

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 2

**DATED 3/31/2011**

<b>Control</b>	<b>6222-98-001</b>
<b>Project</b>	<b>RMC - 622298001</b>
<b>Highway</b>	<b>IH0035</b>
<b>County</b>	<b>BEXAR</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: RMC - 622298001

CONTROL: 6222-98-001

COUNTY: BEXAR

LETTING: 04/06/2011

REFERENCE NO: 0331

**PROPOSAL ADDENDUMS**

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\_ PROPOSAL COVER

X BID INSERTS (SH. NO.: SHEET 3-3 )

X GENERAL NOTES (SH. NO.: SHEETS 1-5 )

\_ SPEC LIST (SH. NO.:

\_ SPECIAL PROVISIONS:

ADDED:

DELETED:

\_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

\_ OTHER:

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

ADDED ALTERNATE BID ITEMS - THESE ITEMS WERE ADDED IN ADDENDA #1, HOWEVER INADVERTENTLY NOT STATED WITHIN THE PAPER BIDS ONLY. THEY WERE INCLUDED WITHIN THE ELECTRONIC BIDS.

REVISED GENERAL NOTES TO DELETE THE INCORRECT CSJ 6208-59-001 CORRECTED WITH 6222-98-001. ADDED ALTERNATE ITEMS AND RATE.

PLAN SHEET 4, RATE OF AGGREGATE FOR ALTERNATE WAS 756 CY CHANGED TO 576 CY

PLAN SHEET 6, ADDED 1 BESIDE THE 3127 ITEMS AND CHANGED TO ALTERNATE A1

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	354	2041		PLANE ASPH CONC PAV (1.5")  DOLLARS and CENTS	SY	63,300.000	1
	454	2007		HEADER TYPE EXPANSION JOINT  DOLLARS and CENTS	CF	69.000	2
	454	2008		JOINT SEALANT  DOLLARS and CENTS	LF	70.000	3
	500	2001	005	MOBILIZATION  DOLLARS and CENTS	LS	1.000	4
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING  DOLLARS and CENTS	MO	2.000	5
	662	2005	001	WK ZN PAV MRK NON-REMOV (W) 6" (BRK)  DOLLARS and CENTS	LF	8,110.000	6
	662	2008	001	WK ZN PAV MRK NON-REMOV (W) 6" (SLD)  DOLLARS and CENTS	LF	8,934.000	7
	662	2012	001	WK ZN PAV MRK NON-REMOV (W) 8" (SLD)  DOLLARS and CENTS	LF	1,650.000	8
	662	2013	001	WK ZN PAV MRK NON-REMOV (W) 12" (LNDP)  DOLLARS and CENTS	LF	490.000	9
	662	2014	001	WK ZN PAV MRK NON-REMOV (W) 12" (SLD)  DOLLARS and CENTS	LF	1,230.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	662	2017	001	WK ZN PAV MRK NON-REMOV (W) (ARROW) DOLLARS and CENTS	EA	6.000	11
	662	2018	001	WK ZN PAV MRK NON-REMOV (W) (DBL ARROW) DOLLARS and CENTS	EA	9.000	12
	662	2027	001	WK ZN PAV MRK NON-REMOV (W) (WORD) DOLLARS and CENTS	EA	6.000	13
	662	2035	001	WK ZN PAV MRK NON-REMOV (Y) 6" (SLD) DOLLARS and CENTS	LF	12,480.000	14
	666	2036	001	REFL PAV MRK TY I (W) 8" (SLD)(100MIL) DOLLARS and CENTS	LF	1,650.000	15
	666	2039	001	REFL PAV MRK TY I (W) 12"(LNDP)(100MIL) DOLLARS and CENTS	LF	490.000	16
	666	2042	001	REFL PAV MRK TY I (W) 12"(SLD)(100MIL) DOLLARS and CENTS	LF	1,230.000	17
	666	2054	001	REFL PAV MRK TY I (W) (ARROW) (100MIL) DOLLARS and CENTS	EA	6.000	18
	666	2069	001	REFL PAV MRK TY I(W)(DBL ARROW)(100MIL) DOLLARS and CENTS	EA	9.000	19
	666	2096	001	REFL PAV MRK TY I (W) (WORD) (100MIL) DOLLARS and CENTS	EA	6.000	20

