

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 4/01/2016

Control	6299-37-001
Project	RMC - 629937001
Highway	IH0035
County	BEXAR

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 - 629937001

CONTROL: 6299-37-001

COUNTY: BEXAR

LETTING: 04/06/2016

REFERENCE NO: 0401

PROPOSAL ADDENDUMS

PROPOSAL COVER

BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: SHEETS A-H

SPEC LIST (SH. NO.:

SPECIAL PROVISIONS:

ADDED:

DELETED:

SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

OTHER:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

REVISIONS TO GENERAL NOTES.

REVISIONS TO PLAN SHEETS 2 & 5A.

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Highway: Various

General Notes

Basis of Estimate

=====Hot Mix Asphalt Pavement=====			
Material	Location	Rate / Area	Quantity
Type D	Mill & Inlay	165 lbs /259,066 sy	21,373 tons
Type C	Base Repair Surface	220 lbs /38,146 sy	4,196 tons
Type B or C	Base Repair	880 lbs / 53,344 sy	23,471 tons*

* For Contractor's information only

=====Surface Treatment Data=====	
Area = 259,066 sy	
Asphalt Type	CHFRS-2P OR CRS-2P
Asphalt – Rate (gal / sy)	0.42 / 1 = 108,808 gal
Aggregate – Type	Type B, Grade 4
Aggregate – Rate (cy / sy)	1 / 110= 2,355 cy

TxDOT Project Supervisor – The project will be managed by:

Eddie Reyes, P.E.
 9320 SE Loop 410
 San Antonio, TX 78223
 Phone: 210-633-1424

This project consists of site specific and non-site specific flexible pavement structure repair, planing, seal coat and hot mix inlay/overlay on various highways in Bexar, Bandera, Comal, Guadalupe, Kendall and Kerr counties. The majority of this work will be at specific locations listed the project plans. There will also be a portion of the work that will be done at locations not listed in the project plans.

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 representative by telephone each morning by 7:30 a.m. that work is scheduled, with work location and time of arrival or reason for not working that day.

Provide and maintain a dedicated e-mail address for receipt of work orders and correspondence throughout the term of this contract. Respond to any correspondence within 24 hours to confirm receipt.

The location of work areas for the non-site specific work cannot be predetermined and work may occur anywhere within the limits of this contract as shown on the plans.

All work on this contract will be issued by work order. A work order will consist of site specific and/or non-site specific work. Work orders may include multiple roadways within each county. "Mobilization (Call Out) Each" will be paid per work order issued.

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A work order will include the location of each repair, the bid items for the repairs and the approximate quantity of work to be performed. Callout work orders will be issued based on priority need. Time charges on each callout work order will be listed and work shall begin 7 calendar days from the callout work order date.

Once work has started, continuously prosecute the work until all work on each work order is satisfactorily completed. Liquidated Damages will be assessed for any day charged beyond the authorized time on each work order.

Site specific and non-site specific work locations may include small work quantities at freeway interchanges, multilane intersections, bridge approaches and departures, etc. There is no specific limit (either maximum or minimum) for quantities on a given work order.

Contractor shall submit a work schedule for approval prior to beginning work.

Item 2 “Instructions to Bidders”

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

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”

Contact TxDOT Transguide Maintenance at 210-731-5131 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.

Contact TxDOT @ 210-615-5975 or City of San Antonio Signal Operations Office @ 210-207-7720, when construction operations are within 400 feet of a 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.

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.

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

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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-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. TxDOT 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 8.3.1.5. Calendar Day.

The Lane Closure Assessment Fees are shown in the plans on the Lane Closures and Assessment Fee Table sheet. The fees apply to the Contractor for closures or obstructions that overlap into restricted hours for each hour or portion thereof, per lane, regardless of the length of the lane closure or obstruction. Unless otherwise shown in the plans, directed or approved, no lane closures will be allowed outside the allowable hours listed in the Lane Closure Assessment Fee Table.

Allowable hours for the closures of freeway ramps and direct connectors shall be as approved by the Engineer. For complete closure of a ramp or direct connector, detour signing must be provided as directed or approved.

