

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 11/02/2010

Control	0016-07-128, ETC.
Project	IM 0353(278), ETC.
Highway	IH 35, ETC.
County	BEXAR, ETC.

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: IM 0353(278) CONTROL: 0016-07-128
COUNTY: BEXAR
LETTING: 11/04/2010
REFERENCE NO: 1029

PROPOSAL ADDENDUMS

- _ PROPOSAL COVER
X BID INSERTS (SH. NO.: 1-9 thru 9-9)
X GENERAL NOTES (SH. NO.: A)

X SPEC LIST (SH. NO.: 2-2)
X SPECIAL PROVISIONS:
ADDED: 3221--001

DELETED:

- _ SPECIAL SPECIFICATIONS:
ADDED:

DELETED:

- X OTHER: See changes listed below

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

Proposal

Sheet 1-9 thru 9-9: Changes as reflected below.

General Notes:

Sheet A: Deleted the Emulsion Ratio for Item 3221.

Spec List:

Sheet 2-2: Added SP to SS 3221--001.

Plan Sheets:

Plan Sheet 2: Added Sheet 17B.

Plan Sheet 5: Revised ADT for Reference # 1.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

Plan Sheet 16: Deleted Emulsion Ratio for Item 3221.

Plan Sheet 17: Deleted Item 502-2119 and 3221-2090.
Added Item 502-2061, 2062 and Item 3221-2005, 2006.

Plan Sheet 17A: Add Alt 3X.

Plan Sheet 17B: New Sheet Created Due to the Above Changes.

Plan Sheet 18: Deleted Item 502-2119, Added Item 502-2061 & 2062.
Deleted Item 3221-2090, Added Item 3221-2005 & 2006.

Plan Sheet 21, 21A & 21B: Changed Tier 3A to 3B & Revised Quantities.

Plan Sheet 57: Deleted Tier 3 and Added Tier 3A and 3B.

Plan Sheet 58: Replaced ASPH Tier 3 with Tier 3A.

Plan Sheet 60 & 62: Replaced ASPH Tier 3 with Tier 3B & Adjusted
Quantities.

Plan Sheet 69: Replaced ASPH Tier 3 with 3A.

Plan Sheet 79, 85 & 86: Replaced ASPH Tier 3 with Tier 3B and
Adjusted Quantities.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	500	2001	007	MOBILIZATION DOLLARS and CENTS	LS	1.000	1
	502	2057	062	BARR, SIGNS & TRF HANDLE(TIER 1A) DOLLARS and CENTS	EA	4.000	2
	502	2058	062	BARR, SIGNS & TRF HANDLE(TIER 1B) DOLLARS and CENTS	EA	6.000	3
	502	2061	062	BARR, SIGNS & TRF HANDLE(TIER 3A) DOLLARS and CENTS	EA	2.000	4
	502	2062	062	BARR, SIGNS & TRF HANDLE(TIER 3B) DOLLARS and CENTS	EA	3.000	5
	502	2118	062	BARR, SIGNS & TRF HANDLE(TIER 2) DOLLARS and CENTS	EA	7.000	6
	530	2006		INTERSECTIONS (SURF TREAT) DOLLARS and CENTS	SY	74,196.000	7
	662	2113		WK ZN PAV MRK SHT TERM (TAB) TY W DOLLARS and CENTS	EA	2,916.000	8
	662	2115		WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS and CENTS	EA	15,850.000	9
	666	2027		REFL PAV MRK TY I (W) 8" (BRK)(100MIL) DOLLARS and CENTS	LF	165.000	10
	666	2036		REFL PAV MRK TY I (W) 8" (SLD)(100MIL) DOLLARS and CENTS	LF	35,005.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2048		REFL PAV MRK TY I (W) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	3,951.000	12
	666	2054		REFL PAV MRK TY I (W) (ARROW) (100MIL) DOLLARS and CENTS	EA	47.000	13
	666	2084		REFL PAV MRK TY I(W)(RR XING) (100MIL) DOLLARS and CENTS	EA	2.000	14
	666	2096		REFL PAV MRK TY I (W) (WORD) (100MIL) DOLLARS and CENTS	EA	38.000	15
	666	2102		REF PAV MRK TY I(W)36"(YLD TRI)(100MIL) DOLLARS and CENTS	EA	43.000	16
	666	2132		REFL PAV MRK TY I (Y) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	6,938.000	17
	666	2141		REFL PAV MRK TY I (Y)(MED NOSE)(100MIL) DOLLARS and CENTS	EA	25.000	18
	672	2012	034	REFL PAV MRKR TY I-C DOLLARS and CENTS	EA	343.000	19
	672	2015	034	REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	11,988.000	20
	672	2017	034	REFL PAV MRKR TY II-C-R DOLLARS and CENTS	EA	1,762.000	21
	3221	2001	001	ASPH (TIER 1A) DOLLARS and CENTS	GAL	109,141.000	22

