

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 5/29/2015**

<b>Control</b>	<b>0350-01-017, ETC.</b>
<b>Project</b>	<b>STP 1502(241)HES, ETC.</b>
<b>Highway</b>	<b>SH 239, ETC.</b>
<b>County</b>	<b>REFUGIO, ETC.</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: STP 1502(241)HES

CONTROL: 0350-01-017

COUNTY: REFUGIO

LETTING: 06/03/2015

REFERENCE NO: 0529

**PROPOSAL ADDENDUMS**

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PROPOSAL COVER

BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: H (PLAN SHEET 5C) I (PLAN SHEET 5D)

SPEC LIST (SH. NO.:

SPECIAL PROVISIONS:

ADDED:

DELETED:

SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEET 5C & 5D

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES H & I (PLAN SHEETS 5C & 5D): MODIFIED NOTES TO ITEM 341.

**Project Number:** STP 1502(241)HES, etc.

**Sheet A**

**County:** Refugio, Etc

**Control:** 0350-01-017, etc.

**Highway:** SH 239, etc.

### **General Notes**

Find, for your information and convenience, tools such as forms, software, materials, and various other information provided by the Department at <http://www.txdot.gov/business.html>. Please note that these tools are updated periodically and your attention is directed to the latest edition.

In the event of a called evacuation, emergencies, impending adverse weather or as directed, do not perform any work without written authorization. The District reserves the right to suspend all work in support of evacuations or emergencies occurring from other parts of the state. Any work performed, other than work directed by the Department, is unauthorized work in accordance with Item 5.

Sweep, clean and remove any construction waste, surplus materials or debris from the roadway and right of way at the end of each day unless otherwise approved. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

The contractor shall be responsible for any damages that occur to the existing fences, signs or sign posts, curbs or other appurtenances caused by the Contractor's equipment or personnel while performing the work as called for under this contract. Any damages shall be repaired immediately to its original condition or better. The Contractor shall exercise caution whenever working near buried or aerial utility lines.

Asphalt application season will be established in accordance with Item 316.4.4 Adverse Weather Conditions or as directed by the Engineer. The asphalt season for the placement of asphalt surface courses is March 15 to November 15 unless otherwise approved.

Cut existing pavement using a saw or other approved method to ensure a neat transverse and/or longitudinal line to assure a smooth tie-in with new pavement. Cut to a minimum depth of the final lift thickness. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Promptly pick up and properly dispose of paper and other materials used for pavement joints.

General Notes

**Project Number:** STP 1502(241)HES, etc.

**Sheet B**

**County:** Refugio, Etc

**Control:** 0350-01-017, etc.

**Highway:** SH 239, etc.

All pavement markings shall be in accordance with the latest edition of Texas MUTCD.

## **ITEM 2**

It is recommended that prospective bidders examine the specified work locations with the Engineer to view the nature of the work, the need for close coordination with the various utilities, traffic control considerations, and other factors influencing the prosecution of the work.

Submit pre-letting questions, by email only, to [Martin.Horst@txdot.gov](mailto:Martin.Horst@txdot.gov) and [Armando.Bosquez@txdot.gov](mailto:Armando.Bosquez@txdot.gov) that contains "CSJ 0350-01-017 CONTRACTOR QUESTIONS" in the subject line. An electronic file containing pre-letting questions and TxDOT answers will be provided on TxDOT's FTP site.

In addition, an electronic file containing pre-letting questions and answers will be uploaded to the following site that can be downloaded by using the Login Name and Password as follows:

Website Address (to be typed into windows explorer): <ftp://username@ftp.txdot.gov>

Username: SINTON-AO-ro

Password: WOP497

## **ITEM 5**

Verify the locations of utilities, underground or overhead, shown within the limits of the right-of-way. Adhere to OSHA Standards when working within the vicinity of overhead power lines. Coordinate with the utility companies and notify the Engineer of any possible conflicts. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Notify the Engineer immediately of utility conflicts in accordance with Item 5.5 Refer to Item 4.3 for consideration of differing site conditions.

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**Project Number:** STP 1502(241)HES, etc.