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	672	2017	034	REFL PAV MRKR TY II-C-R  DOLLARS and CENTS	EA	675.000	21
1	3127	2001		TBPFC (MEMBRANE)  DOLLARS and CENTS	GAL	20,573.000	22
1	3127	2002		TBPFC (ASPHALT)(PG 76-22)  DOLLARS and CENTS	TON	269.000	23
1	3127	2003		TBPFC (AGGREGATE)(SAC-A)  DOLLARS and CENTS	TON	4,241.000	24
	6834	2001		PORTABLE CHANGEABLE MESSAGE SIGN  DOLLARS and CENTS	DAY	60.000	25
	8251	2009	005	RE PM W/RET REQ TY I(W)6"(BRK)(100MIL)  DOLLARS and CENTS	LF	1.000	26
	8251	2012	005	RE PM W/RET REQ TY I(W)6"(SLD)(100MIL)  DOLLARS and CENTS	LF	1.000	27
	8251	2024	005	RE PM W/RET REQ TY I(Y)6"(SLD)(100MIL)  DOLLARS and CENTS	LF	1.000	28
				ALTERNATE NO. 1A  DOLLARS and CENTS			
	316	2223		AGGR(TY-PB GR-4 SAC-B)  DOLLARS and CENTS	CY	576.000	29
	316	2542		ASPH(AC-15P OR AC-20-5TR OR AC-20XP)  DOLLARS and CENTS	GAL	18,990.000	30

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	342	2002		PFC (ASPHALT) PG76-22  DOLLARS and CENTS	TON	269.000	31
	342	2006		PFC (AGGREGATE)(PG76 MIX) SAC-A  DOLLARS and CENTS	TON	4,241.000	32

**County:** Bexar

**Control:** 6222-98-001

**Highway:** IH 35

**General Notes**

**Basis of Estimate**

===== **Hot Mix Inlay** =====

Type	Material	Rate / Area	Quantity
TBPFC	Aggregate (94%)	134 lbs / 63,300 sy	4241 tons
	Asphalt (6%)	8.5 lbs/ 63,300 sy	269 tons
	Membrane	.325 gal/ 63,300 sy	20,573 gallons

**(Alternate)**

===== **One Course Surface Treatment** =====

Type	Material	Rate / Area	Quantity
AC-15P or AC-20-5TR or AC-20XP	Asphalt	0.3 gal / sy	18,990 gal
PB GR-4	Aggregate	110 sy / cy	576 cy

**TxDOT Project Supervisor** – The project will be managed by:

Michael R. Acosta, P.E.  
9320 SE Loop 410  
San Antonio, TX 78223  
Phone: 210-633-1424

This project consists of planing, permeable friction course inlay, removal and replacement of header type bridge expansion joints, and pavement markings on IH 35 in Bexar County. Work on IH 35 is located between Walzem Road and Weidner Road on the southbound main lanes.

Each contract awarded by the Department stands on its own and as such, is separate from other contracts. A contractor awarded multiple contracts, must be capable and sufficiently staffed to concurrently process any or all contracts at the same time.

Notify the Engineer's office by telephone each morning by 8:15 a.m. that work is scheduled, with work location and time of arrival or reason for not working that day.

**Item 2 “Instructions to Bidders”**

This project includes plan sheets that are not part of the bid proposal.

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View plans on-line or download from the web at:

<http://www.dot.state.tx.us/business/plansonline/plansonline.htm>.

Order plans from any of the plan reproduction companies shown on the web at:

<http://www.dot.state.tx.us/gsd/plans/companies.htm> .

### **Item 5 “Control of Work”**

Reference all existing striping and other pavement markings to allow these markings to be re-established. Ensure the markings (lane lines, edge lines, ramp gores, etc.) are in line with signs, TMS arrows, etc. located on overhead sign supports.

Contact TxDOT @ 210-615-5975 or City of San Antonio Signal Operations Office @ 210-207-7965, when construction operations are within 400 feet of signalized intersection to determine/verify the location of loop detectors, conduit, ground boxes, etc. Signal equipment damaged by the Contractor will be repaired or replaced by the Contractor at their expense by a pre-approved method.