Work will not be permitted on holiday weekends and during other major events that TxDOT determines will cause significant traffic congestion, unless otherwise approved.

For pavement repair, remove only the amount of pavement that can be replaced within the same work day.

Before opening highway lanes to traffic, each repair location shall provide a stable driving surface flush with the adjacent pavement.

Item 9 "Measurement and Payment"

When approved, provide uniformed, off-duty law enforcement officers with marked vehicles during work that requires a lane closure. The officer in marked vehicles shall be located as approved to monitor or direct traffic

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during the closure. The method used to direct traffic at signalized intersections shall be as approved. Additional officers and vehicles may be provided when approved or directed.

Complete the daily 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.

Show proof of certification by the Texas Commission on Law Enforcement Standards.

All law enforcement personnel used in Work Zone Traffic Control shall be trained for performing duties in work zones and are required to take "Safe and Effective Use of Law Enforcement Personnel in Work Zones" (Course #133119) which can be found online at the following site: www.nhi.fhwa.dot.gov

Certificates of completion should be available to all who finish the course. These should be kept by the officers in order to substantiate completion when reporting to the work site.

Minimums, scheduling fees, etc. will not be paid; TxDOT will consider paying cancellation fees on a case by case basis.

Safety Allowance

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible Person based on weekly or more frequent traffic management reviews of the project. The Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

Item 300 "Asphalts, Oils, and Emulsions"

The asphalt binder used in the manufacture of all other types of hot mix asphalt concrete shall be PG 70-22.

Item 302 "Aggregates for Surface Treatments"

Previously tested aggregates found to contain excessive quantities of dust (more than 0.5 percent passing the No. 40 sieve) during precoating, stockpiling or hauling operations, may be rejected. Use Test Method Tex-200-F, Part I for testing.

Precoated Aggregate Type PE shall consist of crushed slag, crushed stone or natural limestone rock asphalt.

The Engineer will utilize the Ignition Oven Method (Tex 236-F) for aggregate gradation, with the option of utilizing belt or vacuum extraction gradation in the event the ignition oven malfunctions.

When using latex asphalt, avoid drifting of asphalt onto traffic and adjacent properties.

Ensure that the asphalt for precoating the aggregate and the asphalt used for the surface treatment will not result in a reaction that may adversely affect the bonding of the aggregate and asphalt during the surface treatment operation.

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Do not add bag house fines in the production of precoated material.

Clean all concrete curbs, islands, medians, etc. that get coated with asphalt.

--Item 340, 341, 342, 344, 346, 347, & 348—

Table 10, in Item 340, Table 10 in Item 341 and Table 11 in Item 344, Hamburg Wheel Test Requirements tested in accordance with Tex-242-F are changed for PG 64-22 or lower and PG 70-22. Minimum number of passes at 1/2" Rut Depth, Tested at 122 degrees F will be 5,000 and 10,000 respectively.

Design all mixture types using a target laboratory-molded density of 96.5%, when the Texas Gyrator Compactor is utilized. Increase the target laboratory-molded density to 97.0% or 97.5% at the Contractor's discretion. When utilizing SGC, design all mixture types at 50 gyrations (N-Design) and a target laboratory-molded density of 96.0%, but may be reduced to no less than 35 gyrations at the Contractor's discretion.

The asphalt plant shall have truck scales as defined in Item 520. Give three weight tickets bearing the date, the truck number, the gross, net & tare weights to the truck driver for the State inspector at the spreading and finishing operation. Trucks may be required to weigh on public scales or portable platform scales to verify the weight of the ticket.

Submit a copy of the Tex 233-F production charts on a weekly basis. At the end of the ACP work, provide all originals.

Crushing of aggregate for hot mix and immediate use for production of the mix is not allowed. Stockpile the aggregate until enough material is available for five days of production unless prior approval is provided. Hold a pre-placement meeting one month prior to the placement of the hot mix.

The main purpose of hot mix cores taken by the State are for payment calculations. If (for quality control purposes) the core information is needed sooner, take additional cores.