**Sheet C**

**County:** Refugio, Etc

**Control:** 0350-01-017, etc.

**Highway:** SH 239, etc.

The responsibility for the construction surveying on this contract will be in accordance with Item 5.9.3, "Method C".

Establish and mark the location of existing standard pavement markings including but not limited to edge lines, transitions, passing and no passing zones, gore areas, etc.

Field verify all dimensions and notify Engineer of any discrepancies prior to initiating any work.

#### **ITEM 6**

Inspection at Precast Concrete Fabrication Plants is as follows: TxDOT's Materials and Pavements Section will inspect any precast units at commercial fabrication yards and staging areas. The Area Engineer will inspect all other precast units.

#### **ITEM 7**

The work performed for Item 7.2.4, "Public Safety and Convenience" will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Consider all materials, labor and incidentals required for traffic across the highway and for ingress and egress to private property in accordance with Item 7.2.4 as incidental to the various bid items.

When working at street, farm-to-market, state highway, and county road intersections, schedule work to minimize intersection closures. During nonworking hours, all public road intersections will be open to the traveling public.

The total disturbed area for this project is 17.6 acres. The disturbed area in this project, all project locations in the Contract, and Contractor project specific locations (PSLs), within 1 mile of the project limits, for the Contract will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. The Contractor is to obtain any required

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**Sheet D**

**County:** Refugio, Etc

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**Highway:** SH 239, etc.

authorization from the TCEQ for any Contractor PSLs for construction support activities on or off ROW. When the total area disturbed for all projects in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer.

Establish uniform perennial vegetative coverage with a density of at least 70% of the native background vegetative cover to achieve final stabilization.

Comply with the Texas Aggregate Quarry and Pit Safety Act for waste areas or material source areas resulting from this project.

#### **ITEM 8**

Prepare the progress schedule using the Critical Path Method (CPM). Submit (2) two 11" x 17" hard copies and an electronic file of the original or updated progress schedule. Submit the original progress schedule seven (7) days before the Preconstruction Conference.

Submit an updated progress schedule as directed to show proposed major changes, changes affecting compliance with the contract requirements, or changes affecting the critical path/controlling item of work.

Working days will be computed and charge in accordance with Article 8.3.1.4, "Standard Workweek".

Nighttime work is allowable.

Notify the Engineer at least 48 hours in advance of weekend or nighttime work.

#### **ITEM 9**

Submit the approved forms to request compensation for material-on-hand (MOH) at least three (3) working days prior to the end of the month. Include any requests from subcontractors, suppliers, or fabricators.

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**Sheet E**

**County:** Refugio, Etc

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**Highway:** SH 239, etc.

### **ITEM 100**

Coordinate all right of way preparation activities with the project's Storm Water Pollution Prevention Plan (SWP3) and Environmental Permit Issues, and Commitments Sheet (EPIC) or as approved.

Prepare the right of way on SH 239 from STA 249+36 to STA 22+95 FM 2040 from STA 0+11 to STA 292+26 and on FM 774 from STA 735+31 to STA 840+91. Remove and dispose of all obstructions shown and not specifically shown in the plans.

Prune trees and shrubs as directed. Use accepted pruning practices in accordance with Item 192 and as defined by the National Arborist Association. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Remove any trees/brush as directed by the Engineer. This will be considered subsidiary to Item 100.

### **ITEM 134**

Use backfill material with a plasticity index (PI) ranging from 15 to 35. Notify the Engineer of the proposed material sources and of changes to material sources. The Engineer may sample and test project materials at any time before compaction throughout the duration of the project to assure specification compliance.

Windrow the existing topsoil and grass along the edge of the grading operations or as directed. After grading operations are completed, spread the topsoil and grass uniformly on all slopes and ditch lines. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Manipulate and compact backfill material in accordance with Item 132.3.4.1, "Ordinary Compaction." The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

General Notes

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**Sheet F**

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Use SS-1 at the rate of 0.06 gallons per square yard after final finishing of the backfill material. Use a mixture of 5% SS-1 and 95% water. The emulsified asphalt mixture will not be measured or paid for directly, but will be subsidiary to pertinent items.

