

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 7/02/2015**

<b>Control</b>	<u>0087-03-030, ETC.</u>
<b>Project</b>	<u>STP 1502(429)HES, ETC.</u>
<b>Highway</b>	<u>SH 359, ETC.</u>
<b>County</b>	<u>SAN PATRICIO, ETC.</u>

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(429)HES CONTROL: 0087-03-030  
COUNTY: SAN PATRICIO  
LETTING: 07/08/2015  
REFERENCE NO: 0701

**PROPOSAL ADDENDUMS**

- X PROPOSAL COVER  
X BID INSERTS (SH. NO.: 1-6, 2-6, 3-6, 4-6, 5-6 & 6-6 )  
X GENERAL NOTES (SH. NO.: L (PLAN SHEET 6E) )  
  
\_ SPEC LIST (SH. NO.: )  
\_ SPECIAL PROVISIONS: )  
\_ ADDED:  
  
DELETED:  
  
\_ SPECIAL SPECIFICATIONS:  
\_ ADDED:  
  
DELETED:  
  
X OTHER: PLAN SHEETS 2, 4, 5, 6E, 7 & 7A (E&Q SHEETS), 9, 10, 11, 122,  
123, 135, 138A & 138B  
DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

PROPOSAL COVER: CHANGED THE AMOUNT OF WORKING DAYS.

BID INSERT 1-6: DELETED ITEMS 247-6366 & 260-6008. ADDED ITEMS 134-6002, 260-6006 & 310-6009. MODIFIED QUANTITY FOR ITEM 247-6041.

BID INSERT 2-6: MODIFIED QUANTITIES FOR ITEMS 340-6120 & 354-6113. ADDED ITEM 432-6031.

BID INSERT 3-6: DELETED ITEMS 467-6106, 467-6144, 467-6205 & 467-6278. ADDED ITEMS 467-6112, 467-6150, 467-6212 & 467-6282.

BID INSERT 4-6: MODIFIED QUANTITY FOR ITEM 502-6001. DELETED ITEM 506-6020. ADDED ITEM 506-6021.

BID INSERT 5-6 & 6-6: CHANGED DUE TO ABOVE CHANGES.

GENERAL NOTES SHEET L (PLAN SHEET 6E): MODIFIED SPECIFICATION DATA.

PLAN SHEET 2: MODIFIED INDEX OF SHEETS.

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

PLAN SHEETS 4 & 5: MODIFIED PLAN SHEETS.

PLAN SHEETS 7 & 7A (E&Q SHEETS): CHANGED DUE TO ABOVE CHANGES.

PLAN SHEETS 9, 10 & 11: CHANGED DUE TO ABOVE CHANGES.

PLAN SHEETS 122 & 123: MODIFIED PLAN SHEETS.

PLAN SHEET 135: OMITTED.

PLAN SHEETS 138A & 138B: ADDED TO PLAN SET.

Control	0087-03-030, ETC.
Project	STP 1502(429)HES, ETC.
Highway	SH 359, ETC.
County	SAN PATRICIO, ETC.

# PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

## 2014 SPECIFICATIONS

### WORK CONSISTING OF ADD PASSING LANES SAN PATRICIO COUNTY, TEXAS, Etc.

The quantities in the proposal are approximate. The quantities of work and materials may be increased or decreased as considered necessary to complete the work as planned and contemplated.

This project is to be completed in 153 working days and will be accepted when fully completed and finished to the satisfaction of the Executive Director or designee.

Provide a proposal guaranty in the form of a Cashier's Check, Teller's Check (including an Official Check) or Bank Money Order on a State or National Bank or Savings and Loan Association, or State or Federally chartered Credit Union made payable to the Texas Transportation Commission in the following amount:

EIGHTY-SEVEN THOUSAND (Dollars) ( \$87,000 )

A bid bond may be used as the required proposal guaranty. The bond form may be detached from the proposal for completion. The proposal may not be disassembled to remove the bond form. The bond must be in accordance with Item 2 of the specifications.

Any addenda issued amending this proposal and/or the plans that have been acknowledged by the bidder, become part of this proposal.

