

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 3

DATED 5/08/2006

Control	0816-02-063, ETC.
Project	BR 2005(673), ETC.
Highway	FM 455, ETC.
County	DENTON

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum by entering the date, which appears at the top of this letter on the Addendum Acknowledgement Form, contained in your bid proposal.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: BR 2005(673)

CONTROL: 0816-02-063

COUNTY: DENTON

LETTING: 05/09/2006

REFERENCE NO: 0508

PROPOSAL ADDENDUMS

___ PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-5,5-5)

X GENERAL NOTES (SH. NO.: A-J)

___ SPEC LIST (SH. NO.:)

___ SPECIAL PROVISIONS:)

ADDED:)

DELETED:

___ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEETS 3,4,5,5A-5D,6,6A,7,8,11B,31,54,72

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

BID INSERTS: SHEET 1-5: CHANGED ITEM 168-2001 QUANTITY TO 436.8 MG.
CHANGED ITEM 340-2014 QUANTITY TO 2590 TON.
SHEET 5-5: CHANGED ITEM 662-2032 QUANTITY TO 1086 LF.
ADDED ITEM 662-2067 WITH QUANTITY OF 1094 LF.
ADDED ITEM 662-2099 WITH QUANTITY OF 1094 LF.
CHANGED ITEM 678-2001 QUANTITY TO 2853 LF.

GENERAL NOTES: REPLACED ENTIRE GENERAL NOTES, SHEETS A-J.

PLAN SHEETS: REPLACED SHEETS 3,4,5,5A-5D,6,6A,7,8,11B,31,54,72.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	2002	001	PREPARING ROW DOLLARS and CENTS	STA	9.510	1
	100	2004	001	PREPARING ROW(TREE)(12" TO 24" DIA) DOLLARS and CENTS	EA	5.000	2
	104	2009		REMOVING CONC (RIPRAP) DOLLARS and CENTS	SY	72.000	3
	105	2010		REMOVING STAB BASE AND ASPH PAV (2"- 6") DOLLARS and CENTS	STA	9.210	4
	110	2001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	352.000	5
	132	2005		EMBANKMENT (FINAL)(ORD COMP)(TY C) DOLLARS and CENTS	CY	3,810.000	6
	161	2002		COMPOST MANUF TOPSOIL (BOS) (4") DOLLARS and CENTS	SY	2,052.000	7
	162	2002		BLOCK SODDING DOLLARS and CENTS	SY	2,052.000	8
	168	2001		VEGETATIVE WATERING DOLLARS and CENTS	MG	436.800	9
	340	2014		D-GR HMA(METH) TY-B PG70-22 DOLLARS and CENTS	TON	2,590.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	340	2050		D-GR HMA(METH) TY-C PG70-22 and DOLLARS CENTS	TON	648.000	11
	402	2001		TRENCH EXCAVATION PROTECTION and DOLLARS CENTS	LF	128.000	12
	403	2001		TEMPORARY SPL SHORING and DOLLARS CENTS	SF	388.000	13
	432	2002		RIPRAP (CONC)(5 IN) and DOLLARS CENTS	CY	190.000	14
	450	2011		RAIL (TY T6) and DOLLARS CENTS	LF	400.000	15
	462	2030		CONC BOX CULV (10 FT X 6 FT) and DOLLARS CENTS	LF	288.000	16
	462	2033		CONC BOX CULV (10 FT X 9 FT) and DOLLARS CENTS	LF	168.000	17
	464	2006		RC PIPE (CL III)(27 IN) and DOLLARS CENTS	LF	119.000	18
	464	2024		RC PIPE (CL IV)(30 IN) and DOLLARS CENTS	LF	562.000	19
	464	2028		RC PIPE (CL IV)(48 IN) and DOLLARS CENTS	LF	25.000	20
	466	2052		WINGWALL (PW)(HW=8 FT) and DOLLARS CENTS	EA	2.000	21

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	466	2055		WINGWALL (PW)(HW=11 FT) and DOLLARS CENTS	EA	2.000	22
	467	2290		SET (TY II)(30 IN)(RCP)(6:1)(P) and DOLLARS CENTS	EA	3.000	23
	496	2004		REMOV STR (SET) and DOLLARS CENTS	EA	2.000	24
	496	2007		REMOV STR (PIPE) and DOLLARS CENTS	LF	273.000	25
	496	2009		REMOV STR (BRIDGE 0-99 FT LENGTH) and DOLLARS CENTS	EA	2.000	26
	500	2001	002	MOBILIZATION and DOLLARS CENTS	LS	1.000	27
	502	2001	022	BARRICADES, SIGNS AND TRAFFIC HAN- DLING and DOLLARS CENTS	MO	11.000	28
	506	2003		ROCK FILTER DAMS (INSTALL) (TY 3) and DOLLARS CENTS	LF	76.000	29
	506	2009		ROCK FILTER DAMS (REMOVE) and DOLLARS CENTS	LF	76.000	30
	506	2034		TEMPORARY SEDIMENT CONTROL FENCE and DOLLARS CENTS	LF	1,749.000	31

