

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 8/01/2014

Control	0151-06-136, ETC.
Project	NH 1402(045)
Highway	US 183, ETC.
County	TRAVIS

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: NH 1402(045)

CONTROL: 0151-06-136

COUNTY: TRAVIS

LETTING: 08/06/2014

REFERENCE NO: 0801

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

X BID INSERTS (SH. NO.: 2-5 THRU 5-5)

X GENERAL NOTES (SH. NO.: P)

X SPEC LIST (SH. NO.: 1-3 THRU 3-3)

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: SEE CHANGES BELOW

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

BID INSERTS -

REVISED QUANTITY FOR ITEM 666.2053, 666.2095, 666.2160, AND 666.2173
ADDED ITEMS 668.2137, 668.2139, 668.2140, 668.2141, 677.2001, 677.2003,
677.2007, 677.2008, 677.2018, 678.2006, 678.2007, 678.2018, 678.2037,
678.2063

SPEC LIST -

ADDED ITEMS 668, 677, AND 678

GENERAL NOTES -

SHEET P: ADDED NOTES TO ITEM 677 AND 678

PLANS -

SHEET 1 - ADDED PLAN SHEET 17A TO THE INDEX OF SHEETS

SHEET 4G, SHEET P: ADDED NOTES TO ITEM 677 AND 678

SHEET 5 THRU 5A - REVISED QUANTITIES FOR ITEMS 666.2053, 666.2095
666.2160, AND 666.2173

- ADDED QUANTITIES FOR ITEMS 668, 677, AND 678

SHEET 7 - REVISED QUANTITIES FOR ITEM 666.2053, 666.2095, 666.2160
AND 666.2173

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

- ADDED QUANTITIES FOR ITEMS 668, 677, AND 678

SHEET 16 - ADDED BRIDGE STRIPING TO PLAN SHEET

SHEET 17A - INSERTED NEW PLAN SHEET INTO SET OF PLANS

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
1	316	2705	016	ASPH (TIER I) DOLLARS and CENTS	GAL	49,513.700	1
1	316	2717	016	AGGR (TIER I) DOLLARS and CENTS	CY	1,025.130	2
	354	2002		PLAN & TEXT ASPH CONC PAV(0" TO 2") DOLLARS and CENTS	SY	117,889.760	3
	500	2001	011	MOBILIZATION DOLLARS and CENTS	LS	1.000	4
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	3.000	5
	618	2012		CONDT (PVC) (SCHD 40) (1") DOLLARS and CENTS	LF	30.000	6
	624	2013	014	GROUND BOX TY D (162922) DOLLARS and CENTS	EA	3.000	7
	662	2001		WK ZN PAV MRK NON-REMOV (W) 4" (BRK) DOLLARS and CENTS	LF	4,435.000	8
	662	2004		WK ZN PAV MRK NON-REMOV (W) 4" (SLD) DOLLARS and CENTS	LF	761.500	9
	662	2010		WK ZN PAV MRK NON-REMOV (W) 8" (DOT) DOLLARS and CENTS	LF	228.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	662	2012		WK ZN PAV MRK NON-REMOV (W) 8" (SLD) DOLLARS and CENTS	LF	2,772.250	11
	662	2014		WK ZN PAV MRK NON-REMOV (W) 12" (SLD) DOLLARS and CENTS	LF	420.750	12
	662	2032		WK ZN PAV MRK NON-REMOV (Y) 4" (SLD) DOLLARS and CENTS	LF	1,798.000	13
	666	2002		REFL PAV MRK TY I (W) 4" (BRK)(090MIL) DOLLARS and CENTS	LF	8,870.000	14
	666	2011		REFL PAV MRK TY I (W) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	3,046.000	15
	666	2029		REFL PAV MRK TY I (W) 8" (DOT)(090MIL) DOLLARS and CENTS	LF	228.000	16
	666	2035		REFL PAV MRK TY I (W) 8" (SLD)(090MIL) DOLLARS and CENTS	LF	11,089.000	17
	666	2041		REFL PAV MRK TY I (W) 12"(SLD)(090MIL) DOLLARS and CENTS	LF	1,683.000	18
	666	2047		REFL PAV MRK TY I (W) 24"(SLD)(090MIL) DOLLARS and CENTS	LF	1,128.000	19
	666	2053		REFL PAV MRK TY I (W) (ARROW) (090MIL) DOLLARS and CENTS	EA	20.000	20

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2068		REFL PAV MRK TY I(W)(DBL ARROW)(090MIL) DOLLARS CENTS and	EA	2.000	21
	666	2092		REFL PAV MRK TY I(W)(UTURN ARW)(090MIL) DOLLARS CENTS and	EA	2.000	22
	666	2095		REFL PAV MRK TY I (W) (WORD) (090MIL) DOLLARS CENTS and	EA	20.000	23
	666	2101		REF PAV MRK TY I(W)36"(YLD TRI)(090MIL) DOLLARS CENTS and	EA	12.000	24
	666	2111		REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) DOLLARS CENTS and	LF	7,192.000	25
	666	2131		REFL PAV MRK TY I (Y) 24"(SLD)(090MIL) DOLLARS CENTS and	LF	2,983.000	26
	666	2142		REF PAV MRK TY II (W) 4" (BRK) DOLLARS CENTS and	LF	8,870.000	27
	666	2145		REF PAV MRK TY II (W) 4" (SLD) DOLLARS CENTS and	LF	3,046.000	28
	666	2151		REF PAV MRK TY II (W) 8" (DOT) DOLLARS CENTS and	LF	228.000	29
	666	2153		REF PAV MRK TY II (W) 8" (SLD) DOLLARS CENTS and	LF	11,089.000	30

