Agenda – August 12, 2013

- Introductions
- Goals of Meeting
- Stadium TMP Overview
- Neighborhood Options & Opportunities
- Q&A
PB Sports & Entertainment – Sample Projects

Colorado State Univ – Hughes Stadium
Northwestern University Site Assessment
Baylor University Site Selection
Vanderbilt University – Parking Master Plan
Univ of Louisville – Papa Johns Stadium
Ohio State MP - Value City Arena
Univ of Minnesota – New Stadium

Super Bowl XL Detroit
Dallas Cowboys 2009 New Stadium
Vikings Site Selection - 2011-12
Gillette Stadium – NE Patriots
Dolphin Stadium - Super Bowl MP
Seattle Seahawks – Qwest Field
New Orleans Saints – New Stadium
Pittsburgh Steelers – Heinz Field
Cincinnati Bengals - Paul Brown Stadium
Truman Center – Chiefs and Royals
Cleveland Browns – Browns Stadium

Daytona 500 – new MP 2014
Tampa Bay Bucs – Transportation MP
USTA – US Open Tennis Tournament

Univ of Pittsburgh - Heinz Field Pitts, PA
Harvard Univ. - Allston Campus MP
Montclair St. University MP, New Jersey:
Ohio State Parking Garage Assessment
Westfield St. Field House, Westfield, MA
MIT Construction Mitigation Services

MLB – Site Selection Study 2009-10
Cincinnati Reds – Great America Ballpark
New Jersey Nets - New Arena
Cleveland Indians – Jacob’s Field
Pittsburgh Pirates – PNC Park
Seattle Mariners – Safeco Park
Oakland A’s – New Ballpark
Washington Nationals – Transportation

“Maybe the people that did all the traffic planning should help plan the offense line for this season”

– DallasNews.com

August 12, 2013
Goals of Meeting

- Overview of Baylor University’s Transportation Management Plan (TMP)

- Discuss Options and Opportunities Related to Neighborhood Impacts

- Obtain Feedback/Initial Comments on Community Concerns

*This meeting is part of a series of meetings that will be held by the City of Waco. It is expected to be a continuous forum for comments and no final decisions are expected to come out of tonight’s meeting*
What is a Transportation Management Plan (TMP)?

- Manage the Transportation System
- Minimize Traffic Congestion
- Eliminate the unwarranted “Hunt and Peck” looking for Parking
- Pre-Sell Parking - Predetermine where parking is located
- Determine Traffic Routing Maps to Parking Locations
- Parking Locations and Travel Routes to Campus
- Parking Locations and Travel Routes to Downtown Waco
- Shuttle Routes
- Bicycle Routes – Motor Bicycles
- Pedestrian Walk Paths
- Locations for Police at Intersections for Traffic Movement
- Locations for Police at Crossings for Pedestrian Safety
- Emergency Response Routes
- Retime the Traffic Signals
- Local Street Improvements
- Interstate Highway Improvements
What are the Benefits of a Successful TMP?

- Protect Neighborhoods from Negative Impacts
- Provide Emergency Response
- Minimize Traffic Congestion
- Manage Parking
- Improve Travel Experience of Fans
- Provides Opportunities for Economic Development
What is the Process?

Collaboration

- City of Waco
- Adjoining Neighborhoods
- TxDOT
- Waco Metropolitan Planning Org.
- Downtown Development Corp. (DDC)
- Private Businesses – Economic Development
- Baylor University
Local Context

- Baylor University
- Downtown Waco
- Olive Heights
Many Options for Arrival!

- Drive
- Walk
  - Campus
  - Downtown
  - Hotels
- Bike
- Shuttle Bus
  - Downtown
  - Campus
- Charter Bus
- Potential for Water Shuttles/Taxis
Baylor Stadium Parking Demand

- New Stadium Capacity - 45,000 Seats
- Estimated Modal Split
  - Student Attendees 7,000 (80% Walk, 20% Drive) = 5,600 Walk
  - Transit Shuttles = 2,000 Riders
- Vehicular Demand - 37,400 Patrons
- Vehicle Occupancy - 3.2 Persons/Vehicle
- Parking Demand - 11,700 Vehicles

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Potential Event Parking

- Including Campus and City Public and Private Parking
  - On-Campus = 11,000
  - City of Waco = 12,085*
  - Stadium Site = 2,668
  - N of MLK unknown
  - TOTAL = 25,753

- *2008 Waco Downtown Parking Study (Public and Private)
Parking Supply Vs Demand?

- Potential Supply = 25,753 Spaces
- Parking Demand = 11,700 Vehicles

Parking Supply Exceeds Demand
- Next Steps is Study on Availability
Campus & Downtown Parking
Potential Event Parking?

- Potential Campus and City Patron Parking in 25-Minute Walk
  - 9,523 - Campus
  - 2,668 - On-Site
  - 1,059 - Downtown (Public)
  - ? - Downtown (Private)
  - ? - N of MLK
  - **13,250 TOTAL**

- Supply Still Exceeds Demand!
Baylor Stadium Site Plan

2668 Spaces on Site

Driveway

Entrances to Pre-Sold Parking

Pedestrian Bridge

Grass Parking

Baylor Basin

Grass Tailgate

RV Parking

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Campus Parking Supply

- 11,000 Total Parking Spaces on Campus
  - Students
  - Faculty
  - Visitor
  - Disabled
  - Dean
  - Maintenance
  - Dining