#### **ITEM 247**

The Engineer may accept material during stockpile operations, from completed stockpiles, or windrows. The Engineer will select any of these locations or any combination thereof with the provision that at least one out of ten consecutive samples will be taken at the project site.

For Table 1, "Material Requirements", a minimum plasticity index (PI) of 4 is required.

When requested, stake with blue tops, at 100-foot intervals, the lines and grade shown in the plans.

Prime flexible base by applying a bituminous material at the rates of application shown for Item 310, "Prime Coat".

#### **ITEM 302**

Provide aggregates with a minimum surface aggregate classification (SAC) of "B" unless otherwise shown. The SAC for sources on the Department's Aggregate Quality Monitoring Program (AQMP) is listed in the Department's Bituminous Rated Source Quality Catalogue (BRSQC). SAC requirements apply to aggregates used on all final roadway surfaces, including shoulders.

When using asphalt emulsion, use a precoat material for the aggregates as approved.

Furnish AC-5, AC-10, CRS-2, or HFRS-2 and Type PB Grade 3 or Type PB Grade 3S first course and AC-15P, CRS-2P, or HFRS-2P and Type PB Grade 4 or Type PB Grade 4S aggregate for the second course and seal coat.

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**Sheet G**

**County:** Refugio, Etc

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**Highway:** SH 239, etc.

### **ITEM 310**

Use MC-30 at a rate of 0.30 gallons per square yard or as directed.

Use SS-1 at the rate of 0.15 gallons per square yard per inch or as directed. Use a mixture of 5% SS-1 and 95% water and work the mixture into the top 2 inches of the flexible base surface. The water will not be measured or paid for directly, but will be subsidiary to pertinent Items.

### **ITEM 316**

Clean aggregates showing signs of excessive dust from the stockpile or while handling during construction. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Do not place surface treatment on exposed concrete structures unless directed.

Furnish a distributor equipped with a hand hose in working condition.

Material rates shown are for estimating purposes only. Adjust actual rates based on the material used, the existing condition and type of roadway surface, and as approved. When using asphalt emulsion, a minimum 24-hour curing period is required before placing any subsequent asphalt courses.

Stockpiling of aggregates may begin after the execution of the Authorization to Begin Work or issuance of the work order.

Remove vegetation and blade pavement edges prior to surfacing operations. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Broom and clean sealed sections of roadway and all adjacent paved surfaces, including the gutter line, of any surplus aggregate before opening to traffic or as directed.

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**Sheet H**

**County:** Refugio, Etc

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### **ITEM 341**

The use of RAP or Recycled Asphalt Shingles (RAS) will not be allowed on surface mixtures (HMA TY D).

Provide aggregates with a minimum surface aggregate classification (SAC) of "B" unless otherwise shown. SAC requirements apply to aggregates used on all final roadway surfaces, including shoulders.

Use crushed gravel screenings with or in lieu of stone screenings.

Use a cut-off chute when placing hot-mix asphalt on narrow width locations unless approved.

Construct longitudinal joints with a joint maker providing a maximum one (1) inch vertical edge (1/2 inch desirable) with an adjacent 6:1 taper. Construct the outside edge with a 6:1 taper or backfill within the same day.

Unless otherwise approved by the Engineer, a tack coat will be placed on all lifts in accordance to 344.4.7.2 Tack Coat. Trackless Tack will be used as tack coat. This work will not be paid for directly but will be subsidiary to Item 341.

The Engineer reserves the right to test all sources even if the source is listed in the Bituminous Source Rated Quality Catalog.

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**Sheet I**

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Provide the testing lab samples to calibrate the ignition oven no later than five (5) working days prior to mix design verification.

For tests specified by the Engineer, enter testing data in Department-provided electronic testing template spreadsheets. Submit electronically to the Engineer at the interval directed by the Engineer.

#### **ITEM 351**

Areas of flexible pavement repair shall be field verified before starting. Areas of pavement repair may be modified as necessary to meet field conditions. Limits may also be lengthened or shortened as necessary by the engineer.

This item includes the cement treatment of 8" of existing material with 4% cement.