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2155		REF PAV MRK TY II (W) 12" (SLD) DOLLARS and CENTS	LF	1,683.000	31
	666	2157		REF PAV MRK TY II (W) 24" (SLD) DOLLARS and CENTS	LF	1,128.000	32
	666	2160		REF PAV MRK TY II (W) (ARROW) DOLLARS and CENTS	EA	20.000	33
	666	2165		REF PAV MRK TY II (W) (DBL ARROW) DOLLARS and CENTS	EA	2.000	34
	666	2172		REF PAV MRK TY II (W) (UTURN ARROW) DOLLARS and CENTS	EA	1.000	35
	666	2173		REF PAV MRK TY II (W) (WORD) DOLLARS and CENTS	EA	20.000	36
	666	2175		REF PAV MRK TY II (W) 36" (YLD TRI) DOLLARS and CENTS	EA	12.000	37
	666	2178		REF PAV MRK TY II (Y) 4" (SLD) DOLLARS and CENTS	LF	7,192.000	38
	666	2185		REF PAV MRK TY II (Y) 24" (SLD) DOLLARS and CENTS	LF	2,983.000	39
	668	2137		PREFAB PAV MRK TY B (W)(7")(BRK) CNTST DOLLARS and CENTS	LF	70.000	40
	668	2139		PREFAB PAV MRK TY B (W)(7")(SLD) CNTST DOLLARS and CENTS	LF	822.000	41

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	668	2140		PREFAB PAV MRK TY B (Y)(7")(SLD) CNTST DOLLARS and CENTS	LF	828.000	42
	668	2141		PREFAB PAV MRK TY B (W)(11")(SLD)CNTST DOLLARS and CENTS	LF	548.000	43
	672	2017	034	REFL PAV MRKR TY II-C-R DOLLARS and CENTS	EA	636.000	44
	677	2001		ELIM EXT PAV MRK & MRKS (4") DOLLARS and CENTS	LF	1,171.000	45
	677	2003		ELIM EXT PAV MRK & MRKS (8") DOLLARS and CENTS	LF	548.000	46
	677	2007		ELIM EXT PAV MRK & MRKS (24") DOLLARS and CENTS	LF	11.000	47
	677	2008		ELIM EXT PAV MRK & MRKS (ARROW) DOLLARS and CENTS	EA	6.000	48
	677	2018		ELIM EXT PAV MRK & MRKS (WORD) DOLLARS and CENTS	EA	6.000	49
	678	2006		PAV SURF PREP FOR MRK (24") DOLLARS and CENTS	LF	11.000	50
	678	2007		PAV SURF PREP FOR MRK (ARROW) DOLLARS and CENTS	EA	6.000	51
	678	2018		PAV SURF PREP FOR MRK (WORD) DOLLARS and CENTS	EA	6.000	52

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	678	2037		PAV SURF PREP FOR MRK(7") DOLLARS and CENTS	LF	1,720.000	53
	678	2063		PAV SURF PREP FOR MRK (11") DOLLARS and CENTS	LF	548.000	54
	688	2002		VEH LP DETECT (SAWCUT) DOLLARS and CENTS	LF	2,098.000	55
	3239	2001		TOM (ASPHALT) PG 76-22 DOLLARS and CENTS	TON	465.660	56
	3239	2003		TOM (AGGREGATE) SAC A DOLLARS and CENTS	TON	6,018.270	57
	6020	2001		SYSTEM LOOP DETECTOR DOLLARS and CENTS	EA	23.000	58
	6834	2001	002	PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	DAY	35.000	59
				ALTERNATE NO. 1A DOLLARS and CENTS			
	3233	2001		MEMBRANE UNDERSEAL DOLLARS and CENTS	GAL	23,592.940	60

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

GENERAL NOTES: Revised June, 2014

Basis of Estimate				
Item	Description	**Rate	Basis	Quantity
316	Surface Treatments UnderSeal: (TIER I) Asphalt Aggregate (Ty D, GR 4)	<u>Total</u> 0.42 GAL/SY 1 CY/115 SY	117,890 SY 117,890 SY	49,513 GAL 1,025 CY
3239	TOM (Asphalt) PG 76-22 (Aggregate) SAC A	7.1 LBS/SY/IN 102.9 LBS/SY/IN	117,890 SY 117,890 SY	466 TON 6,018 TON

** For Informational Purposes Only

The following standard detail sheet or sheets have been modified:

Modified Standards

LOOP DETECTOR INSTALLATION DETAILS LD(1)-03 (MOD)

GENERAL

References to manufacturer's trade name or catalog numbers are for the purpose of identification only. Similar materials from other manufacturers are permitted if they are of equal quality, comply with the specifications for this project, and are approved.

Do not place surface treatments or pavement when in the Engineer's professional judgment, the apparent general weather conditions are unsuitable for Overlay operations.

Remove and replace, at the Contractor's expense, and as directed, all defective work, which was caused by the Contractor's workforce, materials, or equipment.

Perform work during good weather unless otherwise directed. If work is performed at Contractor's option, when inclement weather is impending, and the work is damaged by subsequent precipitation, the Contractor is responsible for all costs associated with replacing the work, if required.

Accrue contract time charges through the Contractor's completion of the final punchlist.

Meet weekly with the Engineer to notify him/her of planned work for the upcoming week. Provide a three-week "look ahead," as well as all work performed over the past week.

Equip all construction equipment used in roadway work with a permanently mounted 360° revolving or strobe warning light with amber lens. Light will have a minimum lens height and diameter of 5 inches and mounting height of not less than 6 feet above the roadway surface and

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

be visible from all sides. Attach at each side of the rear end of the construction equipment an approved orange warning flag mounted not less than 6 feet above the roadway surface.

Overhead and underground utilities may exist in the vicinity of the project. The exact location of underground utilities is not known.

If working near power lines, comply with the appropriate sections of Local Legal Requirements, Texas State Law, and Federal Regulations relating to the type of work involved.

In the event of unforeseen utility adjustment, the Contractor will prosecute their work in such a manner and sequence as to facilitate the adjustments to be made.