By signing the proposal the bidder certifies:

1. the only persons or parties interested in this proposal are those named and the bidder has not directly or indirectly participated in collusion, entered into an agreement or otherwise taken any action in restraint of free competitive bidding in connection with the above captioned project.
2. in the event of the award of a contract, the organization represented will secure bonds for the full amount of the contract.
3. the signatory represents and warrants that they are an authorized signatory for the organization for which the bid is submitted and they have full and complete authority to submit this bid on behalf of their firm.
4. that the certifications and representations contained in the proposal are true and accurate and the bidder intends the proposal to be taken as a genuine government record.

• **Signed: \*\***

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

**Print Name:**

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

**Title:**

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

**Company:**

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

- Signatures to comply with Item 2 of the specifications.

\*\*Note: Complete (1) for single venture, through (2) for joint venture and through (3) for triple venture.

**\* When the working days field contains an asterisk (\*) refer to the Special Provisions and General Notes.**

## **NOTICE TO CONTRACTORS**

**ANY CONTRACTORS INTENDING TO BID ON ANY WORK TO BE AWARDED BY THIS DEPARTMENT MUST SUBMIT A SATISFACTORY “AUDITED FINANCIAL STATEMENT” AND “EXPERIENCE QUESTIONNAIRE” AT LEAST TEN DAYS PRIOR TO THE LETTING DATE.**

**UNIT PRICES MUST BE SUBMITTED IN ACCORDANCE WITH ITEM 2 OF THE STANDARD SPECIFICATIONS OR SPECIAL PROVISION TO ITEM 2 FOR EACH ITEM LISTED IN THIS PROPOSAL.**

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	6002		PREPARING ROW  DOLLARS and CENTS	STA	476.000	1
	105	6026		REMOVE STAB BASE & ASPH PAV (13"-18")  DOLLARS and CENTS	SY	5,294.000	2
	112	6001		SUBGRADE WIDENING (ORD COMP)  DOLLARS and CENTS	STA	476.000	3
	134	6002		BACKFILL (TY B)  DOLLARS and CENTS	STA	476.000	4
	164	6023		CELL FBR MLCH SEED(PERM)(RURAL)(CLAY)  DOLLARS and CENTS	SY	83,806.000	5
	168	6001		VEGETATIVE WATERING  DOLLARS and CENTS	MG	1,351.000	6
	247	6041		FL BS (CMP IN PLC)(TYA GR1-2)(FNAL POS)  DOLLARS and CENTS	CY	10,471.000	7
	260	6002		LIME (HYDRATED LIME (SLURRY))  DOLLARS and CENTS	TON	636.000	8
	260	6006		LIME TRT (EXST MATL) (6")  DOLLARS and CENTS	SY	37,695.000	9
	310	6009		PRIME COAT (MC-30)  DOLLARS and CENTS	GAL	7,539.000	10
	316	6001		ASPH (MULTI OPTION)  DOLLARS and CENTS	GAL	187,763.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	316	6002		AGGR (MULTI OPTION)  DOLLARS and CENTS	CY	5,343.000	12
	340	6120		D-GR HMA(SQ) TY-D SAC-B PG70-22  DOLLARS and CENTS	TON	5,241.000	13
	354	6113		PLAN & TEXT ASPH CONC PAV (2")  DOLLARS and CENTS	SY	47,645.000	14
	400	6005		CEM STABIL BKFL  DOLLARS and CENTS	CY	657.000	15
	432	6002		RIPRAP (CONC)(5 IN)  DOLLARS and CENTS	CY	6.000	16
	432	6031		RIPRAP (STONE PROTECTION)(12 IN)  DOLLARS and CENTS	CY	12.000	17
	462	6002		CONC BOX CULV (3 FT X 3 FT)  DOLLARS and CENTS	LF	20.000	18
	462	6005		CONC BOX CULV (4 FT X 4 FT)  DOLLARS and CENTS	LF	24.000	19
	462	6006		CONC BOX CULV (5 FT X 2 FT)  DOLLARS and CENTS	LF	36.000	20
	462	6010		CONC BOX CULV (6 FT X 3 FT)  DOLLARS and CENTS	LF	6.000	21
	462	6019		CONC BOX CULV (8 FT X 4 FT)  DOLLARS and CENTS	LF	112.000	22
	464	6003		RC PIPE (CL III)(18 IN)  DOLLARS and CENTS	LF	454.000	23