Do not use diesel or solvents as asphalt release agents in production, transportation, or construction. A list of approved asphalt release agents is available from the District Laboratory.

No more than one hot mix lot will be open for any specific type of hot mix, unless authorized. After a lot is open and the Contractor gets approval to change plants, the previous lot will be closed and a new lot will be opened. The numbering for the lots produced at the new plant will start with No. 1. If allowed to switch back to the original or previous plant, the next lot from that plant will resume numbering sequentially from the last lot produced by that plant.

Schedule lay-down placement where uneven travel lanes are minimized and eliminated weekly.

If asphalt material is obtained from other than a commercial source presently inspected by TxDOT, furnish a Type D structure for the asphalt mix control laboratory for the Engineer's use. Provide a minimum height of 8 feet and a minimum of 400 square feet of gross floor area for permanently located asphalt plants or 200 square feet for a temporary plant. The floor area will be partitioned into a minimum of two rooms, with a minimum of two windows per room. The floor shall have an impervious cover and sufficient strength to support the testing equipment. Portable structures shall be support blocked for stability and shall be tied down.

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The use of Recycled Asphalt Shingles (RAS) will not be allowed on the final riding surface.

When placing item 346 mixtures, utilize a material transfer vehicle as defined in the plans for item 320.

**Minimum Roadway Placement Temperature
--Item 340, 341, & 344--**

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 hand-held thermal camera or 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 hrs. of beginning placement operations. Place mixtures only when weather and moisture conditions of the roadway surface are suitable in the opinion of the Engineer. The Engineer may restrict the Contractor from paving if the ambient temperature is likely to drop below 32°F within 12 hr. of paving.

Table 1
Minimum Pavement Surface Temperatures

Specification Item Number	High Temperature Binder Grade	Minimum Pavement Surface Temperatures in Degrees Fahrenheit *	
		Subsurface Layers or Night Paving Operations	Surface Layers Placed in Daylight Operations
340, 341, & 344	PG 64	45	50
	PG 70	55	60
	PG 76	60	60

* Except for PG 64, may pave at temperatures 10° F lower than the values shown in Table 1 when utilizing a Material Transfer Vehicle that is capable of providing a remixing, and continuous flow of material from the haul truck to the paver, such as a Roadtec SM-2500e/ex, that eliminates thermal segregation. In these cases, use either an infrared bar attached to the paver, or a hand held thermal camera or infrared thermometer, or a hand held infrared thermometer operated in accordance with Text Method 244-F to demonstrate that the uncompacted mat has no more than 10° F of thermal segregation.

Item 351 “Flexible Pavement Structure Repair”

It is the intent of this contract to use typical section 2 (Type C HMA only) for repairs for all counties listed except for Bexar County. Typical section 2 or 3 (Type C or Type B HMA) may be used for repairs in Bexar County unless otherwise directed by the Engineer.

Maximum lift thickness for compaction of all base courses will not exceed 4 inches.

Exercise caution during repair of existing pavement structure operations to avoid damage to shallow cross drainage structures.

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All pavement repair areas excavated during a given work day must be completed through the placement of the surface mix and returned to traffic within that same work day.

Item 354 “Planing and Texturing Pavement”

All planed material will become the property of the contractor.

Take precaution to avoid damage to existing bridge decks and armor joints. Repair any damage to the bridge decks and/or armor joints as approved.

A vacuum truck must be used to pick up loose debris after planing. Sweeping of loose material onto adjacent lanes is not allowed.

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. Limit lane closures to a maximum length of one (1) mile. At least 3 days prior to the work, submit for approval a work plan including proposed traffic control, schedule of work and other details. 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.

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

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 2 hours.

After written notification, the time frame to provide properly maintained signs and barricades before considered in non-compliance is 48 hours from receipt of the notification.

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 662 “Work Zone Pavement Markings”

Type 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 6299-37-001

Sheet H

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Item 666 “Reflectorized Pavement Markings”

If TY II material is used (vs. an acrylic or epoxy) as the sealer for the TY I markings, place the TY II a minimum of 14 calendar days (to provide adequate curing) before placing the TY I markings.