Be aware that an Intelligent Transportation Systems (ITS) Infrastructure may exist within the limits of this project and that the system must remain operational throughout construction. The exact location of ITS Infrastructure is not known. Contact the TxDOT Area Engineer's or Inspection Team's Office for the location(s) at least 48 hours before commencing any work that might affect present ITS Infrastructure. Use caution if working in these areas to avoid damaging or interfering with existing facilities. Repair any damage to this system within 8 hours of occurrence at no cost to the Department. In the event of system damage, notify TxDOT/CTECC at (512) 974-0883 within one hour of occurrence. Failure of the Contractor to repair damage to any infrastructure that conveys any corridor information to TxDOT/CTECC will result in the Contractor being billed for the full cost of emergency repairs.

Superelevate all curves to conform to the slope(s) of the existing curves, as directed. Consider subsidiary to the pertinent Items.

Match existing cross slopes, as directed. Consider subsidiary to the pertinent Items.

Provide a smooth, clean sawcut along the existing asphalt (*or concrete*) pavement structure, as directed. Consider subsidiary to the pertinent Items.

Remove all construction debris and surplus material generated by the construction work within the project limits. Perform this work as directed. Consider subsidiary to the pertinent Items.

Trim vegetation around signs and other obstructions. Consider subsidiary to pertinent Items.

Supply litter barrels in enough numbers at locations as directed to control litter within the project. Consider subsidiary to pertinent Items.

Use a self-contained vacuum broom to sweep the roadway and keep it free of sediment due to the Construction of the Roadway, as directed. Consider subsidiary to pertinent Items.

Protect all areas of the right of way, which are not included in the actual limits of the proposed construction areas, from destruction. Exercise care to prevent damage to trees, vegetation, and other natural surroundings. Areas not to be disturbed will be as directed. Restore any area

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

disturbed because of the Contractor's operations to a condition as good as, or better than, before the beginning of work.

Damage to existing pipes and SET's due to Contractor operations shall be repaired at Contractor's expense.

All locations used for storing construction equipment, materials, and stockpiles of any type, within the right of way, will be as directed. Use of right of way for these purposes will be restricted to those locations where driver sight distance to businesses and side street intersections is not obstructed and at other locations where an unsightly appearance will not exist. The Contractor will not have exclusive use of right of way but will cooperate in the use of the right of way with the city/county and various public utility companies as required.

The Project Superintendent will be capable of speaking English and will be available *to contact* at all times when work is being performed, including subcontractor work. The Superintendent will be available and on-call 24 hours a day.

Measure all minimum vertical clearances for all structures (including, but not limited to, signal mast arms, span wires, and overhead sign bridge structures) within the limits of the project for all roadway alignments in all directions of travel. Coordinate with the Engineer to take these measurements and obtain prior to opening roadways to traffic unless otherwise approved. The Engineer will report all minimum vertical clearance information to the District Permit Office.

Furnish, to the Engineer, a list of the final centerline elevations.

During evacuation periods for Hurricane events the Contractor will cooperate with Department for the restricting of Lane Closures and arranging for Traffic Control to facilitate Coastal Evacuation Efforts. In addition, the Contractor's assistance may be requested outside of the Project Limits.

When directed, designate an official backer/spotter or "dump-man" who shall wear specially marked clothing and a specially marked hard hat which specifically identifies them as the backer/spotter and identifies that they are the person who is directing the backing operations. They shall be identified to all project personnel, Contractor and TxDOT, when dumping the various project materials, throughout the course of the project.

Storm Water Pollution Prevention Plan (SW3P)

Maintain erosion control features according to the TxDOT SW3P sheet.

In the event that significant contamination is encountered based on odors, visual evidence, or vapor monitoring, immediately contact the Engineer in accordance with Item 4.3 of the General Provisions of the STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES. The Engineer may suspend work wholly or in part to determine the coordination/management for the testing, removal and disposal of hazardous materials that might be necessary according to all applicable rules, laws and regulations.

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

When any abandoned well is encountered, cease construction operations in this area and notify the Engineer who will coordinate the proper plugging procedures with Texas Commission on Environmental Quality (TCEQ).

Plug any drill holes, resulting from core sampling on-site or down-gradient of the site, with concrete from the bottom of the hole to the top of the hole so that water and contaminants are not allowed to enter the subsurface environment.

Restrict construction vehicles from traversing or utilizing existing roadways, unprotected construction areas, and areas with vegetative cover.

Maintain vehicles at designated maintenance sites, unless otherwise approved.

Transport any soils contaminated during construction off of the proposed project, away from the site, and properly dispose of off-site.

Collect wastewater generated on-site by chemical toilets, transport and dispose of off-site, in a proper manner.

Suspend all activities near any significant recharge features, such as sinkholes, caves, or any other subterranean openings that are discovered during construction or core sampling. Do not proceed until the designated Geologist or TCEQ representative is present to evaluate and approve remedial action.

Locate aboveground storage tanks kept on-site for construction purposes over bermed impervious liners as to not allow any leakage into underlying soils. Additionally, the containment will be sized to capture 150% of the total volume of fluids stored on-site within the storage area.

No blasting will be allowed within 300 feet of a geologic feature of significant recharge potential, unless otherwise approved. Known locations of these features are available from the Area Engineer.

For all work over or near Bodies of Water (Lakes, Rivers, Ponds, Creeks, etc.):

Keep on hand Synthetic Absorbent Booms (Petroleum Sorbent Booms, Petroleum Socks, Absorbant Socks, etc.) and Absorbent Pads (Eversoak Sorbents, Industrial Absorbent Pads, Calicorp Absorbent Pads, etc.), both types, for spilled petroleum products, in enough quantity to mitigate a petroleum-type spill due to Contract work.