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	3221	2002	001	ASPH (TIER 1B) DOLLARS and CENTS	GAL	73,834.000	23
	3221	2005	001	ASPH (TIER 3A) DOLLARS and CENTS	GAL	5,053.000	24
	3221	2006	001	ASPH (TIER 3B) DOLLARS and CENTS	GAL	224,796.000	25
	3221	2089	001	ASPH (TIER 2) DOLLARS and CENTS	GAL	336,528.000	26
	3221	2091	001	AGGR (GR 3) DOLLARS and CENTS	CY	11,025.000	27
	3221	2092	001	AGGR (GR 4) DOLLARS and CENTS	CY	4,595.000	28
	3221	2093	001	AGGR (GR 5) DOLLARS and CENTS	CY	706.000	29
	6834	2001		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	DAY	124.000	30
	8251	2003	005	RE PM W/RET REQ TY I(W)4"(BRK)(100MIL) DOLLARS and CENTS	LF	78,017.000	31
	8251	2006	005	RE PM W/RET REQ TY I(W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	1,736,023.00	32
	8251	2015	005	RE PM W/RET REQ TY I(Y)4"(BRK)(100MIL) DOLLARS and CENTS	LF	188,545.000	33

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	8251	2018	005	RE PM W/RET REQ TY I(Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	1,139,161.00	34
				ADD ALTERNATE NO. 1X DOLLARS and CENTS			
	502	2068	062	BARR, SIGNS & TRF HANDLE(TIER 3B)ALT 1X DOLLARS and CENTS	EA	1.000	35
	3221	2012	001	ASPH (TIER 3B)ALT 1X DOLLARS and CENTS	GAL	17,919.000	36
	3221	2061	001	AGGR (GR 3)ALT 1X DOLLARS and CENTS	CY	289.000	37
	8650	2002		REFL PAV MRKR TY II A-A ALT 1X DOLLARS and CENTS	EA	300.000	38
	8651	2030		RE PM W/RET REQ TY I(Y)4"(BRK)ALT 1X DOLLARS and CENTS	LF	1,970.000	39
	8651	2031		RE PM W/RET REQ TY I(Y)4"(SLD)ALT 1X DOLLARS and CENTS	LF	17,415.000	40
	8652	2002		WK ZN PV MRK SHT TERM(TAB)TY Y-2 ALT 1X DOLLARS and CENTS	EA	330.000	41
				ADD ALTERNATE NO. 2X DOLLARS and CENTS			

