Firms



Top Road & Highway Design Firms

1. URS (Washington Group International) www.urgroup.com
2. Parsons Brinckerhoff Inc. www.pbworld.com
3. HNTB Corp. www.hntb.com
4. HDR www.hdrinc.com

21. Burgess & Niple www.burgessniple.com
22. KCI Technologies Inc. www.kci.com
23. Rummel Klepper & Kahl LLP www.rkklp.com
24. Garver Engineers www.garverusa.com
25. Greenman-Pedersen www.gped.com

#2



Top Bridge Design Firms

1. Parsons Brinckerhoff Inc. www.pbworld.com
2. HNTB Corp. www.hntb.com
3. URS (Washington Group International) www.urgroup.com

16. Burns & McDonnell www.burnsmcd.com
17. Dewberry www.dewberry.com
18. Greenman-Pedersen Inc. www.gped.com
19. Skanska Civil USA www.jsccivil.skanska.com
20. Louis Berger Group www.louisberger.com

#1



Top Storm-Water Design Firms

1. CH2M Hill Cos. Ltd. www.ch2m.com
2. URS (Washington Group International) www.urgroup.com
3. Parsons Brinckerhoff Inc. www.pbworld.com
4. HNTB Corp. www.hntb.com
5. HDR www.hdrinc.com

10. Stantec Inc. www.stantec.com
11. David Evans and Associates www.deainc.com
12. Jacobs (Carter & Burgess Inc.) www.jacobs.com
13. Edwards and Kelcey Inc. www.edwardskelcey.com
14. Dewberry www.dewberry.com
15. ARCADIS www.arcadis.us.com

#3



Top Mass-Transit Design Firms

1. HNTB Corp. www.hntb.com
2. Parsons Brinckerhoff Inc. www.pbworld.com
3. URS (Washington Group International) www.urgroup.com
4. HDR www.hdrinc.com

12. Gannett Fleming www.gannettfleming.com
13. David Evans and Associates www.deainc.com
14. Fluor Corp. www.fluor.com
15. Volkert & Associates Inc. www.volkert.com
16. ARCADIS www.arcadis.us.com

#2



Top Design-Build Design Firms

1. URS (Washington Group International) www.urgroup.com
2. Jacobs (Carter & Burgess Inc.) www.jacobs.com
3. Edwards and Kelcey Inc. www.edwardskelcey.com
4. HNTB Corp. www.hntb.com
5. Parsons Brinckerhoff Inc. www.pbworld.com
6. Bechtel www.bechtel.com
7. CH2M Hill Cos. Ltd. www.ch2m.com

16. ARCADIS www.arcadis.us.com
17. FIGG Engineering Group www.figglebridge.com
18. KCI Technologies Inc. www.kci.com
19. David Evans and Associates www.deainc.com
20. Gannett Fleming www.gannettfleming.com
21. Greenhorne & O’Mara www.gao.com
22. Harris & Associates www.harris22x.com
23. MACTEC Inc. www.mactec.com
24. Welt & Rich www.welt-rich.com

#4



Top Airport Design Firms

1. Parsons Brinckerhoff Inc. www.pbworld.com
2. HNTB Corp. www.hntb.com
3. URS (Washington Group International) www.urgroup.com

13. American Engineers Inc. www.aei.cc
14. Bucher, Willis & Ratliff www.bwrcorp.com
15. Burns & McDonnell www.burnsmcd.com
16. T.Y. Lin International www.tylin.com

#1

27

PARSONS
BRINCKERHOFF
125 YEARS

Market Environment



- **U.S. Transportation - (40% of Revenue)**
 - Broad political support for transportation spending
 - Federal transportation bill
 - Last Bill expired in Sept 2009
 - Continued short-term authorizations
 - Next bill expected to increase funding
 - Stimulus bill failed to produce new projects

Market Environment



- **U.S. Transportation (Cont'd)**
 - **State budget deficits impacting traditional projects**
 - **Increased focus on Design – Build**
 - **Increased focus on PPPs**
 - **Los Angeles, CA/Seattle, WA/and other local tax funding for transportation**
 - **New \$50 Bn Transportation Infrastructure Stimulus**
 - **Obama Administration focus on High Speed Rail**

Market Environment



- **U.S. Power & Energy - (4% of Revenue)**
 - Economic slowdown results in decreased power demand and new generation projects
 - Transmission remains strong
 - Underground storage market rebounding
- **U.S. Federal - (1% of Revenue)**
 - Overall budget growth will remain consistent
 - Non-war-related DoD and security-related appropriations expected to grow at a slower pace
 - Increased focus on green design, sustainability and alternative energies

Market Environment



- Canadian Infrastructure
 - Canadian economy remains strong
 - Building and rail transit markets are robust
 - \$60-100 Bn infrastructure investment to be announced by Infrastructure Ontario in December 2010

Market Environment



- **Asia/Australia Pacific**
 - **Australia market remains strong - (15% of Revenue)**
 - **Transport stimulus funding**
 - **Mining strong due to Asian demand**
 - **Power strong due to demand growth**
 - **Asian markets improving - (6% of Revenue)**
 - **Fastest economies to recover**
 - **Development Bank funding below peak levels, but recovering**
 - **Property Market recovering with strong growth in Health and Education**

Market Environment



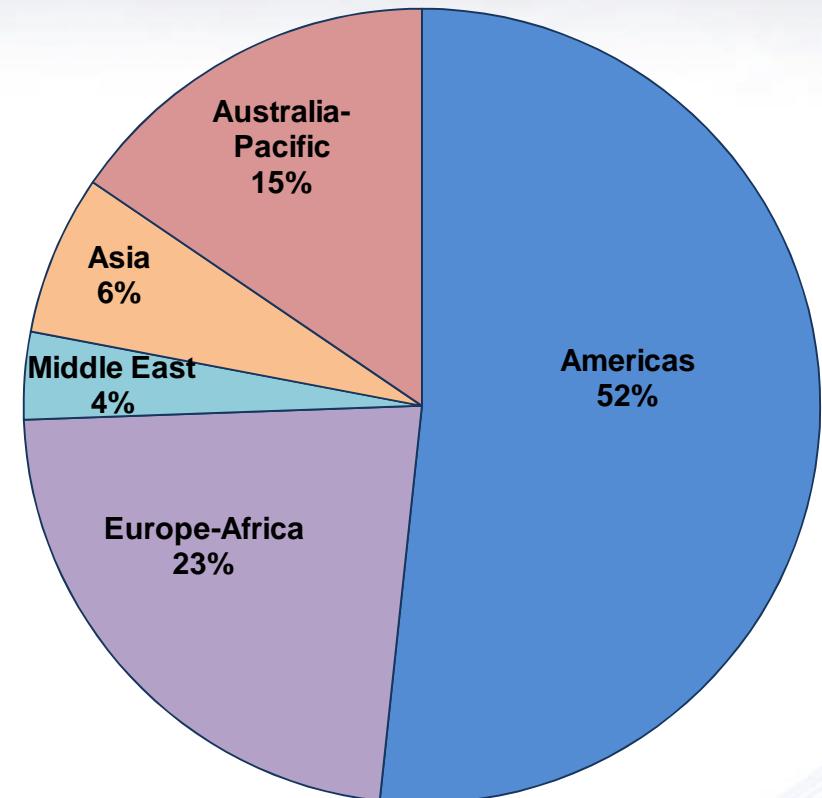
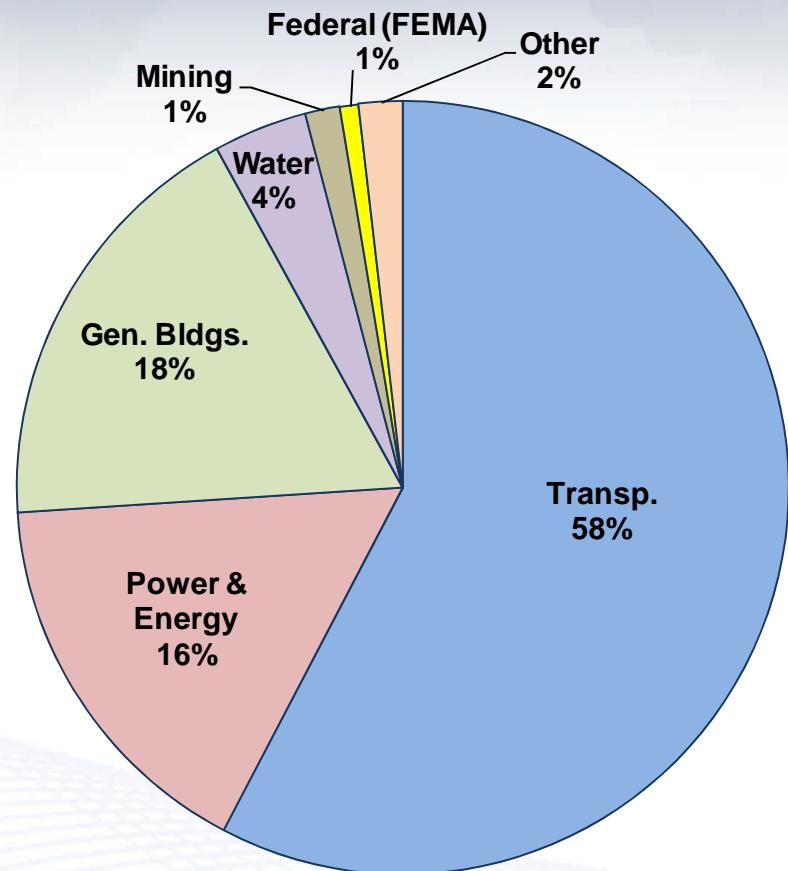
- Europe/Middle East/Africa – (27% of Revenue)
 - Public spending in UK being reduced
 - Power spending in UK supported by commitment to Carbon Agenda
 - UK transmission upgrades ongoing
 - Major UK rail programs expected to continue
 - Dubai not expected to recover in near term
 - Saudi Arabia and Qatar providing opportunities
 - Northern Europe countries have strong economies and growth anticipated in rail and power (Germany, Scandinavia, Netherlands)
 - South Africa mining market strengthening