Safety Contingency & Item 502

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 on the project. The

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

ITEM 4 – SCOPE OF WORK

Final cleanup will include the removal of excess material considered detrimental to vegetation growth along the front slope of the ditch. Materials such as surface aggregates and other materials, as specified by the Engineer, will be removed at the Contractor's expense.

ITEM 5 – CONTROL OF THE WORK

Mark and maintain 100-foot station intervals for the duration of the project, as directed. Consider subsidiary to pertinent Items.

ITEM 6 - CONTROL OF MATERIALS

Give a minimum of 24 hours of notice for materials, which require Inspection at the Plant.

ITEM 7 – LEGAL RELATIONS AND RESPONSIBILITIES

Do not initiate activities in a Project Specific Location (PSL) associated with a U.S. Army Corps of Engineers (USACE) jurisdictional area that have not been previously evaluated by the USACE as part of the permit review of this project. Such activities include, but are not limited to, haul roads, equipment staging areas, borrow and disposal sites. Associated defined here means materials are delivered to or from the PSL. The jurisdictional area includes all waters of the U.S. including wetlands or associated wetlands affected by activities associated with this project. Special restrictions may be required for such work. Consult with the USACE regarding activities, including Project Specific Locations (PSLs) that have not been previously evaluated by the USACE. Provide the Department with a copy of all consultations or approvals from the USACE before initiating activities.

Proceed with activities in PSLs that do not affect a USACE jurisdictional area if self-determination has been made that the PSL is non-jurisdictional or proper USACE clearances have been obtained in jurisdictional areas or have been previously evaluated by the USACE as part of the permit review of this project. Document any determinations that their activities do not affect a USACE jurisdictional area. Maintain copies of their determinations for review by the Department or any regulatory agency.

The Contractor must document and coordinate with the USACE, if required, before any excavation hauled from or embankment hauled into a USACE jurisdictional area by either (1) or (2) below.

(1) Restricted Use of Materials for the Previously Evaluated Permit Areas.

Document both the project specific location (PSL) and their authorization. Maintain copies for review by the Department or any regulatory agency. When an area within the project limits has been evaluated by the USACE as part of the permit process for this project:

- a. Suitable excavation of required material in the areas shown on the plans and cross sections as specified in Item 110, Excavation, is used for permanent or temporary fill (Item 132, Embankment) within a USACE jurisdictional area;

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

- b. Suitable embankment (Item 132) from within the USACE jurisdictional area is used as fill within a USACE evaluated area; and,
 - c. Unsuitable excavation or excess excavation [“Waste”] (Item 110, Excavation) that is disposed of at an approved location within a USACE evaluated area.
- (2) Contractor Materials from Areas Other than Previously Evaluated Areas.**
Provide the Department with a copy of all USACE coordination or approvals before initiating any activities in a jurisdictional area within the project limits that has not been evaluated by the USACE or for any off right of way locations used for the following, but not limited to, haul roads, equipment staging areas, borrow and disposal sites:
- a. Item 132, Embankment, used for temporary or permanent fill within a USACE jurisdictional area; and,
 - b. Unsuitable excavation or excess excavation [“Waste”] (Item 110, Excavation) that is disposed of outside a USACE evaluated area.

This project required formal consultation, permits, or both with environmental resource agencies. Environmentally sensitive areas will most likely be encountered on Contractor designated PSLs for this project.

Do not park equipment or make stockpiles where driver sight distance to businesses and side street intersections is obstructed, especially after work hours. If it is necessary to park where drivers’ views are blocked, make every effort to flag traffic accordingly. Give the travelling public first priority.

Maintain positive drainage for permanent, as well as, temporary drainage for the duration of the project. This work is the sole responsibility of the Contractor. Construct temporary and permanent drainage systems prior to the placement of temporary pavement, when possible, but absolutely prior to the placement of permanent pavement. Be responsible for any items associated with the temporary/interim drainage and all related maintenance. No direct payment will be made for this work. The Engineer will have the final authority in determining/approving the adequacy of any temporary/permanent drainage features installed.

No blasting on this project, unless otherwise allowed.

ITEM 8 – PROSECUTION AND PROGRESS

Work is allowed to be performed during the nighttime, with prior approval.

Provide a virus-free computer disk or diskette containing the Primavera Construction Schedule.

ITEM 9 – MEASUREMENT AND PAYMENT

Provide full-time, off-duty, uniformed, certified peace officers in officially marked vehicles, as part of traffic control operations, as directed.

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

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

No payment will be made for peace officers unless the Contractor completes the proper Department tracking form. Submit invoices that agree with the tracking form for payment at the end of each month, when approved services were provided. Request the tracking form from the Department.

No payment for officers used for moving equipment without prior written approval.

Cancel "Off-Duty" Peace Officers and their Motor Vehicle Units when the Scheduled lane closures are canceled. Failure to cancel the Off Duty Officers and their respective Motor Vehicle Units will not be cause for payment, by TxDOT, for "Show Up" time.

ITEM 316 – SURFACE TREATMENTS

Perform work during good weather, unless otherwise directed. If work is performed at Contractor's option, when inclement weather is impending, and the work is damaged by subsequent precipitation, the Contractor is responsible for all costs associated with replacing the work, if required.

Ensure the accuracy of the Distance Measuring Instrument (DMI) with the Engineer, prior to marking the Asphalt and Rock Land shots.

- Ensure that all Surface Treatment/Seal Coat Operations are covered by HMA CP before the workers leave the project, for that particular day's work, as directed.

Ensure the minimum aggregate surface classification is class A.

Surface all transitions, tapers, climbing lanes and intersections to the limits as directed.

Keep all traffic, including construction traffic, off freshly placed surface treatment, as directed.

Distribution to each control section will be proportioned to the volumetric quantity as shown on the "daily road report."

Any oil or asphaltic material being paid for on the project shall use tank strap method as shown in TXDOT Seal Coat and Surface Treatment Manual 2004-1.

