

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 4/01/2011

Control	0918-45-802
Project	STP 2011(879)
Highway	VA
County	DALLAS

Ladies/Gentlemen:

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

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

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

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

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

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

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2011(879)

CONTROL: 0918-45-802

COUNTY: DALLAS

LETTING: 04/06/2011

REFERENCE NO: 0401

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-9 - 9-9)

X GENERAL NOTES (SH. NO.: B - N)

_ SPEC LIST (SH. NO.:

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: See changes outlined below.

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

Bid Inserts:

- Sheet 1-9: Item 104-2011 quantity changed to 3.
- Item 104-2029 quantity changed to 2196.
- Item 161-2005 quantity changed to 4940.
- Item 162-2002 quantity changed to 4940.
- Item 168-2001 quantity changed to 77.
- Sheet 2-9 Item 360-2060 quantity changed to 662.
- Item 432-2035 quantity changed to 71.
- Sheet 3-9 Item 529-2002 quantity changed to 2215.
- Item 529-2014 quantity changed to 751.
- Sheet 4-9 Item 531-2004 quantity changed to 3969.
- Item 531-2006 quantity changed to 47.
- Item 531-2007 quantity changed to 104.
- Item 531-2008 quantity changed to 24.
- Item 531-2009 quantity changed to 70.
- Item 531-2014 quantity changed to 6.
- Sheet 5-9 Item 618-2022 quantity changed to 279.
- Item 618-2023 quantity changed to 65.
- Item 620-2009 quantity changed to 344.

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

Item 624-2007 is changed to item 624-2008
with a quantity of 121.

Sheet 6-9 Item 644-2058 quantity changed to 106.
Item 666-2042 quantity changed to 12471.
Item 666-2048 quantity changed to 3001.

Sheet 7-9 Item 666-2155 quantity changed to 12471.
Item 666-2157 quantity changed to 3001.
Item 677-2005 quantity changed to 12247.
Item 677-2007 quantity changed to 2914.
Item 678-2004 quantity changed to 12471.
Item 678-2006 quantity changed to 3001.

Sheet 8-9 Item 682-2014 quantity changed to 1.
Item 684-2028 quantity changed to 1466.
Item 684-2030 quantity changed to 187.
Item 687-2001 quantity changed to 28.
Item 690-2024 quantity changed to 24.
Item 690-2026 quantity changed to 24.
Item 690-2030 quantity changed to 63.
Item 690-2032 quantity changed to 50.
Item 690-2128 is deleted.

Sheet 9-9 Item 5522-2006 quantity changed to 40.

Sheets 8-9 - 9-9 information shifted due to the item revisions.

General Notes:

Sheet B: General section revised.

Sheet D: Contact person revised.

Sheet K: Item 618 note replaced.

Sheet L: Item 624 note added.

Sheet M: Item 684 note revised.

Sheets B - N: Information shifted due to the changes above.

Plan set:

The following plan sheets have been replaced:

4, 4A- 4H, 5, 5A-5B, 6, 6A-6G, 7, 7A-7b,
12, 13, 14, 14A-14E, 36, 37, 38, 39, 40, 45, 49,
63, 64, 80, 81, 82, 84, 93, 96, 100, 104, 108,
111, 114, 116, 123, 125, 127, 128, 146, 148,
152, 168, 169, 171, 172

