

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 10/05/2004**

|                |                        |
|----------------|------------------------|
| <b>Control</b> | <b>6118-74-001</b>     |
| <b>Project</b> | <b>RMC - 611874001</b> |
| <b>Highway</b> | <b>US0059</b>          |
| <b>County</b>  | <b>HARRIS</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 by entering the date, which appears at the top of this letter on the Addendum Acknowledgement Form, contained in your bid proposal.

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 - 611874001

CONTROL: 6118-74-001

COUNTY: HARRIS

LETTING: 10/12/2004

REFERENCE NO: 1005

**PROPOSAL ADDENDUMS**

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- PROPOSAL COVER
- BID INSERTS (SH. NO.:
- X GENERAL NOTES (SH. NO.: REVISED SHEET D & E OF THE GEN. NOTES: )  
REMOVED REF. TO LANE ASSESSMENT FEE FROM LANE CLOSURE TIME SCHEDULE. )
- SPEC LIST (SH. NO.:
- SPECIAL PROVISIONS: )  
ADDED:

DELETED:

- SPECIAL SPECIFICATIONS:  
ADDED:

DELETED:

- X OTHER: PLAN SHEETS 2A AND 2B WERE REVISED

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

**Project Number:** RMC 611874001

**Sheet**

**County:** HARRIS

**Control:** 6118-74-001

**Highway:** US 59, etc.

**GENERAL NOTES:**

Supervision:

Plans are required. Refer questions:

Douglas G. Stephens, P.E.  
North Harris Area Engineer's Office  
16803 Eastex Freeway  
Humble, Texas 77347  
(281) 319-6400

All work will be scheduled and directed by, and request for payment addressed to:

Bobbie Bridges  
Area Maintenance Supervisor  
16803 Eastex Freeway  
Humble, Texas 77347  
(281) 319-6400

This is a Non-Site-Specific contract.

Perform work on as needed basis where directed.

Work orders will be issued for no less than \$1000.00.

Do not mix materials, or repair equipment, on top of concrete pavement or bridge decks unless authorized.

Personal vehicles of employees must not be parked within the right of way, including all sections closed to public traffic. Employees may park on the right of way at the equipment and materials storage yard sites.

Commence work after sunrise. Ensure construction equipment is off the road by sunset.

Control the dust caused by the construction operations. The base material in preparation for laying asphalt and the finished concrete pavement, use one of the following or equal:

**Tricycle Type**  
Wayne Series 900  
Elgin White Wing  
Elgin Pelican

**Truck Type - 4 Wheel**  
M-B Cruiser II  
Wayne Model 945  
Mobile TE-3  
Mobile TE-4  
Murphy 4042

**County:** HARRIS

**Control:** 6118-74-001

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**Item 292: Asphalt Treatment (Plant-Mixed)**

Before using the RAP from other sources, use the RAP salvaged from within the project limits to the maximum extent possible in the production of the cement treatment, lime treatment, asphalt treatment, or level-up.

Synthetic aggregate shall not be used.

Compact the courses to a minimum density of 95 percent of the maximum density as determined using test method TEX-126-E.

Meet the following grading requirements:

| Sieve (Size) | Percent Passing       |                       |
|--------------|-----------------------|-----------------------|
|              | Grade 4 (Bondbreaker) | Grade 4A (Var. Depth) |
| 1-3/4"       | -                     | 100                   |
| 1"           | -                     | 90 - 98               |
| 1/2"         | 100                   | -                     |
| No. 4        | 30 - 70               | 25 - 60               |
| No. 40       | 15 - 45               | 15 - 40               |

Physical requirements are as follows:

- Maximum Plasticity Index (PI) = 8
- Maximum Liquid Limit (LL) = 35
- Maximum Wet Ball Mill = 50 (crushed stone)
- Maximum LA Abrasion = 50 (iron ore)

If blending the materials, perform the Wet Ball Mill test for the composite aggregate.

Form the asphalt material from 3.5 to 7 percent of the mixture by weight.

