Traffic Management Plan

Draft 1, May 21st, 2012

Formula One United States Grand Prix

November 16-18, 2012, Austin, TX USA

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Circuit of The Americas
2012 Formula One United States Grand Prix
Transportation Management Plan

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Qualifications

This traffic and transportation plan is based on the needs and requests of the Circuit of The Americas (COTA). This plan is based from experiences of the security and transportation task force and the intricacies of COTA. This plan is a work in progress and will continue to develop as information becomes readily available. Public safety and emergency services are the highest priority in the development of this plan.

Introduction

Circuit of The Americas (COTA), located in Travis County, TX, approximately 16 miles southeast of the central business district of the City of Austin, on FM Highway 812, 2 miles east of SH 130, was selected to host the 2012 United States Grand Prix. This important and prestigious United States Grand Prix racing event will occur over three days on November16 through 18, 2012, with Sunday, November 18 having the largest expected attendance of approximately 120,000 attendees. It is important, not only for the economic impact it will bring to the region, but also for the worldwide attention this event will bring to City of Austin, Travis County, and the State of Texas.

This large event will add a significant volume of traffic to local roadways surrounding COTA as well as traffic throughout greater Austin. With the goals, objectives, and the strategies presented in this working document, we intend to meet all challenges, including: sustainability initiatives; paved parking challenges; and any inconveniences to local residents and businesses. With the help of an integral team of transportation, security and special events experts, we plan to safely and efficiently accommodate thousands of attendees using a variety of modes of transportation and proven techniques.

Recognizing the need to manage traffic flow both inside and outside of track property, COTA has commissioned Kimley-Horn and Associates, Inc. (Dallas) and Vasta & Associates, Inc. (Chicago) to assist in this plan. .Kimley-Horn and Associates, Inc. is a traffic-engineering firm while Vasta & Associates, Inc. is a special events company that specializes in transportation planning and implementation for large events (for background information on Kimley-Horn and Associates, Inc., see www.kimley-horn.com and for Vasta & Associates, see www.vasta.com). The pertinent portions of the Traffic Control Plan details have been attached here to as Exhibit A.

Organizations Involved

Austin Bergstrom International Airport (ABIA)
Capital Metropolitan Transportation Authority(CapMetro)
Carlson, Brigance, & Doering Inc. (CBD)
Circuit of The Americas (COTA)
City of Austin Convention and Visitors Bureau (Austin CVB)
City of Austin (COA)
Fd2s-Wayfinding Consultants (fd2s)
Kimley-Horn and Associates, Inc. (KHA)
League of Bicycle Voters (LBV)
Texas Department of Transportation (TxDoT)
Travis County (TC)
Vasta & Associates, Inc. (VAI)

Mission Statement

Ensure safe and effective transportation during the 2012 Formula One United States Grand Prix weekend event(s) for spectators, participants, media, sponsors, staff, volunteers, and special guests.

General Overview

The staging of the 2012 United States Grand Prix presents a number of challenges that will need to be overcome. One key challenge of a successful Formula One event will be to provide safe and efficient transportation through various systems to and from a track that is located in a unique rural environment with limited roadways and access points. A variety of park & ride operations, shuttles, and other resources and strategies will be utilized to overcome these challenges.

Due to the limitations of the existing infrastructure surrounding COTA, it will be critical to look at this plan in a series of rings that will affect traffic throughout all of greater Austin. The provided transportation plan will be based on the input and lessons learned from past Formula One Grand Prix events, special events in Austin, and other motor racing events in the United States. Developing a flexible and accurate transportation plan will also require a close examination of the how the race will impact the existing transportation network throughout Austin. In order to bring successful results to COTA, the following four major areas will need to be addressed:

1. **Mobility:** To establish a transportation system and services that respond to the unique needs of visitors, participants and staff with a minimum disruption to the existing travel activities and resources within the local community.

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2. **Existing Facilities**: To maximize the use of both private and public resources, such as equipment, facilities, parking lots, and vacant space or real estate.

3. **Levels of Service**: To balance travel demand by mode to minimize traffic delays and congestion to both visitors and residents while meeting sustainability and green initiatives. Accommodate the mass of spectators and to separately accommodate a level of VIP attendees such as Formula One officials, COTA officials, local officials, media, participants, owners, sponsors, and other stakeholders.

4. **Awareness:** To assure that information regarding transportation choices and services is readily available and understood by attendees, staff, vendors, media, and the local community. Develop and share the plan in a timeline as part of the vital marketing and public relations plan (PR) to coincide with the COTA's overall public relations and other agencies PR plans.

Objectives

The four basic objectives of the security / transportation task force are:

1. To safely transport all track patrons to and from COTA with minimal disruption to local residents and businesses.

2. To transport key personnel (F1 Officials, COTA Officials, and participants), media, sponsors, support staff, and ticketed patrons in the safest and most efficient manner possible, utilizing designated routes, parking options, shuttles, car pools, event strategies, and other sustainable practices and sustainable incentives;

3. To inform and assist all local residents with their options and maintain minimal disruption to their normal traffic flow;

4. To assist the responsible traffic and law enforcement agencies to ensure a functional flow of traffic (both vehicular and pedestrian) and parking during the Formula One and any other large movements for that week.

Airport Operations

Under development with City of Austin, Department of Aviation.

Schedule of Events (under development)
Monday, November 12

Tuesday, November 13

Wednesday, November 14

Thursday, November 15
- Formula One practice, 10am to 4pm

Friday, November 16
- Spectator shuttles, 8am to 7pm (start/end times under development)
- Formula One Practice Sessions 1 and 2, 10am to 4pm

Saturday, November 17
- Spectator shuttles, 8am to 7pm (start/end times under development)
- Formula One Practice Session 3 and Qualifying, 10am to 4pm

Sunday, November 18 ----United States Formula One Grand Prix, 1:00 pm
- Spectator shuttles, 7am to 8pm (start/end times under development)

Communications and Public Relations
The internal and external communication capabilities surrounding the Formula One are vital to successfully operating an event of this size, and Circuit of The Americas is committed to communicating information pertaining to its transportation plan to the appropriate groups and individuals. This part of the plan will fall under COTA's Communications Department. The plan will coordinate communications from officials representing all city, county and state agencies involved with executing the transportation plan, and then at the appropriate times will be disseminated with ongoing updates to all key stakeholders and audiences (See Figure 6).

Internal Signage
Enhanced signing "Way finding" will be in place to guide patrons through the internal roadways and into the proper seating or parking lots of COTA. The environmental graphic design firm fd2s has been hired by COTA to design and implement this plan. Exit signs will also be necessary, as some vehicles may be forced to exit a different way that they may have entered into COTA lots in order to improve the exit operation. Trailblazer signs leading to exits, SH 130 and other major roadways will be used where beneficial to traffic flow. A specific sign schedule will be developed with exact locations of where enhanced signing will be located.

On-Site Parking

COTA will have approximately 17,000 on-site parking spaces reserved for pre-paid suite holders, certain ticket holders, participants, media, and other designees. Parking will involve best efforts to coordinate with the ticket purchase proximity (parking to seating) in order to minimize walking distances and coordinate pedestrian flow.

COTA On-Site Parking Estimations

DESIGNATION	GROUP	QTY. OF SPACES
Lot A	Ticket holders	3192
Lot B	Ticket holders	178
Lot C	Ticket holders	645
Lot D	Ticket holders	199
Lot E	Ticket holders	535
Lot F	Ticket holders	5060
Lot G	Ticket holders	370
Lot H	Ticket holders	690
Lot J	Ticket holders	389
Lot K	Ticket holders	535
Lot L	Ticket holders	2600
Lot M	Ticket holders	965
Lot N	Ticket holders	Future lot
Lot P	Ticket holders	2480
Orange Lot (McAngus Rd.)	Bus Shuttle to Expo Ctr.	Loading est. 15-30 buses
Orange Lot	Bus Shuttle to Airport	
Blue Lot (McAngus Rd.)	Bus Shuttle to downtown	Loading est. 26-52 buses
Yellow Lot (McAngus Rd.)	Taxi cabs	TBD

Off-Site Parking

Off-site parking locations are currently under negotiation with the Travis County Expo Center, Travis County, City of Austin, and Capital Metro Transit in order to facilitate a park-n-ride operation to COTA.