All transports will have a seal affixed at the point of origin. The Engineer will be present when the seal is broken on the Transport and will accept the shipping tickets and make distribution to the Contractor.

ITEM SS 3239 (HMA CP Testing)

The Contractor must sample asphalt binder, in accordance to the applicable item. Label the sample can with the corresponding CSJ, lot, and subplot numbers.

Samples must be stored in a common area where they are readily available to the TxDOT representative at the plant. The Contractor will be responsible for supplying storage for all samples. Retain all asphalt samples until hot mix production is complete or directed otherwise.

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

When directed, the Contractor is responsible for disposal of all asphalt binder samples, in accordance to Local, State, and Federal regulations.

[Hot Mix Asphaltic Conc (HMAC) Core Holes]

Refill and compact all HMAC core holes to the same elevation as the adjacent roadway. Use hot mix of the type being used in the project to fill core holes. As an alternative a high performance cold patching mix such as Rapid Cure Patching Mix meeting the requirements of DMS-9203 or Medium Cure Patching mix made with SCM meeting requirements of DMS-9202. Consider this work subsidiary to the pertinent Items.

ITEM SS 3239

Transition from the new ACP to the existing surface tie-in by utilizing a required milled transition to a vertical butt joint. Make the transition a minimum of 50 feet H: 1 inch V slope ratio of newly placed ACP. Make the temporary joint, at the tie-in, a minimum of a “3-paper-taper” longitudinally and covering the entire width. Sawcut existing pavement as directed. Prior to milling, core the existing pavement to determine its thickness. Do not proceed with milling until directed. Consider this work subsidiary to the pertinent Items.

ITEMS SS 3239 – THIN OVERLAY MIXTURE (TOM)

Provide mixture using PG 76-22.

Place mixture at the compacted lift thickness of 1 inch.

Use aggregate meeting a Surface Aggregate Classification (SAC) requirement of “A” for surface course mixtures.

Lime or an approved anti-stripping agent must be used when crushed gravel is utilized to meet a SAC “A” requirement.

A Warm Mix Asphalt additive is required with a discharge temperature greater than 300° F when the haul distance from the plant to the project is greater than 40 miles or the ambient temperature is between 60-70° F, unless otherwise directed. WMA processes, such as water or foaming processes, are not allowed under these circumstances.

Tack coat or underseal is required for the use of this overlay mixture.

Use of pneumatic-tire rollers is prohibited

Water flow rate should exceed 30 seconds tested in accordance to Tex-246-F. The Engineer will require the Contractor to perform water flow rate testing at least once per lot.

ITEM 354 - PLANING AND TEXTURING PAVEMENT

Remove the loose material from the roadway before opening to traffic.

Plane a full lane width before opening to traffic at the end of a work period.

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

Accomplish a 2-inch depth of planing and texturing in two passes. A single cut will be permitted if at most a 1¼-inch vertical offset is created against adjacent lanes when opened to traffic at the end of a work period.

Accomplish the 2 inch Planed Butt Joint only when there is at least 4 inches of existing thickness of ACP. Consider the determination of existing thickness of ACP as subsidiary to the various Items.

Taper planing at bridge ends as directed. Plane taper surfaces before placing HMAACP to allow a minimum of 1-inch surface course to abut the bridge ends.

Taper transverse faces at ends of passes as directed.

Make Transverse Tapers on each end of each pass using a minimum slope rate of 50 feet H to 1 inch V.

ITEM 502 - BARRICADES, SIGNS, AND TRAFFIC HANDLING

Unless otherwise approved, no daytime closures (main lanes and frontage roads) will be allowed.

Table 1

<u>Roadway</u>	<u>Description / Location</u>	<u>Allowable Closing Times</u>
LP 1	William Cannon to Parmer Lane	8 P to 5 A
US 183	RM 2243 to FM 1327	8 P to 5 A

Nighttime lane closures will be allowed from 8:00 PM to 5:00 AM, unless otherwise shown on the plans.

No Daytime Lane Closures will be allowed, unless otherwise shown on the plans or as directed by the Area Engineer (AE).

The AE is the authority to approve additional lane closures, prior to any work.

Maintain a written record of documentation of “The Additional Approved Lane Closures.”

1 lane will remain open, in each direction, at all times, unless otherwise shown on the plans or as approved by the AE.

Notify the Inspector so that they can notify Combined Transportation, Emergency, and Communications Center (CTECC) / Public Affairs Office, prior to implementing any “Approved Lane Closure” for a State Highway or Roadway. Provide notice no later than 11:00 AM (Central Time) and at least 24 hours prior to the closure. If the closure is scheduled on a Monday, then it will be called in by 11:00 AM on Friday. If the notification time falls on a State Holiday, which TxDOT observes, then make the notification to the Inspector by 11:00 AM on the day prior to the State Holiday. If you find you will need to report closure information after the 11:00 AM

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

deadline, please contact Area Office for Construction Closures and/or Lowell Choate for Maintenance Closures. Once they have approved the late notice, TxDOT will then provide the information to the Public Information Office.

Also, provide “Advance Notice” of the Actual Lane Closure(s), on the Day (Night) of the Actual Lane Closure(s), to the TxDOT Inspector so that they can notify CTECC. Also, immediately upon removal of the Closure(s) provide notice to the TxDOT Inspector for them to notify CTECC.

Submit and secure concurrence, prior to the publication of any notices or placement of any traffic control devices for implementation of the traffic control plan, hereinafter called a Lane Closure Notice (LCN).

Present to TxDOT, an LCN for traffic control, which is proposed for implementation, a minimum of four (4) full working days preceding any proposed implementation date. Indicate the estimated date, time, duration, and location for the proposed work. As a part of the LCN submit a written description of the lane closure(s) depicting the proposed traffic control devices used, based on the appropriate plan sheet, TxDOT or TMUTCD standards, and an operational description of the work to be performed.

Present to TxDOT, LCN’s proposed to detour traffic, a minimum of *seven (7)* full calendar days preceding any proposed implementation date.