Outline



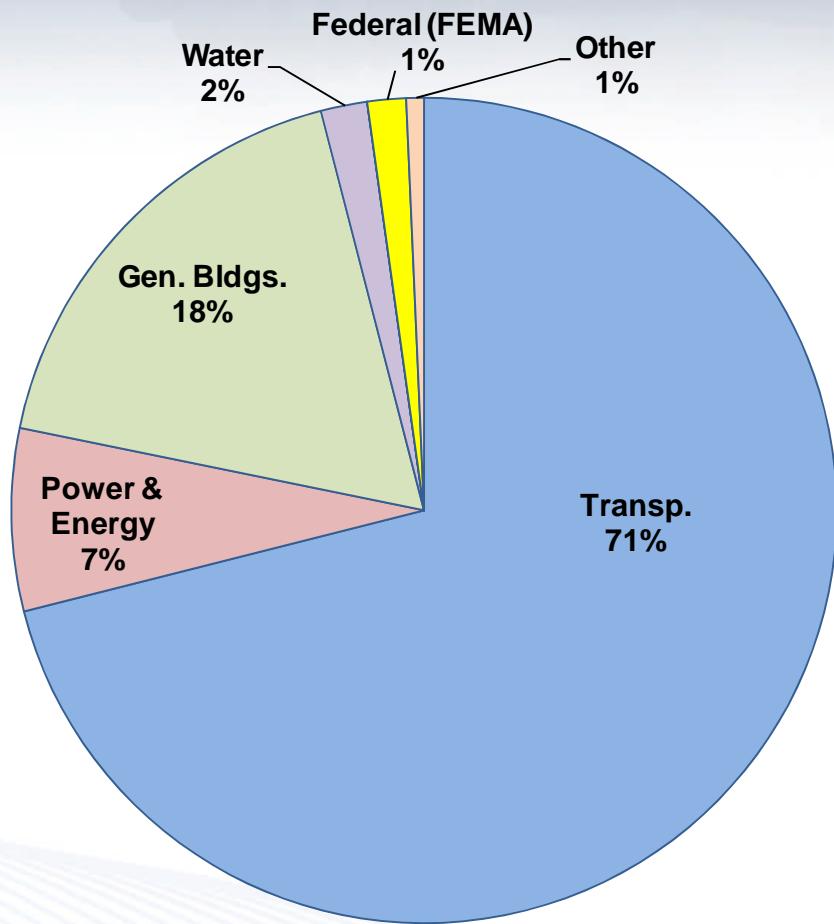
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H1 2010 Global Gross Revenue Distribution*