The park-n-ride lots will drop patrons on-site at bus depot areas currently being developed on the NW corner of COTA property. There will be a minimum of two (2) bus depot areas in this area accessible exclusively for buses near McAngus and Elroy Roads.

Parking Permits
Parking permits will be issued long with the tickets no later than four weeks prior to event.

Parking permits will be in the form of a hanging tag and will be approximately 4" by 7" with driving/parking instructions printed on the back. Permits shall be displayed at all times while vehicles are parked in their appropriate parking lot (See Figure 8).

All vehicles will be required to have a permit to access vicinity points on all roads leading into COTA, and to access their appropriate parking lot. Vehicles will not be allowed in and out privileges.

COTA will work with area residents and businesses to ensure that all parties have access to their residences and businesses at all times during the event.

Limousine Parking
Limousines will be parked in the appropriate lot for which they purchased parking as their permits designate. All patrons will disembark their chauffeured vehicles from their parking space and also return to their parked vehicles. No drop-offs or pick-ups will be allowed. The COTA parking attendants will attempt to park all chauffeured vehicles at the front of their respective lots as a courtesy to those patrons who have contracted chauffeured vehicles. As the parking lots become filled closer to the start of events, attendants will make appropriate decisions to fill all available parking spaces.

There will be dialogue and correspondence with the Texas Limousine Association in order to estimate the number of chauffeured vehicles attending this event. Parking permits for any vehicles, including limousines are required, and must be obtained from COTA.

Charter Buses
Groups chartering buses will require the purchase of a Charter Bus Parking Permit from COTA. Charter buses will be designated to park on-site at one of the COTA lots TBD. In and out privileges will not be allowed for private charter buses.

Bicycle Access
People choosing to ride a bicycle to the event will not be able to ride ontoCOTA property. Bicyclists will be able to park and lock their bikes in a bicycle depot located at the corner of Moore Bridge Rd. and FM 973. From there, bicyclists will be shuttled to the Bus depot lot on McAngus road. The suggested route for bicyclists from downtown Austin is presented in the attached documents (see Figure 1).

Cash Parking Lots (day of the event)
Cash parking lots will not be available on-site at COTA. Cash parking lots may be available at the following locations on a first come-first served basis: TBD

Hotel Shuttles
Taxis and hotel complimentary shuttle service to and from COTA will not be allowed into the facility. Hotel shuttles will be allowed to shuttle to/from the COTA park-n-ride lots.

Directions to Taxi Lot
Taxis will only be allowed to enter COTA property at McAngus and Elroy Roads. The preferred route to access this parking lot facility is:

1. From downtown, proceed to SH45/130 Toll Road.
2. Travel South on SH45/130 exit on Elroy Rd.. Turn left onto Elroy Rd.
3. Travel East on Elroy Rd. to McAngus Rd. Turn Right onto McAngus Rd.
4. Proceed on McAngus Rd. to Taxi lot.

Directions to On-site parking lots

COTA Lot's - A, B, C, D, E, F (9,809 approximate parking spaces)

From SH 45 / 130 Toll Rd. (Northbound / Southbound)

1. Exit FM 812.
2. Proceed eastbound on FM 812 to COTA entrance.

COTA Lot's - G, H, J, K, L, M (5,494 approximate parking spaces)

From SH 45 / 130 Toll Rd. (Northbound / Southbound)

1. Exit Pearce Ln. Turn left and proceed East to Kellam Rd.
2. Turn right on Kellam Rd. and proceed South to COTA entrance.

COTA Lot P (2,480 approximate parking spaces)

From SH 45 /130 Toll Rd. (Northbound /Southbound)

1. Exit FM 812 and travel eastbound on FM 812.
2. Proceed eastbound on FM 812.Turn Left on Elroy Road.
3. Proceed on Elroy Road to COTA Lot P.

McAngus Bus Lots - Blue and Orange

From SH 45 / 130 Toll Rd. (Northbound / Southbound)

1. Exit Pearce Lane.
2. Travel East on Pearce Lane to FM 973. Go South on FM 973 to McAngus Rd.
3. Turn left onto McAngus Rd. to Lot on right side before Elroy Rd.

Park-n-Ride Locations

Downtown @ Waterloo Park: Utilizing parking spaces at Capitol Garages and numerous other downtown parking options.

Travis County Expo Center: Located at the intersection of FM 3177 and Loyola Lane.

Bus Shuttle Routes

Downtown @ Waterloo Park:

To COTA

1. Depart load zone at Trinity and 15th Street.
2. Travel North on Trinity to MLK Blvd. Turn Right onto MLK.
3. Proceed East on MLK to SH 130.
4. Take the Southbound exit onto SH 130 and Proceed to Elroy Rd.
5. Take a Right on Elroy Rd. to FM 973.
6. Go South on FM 973 to McAngus Road. Turn Left.
7. Proceed on McAngus Road to Bus-depot lots.

From COTA

1. Exit Bus lot onto McAngus Road heading north.
2. At Elroy, turn Left and proceed to SH 130. Go North on SH 130.
3. Exit at FM 969 and head west on FM 969 (MLK).
4. Travel West on MLK to IH-35 frontage Rd. Turn left and proceed South.
5. Travel South to 15th St. and turn Right. Travel west on 15th St. to Trinity.
6. Turn right on Trinity and proceed North to Load-zone.

Travis County Expo Center:

To COTA

1. Depart Expo Center on to Decker Lane travelling east.
2. Turn Left onto FM 973 and proceed to SH 130.

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3. Go South on SH 130 to Elroy Rd. Exit Elroy Rd. and Turn Right.
4. At FM 973 turn left and head south to McAngus Road. Turn Left on McAngus.
5. Travel East on McAngus to Bus-depot lots.

From COTA

1. Exit Bus lot on to McAngus Road heading north.
2. At Elroy, turn Left and proceed to SH 130. Go North on SH 130.
3. Exit at FM 973 and turn left off exit.
4. Travel on FM 973 to Decker Lane.
5. Turn Right on Decker Lane and proceed to south entrance at Expo Center.

Temporary Closures and Forced Directional

See Attachment 1

Helicopter Surveillance / Fixed Wing Aircraft

TBD

Command Centers

TBD (CCTV / surveillance of traffic flow on- and off-site).