If using the iron ore topsoil as the primary aggregate, meaning 80 percent or more by weight of the total mixture, the requirements for the water susceptibility test are waived.

Mixtures containing the iron ore topsoil are exempted from test methods TEX-217-F (Part I, separation of deleterious material and Part II, decantation test for coarse aggregate) and TEX-203-F (Sand Equivalent Test).

Assume responsibility for proportioning the materials entering the asphalt mixture, regardless of the type of plant used.

Furnish the mix designs for approval.

**County:** HARRIS

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**Highway:** US 59, etc.

**Item 340: Dense-Graded Hot Mix Asphalt (Method)**

When aggregates are blended to increase aggregate classification, the higher classification aggregate must be equal or have greater resistance to loss by abrasion than the lower classification aggregate when tested by test method TEX-438-A Part III.

The stockpile will be the point of sampling of coarse aggregate for test method TEX-217-F (Part II, decantation).

Place the asphalt concrete pavement in courses as shown on the typical sections.

Provide mixtures that have a minimum of 40-percent stability.

Do not use petroleum-based solvents in the beds of hot mix asphalt delivery vehicles.

RAP materials salvaged from within this project (or other approved state projects) may be used to compose up to 10 percent of the surface course. RAP stockpiles intended for this use must be approved by the Area Engineer prior to their use.

**Item 351: Flexible Pavement Structure Repair**

Provide one crew seven (7) days a week for duration of the contract. Begin emergency repairs within 4 hours of notification.

Schedule operations such that all scheduled repairs are completed by the end of each workday.

Repairs on FM 1960 and FM 2920 may consist of a fabric underseal.

Tack coat shall be Emulsified Asphalt SS-1, meeting the requirements of Item 300, "Asphalt, Oils and Emulsions".

The binder type for hot mix shall be (PG 64-22). \*

\*Pending availability, the Area Engineer may accept other mix designs.

Provide all mix designs for approval before work commences.

Provide surface course Type D in compliance with Item 340, "Dense-Graded Hot Mix Asphalt (Method)". Aggregate gradations shall conform to the limits of the Master Grading table.

Stockpile all salvaged asphaltic concrete pavement and asphaltic stabilized base at the nearest location directed.

**Item 502: Barricades, Signs and Traffic Handling**

Striping, if used on the back panel of TMA's, shall be 8-inch red and white stripes placed in an inverted "V" design. Sheeting shall conform to departmental material Specification DMS-8300, Type "C".

**County:** HARRIS

**Control:** 6118-74-001

**Highway:** US 59, etc.

Use one, high intensity, yellow, rotating dome light on all equipment such as distributors, spreader boxes, lay-down machines, rollers, backhoes, road graders, loaders, etc. Mount these lights high enough to be visible from all directions and use when the equipment is within 30 feet of the travel way. Equip and use emergency flashers on trucks, trailers, autos, etc., while within the section of work.

Place the static message boards as shown on the plans a minimum of 7 days before major traffic pattern changes.

Furnish the static message boards shown on the traffic control plan or those necessary for major traffic pattern changes. The static message board is subsidiary to the various bid items.

Operations maybe curtailed or halted out of consideration of traffic expected to and from public gatherings that may result in undue traffic congestion and delays to the traveling public.

The following agencies are approved to train and certify flaggers:

Texas Engineering Extension Service (TEEX)  
800-824-7303 or 979-458-6761

And

American Traffic Safety Services Association (ATSSA)  
972-642-9000 or 800-339-1943

Use shadow vehicles with Truck Mounted Attenuators (TMA) for lane closures during construction. Do not reduce the existing number of lanes open to traffic except as shown on the following time schedule:

**One Lane Closure**

| <b>Day</b> | <b>Daytime Closure Hours</b> | <b>Nighttime Closure Hours</b> | <b>Restricted Hours</b>                |
|------------|------------------------------|--------------------------------|--|
| Monday     | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Tuesday    | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Wednesday  | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Thursday   | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Friday     | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Saturday   | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |

| <b>Day</b> | <b>Daytime Closure Hours</b> | <b>Nighttime Closure Hours</b> | <b>Restricted Hours</b>                |
|------------|------------------------------|--------------------------------|--|
| Sunday     | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |

**Two Lane Closure**

| <b>Day</b> | <b>Daytime Closure Hours</b> | <b>Nighttime Closure Hours</b> | <b>Restricted Hours</b>                |
|------------|------------------------------|--------------------------------|--|
| Monday     | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Tuesday    | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Wednesday  | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Thursday   | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Friday     | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Saturday   | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |
| Sunday     | 9:00 AM - 3:00 PM            | 7:00 PM - 5:00 AM              | 5:00 AM - 9:00 AM<br>3:00 PM - 7:00 PM |

**Full Closure (Roadway / Ramps / Direct Connector)**

| <b>Day</b> | <b>Daytime Closure Hours</b> | <b>Nighttime Closure Hours</b> | <b>Restricted Hours</b>                        |
|------------|------------------------------|--------------------------------|--|
| Monday     | None                         | 7:00 P.M. - 5:00 A.M.          | 5:00 A.M. - 9:00 A.M.<br>3:00 P.M. - 7:00 P.M. |
| Tuesday    | None                         | 7:00 P.M. - 5:00 A.M.          | 5:00 A.M. - 9:00 A.M.<br>3:00 P.M. - 7:00 P.M. |
| Wednesday  | None                         | 7:00 P.M. - 5:00 A.M.          | 5:00 A.M. - 9:00 A.M.<br>3:00 P.M. - 7:00 P.M. |
| Thursday   | None                         | 7:00 P.M. - 5:00 A.M.          | 5:00 A.M. - 9:00 A.M.<br>3:00 P.M. - 7:00 P.M. |
| Friday     | None                         | 7:00 P.M. - 5:00 A.M.          | 5:00 A.M. - 9:00 A.M.<br>3:00 P.M. - 7:00 P.M. |
| Saturday   | None                         | 7:00 P.M. - 5:00 A.M.          | 5:00 A.M. - 9:00 A.M.<br>3:00 P.M. - 7:00 P.M. |
| Sunday     | None                         | 7:00 P.M. - 5:00 A.M.          | 5:00 A.M. - 9:00 A.M.<br>3:00 P.M. - 7:00 P.M. |

The above times are approved for the traffic control conditions listed.  
If traffic counts other closure time may be approved.

Provide full-time, off-duty uniformed certified peace officers in officially marked vehicles, as part of traffic control operations. The peace officers must be able to show proof of certification by the Texas Commission on Law Enforcement Officers Standards. The cost of the officers is paid for on a force account basis.

Provide portable changeable message signs as shown on the Traffic Control Plan under Special Specification 6002(04), "Portable Changeable Message Signs". The changeable message signs are subsidiary to the various bid items.

**Item 668: Prefabricated Pavement Markings**

Use Type III glass beads for thermoplastic pavement markings.

Use a thickness of 0.100 inches (100 mil) for all thermoplastic pavement markings, measured to the top of the thermoplastic, not including the exposed glass beads.

Place pavement markings in accordance with details shown on the plans, or the latest "Texas Manual on Uniform Traffic Control Devices for Streets and Highways" manual, or as directed.

**Basis of Estimate**

| <b>Item</b> | <b>Description</b>  | <b>Limit and/or Rate</b>                       | <b>Unit</b> |
|-------------|---|--|-------------|
| 340*        | Hot Mix Asphaltic Concrete Pavement <ul style="list-style-type: none"> <li>• Asphalt (surface)</li> <li>• Aggregate (TY D) (surface)</li> </ul> | 110 lb./sy-in<br>6% by weight<br>94% by weight | TON         |
| 345*        | Asphalt Stabilized Base (plant mix) <ul style="list-style-type: none"> <li>• Asphalt (ac)</li> <li>• Aggregate (Gr. 4)</li> </ul>               | 110 lb./sy-in<br>5% by weight<br>95% by weight | TON         |

\* For Contractor's information only