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	502	2074	062	BARR, SIGNS & TRF HANDLE(TIER 3B)ALT 2X DOLLARS CENTS and	EA	1.000	42
	3221	2018	001	ASPH (TIER 3B)ALT 2X DOLLARS CENTS and	GAL	68,310.000	43
	3221	2064	001	AGGR (GR 3)ALT 2X DOLLARS CENTS and	CY	1,100.000	44
	8650	2005		REFL PAV MRKR TY II A-A ALT 2X DOLLARS CENTS and	EA	1,160.000	45
	8651	2038		RE PM W/RET REQ TY I(Y)4"(BRK)ALT 2X DOLLARS CENTS and	LF	7,623.000	46
	8651	2039		RE PM W/RET REQ TY I(Y)4"(SLD)ALT 2X DOLLARS CENTS and	LF	51,153.000	47
	8652	2003		WK ZN PV MRK SHT TERM(TAB)TY Y-2 ALT 2X DOLLARS CENTS and	EA	1,280.000	48
				ADD ALTERNATE NO. 3X DOLLARS CENTS and			
	502	2079	062	BARR, SIGNS & TRF HANDLE(TIER 3A)ALT 3X DOLLARS CENTS and	EA	1.000	49
	3221	2023	001	ASPH (TIER 3A)ALT 3X DOLLARS CENTS and	GAL	31,328.000	50

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	3221	2068	001	AGGR (GR 4)ALT 3X DOLLARS CENTS and	CY	784.000	51
	3221	2069	001	AGGR (GR 5)ALT 3X DOLLARS CENTS and	CY	11.000	52
	8650	2008		REFL PAV MRKR TY II A-A ALT 3X DOLLARS CENTS and	EA	518.000	53
	8651	2054		RE PM W/RET REQ TY I(W)4"(SLD)ALT 3X DOLLARS CENTS and	LF	58,740.000	54
	8651	2055		RE PM W/RET REQ TY I(Y)4"(BRK)ALT 3X DOLLARS CENTS and	LF	5,614.000	55
	8651	2056		RE PM W/RET REQ TY I(Y)4"(SLD)ALT 3X DOLLARS CENTS and	LF	25,879.000	56
	8652	2004		WK ZN PV MRK SHT TERM(TAB)TY Y-2 ALT 3X DOLLARS CENTS and	EA	575.000	57
				ADD ALTERNATE NO. 4X DOLLARS CENTS and			
	502	2082	062	BARR, SIGNS & TRF HANDLE(TIER 1B)ALT 4X DOLLARS CENTS and	EA	1.000	58
	530	2044		INTERSECTIONS (SURF TREAT)ALT 4X DOLLARS CENTS and	SY	1,735.000	59

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	3221	2026	001	ASPH (TIER 1B)ALT 4X DOLLARS and CENTS	GAL	29,729.000	60
	3221	2070	001	AGGR (GR 3)ALT 4X DOLLARS and CENTS	CY	699.000	61
	3221	2072	001	AGGR (GR 5)ALT 4X DOLLARS and CENTS	CY	43.000	62
	8650	2011		REFL PAV MRKR TY II A-A ALT 4X DOLLARS and CENTS	EA	501.000	63
	8651	2062		RE PM W/RET REQ TY I(W)4"(SLD)ALT 4X DOLLARS and CENTS	LF	43,625.000	64
	8651	2063		RE PM W/RET REQ TY I(Y)4"(BRK)ALT 4X DOLLARS and CENTS	LF	4,294.000	65
	8651	2064		RE PM W/RET REQ TY I(Y)4"(SLD)ALT 4X DOLLARS and CENTS	LF	20,644.000	66
	8652	2005		WK ZN PV MRK SHT TERM(TAB)TY Y-2 ALT 4X DOLLARS and CENTS	EA	650.000	67
				ADD ALTERNATE NO. 5X DOLLARS and CENTS			
	502	2087	062	BARR, SIGNS & TRF HANDLE(TIER 1A)ALT 5X DOLLARS and CENTS	EA	1.000	68