Sustainable "green" Practices

- Satellite park-n-ride locations, capable of transporting 80,000 people
- On-site parking will be limited to fewer than 18,000 spaces
- Actively seeking bus/motorcoach providers who have low-emission buses
- Bicycle access route, from downtown Austin is under development
- Bike riding incentives at park-n-ride locations
- Contra-flow lanes in and out of site will reduce idling vehicles
- Continuing to identify new ideas with the committee

Future Improvements

Improvements that can increase traffic flow in the future:

- Construct additional lanes on existing roads out of COTA
- Construct new roads in/out of COTA
- Identify and use park-n-ride lots in closer proximity to COTA
- Construct a light-rail system to airport and COTA
- Construct a sustainable "green" parking garage at AUS and/or at COTA

Figure 1: Bike Route

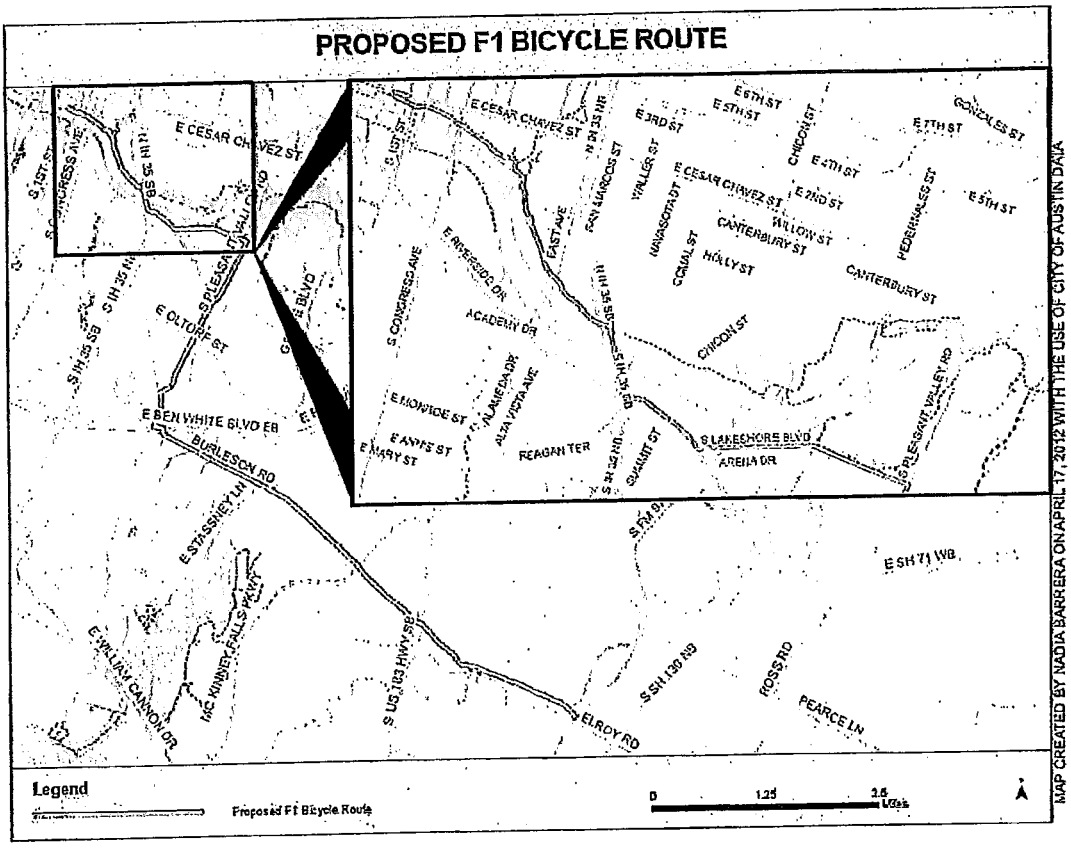

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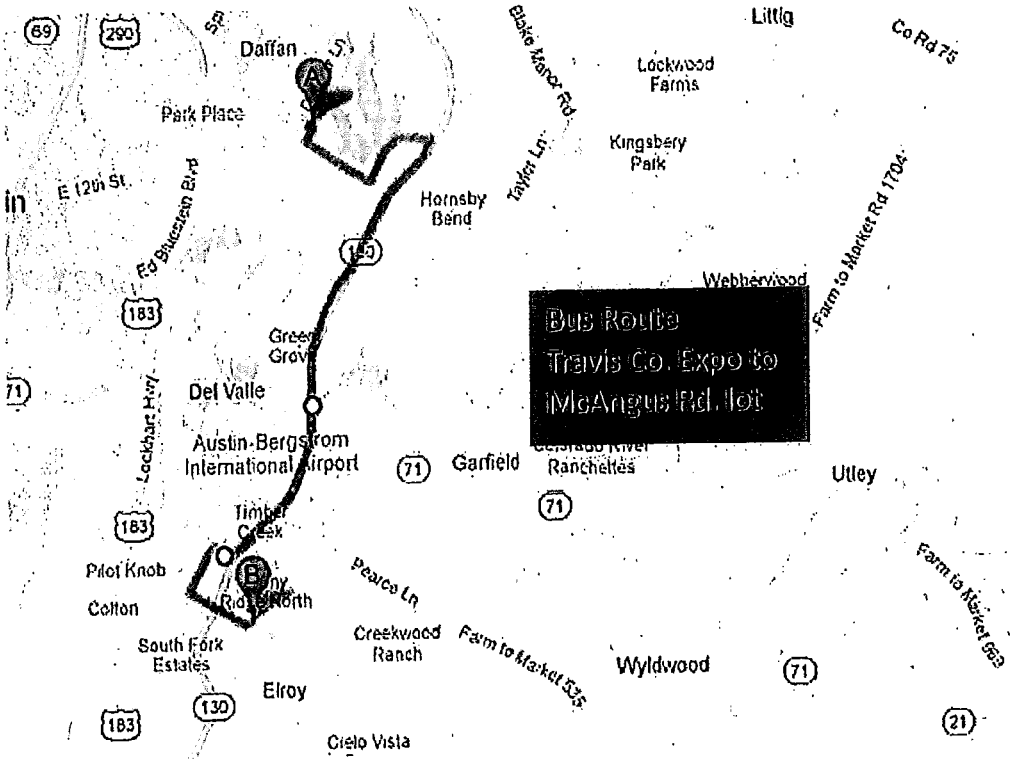
Figure 2: Bus Route, Travis County Expo



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Circuit of The Americas

Figure 3: Bus Route Waterloo Park

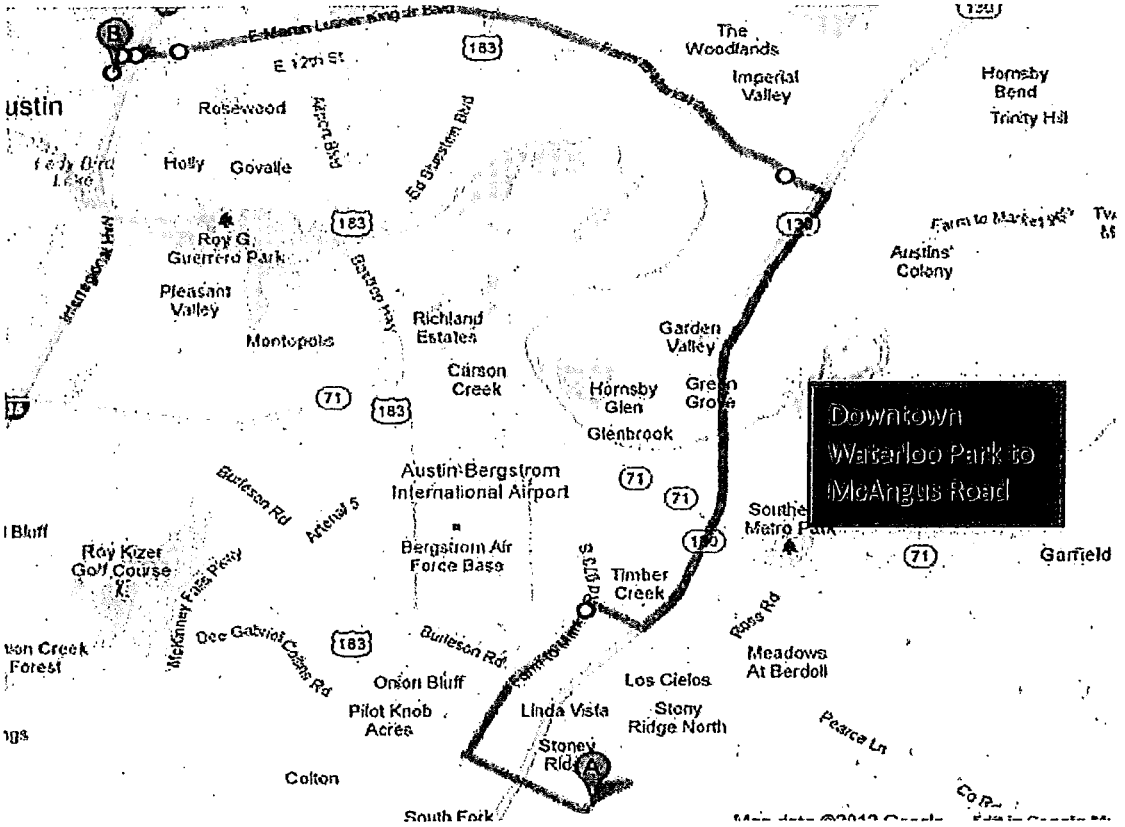

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Figure 4: Website Language (First Phase)

A limited number of pre-paid parking permits or the COTA shuttle will be the only way to access the COTA area. There will be no cash parking on-site and roads leading into COTA will be restricted to permitted vehicles.