#### **ITEM 354**

Incorporate the R.A.P. into the HMAC, backfill for pavement edges, or as approved. Any excess R.A.P. will be the property of the contractor.

Perform any necessary tests to ensure RAP is appropriate for use.

#### **ITEM 467**

Place safety end treatments with a uniform slope.

Provide 5/8" x 6" galvanized hooked bolts with 2 hex nuts at a spacing not to exceed 24 inches center to center for metal pipes with riprap sloped headwalls. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

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**Sheet J**

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Reinforce concrete riprap with 4 x 4 – W2.9 x W2.9 welded wire fabric or with No. 3 reinforcing bars spaced at a maximum of 12 inch in each direction.

The work performed for concrete collars will not be measured or paid for directly, but will be subsidiary to pertinent Items.

The use of precast Type II safety end treatments with integrally cast riprap aprons is allowed as approved. All safety end treatments shall include riprap to the dimensions shown on PSET-RR. This riprap shall be subsidiary to Item 467.

Field verify all safety end treatments sizes and locations prior to initiating any work.

#### **ITEM 500**

"Materials on Hand" payments are not considered when determining partial payments.

#### **ITEM 502**

Furnish additional barricades, signs, and traffic handling as directed. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Traffic control for daytime lane closures shall be in accordance with the appropriate standard sheet.

When advanced warning flashing arrow panels are specified, furnish one (1) standby unit in good condition at the job site for immediate use.

The Contractor's Responsible Person (CRP) or his representative(s) shall be located within one hour of traveling time to the project site. The Contractor shall notify the Engineer in writing of the name, physical address, and telephone number of this employee or these employees. The Engineer shall furnish this information to local law enforcement officials.

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**Sheet K**

**County:** Refugio, Etc

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**Highway:** SH 239, etc.

Maintain traffic control devices by taking corrective action as soon as possible. Complete corrective action within 48 hours of written notification regardless of the day of the week involved unless otherwise directed.

Provide a positive means of communication between flaggers unless otherwise approved.

Attach stop/slow paddle to a staff with a minimum length of 6 feet to the bottom of the sign.

The use of a pilot vehicle in conjunction with flaggers will be permitted. If used, provide positive and unrestricted communication between the driver of the pilot vehicle and the flaggers. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

#### **ITEM 504**

No field office will be required for this project.

Provide one (1) Type D Structure (Asphalt Mix Control Laboratory). This laboratory shall be for TxDOT use only and shall be a separate structure from the Contractor's facilities.

Apply for and secure permits necessary for the buildings, and pay all utility meter deposits and service bills. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Provide 2 sets of keys for all facilities.

Provide 2 standard size office desks, 4 office chairs, 2 bookcases, and 2 filing cabinets as approved. Provide solar screens, blinds, or shades.

Provide internet connectivity, a printer/fax/scan/copier, and a telephone.

Provide hot water or a hot water dispenser capable of generating one (1) gallon of water at 140 degrees Fahrenheit with acceptable water pressure.

Provide Safety Equipment as follows:

General Notes

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**Sheet L**

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- (1) ONE EYE WASH STATION
- (2) ONE FIRE EXTINGUISHER
- (3) ONE FIRST AID KIT

Provide doors with a minimum width of 36 inches and 80 inches in height. Secure all exterior openings with bars.

Provide electrical service for the asphalt content by Ignition Method.

#### **ITEM 506**

Designate in writing a Contractor Responsible Person (CRP) for implementing, maintaining, and reviewing environmental requirements.

#### **ITEM 585**

Use Surface Test Type B and Pay Adjustment Schedule 2 to evaluate ride quality of the travel lanes in accordance with Item 585, "Ride Quality for Pavement Surfaces."

Use latest version of approved Ride Quality Software.

For QC Testing, provide inertial profiler results the same working day after paving.

For QA Testing, provide the Engineer the opportunity to witness the testing. Provide a seat for the Engineer in the test vehicle or arrange for the Engineer to follow the test vehicle if requested.

#### **ITEM 662**

Use Removable Prefabricated Pavement markings for one and two course surface treatments and temporary flexible-reflective roadway marker tabs for hot mix overlays as shown on WZ(STPM)-13.