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	ITEM NO	DESC CODE	S.P. NO.				
	3221	2031	001	ASPH (TIER 1A)ALT 5X DOLLARS and CENTS	GAL	63,063.000	69
	3221	2074	001	AGGR (GR 4)ALT 5X DOLLARS and CENTS	CY	1,577.000	70
	8649	2073		REF PAV MRK TY I(W)8"(SLD)ALT 5X DOLLARS and CENTS	LF	340.000	71
	8649	2076		REF PAV MRK TY I(W)(ARROW)ALT 5X DOLLARS and CENTS	EA	4.000	72
	8649	2078		REF PAV MRK TY I(W)(WORD)ALT 5X DOLLARS and CENTS	EA	4.000	73
	8650	2015		REFL PAV MRKR TY II C-R ALT 5X DOLLARS and CENTS	EA	570.000	74
	8651	2069		RE PM W/RET REQ TY I(W)4"(BRK)ALT 5X DOLLARS and CENTS	LF	11,140.000	75
	8651	2070		RE PM W/RET REQ TY I(W)4"(SLD)ALT 5X DOLLARS and CENTS	LF	44,550.000	76
	8651	2072		RE PM W/RET REQ TY I(Y)4"(SLD)ALT 5X DOLLARS and CENTS	LF	44,550.000	77
	8652	2014		WK ZN PV MRK SHT TERM(TAB)TY W ALT 5X DOLLARS and CENTS	EA	1,900.000	78

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
				ADD ALTERNATE NO. 6X DOLLARS and CENTS			
	502	2093	062	BARR, SIGNS & TRF HANDLE(TIER 1A)ALT 6X DOLLARS and CENTS	EA	1.000	79
	3221	2037	001	ASPH (TIER 1A)ALT 6X DOLLARS and CENTS	GAL	30,676.000	80
	3221	2077	001	AGGR (GR 4)ALT 6X DOLLARS and CENTS	CY	767.000	81
	8649	2162		REF PAV MRK TY I(W)8"(SLD)ALT 6X DOLLARS and CENTS	LF	5,000.000	82
	8650	2018		REFL PAV MRKR TY II C-R ALT 6X DOLLARS and CENTS	EA	286.000	83
	8651	2077		RE PM W/RET REQ TY I(W)4"(BRK)ALT 6X DOLLARS and CENTS	LF	5,680.000	84
	8651	2078		RE PM W/RET REQ TY I(W)4"(SLD)ALT 6X DOLLARS and CENTS	LF	22,704.000	85
	8651	2080		RE PM W/RET REQ TY I(Y)4"(SLD)ALT 6X DOLLARS and CENTS	LF	22,704.000	86
	8652	2015		WK ZN PV MRK SHT TERM(TAB)TY W ALT 6X DOLLARS and CENTS	EA	900.000	87

*****GENERAL NOTES*****

===== **Basis of Estimate** =====

The programmed funding for this project is: \$4.47 Million.

Electronic Bidding System (EBS) will not be permitted on this contract.

Per Item 3221 the ratios used for asphalt payment are:

AC /AR Ratio is 0.711

The contractor should look at each roadway plan sheet for the initial asphalt rates and if Standard or Transverse Variable Spray Bar is required. Roads will be re-evaluated Spring of 2011, for adjustments to initial asphalt rates and recommended nozzles configuration.

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A Pre-bid meeting will be held at:
TxDOT San Antonio District Office
4615 NW Loop 410
San Antonio, TX 78229

October 26, 2010 at 1:00 PM @ Meeting Room 11A.

The following State, District, Local and/or Utility Standards have been modified: NONE.

Contact the Engineer or the City when construction operations are within 400 feet of a signalized intersection to determine/verify the location of loop detectors, conduit, ground-boxes, etc. Repair or replace any signal equipment damaged by construction operations. The method of repair or replacement shall be pre-approved and inspected. Depending on the type and extent of the damage, the Engineer reserves the right to perform the repair or replacement work and the Contractor will be billed for this work.

Remove existing raised pavement markings as the work progresses or as approved. This work is subsidiary to the various bid items. Properly dispose materials removed.

If there are waste areas or material source areas, follow the Texas Aggregate Quarry and Pit Safety Act requirements.

Any materials removed and not reused and determined to be salvageable shall be stored within the project limits at an approved location or delivered undamaged to the storage yard as directed.

County: Bexar, etc.

Control: 0016-07-128, etc.

Highway: IH 35, etc.