The recommended transportation to COTA is by the official shuttle bus network operated by COTA in partnership with the City of Austin, Travis County, and Capital Metro. Check here soon for details on where to pick-up the shuttle throughout greater Austin.

Parking permits may be purchased with your ticket purchase on a first come, first served basis. Please call 512-301-6600 for ticket and parking information or purchase online here starting June.
For those that anticipate having an on-site parking permit, we recommend obtaining a TxTag (toll tag) for your vehicle prior to the event. This will ensure easy access to, from, and along SH 130. You can sign-up your vehicle here: http://www.txtag.org/

Limos (or any chauffeured vehicle) will be required to have proper licensing in order to operate in greater Austin. Please see Marcy Cardona or call 512.974.1551 for the City's requirements.
Properly licensed limos will then require the proper parking placard to enter COTA and must follow the parking instructions on the back of that placard in order to enter. Limo operators can purchase their parking placard from COTA, or their client may have already purchased the parking placard. Please confer with your client.

Taxicabs will be required to have proper licensing in order to operate in greater Austin. Please see Marcy Cardona or call 512.974.1551 for the City's requirements.
Properly licensed taxis will then require the proper parking placard to enter COTA and must follow the parking instructions on the back of that placard in order to enter. Taxicabs must enter the Taxicab lot in order to unload or load. This will be strictly enforced.

Parking directions will be supplied with your parking permit and **itis extremely important that these directions be followed!** Or your access into COTA will be challenged.

Parking for Recreational Vehicles will require a pre-paid permit and will also be sold on first come, first served basis. Check back here, starting early June.

Parking for people with disabilities will require proper documentation submitted to COTA by November 10, 2011, by submitting your request and your State ID to info@circuitoftheamericas.com. All documentation will be reviewed to assure authenticity.

--Please continue to check the website here for the most current information--

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Figure 5: Parking Hang Tags (samples under development)

Draft disclaimer language on parking permits:

This parking permit is issued for ONE VEHICLE and will not be replaced if lost.

This parking permit is subject to the following conditions:

1) Parking lots are for the specific use of patrons who are attending the event. Patrons utilizing the parking areas for any other purpose, or who in the opinion of management, are disturbing other patrons, loitering, or failing to enter the lot in a timely manner, may be asked to vacate the premises.
2) The failure of any person to obey the instruction, direction, or request of parking lot personnel or park signage may be subject to eviction from the parking lot and forfeiture of this parking permit, without compensation.
3) Management is not responsible for, and assumes no liability arising from fire, theft, damage to, or loss of vehicle or any article therein while on park premises.
4) Resale or attempted resale of this parking permit is prohibited. Any alteration of this parking permit is prohibited.

EXHIBIT A

TRAFFIC CONTROL PLAN

PREPARED FOR THE

2012 UNITED STATES GRAND PRIX

PREPARED BY

Kimley-Horn and Associates, Inc.

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PREPARED FOR

CIRCUIT OF THE AMERICAS

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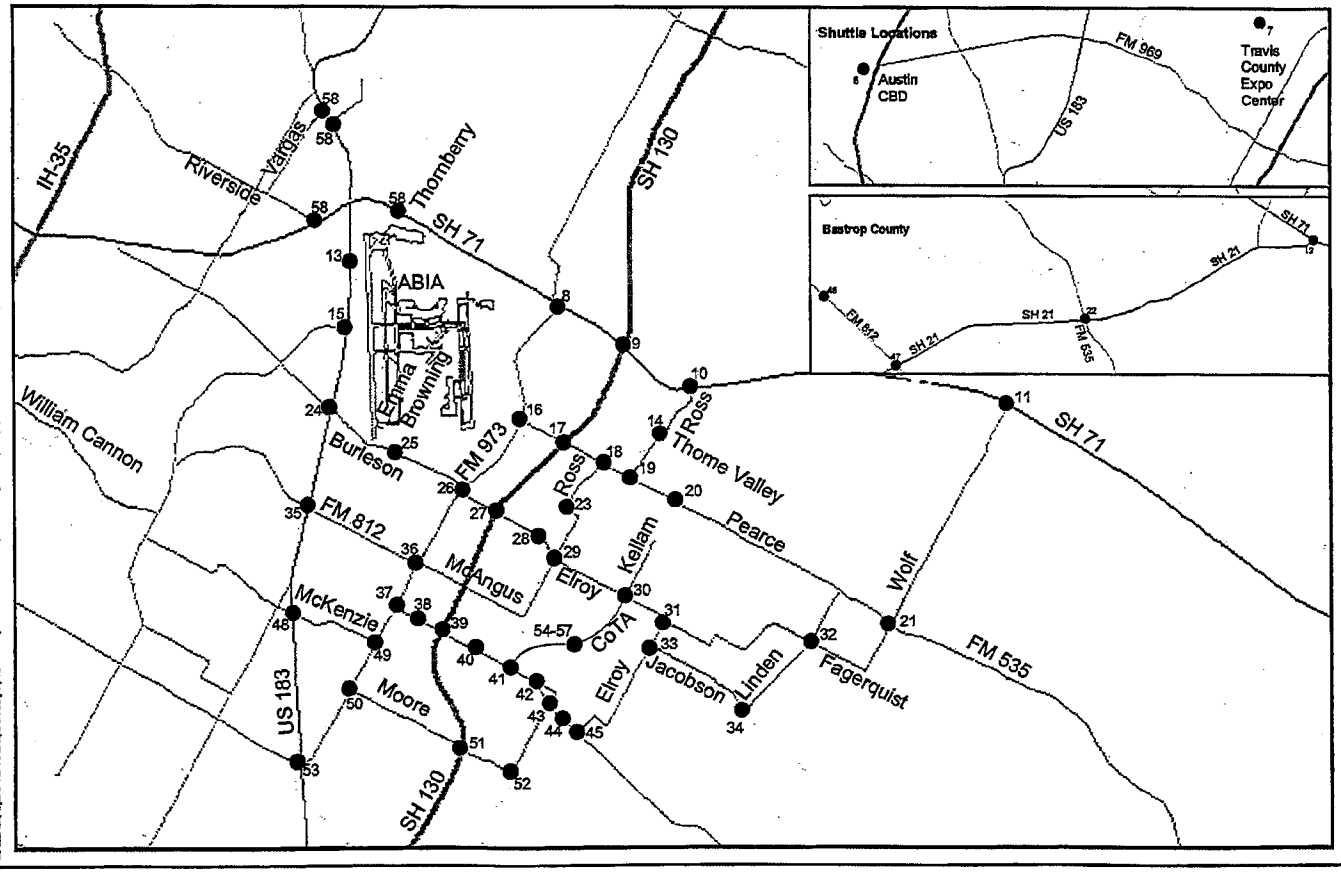
PLAN DEVELOPED: MAY 25, 2012