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**Sheet M**

**County:** Refugio, Etc

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#### **ITEM 666**

Striping quantities as shown in the plans are approximate. All existing parking spaces shall be replaced. Additional striping may be required as the field conditions warrant. The Contractor shall inform the Engineer of any discrepancies in the striping details or of any additional striping required before placement of the pavement markings.

It will be the responsibility of the Contractor to mark and / or offset the locations of the standard pavement markings as directed by the Engineer. Permanent pavement markings are required within 14 days after the paving operations are completed.

Pavement markings that are placed incorrectly such as passing zones, gore areas, turn lanes, etc. shall be removed either according to Item 677 or as directed by the Engineer and remarked at the Contractor's expense.

#### **ITEM 668**

When existing pavement markings are obliterated, the Contractor shall place signing at the end of daily operations according to the standard sheets "TCP (7-1)-13" for the surface operations. The signs and markers shall remain in place until permanent striping is placed.

Short term pavement markings (tabs) shall be removed immediately prior to the placement of final pavement markings.

#### **ITEM 672**

All raised pavement markers are to meet Departmental Materials Specification DMS-4200, pavement markers (reflectorized). A list of prequalified suppliers is maintained by the Department's General Services Division. The Contractor shall be capable of providing documentation that they are placing high volume pavement markers on the roadway.

Bituminous adhesive shall be used to bond all pavement markers.

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**Sheet N**

**County:** Refugio, Etc

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**Highway:** SH 239, etc.

The bituminous adhesive shall be placed at a temperature range of 380 to 390 degrees Fahrenheit. The pavement markers shall be placed on the bituminous adhesive approximately twenty (20) seconds after the adhesive is placed on the pavement. The pavement marker shall rest solely on the adhesive and not the pavement surface. There shall be a layer of bituminous adhesive at least 1/8 inch thick between the pavement marker and the pavement surface.

Raised pavement markers are to be placed after the Type I pavement markings have been applied but no later than 30 calendar days after the surface treatment and/or as directed by the Engineer.

Spacing for pavement markers shall be in accordance with PM (1)-12 and PM (2)-12.

#### **ITEM 6001**

Furnish the portable changeable message signs displaying the correct message at least seven (7) days prior to beginning work or as directed.

The Contractor's Responsible Person (CRP) will maintain full control of messages at all times.

The Engineer will provide the sign message text to use at each sign.

Provide cellular phone connection.

A minimum of 2 PCMS will be required. However, additional units may be necessary depending on the work in progress.

Standby time will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Portable changeable message signs may be moved and message changed at any time as deemed necessary by the Engineer. This will be considered subsidiary to Item 6001.

General Notes

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**Sheet O**

**County:** Refugio, Etc

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**Highway:** SH 239, etc.

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**SPECIFICATION DATA**

UNIT WEIGHT ESTIMATE

EXISTING MATERIAL ----- 120 LBS/CY  
(SOLID)

ITEM 247 FLEXBASE (TY A GR 1-2) ----- 120 LBS/CY

**SURFACE TREATMENT DATA**

SURF. TRT. TYPE -----	ITEM 316	ITEM 316	ITEM 316
DESCRIPTION -----	SEAL COAT	1ST COURSE	2ND COURSE
ASPHALT TYPE -----	AC-15P / HFRS- 2P / CRS-2P	AC-5 / AC-10 / CRS-2 / HFRS-2	AC-15P / HFRS- 2P / CRS-2P
RATE (GAL/SY) -----	0.37 0.47	0.35 0.43	0.27 0.37
AVERAGE ASPHALT RATE (GAL/SY)-----	0.42	0.39	0.32
AGGR TYPE -----	PB	PB	PB
AGGR GRADE -----	4 or 4S	3 or 3S	4 or 4S
SURFACE AGGR CLASSIFICATION -----	B	B	B
AGGR RATE (CY:SY) -----	1:110	1:85	1:110

**HOT MIX**

ITEM 341

D-GR HMA TY-D SAC-B PG70-22 -----165 LB/SY

APPROX-----5.5% ASPHALT BY WEIGHT

APPROX-----94.5% AGGREGATE WEIGHT

General Notes

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