Properly dispose unsalvageable materials in accordance with local, state, and federal regulations. Deface traffic signs so that they will not reappear in public as signs.

Any sign panels that are adjusted or removed and replaced, shall be done the same workday unless otherwise approved.

Hurricane Evacuation

Hurricane Season is from June 1 thru November 30. As the closest metropolitan city inland from the Texas Coast, the City of San Antonio is a major shelter destination during mandatory hurricane evacuations. As such, planned work zone lane or road closures may be restricted and/or suspended during mandatory hurricane evacuation operations. The District will coordinate these restrictions at a minimum H-120 from any projected impact to the Texas Coast.

No time charges will be made if the Engineer determines that work on the project was impacted by the hurricane.

The Engineer may order changes in the Traffic Control Plan to accommodate evacuation traffic, and may suspend the work, all or in part, to ensure timely completion of this work. All work to implement changes in the Traffic Control Plan will be paid through existing bid prices or through Item 9.5, Force Account. However, the Department will not entertain any request for delay damages, loss of efficiency that may be attributed to the restriction or suspension of road or lane closures, or to changes in the Traffic Control Plan.

--Item 5--

Reference all existing striping and other pavement markings to allow these markings to be re-established. Ensure the markings (lane lines, edge lines, ramp gores, etc.) are in line with signs, TMS arrows, etc. located on overhead sign supports. The contractor shall install pavement markings to the new pavement marking standards.

When a bridge deck is milled, seal coated and overlaid, remove excess material. Do not just broom to the sides of the bridge, under guardrail, etc. Cover or protect all sealed expansion joints and rails on bridges and all railroad tracks encountered as approved. Clean all of these features if they weren't properly protected. This work is subsidiary work to applicable bid items.

When working near aerial electrical lines or utility poles, comply with Federal, State and local regulations. Electrical lines, Telephone Lines, Cable TV are not shown in the plans, the contractor shall take appropriate safety measures if the lines to prevent damage to overhead lines. Such measures could include the placement of cones along the edge of pavement that is being sealed and/or erecting signs to notify workers of the reduced clearance.

Prevention of Migratory Bird Nesting

County: Bexar, etc.

Control: 0016-07-128, etc.

Highway: IH 35, etc.

It is anticipated that migratory birds, a protected group of species, may try to nest on bridges, culverts, vegetation, or gravel substrate, at any time of the year. The preferred nesting season for migratory birds is from February 15 through October 1. When practicable, schedule construction operations outside of the preferred nesting season. Otherwise, nests containing migratory birds must be avoided and no work will be performed in the nesting areas until the young birds have fledged.

Structures

Bridge and culvert construction operations can not begin until swallow nesting prevention is implemented, until after October 1 if it's determined that swallow nesting is actively occurring, or until it's determined swallow nests have been abandoned. If the State installed nesting deterrent on the bridges and culverts, maintain the existing nesting deterrent to prevent swallow nesting until October 1 or completion of the bridge and culvert work, whichever occurs earlier. If new nests are built and occupied after the beginning of the work, do not perform work that can interfere with or discourage swallows from returning to their nests. Prevention of swallow nesting can be performed by one of the following methods:

1. By February 15 begin the removal of any existing mud nests and all other mud placed by swallows for the construction of nests on any portion of the bridge and culverts. The Engineer will inspect the bridges and culverts for nest building activity. If swallows begin nest building, scrape or wash down all nest sites. Perform these activities daily unless the Engineer determines the need to do this work more frequently. Remove nests and mud through October 1 or until bridge and culvert construction operations are completed.
2. By February 15 place a nesting deterrent (which prevents access to the bridge and culvert by swallows) on the entire bridge (except deck and railing) and culverts.

No extension of time or compensation payment will be granted for a delay or suspension of work caused by nesting swallows. This work is subsidiary to the various bid items.

Provide a non-intrusive back-up alarm system on all heavy equipment used in close proximity to residential areas. This item is subsidiary to various bid items.