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	464	6005		RC PIPE (CL III)(24 IN)  DOLLARS and CENTS	LF	320.000	24
	464	6007		RC PIPE (CL III)(30 IN)  DOLLARS and CENTS	LF	40.000	25
	464	6008		RC PIPE (CL III)(36 IN)  DOLLARS and CENTS	LF	48.000	26
	466	6150		WINGWALL (FW - 0) (HW=3 FT)  DOLLARS and CENTS	EA	2.000	27
	467	6112		SET (TY I)(S=3 FT)(HW= 4 FT)(4:1)(C)  DOLLARS and CENTS	EA	4.000	28
	467	6150		SET (TY I)(S= 4 FT)(HW= 5 FT)(4:1) (C)  DOLLARS and CENTS	EA	4.000	29
	467	6212		SET (TY I)(S= 6 FT)(HW= 4 FT)(4:1) (C)  DOLLARS and CENTS	EA	1.000	30
	467	6282		SET (TY I)(S= 8 FT)(HW= 6 FT)(6:1) (P)  DOLLARS and CENTS	EA	4.000	31
	467	6363		SET (TY II) (18 IN) (RCP) (6: 1) (P)  DOLLARS and CENTS	EA	22.000	32
	467	6395		SET (TY II) (24 IN) (RCP) (6: 1) (P)  DOLLARS and CENTS	EA	10.000	33
	467	6423		SET (TY II) (30 IN) (RCP) (6: 1) (P)  DOLLARS and CENTS	EA	2.000	34
	467	6454		SET (TY II) (36 IN) (RCP) (6: 1) (P)  DOLLARS and CENTS	EA	2.000	35

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	496	6004		REMOV STR (SET)  DOLLARS and CENTS	EA	51.000	36
	500	6001		MOBILIZATION  DOLLARS and CENTS	LS	1.000	37
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING  DOLLARS and CENTS	MO	9.000	38
	506	6002	001	ROCK FILTER DAMS (INSTALL) (TY 2)  DOLLARS and CENTS	LF	240.000	39
	506	6011	001	ROCK FILTER DAMS (REMOVE)  DOLLARS and CENTS	LF	240.000	40
	506	6021	001	CONSTRUCTION EXITS (INSTALL) (TY 2)  DOLLARS and CENTS	SY	400.000	41
	506	6024	001	CONSTRUCTION EXITS (REMOVE)  DOLLARS and CENTS	SY	400.000	42
	506	6042	001	BIODEG EROSN CONT LOGS (INSTL) (18")  DOLLARS and CENTS	LF	1,980.000	43
	506	6043	001	BIODEG EROSN CONT LOGS (REMOVE)  DOLLARS and CENTS	LF	1,980.000	44
	530	6006		DRIVEWAYS (SURF TREAT)  DOLLARS and CENTS	SY	5,129.000	45
	533	6001		RUMBLE STRIPS (SHOULDER)  DOLLARS and CENTS	LF	30,518.000	46
	533	6002		RUMBLE STRIPS (CENTERLINE)  DOLLARS and CENTS	LF	15,259.000	47

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	560	6007		MAILBOX INSTALL-S (WC-POST) TY 3 DOLLARS and CENTS	EA	2.000	48
	644	6001		IN SM RD SN SUP&AM TY10BWG(1)SA(P) DOLLARS and CENTS	EA	27.000	49
	644	6033		IN SM RD SN SUP&AM TYS80(1)SA(U) DOLLARS and CENTS	EA	4.000	50
	644	6076		REMOVE SM RD SN SUP&AM DOLLARS and CENTS	EA	15.000	51
	658	6048		INSTL OM ASSM (OM-2Z)(FLX)GND DOLLARS and CENTS	EA	10.000	52
	658	6060		REMOVE DELIN & OBJECT MARKER ASSMS DOLLARS and CENTS	EA	10.000	53
	662	6001		WK ZN PAV MRK NON-REMOV (W)4"(BRK) DOLLARS and CENTS	LF	14,664.000	54
	662	6002		WK ZN PAV MRK NON-REMOV (W)4"(DOT) DOLLARS and CENTS	LF	678.000	55
	662	6004		WK ZN PAV MRK NON-REMOV (W)4"(SLD) DOLLARS and CENTS	LF	71,470.000	56
	662	6111		WK ZN PAV MRK SHT TERM (TAB)TY Y-2 DOLLARS and CENTS	EA	7,156.500	57
	666	6005		REFL PAV MRK TY I (W)4"(DOT)(090MIL) DOLLARS and CENTS	LF	452.000	58
	666	6283		REF PROF PAV MRK TY I(W)4"(SLD)(090MIL) DOLLARS and CENTS	LF	47,650.000	59