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	508	2001		CONSTRUCTING DETOURS DOLLARS and CENTS	STA	5.430	32
	512	2008	001	PORT CTB (FUR & INST)(LOW PROF)(TY 1) DOLLARS and CENTS	LF	120.000	33
	512	2009	001	PORT CTB (FUR & INST)(LOW PROF)(TY 2) DOLLARS and CENTS	LF	40.000	34
	512	2026	001	PORT CTB (MOVE)(LOW PROF)(TY 1) DOLLARS and CENTS	LF	120.000	35
	512	2027	001	PORT CTB (MOVE)(LOW PROF)(TY 2) DOLLARS and CENTS	LF	40.000	36
	512	2044	001	PORT CTB (REMOVE)(LOW PROF)(TY 1) DOLLARS and CENTS	LF	120.000	37
	512	2045	001	PORT CTB (REMOVE)(LOW PROF)(TY 2) DOLLARS and CENTS	LF	40.000	38
	540	2002		MTL W-BEAM GD FEN (STEEL POST) DOLLARS and CENTS	LF	275.000	39
	540	2005		TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	4.000	40
	544	2013		GDRAIL END TRT(INSTALL)(HBA POST) DOLLARS and CENTS	EA	4.000	41
	552	2003		WIRE FENCE (TY C) DOLLARS and CENTS	LF	66.000	42

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	658	2261		INSTL DEL ASSM (D-SW)SZ (TYC)GF1(BI) DOLLARS and CENTS	EA	36.000	43
	658	2315		INSTL OM ASSM (OM-2Y)(WC) GND DOLLARS and CENTS	EA	4.000	44
	662	2032		WK ZN PAV MRK NON-REMOV (Y) 4" (SLD) DOLLARS and CENTS	LF	1,086.000	45
	662	2054		WK ZN PAV MRK REMOV (REFL) TY II-A-A DOLLARS and CENTS	EA	52.000	46
	662	2067		WK ZN PAV MRK REMOV (W) 4" (SLD) DOLLARS and CENTS	LF	1,094.000	47
	662	2099		WK ZN PAV MRK REMOV (Y) 4" (SLD) DOLLARS and CENTS	LF	1,094.000	48
	666	2011		REFL PAV MRK TY I (W) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	1,902.000	49
	666	2110		REFL PAV MRK TY I (Y) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	1,902.000	50
	678	2001		PAV SURF PREP FOR MRK (4") DOLLARS and CENTS	LF	2,853.000	51

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General notes:

Specification data

Table 1: Soil Constants Requirements

Item	Description	Plasticity Index		Note
		Max	Min	
132	EMBANK(FINAL)(ORD)(COMP)(TY C)	40	8	1

Note 1: The above PI requirements do not apply to material excavated from the project. Do not use shale and obtain approval to incorporate shaley clay produced by the construction project.

Table 2: Basis of Estimate

Item	Description	Thickness	Rate		Quantity	
162	Block Sod	N/A			2052	SY
166*	Fertilizer	N/A	TBD	Lbs/Ac	TBD	Ton
168	Vegetative Watering	N/A	240	Mg/Ac	436.8	Mg
340	Hot Mix Asphalt (Ty B)		0.330	Ton/Cy	2590	Ton
340	Hot Mix Asphalt (Ty C)		0.110	Ton/Cy	648	Ton
* For contractor's information only						
Note:	Asphalt weight based on 110 Lbs/Sy/inch					

TBD – To be determined in the field according to Dallas District Vegetation Established Guidelines.

General:

Prior to contract letting, bidders may obtain a free computer diskette or electronic files (from the area engineer's office) that contains the earthwork information. If copies of the actual cross-sections, in addition to or instead of the diskette, are requested, they will be available at the engineers office for borrowing by copying companies for the purpose of making copies for the bidder at the bidders expense. This data is for non-construction purposes only and it is the responsibility of the prospective bidder to validate the enclosed data with appropriate plans, specifications and estimate for the project(s).