--Item 6--

Show the stockpile lot and/or sub lot numbers on all tickets for all materials.

--Item 7--

The total disturbed area within the project is anticipated at less than one (1) acre. Due to this type of construction, the project qualifies for exclusion under the Construction General Permit (CGP) issued by the Texas Commission on Environmental Quality (TCEQ) on March 5, 2008. However; should the sum of the Engineer's anticipated disturbances and the Contractor's (On ROW and off ROW) PSL's equal or exceed the one (1) acre threshold; both TxDOT and the

County: Bexar, etc.

Control: 0016-07-128, etc.

Highway: IH 35, etc.

Contractor have project responsibilities under the CGP that reverts to non-exclusion status. Obtain approval for all non-depicted areas of disturbance that increases the initial soil and vegetation disturbed area estimates before work starts at these locations.

Notify the Engineer of the disturbed acreage within one (1) mile of the project limits. Obtain authorization from the TCEQ for Contractor PSL's for construction support activities on or off ROW.

--Item 8--

Working days will be computed and charged in accordance with Article 8.3.A.6: Other – 6 Day work week. Working days will be charged Monday through Saturday, excluding national holidays, regardless of weather conditions or material availability. Work on Sundays, national holidays, and other non-working days will not be permitted without the written permission of the Engineer. If work is performed on any of these holidays requiring an Inspector to be present, and weather or other conditions permit the performance of the work for 7 hours between 7:00 A.M. and 7:00 P.M., a working day will be charged.

The Start Work Date is May 2, 2011, time charges will start on May 2, 2011 or before if the project engineer allows work to start prior to May 2, 2011. The last day to shoot asphalt is September 17, 2011. All clean up and removal of the excess aggregate will be completed by October 14, 2011, if not removed by October 14, 2011 the aggregate will be donated to TxDOT and taken into the maintenance section inventory.

Additional days that will be non-work days due to heavy holiday traffic are:

May 27 & 28, 2011.

July 2 & 3, 2011.

September 2 & 3, 2100.

The number of working days and interim milestones, if any, were calculated using a conceptual time determination schedule that assumes generic resources, production rates, sequences of construction and average weather conditions based on historic data.

If requested, the Engineer will supply bidders a CD of the time determination schedule compatible with Primavera Project Planner software. The time determination schedule is provided for informational use only and is not intended for bidding or construction purposes. If the schedule is used for bidding or construction purposes, the bidder accepts the schedule and assumes the responsibility for verifying all aspects of the schedule. The department will not adjust the number of working days and milestones, if any, due to differences in opinion regarding any assumptions made in the preparation of the schedule or for errors, omissions or discrepancies found in the schedule.

Locate and reference with station and offset all manholes and valves within the construction area. Each manhole and valve shall be identified by its owner (SAWS, CPS, etc.). No roadwork

County: Bexar, etc.

Control: 0016-07-128, etc.

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will begin until this list has been submitted. Gas valves have to be accessible at all times, therefore; temp. CTB, material stock piles, etc. can not be placed over these valves.

--Item 9--

When approved, provide uniformed, off-duty law enforcement officers with marked vehicles during work that requires a lane closure. The officer in marked vehicles shall be located as approved to monitor or direct traffic during the closure. The method used to direct traffic at signalized intersections shall be as approved. Additional officers and vehicles may be provided when approved or directed.

Complete the daily tracking form provided by the department and submit invoices that agree with the tracking form for payment at the end of each month approved services were provided.

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

--Item 302--

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

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

--Item 500--

"Materials on Hand" payments will not be considered in determining percentages for mobilization payments.

--Item 502--

Place standard pavement markings no later than 14 days after surface treatment operations are completed.

When advanced warning flashing arrow panels and/or changeable message sign is specified, have one standby unit in good condition at the job site.

After written notification, the time frame to provide properly maintained barricades, signs and flexible tabs before considered in non-compliance is 12 hours from receipt of the notification.

Keep the traffic signals in operation, when sealing operations disrupt proper operation an off-duty police shall be required.