Present to TxDOT, LCN’s proposed for night work, a minimum of *seven (7)* full calendar days preceding any proposed implementation date.

Receive concurrence prior to LCN implementation.

Meet with the Engineer prior to roadway and lane closures to ensure that sufficient equipment, materials, devices, and workers will be used. Discuss contingency plans at that time. Consider inclement weather prior to implementing the lane closures.

Submit a cancellation of any lane closures, no later than noon on the day preceding the proposed work.

Coordinate Main Lane closures with adjacent projects.

Take immediate action to modify Closures / Traffic Control, if at any time backup (roadway queuing) becomes unreasonable (greater than 20 minutes). Have in place, a contingency plan of how this will occur.

Utilize Shadow Vehicle with Truck Mounted Attenuator for setup and removal of each lane closure.

Do not set up any Lane Closure / TCP when the pavement is wet prior to the “setup,” unless otherwise directed. Revise Traffic Control, when inclement weather is imminent, as directed.

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

Incorporate and maintain a 3H: 1V safety wedge into the proposed construction for any roadway edge of 2 inches or greater adjacent to a roadway under traffic.

Within the limits of the project, provide standard barricades, warning signs, delineators, lights, 28-inch cones, and flaggers in enough numbers and combinations, as directed.

Use a minimum of 2 flaggers, 2 advance warning flashing arrow panels (TY C), 2 of each signs CW20-5TR or CW20-5TL with appropriate distance plaques and CW9-2TR or CW9-2TL and 28-in. cones at each location in which milling or paving operations are in progress. Maintain at least 1 lane of traffic in each direction during paving or milling operations. Maintain at least the minimum numbers of lanes as directed.

Table 2 --- Definition of Peak and Off-Peak Hours

Roadway	Peak Hours		Off-Peak Hours	
Frontage Roads and All Other Roadways	<u>5:00</u> AM to <u>10:00</u> AM Monday through Friday	<u>3:00</u> PM to <u>8:00</u> PM Monday through Friday	<u>10:00</u> AM to <u>3:00</u> PM and <u>8:00</u> PM to <u>5:00</u> AM Monday through Friday	All day Saturday and Sunday

No Lane Closures on the Roadway that significantly reduce the level-of-service.

For those roadways shown in **Table 1**, no Lane Closures during the Peak Hours as shown in **Table 2**.

No closures will be allowed on the weekends, which include the following holidays: January 1, the last Monday in May, July 4, the first Monday in September, the fourth Thursday in November, December 25, Easter weekend, and the working day prior to or immediately after any of the aforementioned holidays. Unless otherwise approved, no closures will be allowed on the weekends of special events that could be impacted by the construction. Ensure all equipment, vehicles, workers, etc., associated with these closures are off the roadways and all lanes reopened, at least, by noon of the Friday before these holidays and special events.

Place 1 "Electronic" Portable Changeable Message Signs (EPCMS) at locations requiring lane closures for one-week prior to the closures, or as directed. Obtain approval for the actual message that will appear on the boards. If more than two phases of a message are required per board, provide additional EPCMS's to meet the two-phases-per-board requirement.

Use advance warning flashing arrow panels for the closing of traffic lanes. Furnish one stand-by unit, in good working condition at the jobsite, ready for immediate use.

Maintain access to all streets and driveways at all times, unless otherwise approved. Consider subsidiary to the pertinent Items.

Maintain enough workers to revise traffic control as directed.

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

For each Lane Closure Set-up, provide a “Buffer Space” and Shadow Vehicle with Truck Mounted Attenuator (TMA), as directed.

Provide a “Downstream” Buffer Space ($\approx 100'$ per lane with devices spaced at $\approx 20'$) for each lane closure setup, as directed.

Maintain construction-warning signs, which are needed for longer periods than what is shown on the traffic control plan or as directed. Consider subsidiary to the pertinent Items.

Cover or remove any existing sign(s), which conflict with temporary traffic control operations. Install all permanent signs, delineation, and object markers necessary for the operation of any roadway before opening that section of roadway to traffic, regardless of the phase during which the roadway construction occurs. Erect the signs on temporary mounts until the permanent mounts are installed. Consider any costs associated with the temporary mounts subsidiary. Repair or replace any signs, which are damaged by the Contractor’s operations during construction or which are deemed not sufficient. The Engineer will be the sole judge of the adequacy of the sign(s). Consider this work subsidiary to the pertinent Items.

Secure a 28-inch cone on top of any foundations that have protruding studs during construction. The cones will meet the specifications listed on BC (10)–13. In addition, they will be reflectorized, as described. All labor and materials will be considered subsidiary to the pertinent Items.

Provide **1** “Electronic” Portable Changeable Message Sign(s) (EPCMS) as part of the traffic control operations and provide another one that is available to utilize when a backup is needed. Consider the one designated for backup as subsidiary to the various Items of the project. All EPCMS will be exclusive to this project, unless otherwise approved. Placement location and message as directed.

Maintain Sandbags that are used for ballast, as directed. Consider subsidiary to the pertinent Items.

When placing detectors across the roadway, one lane will remain open at all times. Conduct all other construction operations to provide the least possible interference to traffic.

ITEM 504 - FIELD OFFICE AND LABORATORY

Asphaltic Material Testing Facility

Furnish a Type D structure for the asphalt-mix control laboratory for the Engineer’s exclusive use. Ensure the floor has enough strength to support the testing equipment and has an impervious covering.

Ensure the Type D structure has adequate air conditioning and is furnished with a minimum of one desk, three chairs, one file cabinet, a telephone, and one built-in equipment storage cabinet for the storage of nuclear equipment. Make the cabinet a minimum of 3-feet wide by 2-feet deep by 3-feet high and make provisions for locking securely. Provide the structure with a 240-volt

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

electrical service entrance. Provide a minimum of four 120-volt circuits with 20-amp breakers and at most two grounded convenience outlets per circuit and provisions for a minimum of two 220-volt ovens with vents to the outside. Provide a minimum of two convenience outlets per wall and a utility sink with an adequate clean potable water supply for testing. Space heaters for heating the structure are unacceptable. Provide support blocks and tie down portable structures for stability.