VICINITY MAP - NOT TO SCALE



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Detail Sheets

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EXHIBIT A

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GENERAL NOTES

1. Necessary Operational Procedures:
   - 1.1. Set-up cones, vertical panels, and barricades in accordance with Pre-Event Plan;
   - 1.2. Set-up temporary signs;
   - 1.3. Cover existing conflicting signs;
   - 1.4. Coordinate with all existing traffic signal owners to modify signal operations, as noted in the plans; and
   - 1.5. At the designated time (approximately 15 minutes after event start time), transition from Pre-Event Plan to Post-Event Plan.
2. Speeds shown on plans indicate design speeds for the traffic control plan.
3. All traffic control signs and devices shall be placed and installed in accordance with the latest edition of the Texas Manual on Uniform Traffic Control Devices (Texas MUTCD) and TxDOT Traffic Engineering Standard Sheets for Barricade and Construction Standards.
4. Any variations to the traffic control plan shall be approved by the Engineer, the City, and/or the County, as appropriate.
5. Contractor shall provide access to all businesses and residences along roadways at all times.
6. Along all facilities with operations modified to full contra-flow, contractor shall place one-way (R6-1) signs at all public streets and driveways, except those driveways serving a single-family dwelling unit.

CONTRA-FLOW AND MODIFIED ROADWAY SEGMENTS

The following assumes Kellam Road between Elroy Road and Pearce Lane is constructed.
FULL = all lanes operating in one direction
PARTIAL = two-way traffic with operations modified from typical conditions

Pre-Event
FULL
- Pearce Lane from SH 130 SBFR to Kellam Road
- Kellam Road from Pearce Lane to Elroy Road
- McAngus Road from FM 973 to Elroy Road (excluding portion serving the Taxi lot)

PARTIAL
- FM 812 from ~500' west of FM 973 N to CoTA Boulevard
- FM 812 from Travis County / Bastrop County line to SH 21

Post-Event
FULL
- Pearce Lane from Kellam Road to SH 130 NBFR
- Kellam Road from Elroy Road to Pearce Lane
- McAngus Road from FM 973 to Elroy Road (excluding portion serving the Taxi lot)

PARTIAL
- FM 812 from CoTA Boulevard to ~500' west of FM 973 N
- FM 812 from Elroy Road to SH 21

LIMITED ACCESS ROADWAY SEGMENTS

Shuttles, Taxis, and Local Residents Only (Pre- and Post-Event)
- Elroy Road from FM 973 to CoTA Boulevard
- FM 973 from Elroy Road to McAngus Road
- McAngus Road from FM 973 to Elroy Road

Emergency, CoTA Official, and Local Residents Only (Pre- and Post-Event)
- Moore Road from SH 130 to Maha Loop Road
- Maha Loop Road from Moore Road to Piland Triangle

SHUTTLE REQUIREMENTS

Downtown: 36,250 people (estimated)
@ 2 people / car = 18,125 parking spaces needed
Assumptions: 45 people / shuttle
80 minutes / trip = 3 trips in 4 hours

# of Shuttles = (36,250 people) / (45 people / shuttle) / (3 trips) = 269 shuttles

Expo Center: 36,250 people (estimated)
@ 2 people / car = 18,125 parking spaces needed
Assumptions: 45 people / shuttle
70 minutes / trips = 3 trips in 3.5 hours

# of Shuttles = (36,250 people) / (45 people / shuttle) / (3 trips) = 269 shuttles

Total: # of Shuttles to serve 72,500 people = 269 + 269 = **538 Shuttles**

ON-SITE VEHICLE SERVICE TIME CALCULATIONS

(Service Time = Total time required to clear CoTA property, if all vehicles left simultaneously)

Assumes Kellam Road between Elroy Road and Pearce Lane is constructed.

17,000 Vehicles On-Site (estimated)
+5,000 Other Vehicles (estimated)
22,000 Total Vehicles

Scenario 1 (700 vphpl)

Travel Lane Capacity = 700 vehicles / hour / lane
# of Travel Lanes = 10 lanes (see Sheets 4A and 5A)
System Capacity = 700 vehicles / hour / lane * 10 lanes = 7,000 vehicles / hour

Service Time = 22,000 vehicles / 7,000 vehicles / hour = **3.14 hours**

Scenario 2 (1,000 vphpl)

Travel Lane Capacity = 1,000 vehicles / hour / lane
# of Travel Lanes = 10 lanes (see Sheets 4A and 5A)
System Capacity = 1,000 vehicles / hour / lane * 10 lanes = 10,000 vehicles / hour

Service Time = 22,000 vehicles / 10,000 vehicles / hour = **2.20 hours**

NO.	REVISIONS	DATE	BY

Kimley-Horn and Associates, Inc.
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12700 HILL COUNTRY BLVD, SUITE T-200, AUSTIN, TEXAS 78738
PHONE: 972-770-1300 FAX: 972-239-3138
WWW.KIMLEY-HORN.COM TX F-928

LICENSED PROFESSIONAL ENGINEER — STATE LICENSE NUMBER LIC PROF 1 # — DATE

KHA PROJECT 069229100 | DATE MAY 2012 | SCALE AS SHOWN | DESIGNED BY ATG | DRAWN BY SCB | CHECKED BY ANW

CONTACT INFORMATION & GENERAL NOTES

GENERAL
TRAFFIC CONTROL PLAN
PREPARED FOR CIRCUIT of the AMERICAS
AUSTIN, TEXAS

SHEET NUMBER
1

56

SUMMARY OF QUANTITIES: PRE-EVENT

SHEET	LOCATION	OFFICERS	CONES	FLAGS	BARRICADES	SIGNS	PCMS	PANELS
	DOWNTOWN							
	EXPO CENTER							
	SH 71 & FM 973							
	SH 71 & SH 130							
	SH 71 & ROSS ROAD							
	SH 71 & WOLF LANE							
	SH 71 & SH 21							
	US 183 & METROPOLIS DRIVE							
	ROSS ROAD & THOME VALLEY DRIVE							
	US 183 & MCKINNEY FALLS PARKWAY							
	FM 973 & PEARCE LANE							
	SH 130 & PEARCE LANE							
	PEARCE LANE & ROSS ROAD (W)							
	PEARCE LANE & ROSS ROAD (E)							
	PEARCE LANE & KELLAM ROAD							
	PEARCE LANE & WOLF LANE							
	SH 21 & FM 535							
	ROSS ROAD & HEINE FARM ROAD							
	US 183 & BURLESON ROAD							
	BURLESON ROAD & EMMA BROWNING							
	FM 973 & ELROY ROAD							
	SH 130 & ELROY ROAD							
	ELROY ROAD & ROSS ROAD							
	ELROY ROAD & MCANGUS ROAD							
	ELROY ROAD & CoTA BOULEVARD							
	ELROY ROAD & FAGERQUIST ROAD							
	FAGERQUIST ROAD & LINDEN ROAD							
	ELROY ROAD & JACOBSON ROAD							
	JACOBSON ROAD & LINDEN ROAD							
	US 183 & FM 812							
	FM 812 & FM 973 (N)/MCANGUS ROAD							
	FM 812 & FM 973 (S)							
	FM 812 ROADWAY TYPICAL SECTION							
	FM 812 & SH 130							
	FM 812 ROADWAY TYPICAL SECTION							
	FM 812 & CoTA BOULEVARD							
	FM 812 & PILAND TRIANGLE (W)							
	FM 812 & PILAND TRIANGLE (E)							
	FM 812 ROADWAY TYPICAL SECTION							
	FM 812 & ELROY ROAD							
	FM 812 ROADWAY TYPICAL SECTION							
	SH 21 & FM 812							
	US 183 & MCKENZIE ROAD							
	FM 973 & MCKENZIE ROAD							
	FM 973 & MOORE ROAD							
	SH 130 & MOORE ROAD							
	MOORE ROAD & BURKLUND FARMS ROAD							
	US 183 & FM 973							
	CoTA BOULEVARD							
	INTERCHANGE RAMPS							
	TOTALS							

No.	REVISIONS	DATE	BY

Kimley-Horn and Associates, Inc.