Contact TxDOT Trans-guide Maintenance at 210-731-5109 to determine/verify the location of loop detectors, conduit, ground boxes, etc. Any ITS equipment damaged by the Contractor will be repaired or replaced by the Contractor at their expense by a pre-approved method.

### **Item 6 “Control of Materials”**

Remove materials or debris within the construction limits not incorporated in the finished roadway section of right of way and dispose of in a manner acceptable to the Engineer at the expense of the Contractor.

Materials that are not determined to be salvageable by the Engineer become the property of the Contractor for proper disposal at their expense.

If waste areas or material source areas result from this project, the Contractor is reminded to follow the requirements of the Texas Aggregate Quarry and Pit Safety Act. In addition, it is requested that these areas not be visible from any highway on the State system.

### **Item 7 “Legal Relations and Responsibilities”**

The total disturbed areas within the project is anticipated at less than one (1) acre, therefore it is classified as “surface work” consisting of re-surfacing an existing roadway without shoulder-up disturbances. Due to this type of construction, the project qualifies for exclusion under the Construction General Permit (CGP) issued by the Texas Commission on Environmental Quality (TCEQ) on March 5, 2003. However; should the sum of the Engineer’s anticipated disturbances and the Contractor’s (On ROW and off ROW) PSL’s equal or exceed the one (1) acre threshold; both TxDOT and the Contractor have project responsibilities under the CGP that reverts to non-

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exclusion status. Obtain approval for all non-depicted areas of disturbance that increases the initial soil and vegetation disturbed area estimates before work starts at these locations.

Notify the Engineer of the disturbed acreage within one (1) mile of the project limits. Obtain authorization from the TCEQ for Contractor PSL's for construction support activities on or off ROW.

### **Item 8 "Prosecution and Progress"**

Between April 1st and October 31st the Texas Commission on Environmental Quality (TCEQ), is monitoring weather conditions on a daily basis in the San Antonio area to forecast the probability of ozone formation. In the event weather conditions indicate that excessive ozone may occur, the National Weather Service working with the TCEQ will issue an Air Quality Health Alert Day for the following day. TCEQ estimates that approximately 25 Air Quality Health Alert Days might be issued during the ozone formation season.

On Air Quality Health Alert Days, lane closures and the use of small gasoline engines will not be allowed until after 12 noon on all highways inside Loop 1604. The State will notify the Contractor by 4:00 p.m. of the day before the Air Quality Health Alert Day to inform them of the restrictions for the following day and to request their assistance in reducing any other operations that may contribute to an increase in the ozone readings. If these restrictions affect the critical items of work previously scheduled by the Contractor, a working day will not be charged. Time charges on these days will be as determined by the Engineer for each day.

Working days will be computed and charged in accordance with Article 8.3.A.6, Other. Working days will be charged Sunday at 10:00 pm thru Friday at 5:30 am, excluding national holidays, regardless of weather conditions or material availability. Work must be done at night. Working hours will be 10:00 PM through 5:30 AM unless otherwise shown on plans or approved by the engineer.

### **Item 9 "Measurement and Payment" (Police Officers – Force Account)**

As directed or approved, provide uniformed, off-duty law enforcement officers with marked vehicles during work that requires a lane closure. The use and number of police officers with marked vehicles shall be approved by TxDOT at least 48 hours prior to any work day that the use of police officers is proposed for traffic control. No payment shall be made for any unauthorized police officers utilized that do not have prior TxDOT approval. The officer(s) in marked vehicle(s) shall be located as approved to monitor or direct traffic during the closure. The method used to direct traffic at signalized intersections shall be as approved.

Complete the weekly tracking form provided by the department and submit invoices that agree with the tracking form for payment at the end of each month approved services were provided. For reimbursement, the invoice must show the officer's name and badge number, or other form of identification acceptable to the Engineer, and date the police officer was utilized. The

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department will pay police officers only for the hours actually worked. Cancellation fees, minimums, scheduling fees, etc. will not be paid.

**Item 300 “Asphalts, Oils, and Emulsions”**

The asphalt binder used in the manufacture of the TBPFC surface layer shall be PG 76-22.