* Includes BBM and Heery

H1 2010 Gross Revenue Distribution Americas*



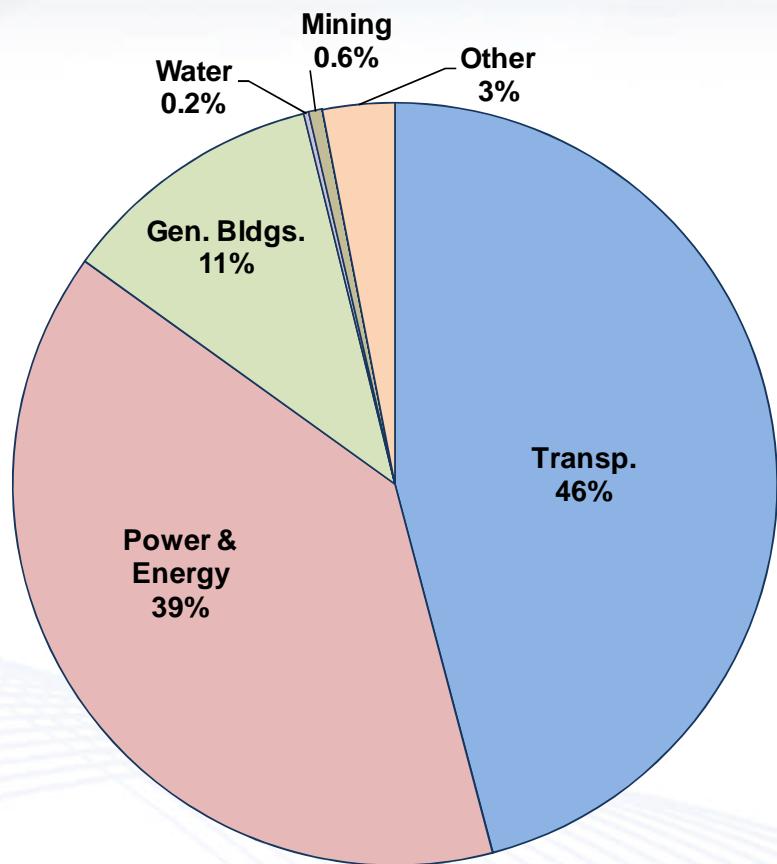
* Includes Heery

H1 2010 Gross Revenue Distribution

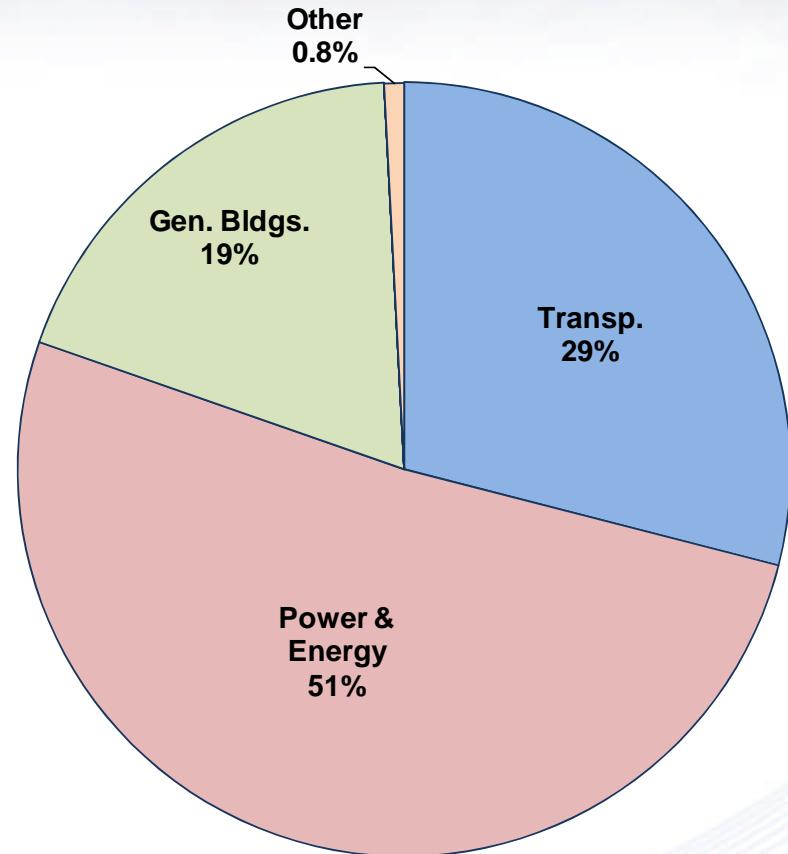
Europe/Africa & Middle East



Europe/Africa*



Middle East



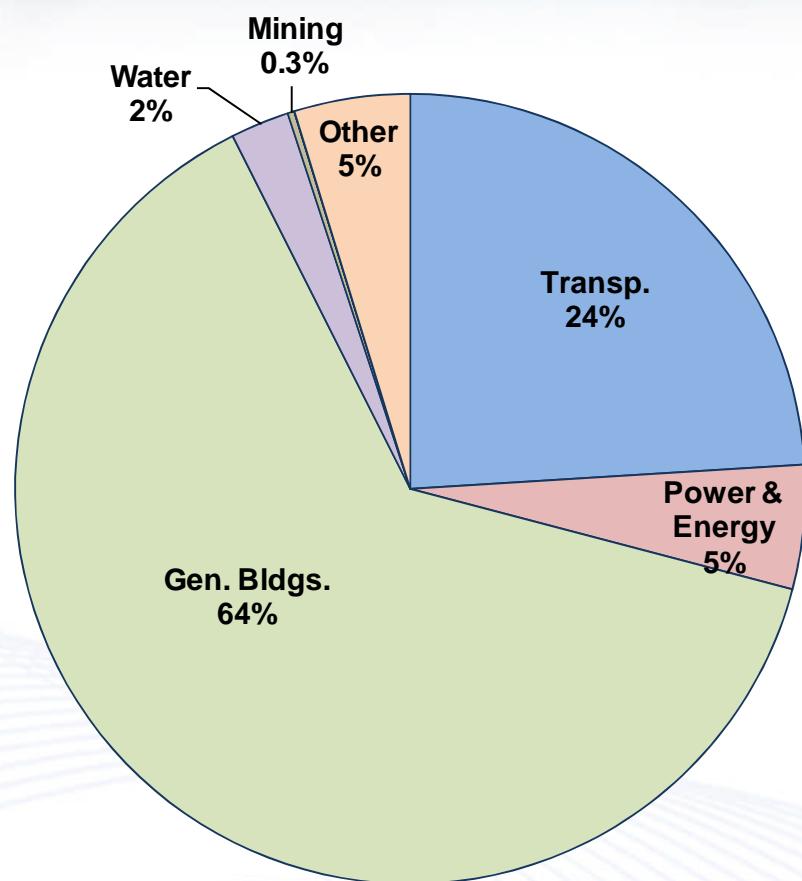
* Includes BBM

H1 2010 Gross Revenue Distribution

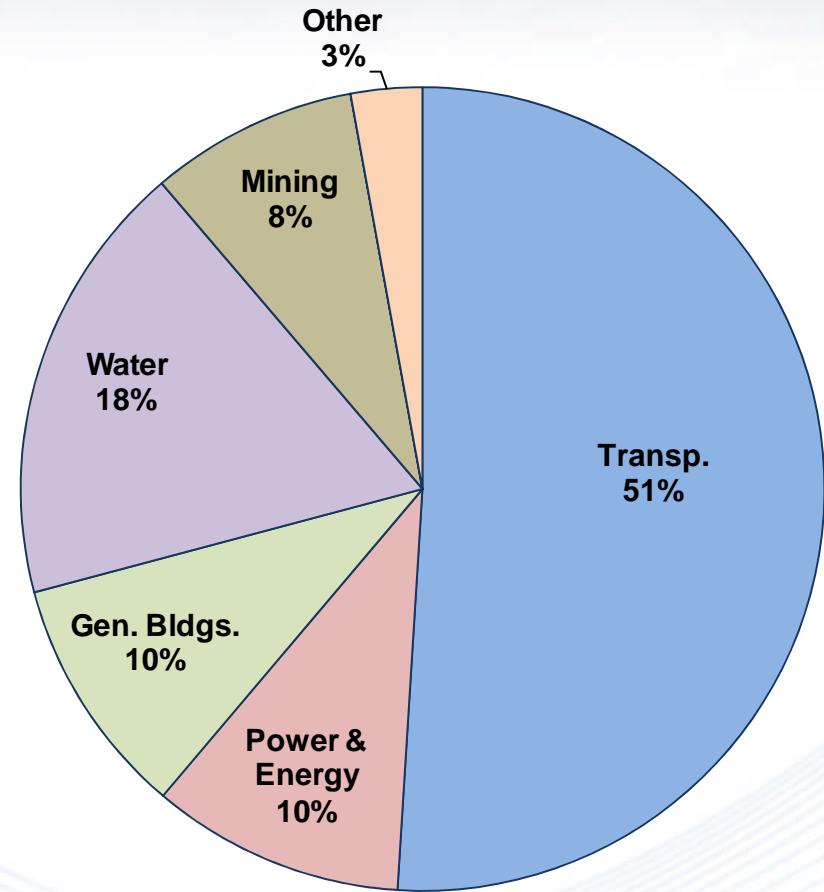
Asia & Australia



Asia



Australia/Pacific



Key Performance Indicators



Parsons Brinckerhoff Inc
(excludes Heery/BBM)

Half Year 2010	
Gross Revenue (\$bn)	1.1
Net Revenue (\$bn)	0.74
Billability	59%
Overhead Rate	155%
Multiplier	2.76
Billable Base (\$m)	\$270
Operating Profit (\$m)	\$53

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Professional Services Strategy



- **Geographic Growth**
 - Canada
 - India
 - Northern Europe
- **Market Growth**
 - Building Engineering
 - Water
 - Mining
 - Transportation Infill

Professional Services Strategy



- **Increased Profitability**
 - Focus on high margin services and projects
 - Program/Construction Management
 - Design - Build
 - Public Private Partnerships
 - Focus on retaining more gross revenue
 - Less subcontracting
 - Organizational efficiencies



Thank you

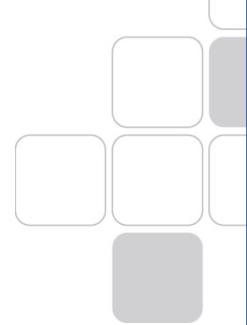
Q & A



PB in U.S. Public Transport Design

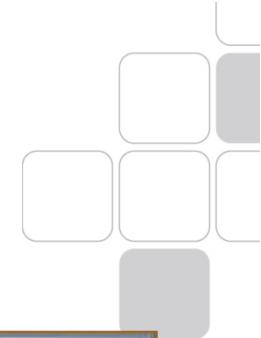
Paul Skoutelas
Americas Transit Market Leader

Agenda

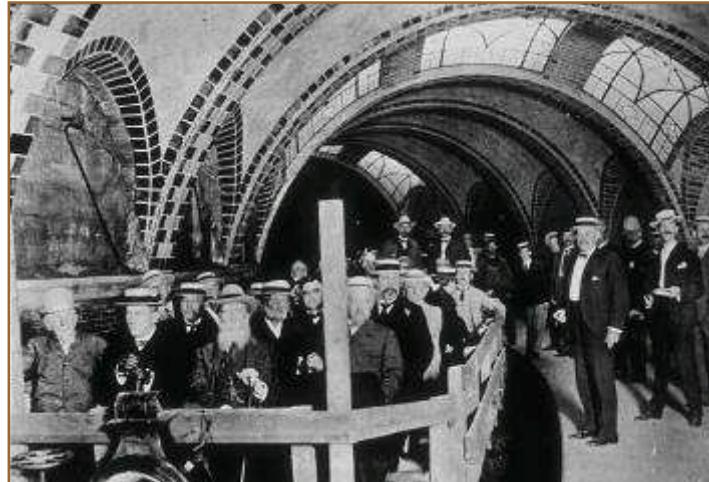


- Range of Transit Project Expertise
- Sample Projects (past and current)
- PB's transit business
 - Our market in the Americas
 - Notable trends (local referenda, others)
- Our goals

PB's Pioneering Transit Projects



*Original
New York
City
Subway*

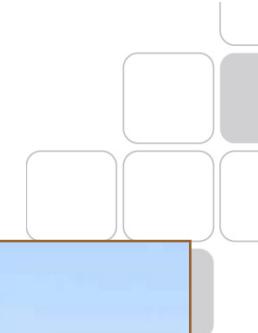


*San Francisco
BART*



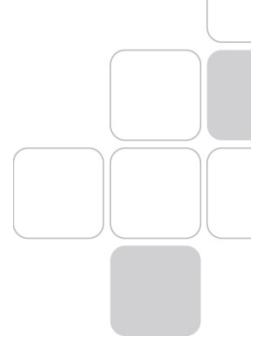
*Atlanta's
MARTA*

PB's Broad Transit Capabilities



- **Design and/or management, all transit modes**
 - Bus and BRT, even car and van pool services
 - Heavy rail, light rail and streetcars
 - Commuter rail
 - High-speed and intercity rail
- **Specialists in all technical disciplines**

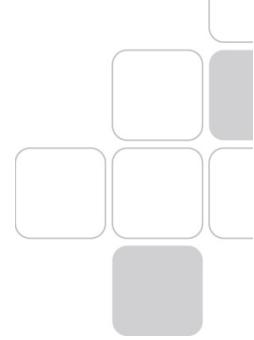




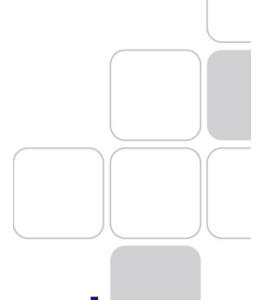
Services from planning to start-up

- Strategic planning and regulatory advice
- Master plans/transit oriented development
- Travel demand modeling
- Simulations/visualizations
- Financial plans, capital and O/M costing
- Environmental analysis/documentation
- Public/agency involvement
- Program management
- DSDC and Construction management
- Testing and Commissioning