The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

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FM 455 shall be the first bridge under construction for a period of no less than 90 calendar days prior to beginning construction of Willow Road Bridge unless otherwise directed by the Engineer.

The disturbed area for this project, as shown on the plans is 1.82-acres for the two sites combined (FM 455 – 1.01 AC; Willow Road – 0.81 AC. However, **the Total Disturbed Area** (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

Leave all right of way areas undisturbed until actual construction is to be performed in said areas. The City of Sanger is responsible for the removal and replacement of all fence lines that may be required to be relocated in order to complete the proposed construction.

Submit an updated schedule when the construction falls 7 days behind the schedule submitted under Article 8.2.

Use established industry and utility safety practices to erect poles, luminaries or structures near any overhead or underground utility. Consult with the appropriate utility company prior to beginning such work.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Attention is directed to the possible presence of underground utilities owned by the City of Sanger (irrigation, communication and control) on the right of way on this project. Call for locates and notify the Project Manager for the City of Sanger, and the TxDOT utility section at (214-320-6270) at least 48 hours in advance of excavation. Probing or exposing these facilities may be necessary when excavating or drilling in the vicinity of utilities.

Repair or replace any structures and utilities damaged by construction activities at no cost to the state.

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Remove abandoned utilities to a minimum of one foot below subgrade and plug with a concrete plug with a minimum thickness of three inches.

Submit pre-letting questions by e-mail (to all three listed e-mail addresses) or by fax to Claud P. Elsom III, Chris Behnke, or Linda Dillon as follows:

e-mail: celsom@dot.state.tx.us; cbehnke@dot.state.tx.us; ldillion@dot.state.tx.us

fax: (940) 383-2267. The answers will be submitted in the same format that they are received. A file containing these questions and answers will be available for review at the area engineer's office located at 2624 W. Prairie, Denton, Texas, 76201.

Appropriate personal protective equipment shall be worn at all times while outside of vehicles on the project. All equipment shall conform to OSHA requirements.

Park vehicles on the right-of-way only at sites designated and approved by the City of Sanger Project Manager and the TxDOT engineer at or near the field office, equipment sites or material storage sites subject to the approval of the Engineer

Furnish to the City of Sanger and TxDOT, upon request, a typed, narrative report outlining the manner of prosecution of work intended to follow in the 15-day subsequent period.

This project will be a Five-Day Workweek in accordance with Article 8.3.A.1.

The following standard detail sheets have been modified:

BSC (MOD)

EPIC (MOD)

Item 100:

Existing roadway signs as shown in the plans, or as directed will be removed by City of Sanger maintenance forces during construction. Call for removal and notify City of Sanger officials of the signs to be removed during construction.

The limits of preparing right of way for FM 455 at Dean Creek will be measured from Sta. 20+41.00 to Sta. 25+30.92 along the centerline of construction.

The limits of preparing right of way for Willow Road at Ranger Branch will be measured from Sta. 20+78.00 to Sta. 25+39.00 along the centerline of construction.

Items 104 and 496:

Sawing of concrete will not be paid for directly, but will be considered subsidiary to these items.

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Removal of all concrete and structures of the types specified in the plans will be paid for under the pertinent bid item. The removal of other types of obstructions encountered will be paid for under Item 100, if applicable.

Item 105:

Remove existing variable depth asphalt on the existing roadway surface for each project location using this item. The average width of base removal for the existing roadway on FM 455 is 23' and for the existing roadway on Willow Road is 21' with an assumed base depth of 8".

Saw existing asphalt along neat lines where portions are to be left in place temporarily or permanently. Sawing will not be paid for directly, but will be subsidiary to this item

Take possession of recycled asphalt pavement from the project and recycle the material into the new roadway crown, or if the material is not needed on the project, notify the City of Sanger and TxDOT so a stockpile location can be found. Deliver any unrecycled salvageable material to the City of Sanger. Properly dispose of all unsalvageable material at your own expense. RAP material shall not be allowed in the surface course of the Type C HMA.

Item 110:

Excavation for driveways, sleeper slabs, alleys and intersections will not be paid for directly, but will be considered subsidiary to this item.

Items 110 and 132:

Use an approved laboratory to perform tests for the plasticity index and provide results on sources outside the right of way at no additional expense to the department. Contact the engineer for a list of approved laboratories. Notify the engineer 72 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans.

Shale is not an acceptable material for embankment. Do not use shaley clays in embankment unless approved in writing.