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	6299		RE PM W/RET REQ TY I (W)4"(BRK)(090MIL) DOLLARS and CENTS	LF	9,741.000	60
	666	6302		RE PM W/RET REQ TY I (W)4"(SLD)(090MIL) DOLLARS and CENTS	LF	78,164.000	61
	666	6314		RE PM W/RET REQ TY I (Y)4"(SLD)(090MIL) DOLLARS and CENTS	LF	125,809.000	62
	668	6076		PREFAB PAV MRK TY C (W) (24") (SLD) DOLLARS and CENTS	LF	60.000	63
	672	6007		REFL PAV MRKR TY I-C DOLLARS and CENTS	EA	126.000	64
	672	6009		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	1,577.000	65
	6001	6001		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	DAY	195.000	66

**Project Number:** STP 1502 (429) HES

**Sheet**

**County:** San Patricio, etc

**Control:** 0087-03-030, etc.

**Highway:** SH 359, 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.dot.state.tx.us/business/>. 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.

Asphalt application season will be established in accordance with Item 316.4.4. Adverse Weather Conditions or as directed by the Engineer.

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.

Stencil the National Bridge Inventory (NBI) number on each bridge and bridge class culvert. Use 3" letters or numbers. Use stain and color as approved. Paint will not be permitted. Locate the NBI number on the outside beam immediately adjacent to the abutment on the downstream end, on the outside headwall upper right-hand corner, or as directed. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

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

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**Sheet**

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In an effort to control the broomrape plant, clean all soil moving equipment with high-pressure water at an approved site before removing the equipment from the project.

## **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 [Charles.Benavidez@txdot.gov](mailto:Charles.Benavidez@txdot.gov) and [Armando.Bosquez@txdot.gov](mailto:Armando.Bosquez@txdot.gov) that contains "CSJ 0087-03-030, ETC 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**

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

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.

The 811 call services for utility locations does not include TxDOT facilities. Contact the Corpus Christi District Signal Section (361-739-6044) for coordination with TxDOT underground lines.

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**Sheet**

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Notify the Engineer immediately of utility conflicts in accordance with Item 5.6. Refer to Item 4.5 for consideration of differing site conditions.

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

#### **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.

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 17.3 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 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.

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

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### **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 not allowable.

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

### **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 from See table below. Remove and dispose of all obstructions shown and not specifically shown in the plans.

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**Sheet**

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<b>HWY</b>	<b>Limits</b>
<b>SH 359</b>	STA 172+85.00 to STA 291+95.00
	STA 386+50.00 to STA 505+65.00
<b>SH 188</b>	STA 137+00.00 to STA 256+10.00
	STA 450+05.00 to STA 569+15.00

#### **ITEM 164**

Restore and seed areas not shown in the plans disturbed by the Contractor's operations. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Notify the Engineer of the unavailability of any seed mix. Make changes to the seed mix as approved.

Use a tacking agent of 50% SS-1 and 50% water and apply the agent at a rate of 0.10 gal/sy or as directed. A biodegradable tacking agent may be used in lieu of the SS-1 tacking agent in accordance with the manufacturer's recommendations when approved. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

#### **ITEM 168**

Distribute water to only those areas shown in the plans or as directed. Excessive overspray will not be permitted.

Water all areas of the project to be seeded or sodded every two (2) days for 90 days or as directed. Apply water in a manner to ensure adequate moisture but not to erode the soil in-place. During periods of adequate moisture, mechanical watering may not be required as approved. Upon final stabilization, the Engineer may require to continue watering as specified for a period not to exceed 30 days.