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Campus Gameday Parking

- Law School
- Ferrell Center
- Robinson Tower
- Dutton Garage
- Speight Garage

Assume 90% of Lot Capacity Available for Gameday

Total for Game
- **7,290**
  On Campus Parking Spaces

PB Sports & Entertainment

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Limit Campus Access

Close off Campus at 14 Locations

- Access Control at Key Locations to Allow Entry to Gameday Permitted Faculty & Staff

- Control All Locations with Police and/or ROTC & moveable barricades

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Reversible Lanes and Other Restrictions

- Limited Access onto Campus for Permitted Vehicles and Shuttles
- MLK Reversible Lanes
Campus Shuttles-Ingress

- 2 Point-To-Point Routes on Campus
  1) Ferrell Center
  2) Speight Garage

3rd St. Access to Existing Stop on Speight Ave

U-Turn with On-Street Pick-Up for Ferrell Center

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Campus Shuttles - Egress

- Single Loop with Drop-Off at Ferrell Center and Speight Garage
Bicycle & Motorized Scooter Parking

- No Motorized Scooters or Bicycles allowed on Pedestrian Bridge
Arrival Pedestrian Flow

- From Campus
- From City

Recommendations to Improve Pedestrian Flows:
- Extend Riverwalk on North Side of River (State Grant Approved)
Downtown Parking Supply & Demand

- Downtown Demand
  - Total Demand: 11,700
  - On-Site: 2,668
  - On-Campus: 7,290
  - Remaining Demand: approx. 1,742 Spaces

- 2008 Waco Downtown Parking Supply
  - Public City: 5,650 (On & Off Street)
  - Other Public: ? (Other Public Agencies)
  - Private Parking: ? (Hotels & Businesses)
  **TOTAL**: 12,085
Downtown Hotels

- Courtyard Marriott
- Hilton
- Residence Inn
- Hotel Indigo
- America’s Best
- Clarion Inn
- La Quinta
- Victorian Inn
- Scottish Inn

Approx. 850 Spaces
Downtown Public Parking

- Public Lots
  Approx 1,059 Identified in Downtown within 25 Minute Walk

- On-Street Parking (?)

- Private Lots

Downtown Lots- 1059 Spaces
Downtown On-Street Spaces (?)
Private Parking (?)

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Downtown Shuttle(s)

Program Postgame Events at Stadium/Riverfront to Spread Out Arrival at Shuttle

Univ. Parks Drive Shuttle Route

Heritage Sq. Pick-Up & Drop-Off

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Event Staff Parking

- 500 Event Staff Spaces
Emergency Vehicle Access

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Event Routing
Due to I-35
Construction
Under Study
Where are Patrons Coming From?

- Heavy Concentration of Ticket Sales in Waco, Dallas, Austin
- I-35 and Hwy 6 are Primary Access Routes
Regional Distribution (2011)

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Regional Access

- I-35: 6 Interchanges
- Hwy 77: 3 Interchanges
- Loop 340: 2 Interchanges
- **TOTAL - 11 Interchange Options**

Year 1 under review due to construction.
Arrival & Departure Traffic Model

- Update Based on Ticket Sales - Estimates on Numbers/Locations from Athletics

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Arrival Traffic Volumes

- Evaluate Traffic Volumes and Identify Routes that are Over Capacity
- Retime Traffic Signals
- Identify Locations for Police, Traffic and Pedestrian Control

PB Sports & Entertainment
August 12, 2013
Wayfinding Signage
Arrival VMS Signage

- 13 Arrival Sign Locations
- Ongoing Coordination with TxDOT on Sign Location and Messages

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Arrival Gameday Parking Signage

- 13 Arrival Sign Locations
- Sign Design and Messages Ongoing

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Parking Signage

Sample Signage Plan from Dallas Cowboys TMP

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Restrictive Signage

Sample Signage Plan from Dallas Cowboys TMP

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Egress VMS Signage

- 4 Egress Sign Locations
  - Need to be rotated and/or relocated from arrival positions

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Intersection Staffing and Operations Plans

Sample Ops Plan from Dallas Cowboys TMP

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Public Safety Coordination
Public Safety Control Center

August 12, 2013
Clint Peters, City of Waco

ClintP@ci.waco.tx.us
254-750-5654
Olive Heights

- Olive Heights Community Process Ongoing → Discussion with City of Waco after TMP Overview
Neighborhood Collaboration

Neighborhood Collaboration
- Protect Neighborhood from Negative Impacts
  - Minimize/eliminate unwarranted trespass parking in neighborhoods
  - Minimize/eliminate uninvited traffic looking for a place to park

Neighborhood Outreach
- Listen
- Learn
- Identify the Issues
- Establish the Neighborhood Zone
- Ongoing community engagement on a periodic basis after the new stadium is opened

Common Issues
- Additional traffic congestion, speeding traffic, child safety
- On-street parking that prevents residents from being able to park near their homes
- Parking that encroaches on private lawns
- Parking in ways that block driveways
- Parking that reduces residential street access
- Parking and traffic that impacts emergency vehicles

August 12, 2013
Neighborhood Parking Options

Existing Residential Zoning
- Restricts Parking on Lawns and in Vacant Parcels

Some Parking Plan Options
- Allow or Eliminate Parking?
- Establishing a System of Residential Parking Permits or Stickers
- Providing Permits for Visitors
- Updating Zoning Laws for Parking in Residential Zones
- Precluding Sale of Parking in Residential Zone
- Providing Parking Signage
Neighborhood Comments/Ideas

- What would you like to see for Your Neighborhood?
  - Please Provide Your Name and Where You Live
  - Limit Comments to 2-Minutes or Less
  - Write
  - Comment Sheets are Provided for Further Comments in Writing
  - E-Mail
    - ClintP@ci.waco.tx.us

Next Meeting Early Fall!