LICENSED PROFESSIONAL
LIC PROF 1
STATE LICENSE NUMBER
LIC PROF 1 #
DATE

KHA PROJECT 069229100
DATE MAY 2012
SCALE AS SHOWN
DESIGNED BY ATG
DRAWN BY SCB
CHECKED BY AWH

SUMMARY OF QUANTITIES

PRE-EVENT
TRAFFIC CONTROL PLAN
PREPARED FOR
CIRCUIT OF THE AMERICAS
AUSTIN TEXAS

SHEET NUMBER
PRE-3

EXHIBIT A

57

SUMMARY OF QUANTITIES: POST-EVENT

SHEET	LOCATION	OFFICERS	CONES	FLAGS	BARRICADES	SIGNS	PCMS	PANELS
	DOWNTOWN							
	EXPO CENTER							
	SH 71 & FM 973							
	SH 71 & SH 130							
	SH 71 & ROSS ROAD							
	SH 71 & WOLF LANE							
	SH 71 & SH 21							
	US 183 & METROPOLIS DRIVE							
	ROSS ROAD & THOME VALLEY DRIVE							
	US 183 & MCKINNEY FALLS PARKWAY							
	FM 973 & PEARCE LANE							
	SH 130 & PEARCE LANE							
	PEARCE LANE & ROSS ROAD (W)							
	PEARCE LANE & ROSS ROAD (E)							
	PEARCE LANE & KELLAM ROAD							
	PEARCE LANE & WOLF LANE							
	SH 21 & FM 535							
	ROSS ROAD & HEINE FARM ROAD							
	US 183 & BURLESON ROAD							
	BURLESON ROAD & EMMA BROWNING							
	FM 973 & ELROY ROAD							
	SH 130 & ELROY ROAD							
	ELROY ROAD & ROSS ROAD							
	ELROY ROAD & MCANGUS ROAD							
	ELROY ROAD & CoTA BOULEVARD							
	ELROY ROAD & FAGERQUIST ROAD							
	FAGERQUIST ROAD & LINDEN ROAD							
	ELROY ROAD & JACOBSON ROAD							
	JACOBSON ROAD & LINDEN ROAD							
	US 183 & FM 812							
	FM 812 & FM 973 (N)/MCANGUS ROAD							
	FM 812 & FM 973 (S)							
	FM 812 ROADWAY TYPICAL SECTION							
	FM 812 & SH 130							
	FM 812 ROADWAY TYPICAL SECTION							
	FM 812 & CoTA BOULEVARD							
	FM 812 & PILAND TRIANGLE (W)							
	FM 812 & PILAND TRIANGLE (E)							
	FM 812 ROADWAY TYPICAL SECTION							
	FM 812 & ELROY ROAD							
	FM 812 ROADWAY TYPICAL SECTION							
	SH 21 & FM 812							
	US 183 & MCKENZIE ROAD							
	FM 973 & MCKENZIE ROAD							
	FM 973 & MOORE ROAD							
	SH 130 & MOORE ROAD							
	MOORE ROAD & BURKLUND FARMS ROAD							
	US 183 & FM 973							
	CoTA BOULEVARD							
	INTERCHANGE RAMPS							
	TOTALS							

No.	REVISIONS	DATE	BY

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WWW.KIMLEY-HORN.COM TX F-928

LICENSED PROFESSIONAL
LIC PROF 1
STATE LICENSE MANAGER
LIC PROF 1 #
DATE: ____

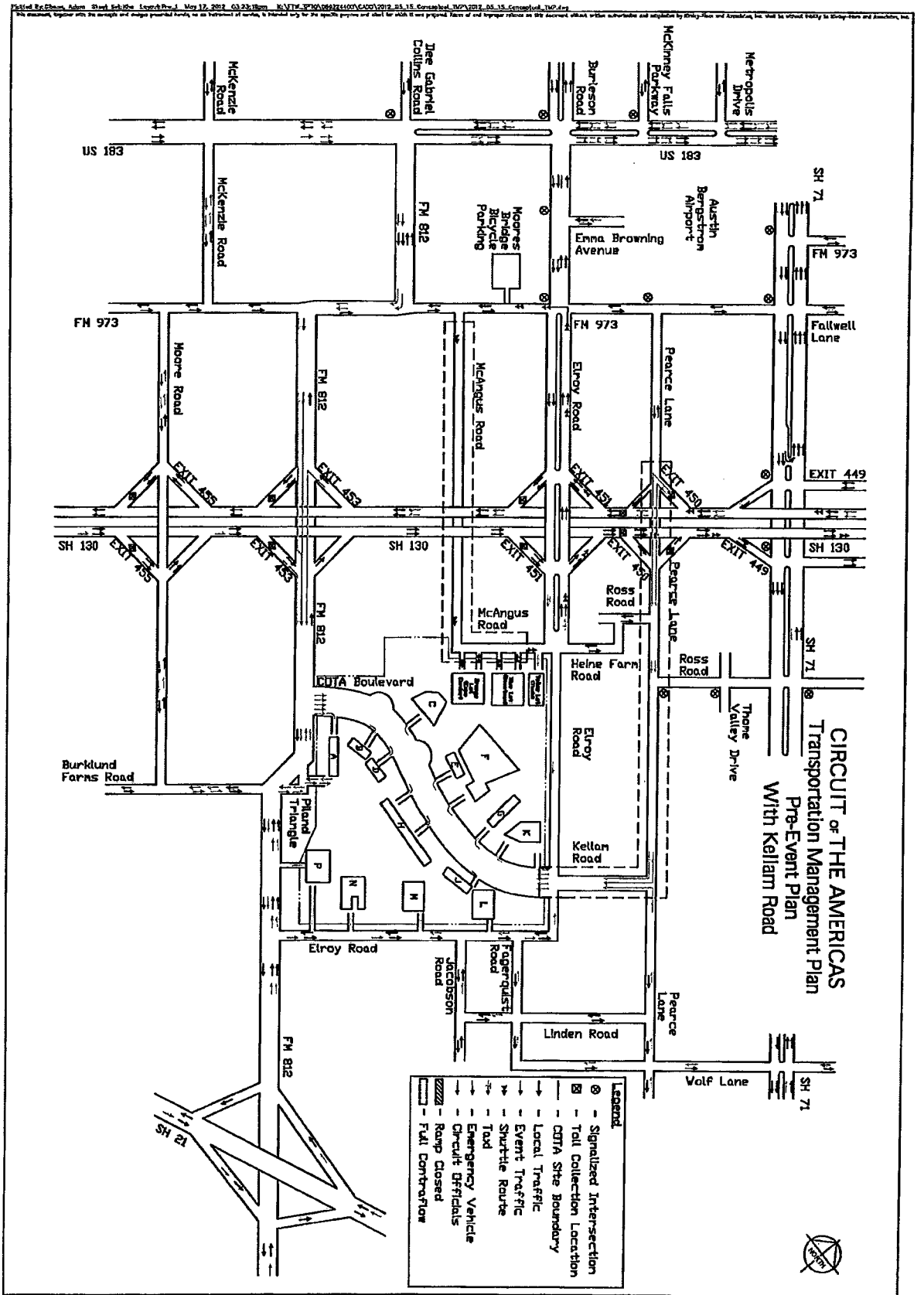
KHA PROJECT 069229100
DATE MAY 2012
SCALE AS SHOWN
DESIGNED BY ATG
DRAWN BY SCB
CHECKED BY AWN