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The Basis of Estimate below establishes the approximate quantity of water required to complete the 90-day watering cycle:

Rate	Water (Gal/Acre/Day)	Area (Acre)	Total Gallons (Min)
0.25 inch/week	1961	1	88,245

**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" there is no minimum plasticity index (PI) of 4 is required for Ty A Gr 1-2 Flex Base.

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

No profile will be provided for this project. Construct roadway as shown on typical sections.

**ITEM 275**

Use a mechanical mixer to mix the cement with the existing base material.

The three (3) day curing period is waived for roadways required to be opened to traffic the same day.

**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.

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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.

#### **ITEM 354**

Reclaimable asphalt material (R.A.P.) may be retained only if incorporated into the project. Incorporate the R.A.P. into the pavement mix design, into the backfill for pavement edges, into temporary structures, or as approved. Any excess R.A.P. will remain with the Contractor.

#### **ITEM 400**

Compact each layer to meet the density and consolidation of the adjacent undisturbed material.

Water ponding consists of jetting operations using 1 or 2 jets as determined and approved from results of trial operations.

Use cement-stabilized backfill for culvert and storm drains located beneath the pavement structure.

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**ITEM 432**

Saw cut the existing riprap to ensure a neat transverse and/or longitudinal line to assure a smooth tie-in with new riprap. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

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.

**ITEM 462**

Use cold-applied, plastic asphalt sewer joint compound for all joints. Provide sandproof tape for all pipe placed in cohesionless backfill material as approved, or provide gaskets that conform to Item 464.2.7.3.

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

**ITEM 464**

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

**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.

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.

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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.

#### **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 TCP 2 Series Standards.

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.

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

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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

**ITEM 506**

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

**ITEM 530**

Replace existing driveways not shown on the plans when directed. The work performed will be measured or paid for by Item 530, "Driveways".

If conditions warrant, driveway locations, widths, or lengths may be adjusted as directed.

**ITEM 560**

Coordinate with the local United States Postal Service to mark the location of the temporary mailboxes. Permanent mailbox locations may be adjusted as directed.

**ITEM 644**

Use crash worthy supports as shown on the BC sheets, the CWZTCD, or as directed for signs relocated using temporary supports. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

All slip bases and hardware including but not limited to nuts, bolts, screws and washers will be galvanized. All sign and housing components will be galvanized.

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**ITEM 662**

Use temporary flexible-reflective roadway marker tabs at the beginning and end of no passing zones as shown on the TCP (7-1)-13 for seal coats and WZ (STPM)-13 for hot mix overlays.

**ITEM 666**

Place pavement markings no later than 14 calendar days after the placement of the surface. When inclement weather prohibits placement of markings, the 14-day period may be extended until weather permits proper application.

**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.

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**SPECIFICATION DATA**

**UNIT WEIGHT ESTIMATED**

ITEM 260 – LIME TREAT (EXIST MATL) (6'')-----125LBS/CF

**STABILIZATION RATES**

ITEM 260 – LIME (HYDRATED LIME (SLURRY))-----6% BY WEIGHT

**COMPACTION REQUIREMENTS FOR BASE COURSE**

ITEM 260 – LIME TREAT (EXIST MATL) (6'')  
DENSITY-----95% MIN  
LIFTS-----ALL

**SURFACE TREATMENT DATA**

**1<sup>st</sup> Course**

ASPHALT TYPE-----ASPH (AC-5, AC-10, AC-15P, CRS-2 or HFRS-2P)  
ASPHALT RATE (GAL/SY)-----0.390  
AGGREGATE TYPE AND GRADE----- (TY PB-GR 3 or 3S SAC B)  
AGGREGATE RATE (CY/SY)-----1/90

**2<sup>nd</sup> Course**

ASPHALT TYPE-----ASPH (AC-15P, CRS-2P or HFRS-2P)  
ASPHALT RATE (GAL/SY)-----0.320  
AGGREGATE TYPE AND GRADE----- (TY PB-GR 3 or 3S SAC B)  
AGGREGATE RATE (CY/SY)-----1/110

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