PB Transit Technical Expertise

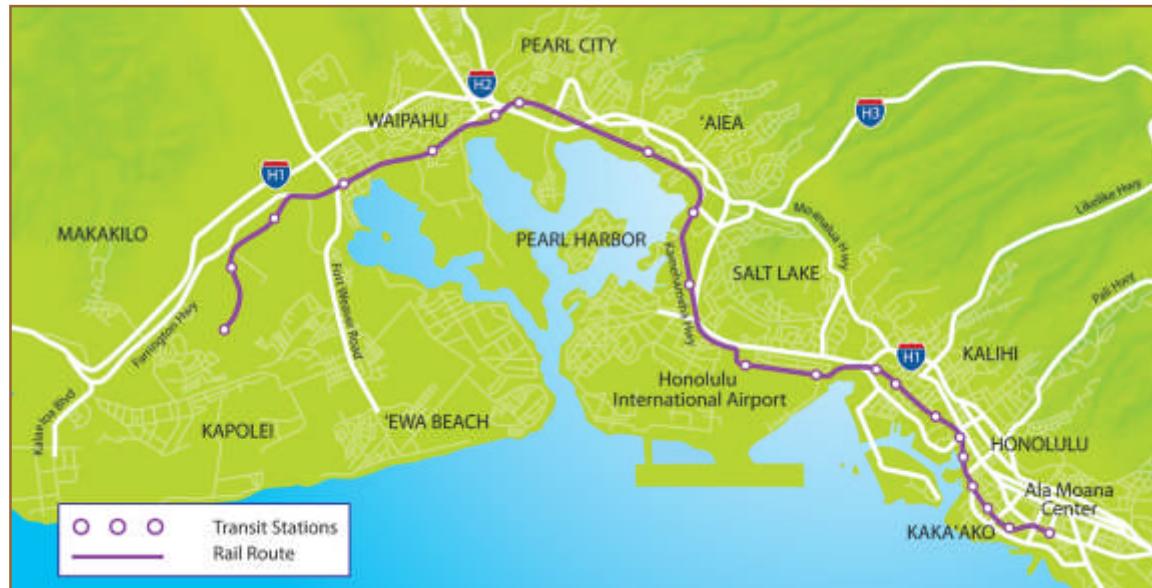


- Track design (all rail modes) and BRT running way design
- Catenary & electric traction power distribution
- Signal & train control and bus location systems
- Fare collection and vending
- Bus and rail maintenance facilities design and management
- Rail vehicles and buses
 - Specifications
 - Procurement
 - QA inspections and audits
 - Testing and commissioning
- Rail and bus operations planning and simulations
- Safety and security

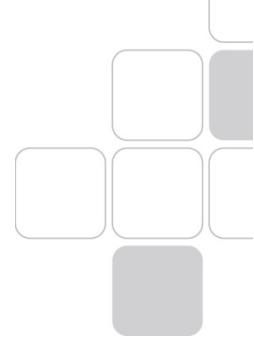


PB's Corridor-Planning Experience

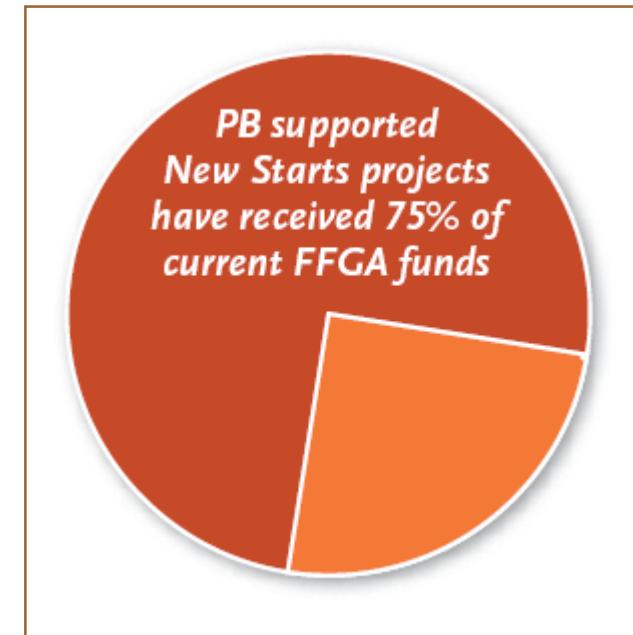
- 100+ corridor studies in past ten years, all premium transit modes
- PB has driven more than 30 LRT projects from planning to revenue service
- PB involved in 79% of New/Small Starts awards in 2010 report
- These projects received nearly \$5 billion from FTA to date

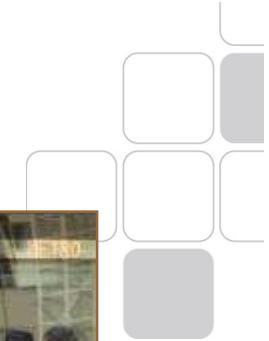


Regulatory Agency Coordination



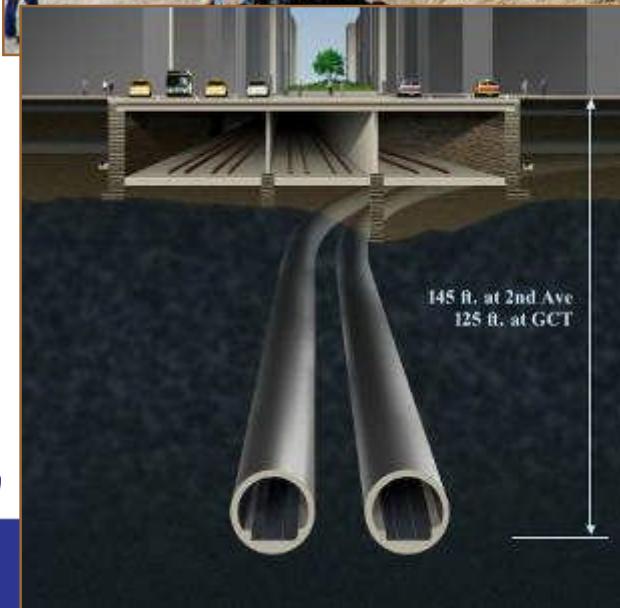
- Extensive coordination with local governments, state DOTs, and FTA for project scoping, reviews, and approvals
- Developed FTA Alternatives Analysis course – the “how to” for premium transit corridor planning
- Worked with US National Transit Institute on Alternatives Analysis courses
- 79% of FY10 New Starts earmarks, or \$1.4 billion, went to projects where PB had played a significant role





Selected PB Projects

East Side Access, New York City



- PB is prime consultant for the GEC team
- \$7 Billion transit project
- Extending LIRR service to Grand Central Station

Salt Lake City Program Management, Utah

20 miles of LRT, 45 mi of Commuter Rail and
three BRT projects

- PB's services:
 - Corridor planning
 - Preliminary design
 - Design/build owner's rep
 - Procurement support
 - O&M support
 - Start-up, commissioning, testing
 - Program management (ongoing)



Salt Lake City LRT, Utah

“PB provides qualified and experienced full-time staff to the UTA team, and brings the appropriate technical support from other offices as needed to serve the program. The PB/UTA management team operates as one integrated team. This partnership has proven a very successful model for our community.”



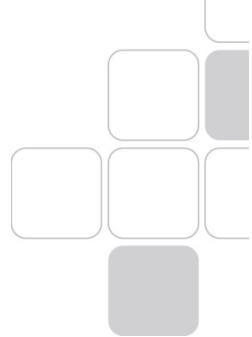
— Mike Allegra, Assistant General Manager/Chief, Utah Transit Authority

Central Phoenix/East Valley LRT, Arizona

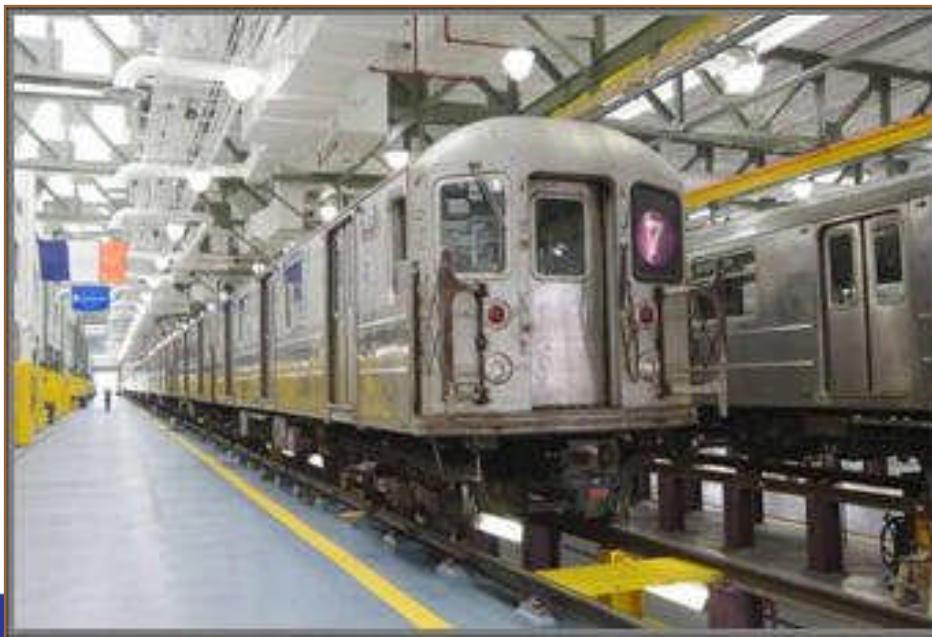


- **PB's GEC services:**
 - Planning and EIS
 - Overall facility design management
 - Trackwork and systems design
 - At-grade traffic signal design
 - Cost estimating
 - Yard and shop design
 - Vehicle design and procurement
 - Traction power electrification
 - Station architecture design
- **New 20 mile at grade system opened Dec 2008**