Item 132:

Earth embankment Type "C," is mainly composed of material other than shale. Furnish material that is free from vegetation or other objectionable material and that conforms to the requirements of Table 1 (Sheet A). If necessary, add lime slurry in accordance with Item 260, "Lime Treatment (Road-Mixed)" in order to meet these requirements. Use

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Tex-121-E, figure I, page 5 to calculate the amount of lime required. Furnish material that has soluble sulfate levels of 3000 ppm or less tested in accordance with Tex-145-E. Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way to the department. Contact the engineer for a list of approved laboratories. Notify the engineer 48 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans. The engineer will test material placed or excavated to a depth of one foot below and laterally to one foot outside the proposed treatment limit. Lime treatment and testing of this material will not be paid for directly, but will be considered subsidiary to this item.

Items 160, 161 and 162:

Sequence operations so topsoil is salvaged from one location and placed directly on areas to receive topsoil. Keep stockpiling of sod to a minimum.

Use fertile clay or loam from the project site not more than 2 feet below natural grade.

Blend required topsoil on-site with compost manufactured topsoil as paid for under these items.

Item 301:

Provide manufacturer's instruction for liquid antistripping agent. Add the minimum percentage determined by the manufacturer and try subsequent trials at 0.25% increments, unless otherwise instructed by the manufacture.

Item 340:

Provide the engineer the opportunity to witness all mixture design tests. The engineer may require a retest if not given the opportunity to witness.

Dilution of tack is not allowed.

Use aggregate that meets the SAC requirement of class B.

RAP material shall not be allowed in Type C HMA.

Provide mixture Type B and Type C using PG binder 70-22.

Item 421:

Provide type II cement in class "C" and "S" concrete.

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Strength evaluation using maturity testing, Tex-426-A, shall be used for all concrete elements except drill shafts and mass concrete pours.

Item 427:

Finish concrete structures Surface Area I with an opaque sealer in concrete gray color.

Ensure that surfaces are free of weak surface material, curing compounds and other surface contaminants prior to coating.

Item 428:

Provide a Class I surface treatment.

Items 448 and 496:

This project has structures with surface coatings which may contain lead and/or other hazardous constituents. Contractor is responsible for the health and safety of his employees and compliance with all OSHA standards and regulations.

The contractor is not required to test, remediate, or remove hazardous materials from the existing bridge structures to be removed on this project. The existing steel I-beams shall be removed in their present condition and placed on the city right-of-way for pick-up, salvage and re-use by the City of Sanger.

Item 464:

The concrete collars and the connections of pipes to existing or proposed concrete boxes or pipe will not be paid for directly but will be considered subsidiary to the various bid items.

Where storm drains dead-end, plug with a concrete plug of a thickness equal to 1-1/2 inches per foot of diameter of pipe with a minimum thickness of 3 inches. The cost of the plugs shall be included in the unit price bid per foot of the various storm drain pipes.

Item 496:

Removal of all concrete and steel structures of the types specified in the plans will be paid for under the pertinent bid item. Removal of other types of obstructions encountered will be paid for under Item 100, if applicable.

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Remove existing multi-barrel concrete box culverts on FM 455 using the stage construction sequence as shown in the plans.

Remove existing steel beam girders on Willow Road at Ranger Branch for salvage by the City of Sanger. Notify the City of Sanger and TxDOT at least 48 hours prior to structure removal and placement of salvage structure items on the City of Sanger right-of-way.

Remove existing substructure to 2 feet below finished grade in accordance with this item. Completely remove existing substructure which conflicts with proposed bridge foundations.

Item 502:

Provide written proposed lane closure information by 1:00 pm on the business day prior to the proposed closures. Do not close lanes for which this requirement has not been met.

When excavation is required next to a pavement lane carrying traffic and the widening is not completed by the end of the work day, backfill against the edge of the pavement with at least a 3:1 slope of suitable material to support vehicular traffic. Use an acceptable backfill material. Carefully remove and dispose of this material when work resumes. Backfilling pavement edges, and the materials required for the work will be subsidiary to this item.

Erect a Type III barricade immediately in front of or at each end of all stockpiles that are less than 30 feet from the edge of any traveled lane. Place one Object Marker (OP-2VP) alongside the stockpile for every 100 feet of stockpile length.

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Do not commence work on the road before sunrise. Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Construct the proposed roadway approaches and bridges on Willow Road according to the following suggested sequence of work:

1. Install traffic control devices and close the roadway to thru traffic.
2. Install temporary erosion control devices.
3. Remove the existing bridge superstructure and substructure.
4. Construct proposed bridge-class multi-barrel concrete box culvert, header banks and bank protection.
5. Construct bridge approach roadway.