SUMMARY OF QUANTITIES

POST-EVENT
TRAFFIC CONTROL PLAN
PREPARED FOR
CIRCUIT OF THE AMERICAS
AUSTIN TEXAS

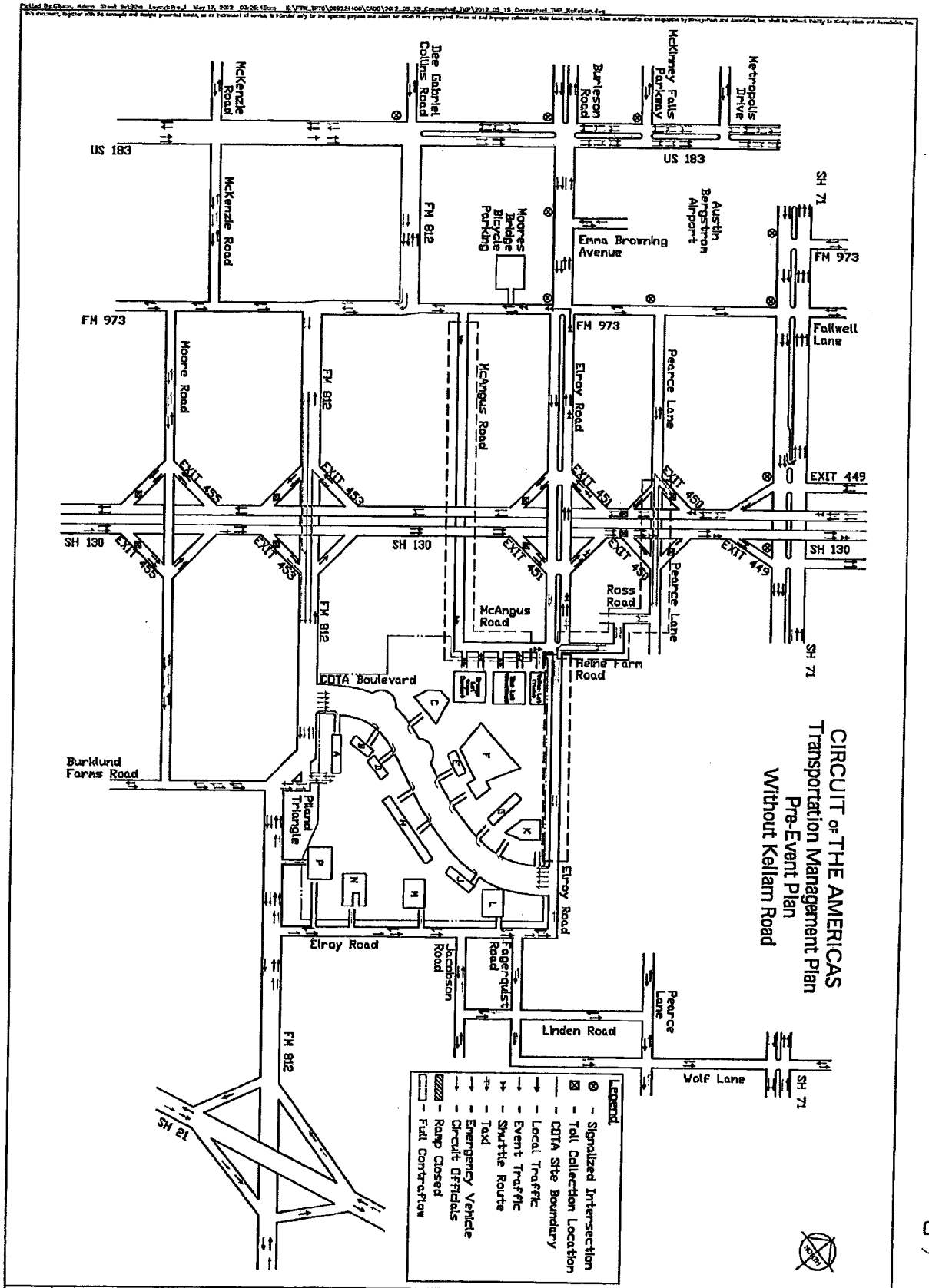
SHEET NUMBER
POST-3

EXHIBIT A



SHEET NUMBER 4A	PRE-EVENT TRAFFIC CONTROL PLAN PREPARED FOR CIRCUIT of the AMERICAS AUSTIN TEXAS	PRE-EVENT SCHEMATIC WITH KELLAM ROAD	KHA PROJECT 069229100 DATE MAY 2012 SCALE AS SHOWN DESIGNED BY ATG DRAWN BY SCB CHECKED BY ATH	LICENSED PROFESSIONAL UC PROF 1 STATE LICENSE NUMBER UC PROF 1 # DATE	Kimley-Horn and Associates, Inc.	NO.	REVISIONS DATE BY

EXHIBIT A



SHEET NUMBER 4B	PRE-EVENT TRAFFIC CONTROL PLAN PREPARED FOR CIRCUIT OF THE AMERICAS AUSTIN TEXAS	PRE-EVENT SCHEMATIC WITHOUT KELLAM ROAD	RHA PROJECT 069229100 DATE MAY 2012 SCALE AS SHOWN DESIGNED BY ATG DRAWN BY SCB CHECKED BY ANN	LICENSED PROFESSIONAL LIC PROF 1 STATE LICENSE NUMBER LIC PROF 1 # DATE	Kimley-Horn and Associates, Inc. 12700 PARK CENTRAL DRIVE, SUITE 1800, DALLAS, TX 75251 PHONE: 972-770-1300 FAX: 972-239-3820 WWW.KIMLEY-HORN.COM TX F-928