Corona Maintenance Shop and Car Washer, New York

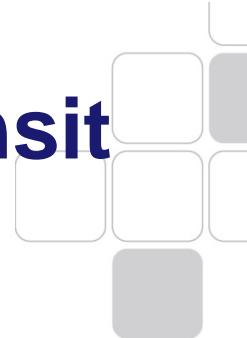


- **PB-designed facility**
 - Supports 412-car fleet; store and service up to 55 cars
 - Total work area: 132,000 sq ft



- ❖ First LEED-certified project for the MTA
- ❖ Honorable Mention, Green Bldg Design Competition, 2004
- ❖ Design-Build Excellence Award, 2008

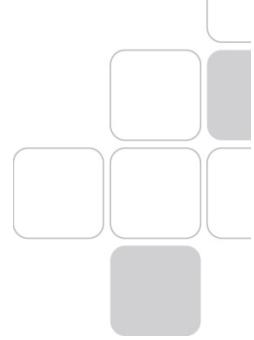
Key Short Term Trends Affecting Transit



- **Federal funding scarcity**
 - Continued record funding, but
 - Federal trust funds running out of money
 - Federal stimulus programs are oversubscribed
- **Increased interest in value capture/innovative financing**
- **Local/state referenda continue to pass at 70%+ success rates (\$60 billion in new money)**
- **Clients seeking to reduce capital, O&M costs**
- **Growing interest in alternative delivery mechanisms (DB, DBOM, PPP)**

Key Longer-Term Trends Affecting Transit

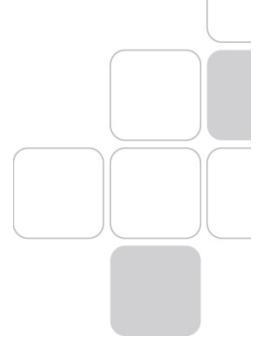
- Congestion growing: 100 million new people in U.S. in next 30 years, mostly in cities
- Aging of population – less driving, more dependence on public transport
- Sustainability (e.g., energy prices, climate change) continue to be growing concerns
- Fiscal sustainability of U.S. transit's business model:
 - Growing interest in alternative O&M models
 - Growing interest in alternative delivery mechanisms (DB, DBOM, PPP)



U.S. Public Transit – Looking Ahead

Key growth markets:

- Alternative project delivery and financing
- Commuter Rail
- Small starts: BRT/Streetcars
- Urban development/Placemaking
- Program management
- ITS/Systems integration/simulations
- Modeling/visualizations
- Transit Security
- Intermodal facilities—tying urban transit to high-speed rail



PB's Future Transit Goals

- **Focused on cities' needs and their aspirations:**
 - Innovative funding and project delivery
 - Sustainability, economic development
 - Trusted advisor in complex times
- **Retain leadership in traditional markets & geographies**
 - New starts, commuter rail
 - Large cities, Northeast
- **Become a substantial player in emerging market segments**
 - Sunbelt cities
 - Fast growing medium-size communities
 - Small starts (BRT, streetcars, DMUs)



Federal Emergency Management Agency (FEMA)

Housing Inspection Services Contract

**Greg Reynolds
Project Manager**

PB's FEMA Housing Inspection Services Contract History

- One of two national contractors
- First contract awarded in August 1995
- Events are declared throughout the U.S., its territories and protectorates
- Contract contains readiness and inspection services components
- Contract is performance based



FEMA HIS (Housing Inspection Services)

Scope of Services

- Provide qualified housing inspectors to assess residential and personal property damages
- Produce and sustain up to 20,000 quality inspections per day within 14 days of activation
- Provide qualified staff for special projects and technical assistance



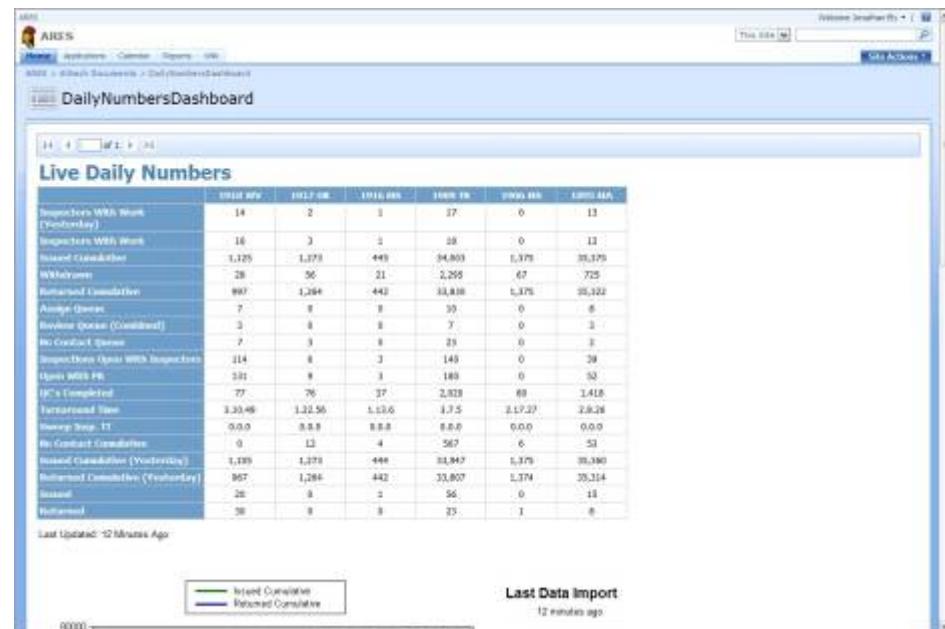
How Do We Meet These Goals?

- Maintain a trained staff of independent contractor inspectors, field operations managers and computer operations personnel
 - 7,900+ security adjudicated active inspectors
 - 76 project staff
 - 7 field operations managers
 - 42 computer operations personnel
- Maintain 6,000+ government-furnished computers and laptops and accessories



How Do We Meet These Goals?

- Developed the Alltech record entry system (ARES©)
- Proprietary system designed to track project activities
 - Readiness and preparedness
 - Deployment activities
 - Computers and accessories
 - E-learning and workshop activities
 - Invoicing
 - Inspection production
 - Inspection quality
 - Digital photographs tied to specific inspection/application



Technology is Key to Meeting Performance Goals

- Inspectors use state-of-the-art, pen-based handheld computers to collect inspection data
- Damage assessments and digital photographs transmitted directly from handheld computers via wireless air card to PB's processing center

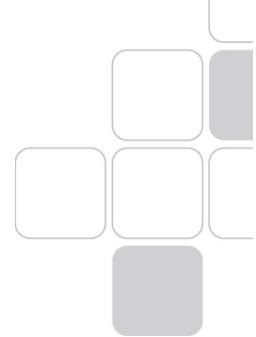


Inspector Preparedness Important to Quality Performance

- E-learning platform provides an introduction, explanation and access to FEMA specifications for completing disaster housing inspections
- Mobile inspection lab workshops provide real-life inspection preparation
- Virtual inspections provide practice opportunities online
- Webinars reduce classroom dependency



Innovative Programs Assist Team in Quality Operations



- Automated Inspection Assignment©
 - Dynamic scalable solution
 - First-in/first-out, 24/7, simultaneous auto-assignment of inspections across multiple disasters
- QC QuickCheck© and ECheck©
 - Automated edit check programs
 - Runs over 900 queries against all inspection data elements
 - Inspectors correct inspections based on query results
- Pegasus©
 - Text messaging, software maintenance, photo communication and storage system
 - Provides link to mapping program

Inspector Recruiting and Sustainability

Critical



- Constantly recruiting new inspectors to maintain a cadre willing to deploy at any time
 - Security requirements
 - Opportunities and ability to deploy
- Encourage online inspector enrollment through our website
- Provide regional practice workshops for new and experienced inspectors
- Field operations managers in communication with inspectors
- Communicate PB news, deployment activities and updates electronically and through www.pbdisasterservices.com



What's New

Become an Inspector

Declarations

Preparedness

Resource Center

F.A.Q.

Last Updated: July 01, 2010

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[View All](#)

Addendum to the IHP doc

An addendum to the IHP guidelines has been posted to your inspector website.

[Read More >>](#)



  01 02 03 04 05 06 07 08 09 10   

Inspector Poll

Inspecting minds want to know.....