Provide an ignition oven for the use of Department to determine asphalt content in accordance to Tex-236-F. Provide other laboratory equipment as directed.

Provide to the Department and their representative a computer meeting the minimum specification requirements in DMS 10101 "Computer Equipment." Provide a color printer no older than 2 years old. The operation system must be Microsoft XP-SP2, unless directed otherwise. Provide DSL or better internet service. Computer must have at least two front USB ports. Consider subsidiary to pertinent Items.

Provide a permanent, fully equipped, indoor restroom, with toilet and running water as a part of the Type D structure, unless approved otherwise. Provide a monthly drinking water cooler with hot & cold taps and a monthly drinking water service, unless approved otherwise. Consider subsidiary to the pertinent Items.

Equivalent structures may be substituted for those specified under this Item, as agreed. The agreement must be in writing.

Maintain and repair any structure or equipment contained herein. Consider subsidiary to the pertinent Items.

ITEMS 618 & 624

Use materials from prequalified material producers list as shown on the Texas Department of Transportation (TxDOT) ----- Construction Division's (CST) materials producers list. See TxDOT website (www.txdot.gov) – Business with TxDOT > Materials Information > Material Producer List - for list of pre-qualified manufacturers. Category is "Roadway Illumination and Electrical Supplies." "No substitutions" will be allowed for materials found on the list.

ITEM 618 CONDUIT

For electrical licensing and electrical certification requirements see Item 7 of the current Standard Specification book and any applicable Special Provisions to Item 7.

ITEM 618 - CONDUIT

Use materials from prequalified material producers list as shown on the Texas Department of Transportation (TxDOT) - Construction Division's (CST) materials producers list. Category is "Roadway Illumination and Electrical Supplies."

Consider the polymer concrete barrier boxes subsidiary to ITEM 618, "CONDUIT."

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

Refer to plans and specifications for type of conduit. Waterproof and tighten all couplings and connections. Bring all proposed and existing conduit into a ground box and 'elbow' it unless otherwise shown on the plans. Provide a bushing to protect the wire from abrasion when a conduit run terminates.

Replace sections of conduit with the size and type shown on the plans in the event the existing conduit proves unusable due to location or damage.

Secure permission from the proper authority, as directed, before cutting into or removing any sidewalks or curbs for installation of this Item.

Saw cut and replace any riprap, which must be removed to install the conduit. Replace riprap with material and texture as directed.

The locations of conduit and ground boxes are diagrammatic and so shift, as directed, to accommodate field conditions.

Install conduit in an area not exceeding 2 feet in any direction from a straight line with the depth of the conduit at least 2 feet, unless otherwise shown on the plans. Installation of the conduit by jacking or boring method will be at a depth of at least 1 foot below the bottom of the base material of the roadway. Evidence of damage to the roadway during the jacking or boring operation will be enough grounds to stop the method being used.

Install conduit on a 2-inch sand cushion and backfill with at least 6 inches of sand. Backfill the remainder of the trench with flexible base, soil or two-sack concrete as required by the location of the conduit or as directed.

Consider all conduit elbows and rigid metal extensions required to be installed on PVC conduit systems subsidiary.

Install a high tension, non-metallic pull rope in all conduit runs. The pull ropes are for future use. Cap all empty conduit runs using standard weather tight conduit caps as directed. Consider this work subsidiary to the pertinent Item.

Install a continuous bare or green insulated copper wire No. 8 AWG or larger in every conduit throughout the electrical system including installed loop detectors and traffic signal cables which are in conformance with the Electrical Detail Standard Sheets and the latest edition of the National Electrical Code (NEC).

Placement of conduit under the existing pavement using the open trench method will not be allowed without prior approval.

Seal all conduit ends with a permanently soft, non-toxic duct seal. The dust seal must not adversely affect plastic materials or corrode metals.

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

Use a coring device when drilling holes through concrete structures. Do not use masonry or concrete drills, unless otherwise approved.

Structurally mounted junction boxes shall be as shown on the plans. When used for traffic signal installations, these boxes shall be 12" x 12" x 8", and shall be approved. Consider these boxes subsidiary to this Item.

Use conduit hangers for 3 inch and larger conduit when hanging conduit from structures.

Place conduit a minimum depth of 42 inches below the bottom of ties.

Existing conduit may be proposed for reuse in this project. If the existing conduit cannot be used to place or add new electrical conductors, repair or replace this conduit, as directed. Repair of the conduit will be paid as "Extra Work" on a "Force Account" basis. Probe the existing conduit when locating drill shafts so that the existing conduit's location will be known before it is needed.

When using existing conduit, ensure that all conduits have bushings and are cleaned of dirt, mud, grease, and other debris. Restrap conduit that is being relocated to new timber poles as if it were a new installation. Consider this work subsidiary to this Item.

Consider all fittings, brackets, and junction boxes necessary to complete the installations subsidiary to the pertinent Items.

ITEM 662, 666, & 672

Notify the Engineer at least 24 hours in advance of removing existing striping and placing pavement markings & markers.

Apply markings during good weather unless otherwise directed. If markings are placed at Contractor's option, when inclement weather is impending, and the markings are damaged by subsequent precipitation, the Contractor is responsible for all costs associated with replacing the markings if required.

Unless the new striping design differs from the existing striping location, place the new striping to match existing striping.

ITEM 662 - WORK ZONE PAVEMENT MARKINGS

Place temporary pavement markings each night, as directed. Temporary flexible-reflective tabs will not be allowed as temporary pavement marking on the various roadways, unless otherwise approved.