County: Bexar, etc.

Control: 0016-07-128, etc.

Highway: IH 35, etc.

Notify the Engineer 3 business days in advance of any temporary lane, ramp, connector, etc. closures/detours, restrictions to lane widths, alterations to vertical clearances, or modifications to radii. Any other modifications to the roadway that may adversely affect the mobility of oversized/overweight trucks also require 3 business days advance notice to the Engineer. Unless shown in the TCP, no lane, ramp, connector, etc. closures are allowed during special events. At least one lane has to remain open at all times.

For all lane closures in Bexar County, provide written closure information by 1:00PM, 3 business days prior to the closure. For closures on a Monday or following a Holiday, furnish the information on Wednesday prior to the closure. Lane closures will not be allowed if this reporting requirement is not met. This is for media and TxDOT Public Information Office notification. See plan sheets for specific project requirements.

For lanes closures not listed in the TCP; the lane closures will be approved by the project engineer.

Avoid placing stockpiles within the roadway's horizontal clear zone. If a stockpile is placed within the clear zone, address in accordance with the TMUTCD. The horizontal clear zone is defined as 16 ft for roadways with less than 4,000 ADT and 30 FT for roadways with ADT greater than 4,000 ADT.

Do not place barricades, signs, or any other traffic control devices where they interfere with sight distance at driveways or side streets.

In addition to providing a Contractor's Responsible Person and a phone number for emergency contact, have an employee(s) available to respond on the project for emergencies and for taking corrective measures within 2 hours or within a reasonable time frame as specified by the Engineer.

--Item 506--

It is not anticipated that erosion control devices will be needed. However; in the event devices are needed, the SW3P shall consist of the control measures approved. Depending on the type and amount of work, payment will be handled with the Force Account Procedure, or by individual pay items.

--Item 510--

The wait time for the general public shall be no greater than 10 minutes. The contractor shall alter the traffic control setup to comply with the 10 minute time limit. The length of the one-way traffic control section is limited to 2 miles miles, if the above requirement is satisfied.

--Item 666 & 8249--

County: Bexar, etc.

Control: 0016-07-128, etc.

Highway: IH 35, etc.

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.

--Item 672 & 8650 --

Place all adhesive material directly from the heated dispenser to the pavement. Do not use portable or non-heated containers. Use adhesive of sufficient thickness so that when the marker is pressed into the adhesive, 1/8" or more adhesive will remain under 100% of the marker. The adhesive should extend not less than 1/2" but not more than 1 1/2" beyond the perimeter of the marker.

--Item 677--

The mechanical method for the elimination of existing thermoplastic pavement markings is not approved for this project.

--Item 3221--

Transverse Varying Asphalt Rates is specified in the plans, the asphalt distributor nozzles shall be capable of supplying an asphalt rate outside the wheel path locations between 20-24 percent higher than the asphalt rate being applied in the wheel path. Transverse Varying Asphalt Rates shall not be used on shoulders, two-way continuous left turn lanes, medians, etc. The spray bar shall not be shifted to the right or left, to ensure the nozzles remain in the wheel paths.

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

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

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

--Item 8094, 8251 & 8651--

Submit the field comparison checks report format to the project engineer per Item 8094 3.1 requirements.

Mobil Retro-Reflectivity readings are required, if hand-held or mobile readings do not pass specification requirements notify the project manger within 8 hours. Email the project manager with the electronic data files within 3 days per Item 8094 of taking the measurements for each individual roadway (CSJ). The video files shall be mailed or hand delivered, weekly to the project manager.