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6. Place final sod for permanent erosion control and water sod to establish vegetative cover.
7. Remove temporary erosion control devices.
8. Remove traffic control devices and open roadway to thru traffic.

Construct the proposed roadway approaches and culvert on FM 455 according to the following suggested sequence of work:

1. Place low profile CTB on the existing roadway for Phase 1 to shift traffic to a new centerline 2' north (upstream) of the existing centerline. Low Profile CTB shall be securely fastened to the existing roadway.
2. Install erosion control devices.
3. Remove the concrete headwall from the south (downstream) side of the existing box culvert such that the reinforcing steel from the new box culvert can be lap spliced during Phase 2.
4. Construct 24' of the new 4-barrel 10' x 6' concrete box culvert next to the existing box culvert on the south (downstream) side of the existing structure.
5. When the Phase 1 concrete box culvert is complete, move the low profile CTB from the existing lanes to the two 10' wide proposed lanes in the Phase 2 TCP on the newly completed structure. Low Profile CTB shall be securely fastened to the existing roadway.
6. Construct the remaining 48' of the new 4-barrel 10' x 6' box culvert on the north (upstream) side of the Phase 2 lanes.
7. When the Phase 2 construction is complete, remove the low profile CTB from the traffic lanes to complete the asphalt paving work across the entire roadway width of 70'.
8. Place block sod and compost manufactured topsoil.
9. Water block sod and compost manufactured topsoil.
10. Remove erosion control devices.
11. Remove traffic control devices.

Item 504:

Furnish one Field Office (Type E) at one of the two project sites, providing a minimum of five hundred (500) square feet of gross floor area partitioned into a minimum of two rooms and furnished with doors, floor covering and a minimum of two windows in each room. Reinforce doors and windows with burglar bars or similar protection. The bathroom needs to be at least 6 ft X 7 ft with running water. Provide a storage closet a minimum of 3 ft x 3 ft with a secure lock. The building must have two exterior doors. Provide steps to these doors with hand railings. Provide two desks, one computer desk and a 4-drawer metal filing cabinet.

Furnish one Field Laboratory (Type A), non metal structure, at one of the two project sites.

Furnish one Asphalt Mix Control Laboratory (Type D), at each asphalt mixing plant used for this project. Meet the dimensional requirements specified for a Field Laboratory

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(Type A) for the Asphalt Mix Control Laboratory (Type D). Provide one (1) computer and one (1) printer with internet access at each plant used for this project. No direct compensation will be made for providing these items at the asphalt mixing plant(s).

Furnish one Field Laboratory (Type A), at each concrete batch plant used for this project.

Provide solar screens, blinds or shades acceptable to the Engineer.

Provide telephone service and telephone(s) at each location. Provide one telephone extension and one telephone in each room of the Field Office.

The cost of the added phone line, extensions and telephones will be the contractor's responsibility.

Provide a 10 lb. Type A, B, C fire extinguisher for each room of all facilities furnished under this item.

Provide an all weather parking area for state vehicles adjacent to the field office with a minimum size parking area of 60 ft X 40 ft and adequate security lighting. Enclose this parking area with a 6-ft high fence, a top-mounted 3-strand barbed wire, and provide a lockable 12 foot vehicle gate. These items are not paid for directly and considered subsidiary.

Provide beam curing tanks, the tanks are to be elevated to a maximum height of one (1) foot above the ground or as directed by the engineer.

Provide sealed bottled water, a bottled water cooler and disposable paper cups in each Lab and in the Field Office.

The field office and required furnishings provided must be equivalent or better in quality to that utilized for the contractor's field office, and acceptable to the Engineer.

Provide a wage board that is of sufficient size for all required paperwork and all weather.

Maintain all field offices as directed by the engineer.

Provide one (1) desktop computers and one (1) printer at the field office and provide internet service using a digital subscriber line (DSL) or a cable connection.

Item 506:

Erosion control quantities may be adjusted and locations changed to suit field conditions encountered during construction.

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Sheet

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Item 540:

Furnish one type of post throughout the project except as specifically noted in the plans.

Furnish composite blockouts on all metal beam guard fence posts.

Item 585:

Use Surface Test Type A on all travel lanes.

Item 666:

Provide Type III Glass Traffic Beads that meet the requirements of Departmental Materials Specifications DMS-8290.