If Temporary Flexible Reflective Tabs are allowed replace any missing tabs daily. If tabs are used, replace tabs at the Contractor's expense.

Remove work zone pavement markings within 48 hours after permanent striping has been completed.

Project Number: NH 1402(045)

County: Travis

Highway: US 183, etc

Sheet:

Control: 0151-06-136, etc

Foil backed pavement markings will not be allowed.

ITEM 666 - REFLECTORIZED PAVEMENT MARKINGS

Apply Type I ReflectORIZED Pavement Markings no sooner than 14 days after applying the final course of HMA CP, unless otherwise directed.

Reference existing channel islands, gores, and lane striping before commencing work. Provide referencing that will include a sketch of the layout to the Engineer. Obtain approval for placement of guidemarks from the Engineer before installing any permanent pavement markings. Consider subsidiary to the pertinent Items.

Ensure that Type II pavement markings have been applied to final course HMA CP before the workers leave the project, for that particular day's work, as directed.

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.

Furnish double drop of TY II & TY III glass beads for all TY I markings.

ITEM 672 - RAISED PAVEMENT MARKERS

Place the bituminous adhesive at a temperature range of 380°F to 390°F. Place the pavement marker on the bituminous adhesive approximately 20 seconds after the adhesive is placed on the pavement. Ensure the pavement marker rests solely on the adhesive and not the pavement surface. Ensure that a minimum of 1/8 in. layer of bituminous adhesive remains between the pavement marker and the pavement surface.

ITEM 688 - PEDESTRIAN DETECTORS AND VEHICLE LOOP DETECTORS

Test all loops in accordance with the FHWA loop detector handbook.

ITEM 677 – ELIMINATING EXISTING PAVEMENT MARKINGS & MARKERS

Grinding is not an acceptable method of stripe removal.

Blast cleaning is required for the removal of existing pavement markings on the bridge structure.

ITEM 678 – PAVEMENT SURFACE PREPARATION FOR MARKINGS

Use water blasting to prepare surfaces in accordance with Item 678.

CONTROL : 0151-06-136, ETC
PROJECT : NH 1402(045)
HIGHWAY : US 183, ETC
COUNTY : TRAVIS

TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF
----- TRANSPORTATION JUNE 1, 2004.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 316 SURFACE TREATMENTS (210)(300)(302)
ITEM 354 PLANING AND TEXTURING PAVEMENT
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 504 FIELD OFFICE AND LABORATORY
ITEM 618 CONDUIT (400)(445)(476)(622)
ITEM 624 GROUND BOXES (420)(421)(432)(440)(618)(620)
ITEM 662 WORK ZONE PAVEMENT MARKINGS (666)(668)(672)(677)
ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)
ITEM 668 PREFABRICATED PAVEMENT MARKINGS
ITEM 672 RAISED PAVEMENT MARKERS (677)(678)
ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS (300)
(302)(316)
ITEM 678 PAVEMENT SURFACE PREPARATION FOR MARKINGS (677)
ITEM 688 PEDESTRIAN DETECTORS AND VEHICLE LOOP DETECTORS (618)
(624)(682)(684)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE
----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED
HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS
(FORM FHWA 1273, MAY, 2012)

WAGE RATES

SPECIAL PROVISION "NOTICE TO ALL BIDDERS" (000---003)
SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO
ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)

SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
CONSTRUCTION CONTRACT SPECIFICATIONS" (000---006)

SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"
(000---009)

SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"
(000---011)

SPECIAL PROVISION "NOTICE OF CHANGES TO U.S. DEPARTMENT OF LABOR
REQUIRED PAYROLL INFORMATION" (000--1483)

SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000--2638)

SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID
CONTRACTS" (000--1966)

SPECIAL PROVISION "PARTNERING" (000--2329)

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--2332)

SPECIAL PROVISION "NONDISCRIMINATION" (000--2607)

SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000--2839)

SPECIAL PROVISION TO ITEM 1 (001---015)

SPECIAL PROVISION TO ITEM 2 (002---017)

SPECIAL PROVISION TO ITEM 3 (003---033)

SPECIAL PROVISION TO ITEM 4 (004---017)

SPECIAL PROVISION TO ITEM 5 (005---004)

SPECIAL PROVISIONS TO ITEM 6 (006---030)(006---047)

SPECIAL PROVISION TO ITEM 7 (007---918)

SPECIAL PROVISION TO ITEM 8 (008---119)

SPECIAL PROVISIONS TO ITEM 9 (009---009)(009---015)

SPECIAL PROVISION TO ITEM 300 (300---039)

SPECIAL PROVISION TO ITEM 302 (302---010)

SPECIAL PROVISION TO ITEM 316 (316---016)

SPECIAL PROVISION TO ITEM 318 (318---010)

SPECIAL PROVISION TO ITEM 420 (420---002)

SPECIAL PROVISION TO ITEM 421 (421---035)

SPECIAL PROVISION TO ITEM 440 (440---006)

SPECIAL PROVISION TO ITEM 476 (476---003)

SPECIAL PROVISION TO ITEM 500 (500---011)

SPECIAL PROVISION TO ITEM 502 (502---033)

SPECIAL PROVISION TO ITEM 620 (620---001)

SPECIAL PROVISION TO ITEM 624 (624---014)

SPECIAL PROVISION TO ITEM 672 (672---034)

SPECIAL PROVISION TO ITEM 682 (682---003)

SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 1122 (1122--002)

SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 6834 (6834--002)

SPECIAL SPECIFICATIONS:

ITEM 1122 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
CONTROLS

ITEM 3233 SPRAY APPLIED UNDERSEAL MEMBRANE (320)

ITEM 3239 THIN OVERLAY MIXTURE (TOM)

ITEM 6020 SURVEILLANCE SYSTEM LOOP DETECTORS

ITEM 6834 PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH

----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-
LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL
PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-
CATIONS FOR THIS PROJECT.