CONTROL : 0016-07-128, ETC
PROJECT : IM 0353(278), ETC
HIGHWAY : IH 35, ETC
COUNTY : BEXAR, ETC

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 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
CONTROLS
ITEM 530 INTERSECTIONS, DRIVEWAYS, AND TURNOUTS (247)(260)(263)
(275)(276)(292)(316)(330)(334)(340)(360)(421)(440)
ITEM 662 WORK ZONE PAVEMENT MARKINGS (666)(668)(672)(677)
ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)
ITEM 672 RAISED PAVEMENT MARKERS (677)(678)

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, MARCH, 1994)

WAGE RATES

SPECIAL PROVISION "PARTNERING" (000---002)
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 "SCHEDULE OF LIQUIDATED DAMAGES" (000--1493)
 SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000--1676)
 SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID
 CONTRACTS" (000--1966)
 SPECIAL PROVISION TO ITEM 1 (001---015)
 SPECIAL PROVISION TO ITEM 2 (002---028)
 SPECIAL PROVISIONS TO ITEM 3 (003---024)(003---033)
 SPECIAL PROVISION TO ITEM 4 (004---017)
 SPECIAL PROVISION TO ITEM 5 (005---004)
 SPECIAL PROVISION TO ITEM 6 (006---030)
 SPECIAL PROVISIONS TO ITEM 7 (007---740)(007---774)
 SPECIAL PROVISIONS TO ITEM 8 (008---063)(008---119)
 SPECIAL PROVISIONS TO ITEM 9 (009---009)(009---015)(009---016)
 SPECIAL PROVISIONS TO ITEM 300 (300---008)(300---016)
 SPECIAL PROVISION TO ITEM 500 (500---007)
 SPECIAL PROVISION TO ITEM 502 (502---062)
 SPECIAL PROVISION TO ITEM 506 (506---011)
 SPECIAL PROVISION TO ITEM 672 (672---034)
 SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 3221 (3221--001)
 SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 8251 (8251--005)

SPECIAL SPECIFICATIONS:

 ITEM 3221 SEAL COAT (210)(300)(302)(316)(502)(510)
 ITEM 6834 PORTABLE CHANGEABLE MESSAGE SIGN
 ITEM 8094 MOBILE RETROREFLECTIVITY DATA COLLECTION FOR PAVEMENT
 MARKINGS
 ITEM 8251 REFLECTORIZED PAVEMENT MARKINGS WITH RETROREFLECTIVE
 REQUIREMENTS (316)(318)(502)(677)(678)(8094)
 ITEM 8649 REFLECTORIZED PAVEMENT MARKINGS FOR SEAL COAT PROJECT
 (316)(318)(662)(666)(677)(678)
 ITEM 8650 RAISED PAVEMENT MARKERS FOR SEAL COAT PROJECT (677)(678)
 ITEM 8651 REFLECTORIZED PAVEMENT MARKINGS WITH RETROREFLECTIVE
 REQUIREMENTS FOR SEAL COAT PROJECT (316)(318)(502)(677)
 (678)(8094)
 ITEM 8652 WORK ZONE PAVEMENT MARKINGS FOR SEAL COAT PROJECT (666)
 (668)(672)(677)

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.

SPECIAL PROVISION
TO
SPECIAL SPECIFICATION
3221--001
Seal Coat

For this project, Special Specification Item 3221221, “Seal Coat”, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 5. Measurement. Is voided and replaced by the following:

Asphalt Material. Asphalt material, including all components, will be measured at the applied temperature by strapping the tank before and after road application. The distributor calibrated strap stick will be used for measuring the asphalt level in the distributor asphalt tank. The certified tank chart will be used to determine the beginning gallons and the final gallons in the distributor tank. The Gross asphalt gallons are the difference between the beginning gallons and the final gallons.

The volume of asphalt in gallons for payment will be determined as follows:

1. **AC Asphalts.** The net payment gallons will be the gross asphalt gallons.
2. **Emulsion Asphalts.** The net payment gallons will be the gross asphalt gallons.

The project engineer shall take random project samples of the emulsion to verify the emulsion meets specifications requirements.

3. **A-R BINDER Asphalts.** The net asphalt gallons for payment will be determined by multiplying the gross asphalt gallons by the AC / A-R Asphalt Ratio.

The AC / A-R Asphalt Ratio will be stated in the General Notes – Basis of Estimate.