From the choices below, on what subject would you like more information in the format of a webinar

- Inspecting Mobile Homes/Travel Trailers
- Recording Road and Bridge Damages
- The Flood Inspection
- Completing and Submitting Paperwork

[Submit](#)

[View Results](#)

Active Declarations

[Select Region](#) 

Select states/territories with active declarations (in green on the map below) or by selecting from the above dropdown menu.



Inspector Webpage

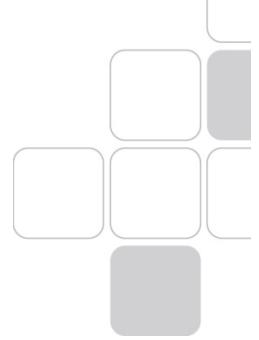
The site has been improved, and there are many new tools being added in the coming weeks, so we invite you to log in periodically to check out the new features. If you have any questions about the new Inspector Webpage, please call us at 1-800-411-1177.

[Login](#)

Become an Inspector

Want to be part of creating a better tomorrow and do something rewarding? View the links below for information on what is involved in becoming an inspector and see if you qualify.

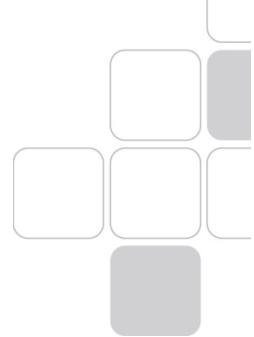
- [Process for Becoming an Inspector](#)
- [New Inspector Registration](#)
- [Registration FAQs](#)
- [Inspector Introductory Video](#) 



PB Supports FEMA Special Projects

- FEMA Registration Intake
- Mobile home pre-placement interviews and site surveys
- Preliminary damage assessments
- Nationwide outreach and disaster information delivery projects
- GIS-coordinated digital photo projects
- Pre- and post-inspection of rental properties
- Sweep inspection pilot program





PB Contract Value

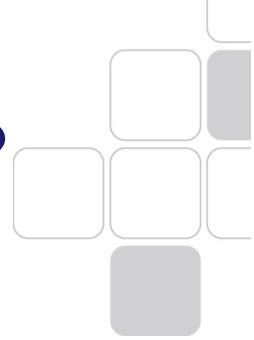
	Actual Value
Contract 1: 1995-2001	\$ 84,627,765
Contract 2: 2001-2007	\$ 262,498,892
Current Contract	\$ 91,919,995 \$104,935,270
Total	\$ 439,046,652

- \$750 million current contract cap
- Contract fees include:
 - Lump sum readiness fee
 - Per inspection fee



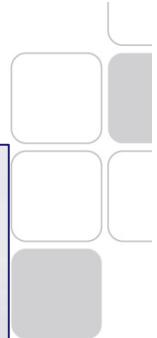
PB's FEMA Housing Inspection Services

- Completed more than **4.2** **4.3** million housing inspections
- Deployed more than **6,400** independent contractor inspectors
- Conducted inspections in **45** states, American Samoa, Commonwealth of the Northern Mariana Islands, Guam, Federated States of Micronesia, Marshall Islands, Palau, Puerto Rico and U.S. Virgin Islands,
- Responded to **257** **260** disaster task orders
 - September 11
 - Hurricanes Katrina, Rita, Wilma, Gustav and Ike
 - Super Typhoon Paka
 - Currently working in Massachusetts, Texas, Tennessee Illinois, and Wisconsin



How Do We Get “There” From “Here”?

- FEMA Industry Day held June 16
- Request for proposals expected early 2011
 - Change from two to four regionally-based contractors
 - 10,000 inspections per day per contractor
 - Aerial photography for rapid damage assessment inspections under consideration
 - Technology advancements and innovations will be key to our success