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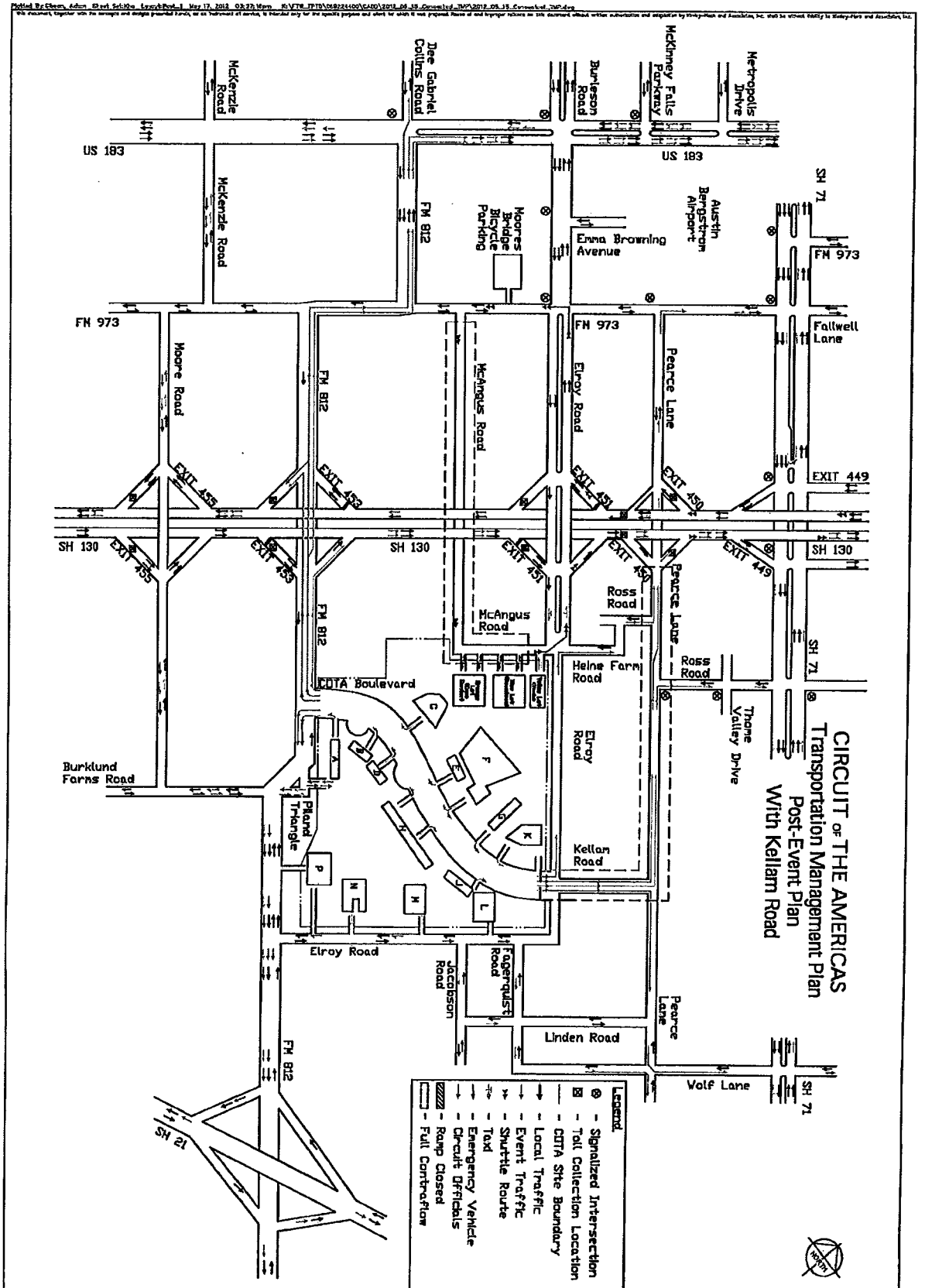


5A

POST-EVENT
TRAFFIC CONTROL PLAN
PREPARED FOR
CIRCUIT OF THE AMERICAS
AUSTIN TEXAS

POST-EVENT
SCHEMATIC
WITH
KELLAM ROAD

RHA PROJECT 069229100
DATE MAY 2012
SCALE AS SHOWN
DESIGNED BY AJQ
DRAWN BY SCB
CHECKED BY AWH

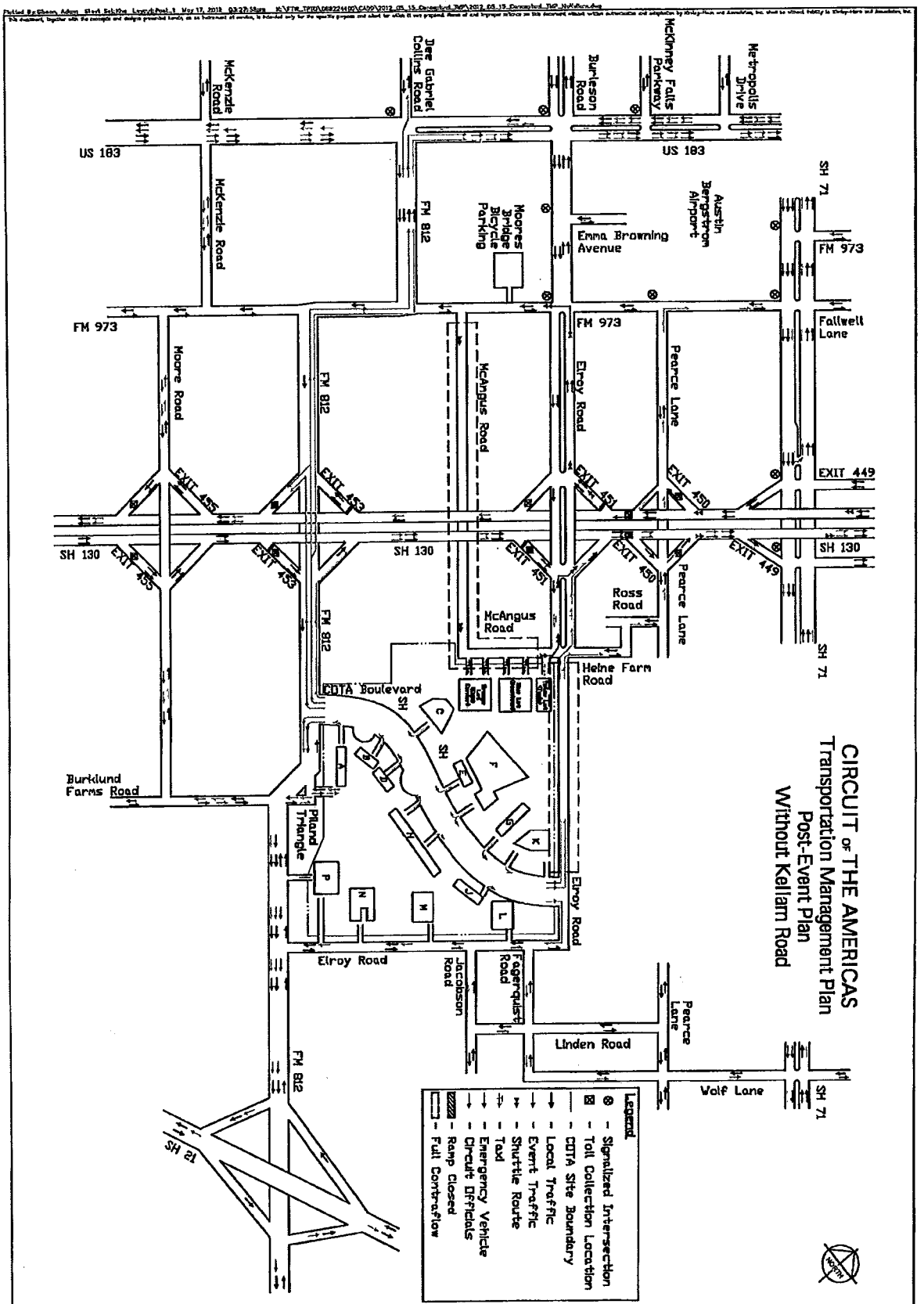
LICENSED PROFESSIONAL
LIC PROF 1
STATE LICENSE NUMBER
LIC PROF 1 #
DATE

Kimley-Horn and Associates, Inc.

No.	REVISIONS	DATE	BY

6

EXHIBIT A



CIRCUIT OF THE AMERICAS
Transportation Management Plan
Post-Event Plan
Without Kellam Road

SHEET NUMBER 5B	POST-EVENT TRAFFIC CONTROL PLAN PREPARED FOR CIRCUIT of the AMERICAS AUSTIN TEXAS	POST-EVENT SCHEMATIC WITHOUT KELLAM ROAD	TXDOT PROJECT 0692291OO DATE MAY 2012 SCALE AS SHOWN DESIGNED BY AJG DRAWN BY SCB CHECKED BY ANH	LICENSED PROFESSIONAL ENGINEER LIC PROF 1 STATE LICENSE NUMBER LIC PROF 1 # DATED	Kimley-Horn and Associates, Inc. © 2012 KIMLEY-HORN AND ASSOCIATES, INC. 12700 PARK CENTRAL DRIVE, SUITE 1800, DALLAS, TX 75251 PHONE: 972-770-1300 FAX: 972-239-3820 WWW.KIMLEY-HORN.COM TX F-928	No.	REVISIONS	DATE	BY

6-1

EXHIBIT A