**Minimum Roadway Placement Temperature**

**--Item 340, 342, 344, 346 & 3127—**

Place mixture when the roadway surface temperature is equal to or higher than listed in Table 1 unless otherwise approved or shown on the plans. Measure the roadway surface temperature with a handheld infrared thermometer. Placement may be allowed to begin prior to the roadway surface reaching the required temperature if conditions are such that the roadway surface will reach the required temperature within 2 hours of beginning placement operations. Place mixtures only when weather and moisture conditions of the roadway surface are suitable in the opinion of the Engineer.

Table 1  
Minimum Pavement Surface Temperatures

Minimum Pavement Surface Temperatures in Degrees Fahrenheit *			
Specification Item Number	High Temperature Binder Grade	Subsurface Layers or Night Paving Operations	Surface Layers Placed in Daylight Operations
Items 340 & 344	PG 64	45	50
	PG 70	55	60
	PG 76	60	60
Items 342 & 346 and SS 3127	PG 76	65	70
	Asphalt Rubber (A-R)	65	70

\* Except for PG 64, may pave at temperatures 10° F lower than the values shown in Table 1 when utilizing a paving process or equipment that eliminates thermal segregation. In these cases, use either an infrared bar attached to the paver, or a hand held thermal camera, or a hand held infrared thermometer operated in accordance with Test Method 244-F to demonstrate that the uncompacted mat has no more than 10° F of thermal segregation.

**Item 354 “Planing and Texturing Pavement”**

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Contractor will retain planed material.

**Item 454 “Header Type Expansion Joint”**

This item shall be measured and paid for by the cubic foot.

**Item 502 “Barricades, Signs, and Traffic Handling”**

Furnish and install all signs, barricades and other incidentals necessary for proper traffic control, in accordance with part VI of the “Texas Manual on Uniform Traffic Control Devices for Streets and Highways” and in accordance with the standard plan sheets. Additional devices may be needed to supplement these requirements. All warning signs shall be factory made and in satisfactory condition.

When a Traffic Control Plan (TCP) standard requires the use of one of the following devices, a Type III barricade, channelizing devices or shadow vehicle with orange flags or warning lights, use a shadow vehicle equipped with a Truck Mounted Attenuator (TMA).

Any lane closures will require prior approval. Request approval 48 hours in advance of lane closures. If a lane closure has to be cancelled due to weather or other unforeseen circumstances, immediately notify the inspector and reschedule the lane closure as necessary.

For complete closure of an entrance or exit ramp, detour signing must be provided.

In addition to providing a Contractor’s Responsible Person (CRP) and a phone number for emergency contact, have an employee(s) available to respond on the project for emergencies and for taking corrective measures within 30 minutes.

Arrowboards are required. Provide a standby unit in good working condition at the jobsite ready for immediate use.

**Item 506 “Temporary Erosion, Sedimentation, and Environmental Controls”**

Should erosion control devices become necessary for the project, the SW3P must consist of temporary sediment control fence as directed.

**Item 585 “Ride Quality for Pavement Surfaces”**

Use Surface Test Type A, 10 foot straightedge, to evaluate the ride quality of the travel lanes.

**Item 662 “Work Zone Pavement Markings”**

TY II pavement markings (paint and beads) will be used as work zone pavement markings in accordance with DMS-8200 (traffic paint) and DMS-8290 (glass traffic beads).

**Project Number:** RMC 6222-98-001

**Sheet**

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**Highway:** IH 35

**Item 666 & 8251 “Reflectorized Pavement Markings”**

TY I material will be TY B-Alkyd in accordance with DMS-8220.

After the surface has cured for five (5) calendar days, been cleaned and prepared according to the specifications and as directed, apply thermoplastic markings in accordance with this item, the plans, Texas MUTCD and/or as directed/approved. The thermoplastic (Type I) markings may be applied directly over existing painted pavement markings where applicable.

The thickness of TY I markings for all lines (lane, edge, no passing, etc.) shall be 0.10 inches (100 mils). These thicknesses (not including the thickness of the surface applied glass beads) are required for the full width and length of the line being placed.

6” pavement markings will be used on the main lanes of IH 35 and IH 410.

**Item 672 “Raised Pavement Markers”**

Place all adhesive material directly from the heated dispenser to the pavement. Do not use portable or non-heated containers. Use adhesive of sufficient thickness so that when the marker is pressed into the adhesive, 1/8” or more adhesive will remain under 100% of the marker. The adhesive should extend not less than 1/2” but not more than 1 1/2” beyond the perimeter of the marker.