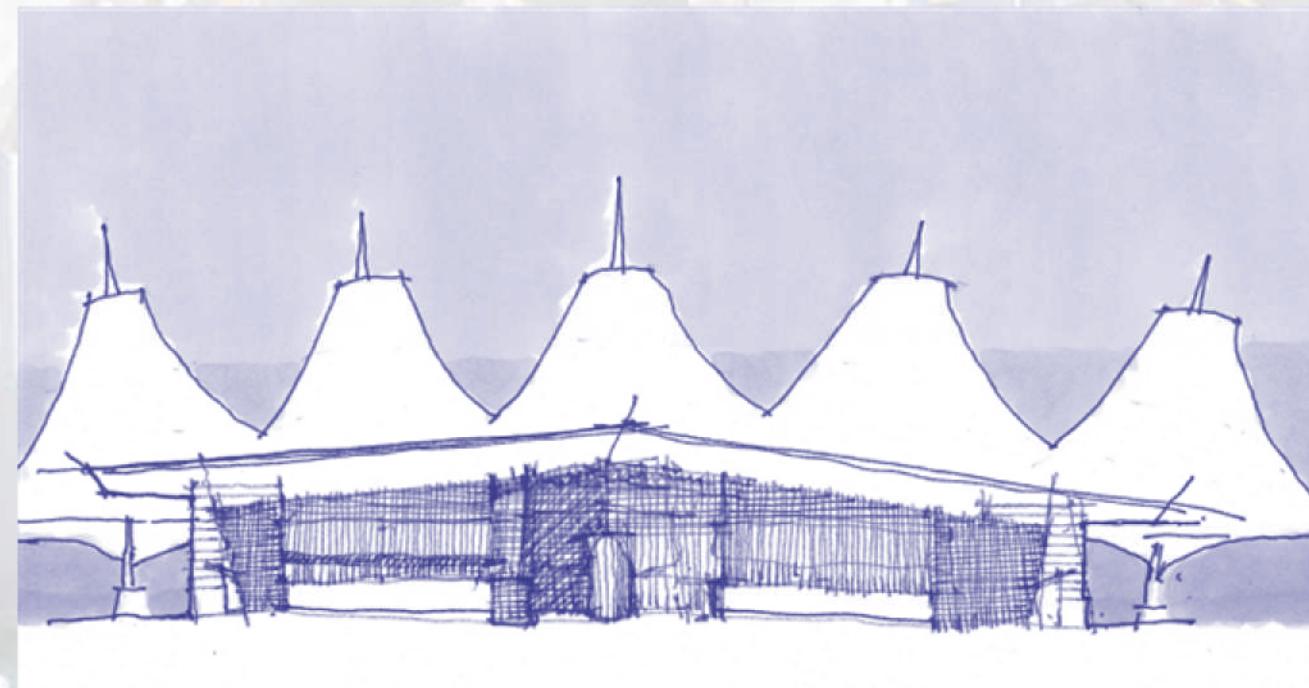
www.pbdisasterservices.com

Parsons Brinckerhoff Michigan

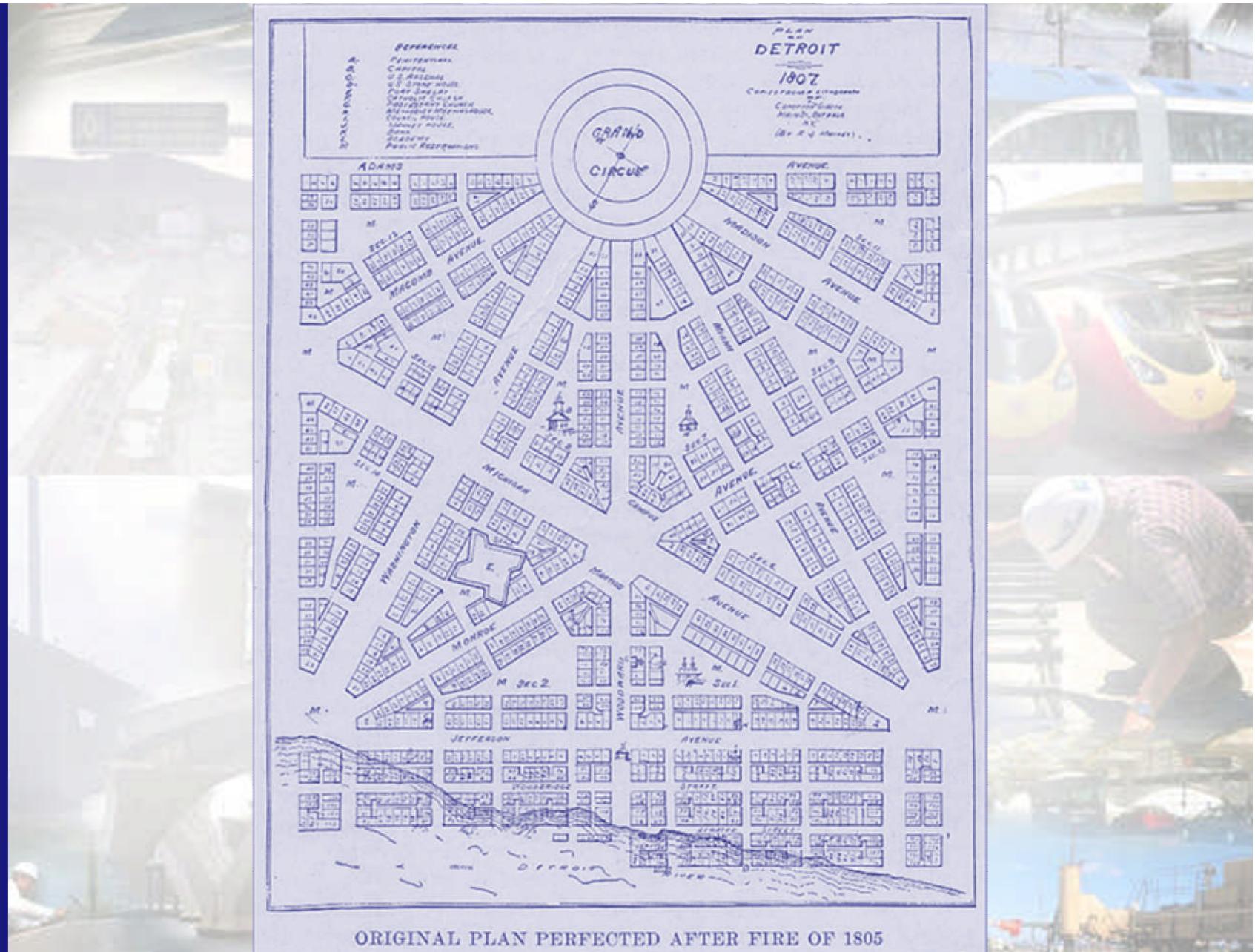
Presents

Rosa Parks Transit Center

Detroit MI



CONTEXT | DETROIT



ORIGINAL PLAN PERFECTED AFTER FIRE OF 1805

Paradigm

Public Transit In the Motor City

- GM
- Ford
- Chrysler



Dedication

Rosa Parks | 1913 - 2005

- Arrested for refusing to give up her seat on a bus in Montgomery, Alabama in 1955 .



Montgomery City Bus Lines Coach #2057 in Henry Ford Museum

Photo ID: 9876



PIONEER OF
CIVIL RIGHTS

“THE only thing that bothered me was that we waited so long to make this protest.”

- Inducted: 1995 -

Location

❑ Originally proposed:

- Large site
- Further from city core

❑ PB Site:

- Smaller and awkwardly shaped site
- Closer to city core



Our Challenge

- Facility for 15 bus bays in $\frac{1}{2}$ the space of 10 buses.
- Iconic design on public project budget
- No monetary cost to the city of Detroit



PLANNING

Existing Site Images



Planning

RPTC is a part of far larger transit master plan including:

- Maintenance improvements
- Operations refinements
- New central administrative facility
- Integrated intermodal transportation facility



Citizens in attendance at May 18, 2005 public meeting Citizens' District Council (CDC)

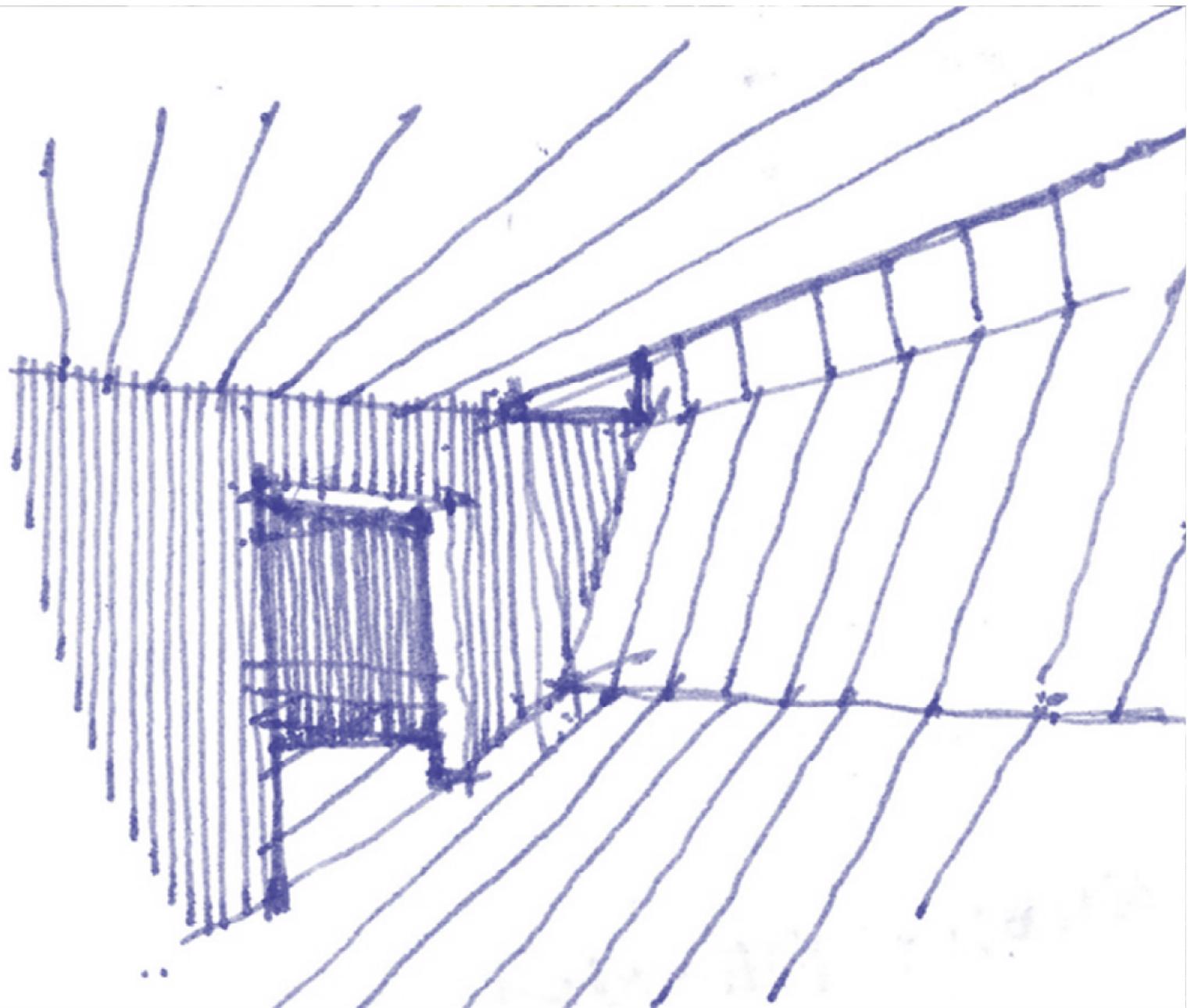


Funding

PB assisted the City with FTA and state grant requirements:

- FTA – 80%
- State of Michigan – 20%
- City of Detroit – Land only

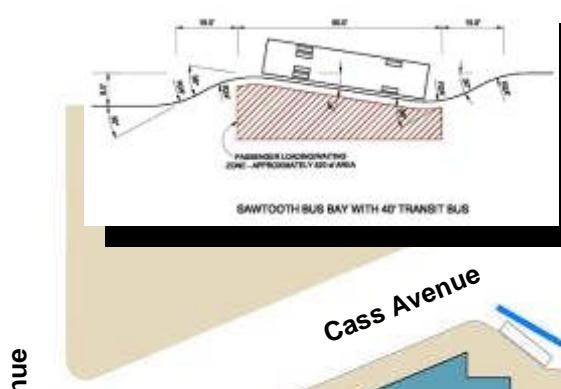
DESIGN



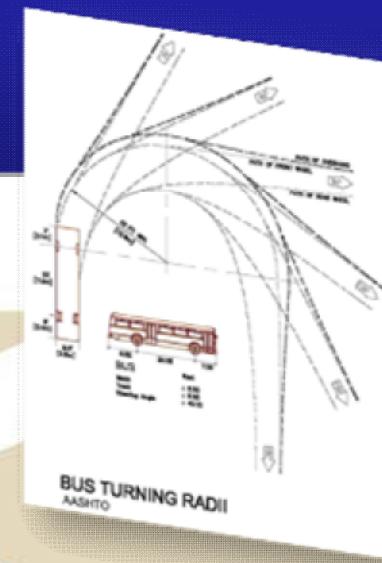
Bus Operations



Ground level schemes



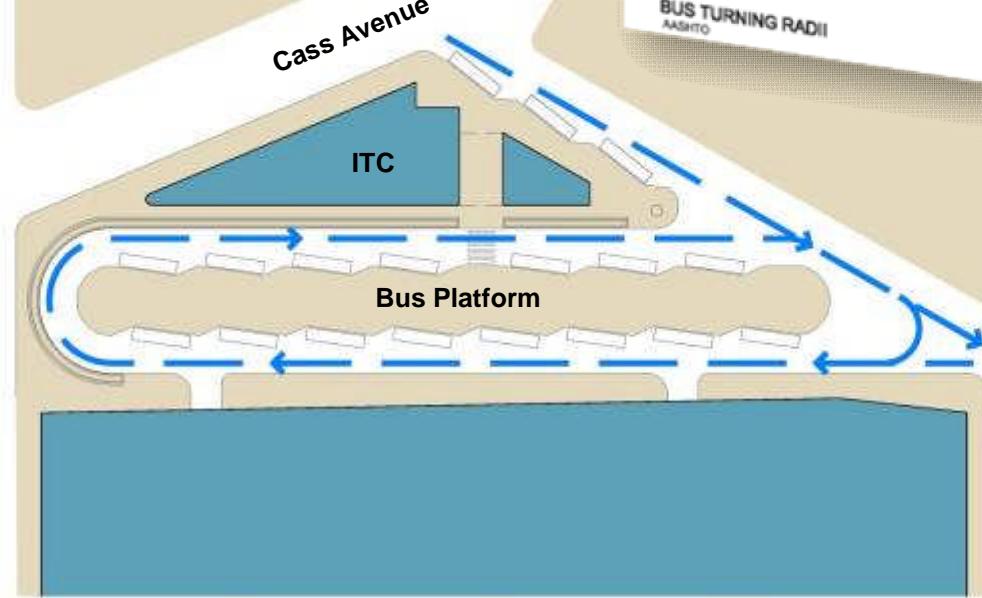
Michigan Avenue



Cass Avenue



Multi-story schemes

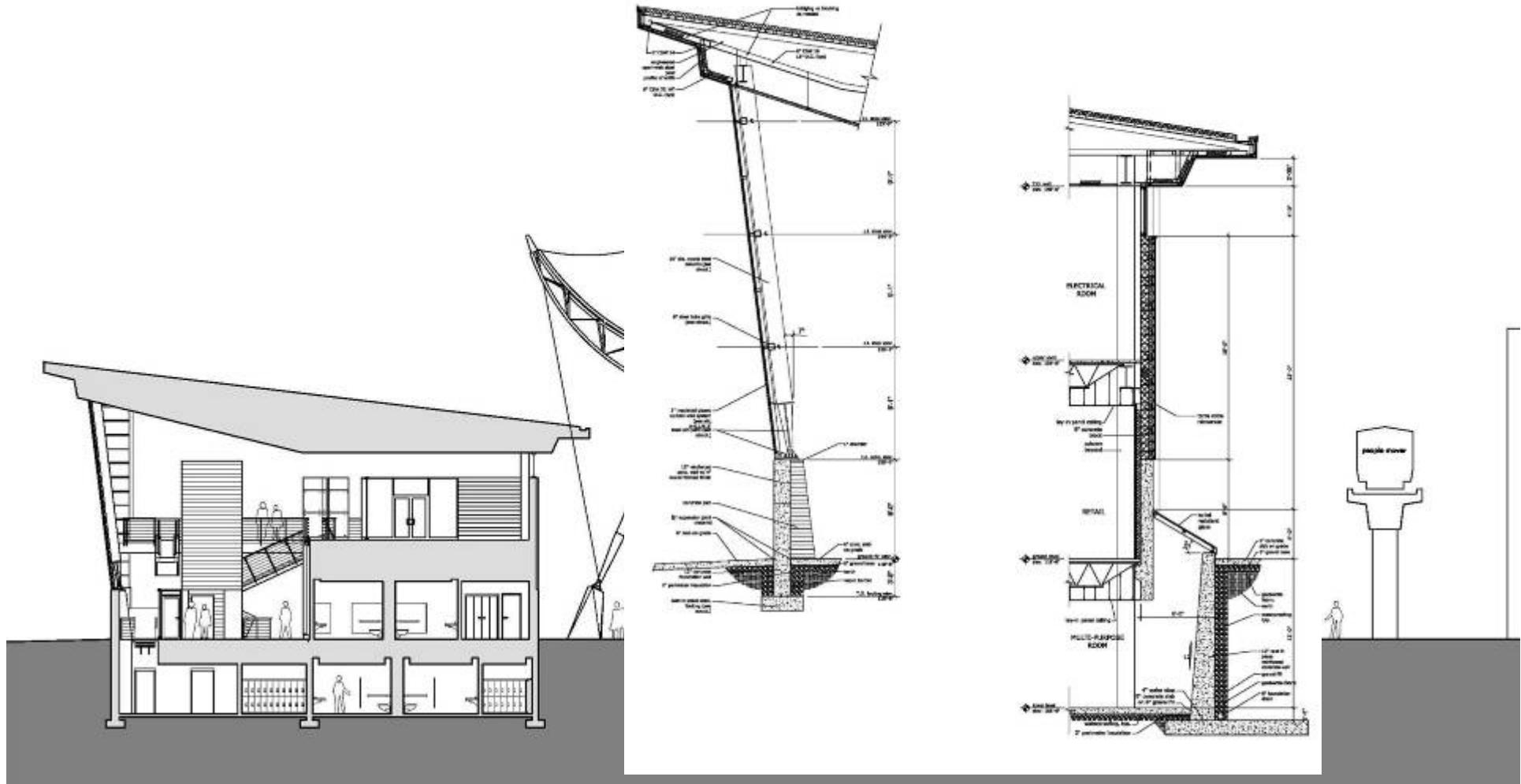


Hybrid schemes

Design | Function



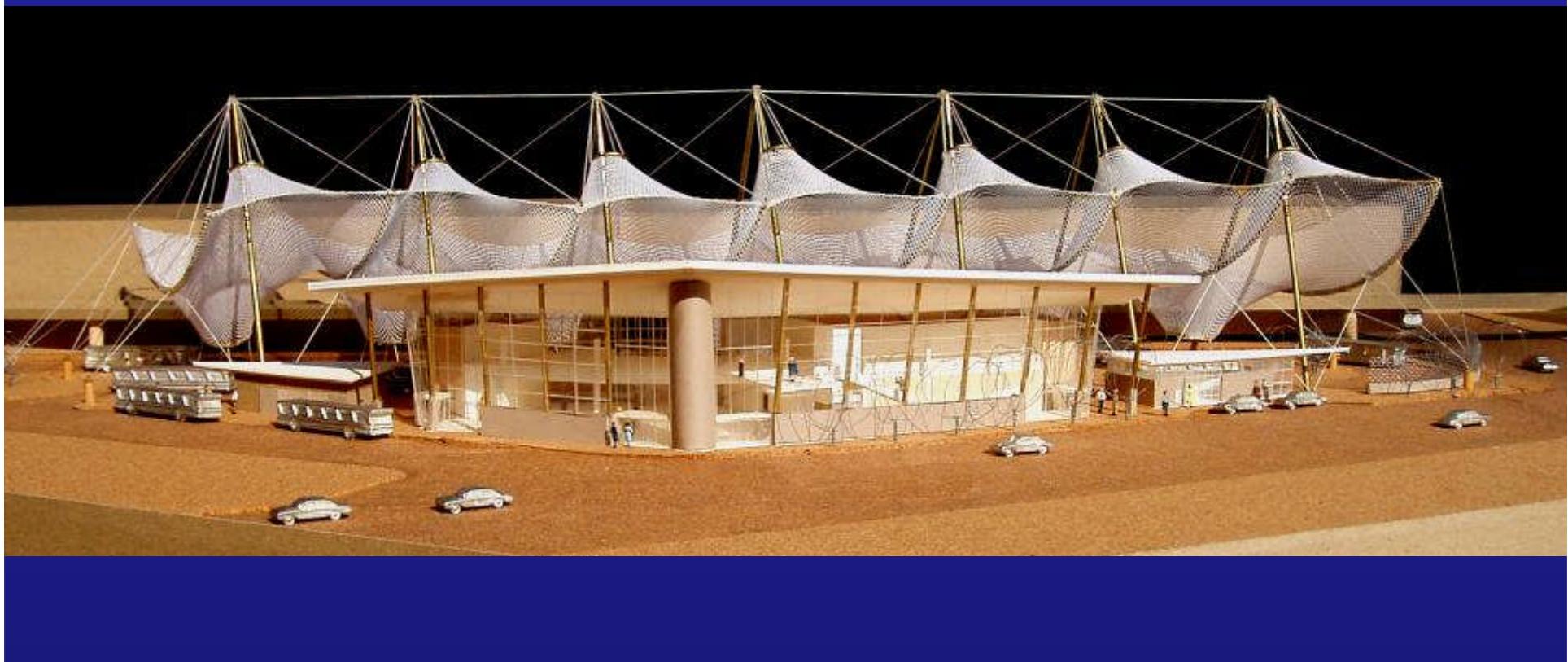
Design | Form



Design | Visualization



Design | Visualization



CONSTRUCTION



Post Design Services

Permitting:

- Agency review
- Compliance adjustment

Bidding:

- Advertisement
- Pre-bid conference
- Addendum
- Bid review

Construction

- Document tracking
- RFI response
- Submittal review
- Change order review
- Inspection
- Punch list
- Commissioning
- Close out
- As built drawings

Construction Administration



Construction Administration



Construction Administration



Completion



Completed | Exterior



Completed | Interior



Media Relations

Beyond Design & Construction:

- Public meetings
- Construction tours
- Television, print and web media engagement
- Awards submissions
- Conference presentations