The following sheet has been revised: 2

The following sheet has been deleted: 50

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	104	2001		REMOVING CONC (PAV) and DOLLARS CENTS	SY	27.000	1
	104	2009		REMOVING CONC (RIPRAP) and DOLLARS CENTS	SY	33.000	2
	104	2011		REMOVING CONC (MEDIANS) and DOLLARS CENTS	SY	3.000	3
	104	2029		REMOVING CONC (CURB OR CURB & GUT- TER) and DOLLARS CENTS	LF	2,196.000	4
	104	2036		REMOVING CONC (SIDEWALK OR RAMP) and DOLLARS CENTS	SY	265.000	5
	161	2005	006	COMPOST MANUF TOPSOIL (PB) (4") and DOLLARS CENTS	SY	4,940.000	6
	162	2002		BLOCK SODDING and DOLLARS CENTS	SY	4,940.000	7
	168	2001		VEGETATIVE WATERING and DOLLARS CENTS	MG	77.000	8
	340	2050	003	D-GR HMA(METH) TY-C PG70-22 and DOLLARS CENTS	TON	221.000	9
	354	2024		PLANE ASPH CONC PAV(2" TO 4") and DOLLARS CENTS	SY	383.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	360	2060	003	CONC PAV (JT REINF) VAR DEPTH (6"-13") DOLLARS and CENTS	SY	662.000	11
	432	2035		RIPRAP (CONC)(6 IN) DOLLARS and CENTS	CY	71.000	12
	450	2026	001	RAIL (TY PR2) DOLLARS and CENTS	LF	72.000	13
	450	2073	001	RAIL (HANDRAIL)(TY B) DOLLARS and CENTS	LF	53.000	14
	452	2009		REMOV RAIL (SIDEWALK & METAL ELE- MENTS) DOLLARS and CENTS	LF	51.000	15
	464	2003	003	RC PIPE (CL III)(18 IN) DOLLARS and CENTS	LF	266.000	16
	464	2005	003	RC PIPE (CL III)(24 IN) DOLLARS and CENTS	LF	60.000	17
	465	2001	001	INLET (COMPL)(TY C) DOLLARS and CENTS	EA	9.000	18
	479	2001		ADJ MANHS DOLLARS and CENTS	EA	7.000	19
	479	2006		ADJUST INLET (CAP) DOLLARS and CENTS	EA	9.000	20

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	500	2001	005	MOBILIZATION DOLLARS and CENTS	LS	1.000	21
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	12.000	22
	506	2031	010	SANDBAGS FOR EROSION CONTROL DOLLARS and CENTS	EA	2,000.000	23
	506	2034	010	TEMPORARY SEDIMENT CONTROL FENCE DOLLARS and CENTS	LF	2,000.000	24
	528	2004		LANDSCAPE PAVERS DOLLARS and CENTS	SY	1.000	25
	529	2001		CONC CURB (TY I) DOLLARS and CENTS	LF	59.000	26
	529	2002		CONC CURB (TY II) DOLLARS and CENTS	LF	2,215.000	27
	529	2004		CONC CURB & GUTTER (TY II) DOLLARS and CENTS	LF	169.000	28
	529	2014		CONC CURB (TY C) DOLLARS and CENTS	LF	751.000	29
	530	2010		DRIVEWAYS (CONC) DOLLARS and CENTS	SY	13.000	30

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	531	2004		CONC SIDEWALKS (6") and DOLLARS CENTS	SY	3,969.000	31
	531	2005		CURB RAMPS (TY 1) and DOLLARS CENTS	EA	59.000	32
	531	2006		CURB RAMPS (TY 2) and DOLLARS CENTS	EA	47.000	33
	531	2007		CURB RAMPS (TY 3) and DOLLARS CENTS	EA	104.000	34
	531	2008		CURB RAMPS (TY 4) and DOLLARS CENTS	EA	24.000	35
	531	2009		CURB RAMPS (TY 6) and DOLLARS CENTS	EA	70.000	36
	531	2010		CURB RAMPS (TY 7) and DOLLARS CENTS	EA	113.000	37
	531	2011		CURB RAMPS (TY 8) and DOLLARS CENTS	EA	15.000	38
	531	2013		CURB RAMPS (TY 20) and DOLLARS CENTS	EA	3.000	39
	531	2014		CURB RAMPS (TY 22) and DOLLARS CENTS	EA	6.000	40
	531	2017		CURB RAMPS (TY 21) and DOLLARS CENTS	EA	10.000	41

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	531	2022		CURB RAMPS (TY 7)(MOD) and DOLLARS CENTS	EA	9.000	42
	531	2040		CURB RAMPS (TY 5) and DOLLARS CENTS	EA	8.000	43
	531	2041		CURB RAMPS (TY 10) and DOLLARS CENTS	EA	29.000	44
	531	2046		CURB RAMPS (TY 11) and DOLLARS CENTS	EA	1.000	45
	540	2030	023	MTL BEAM GD FEN (MOVE AND RESET) and DOLLARS CENTS	LF	50.000	46
	542	2001		REMOVING METAL BEAM GUARD FENCE and DOLLARS CENTS	LF	50.000	47
	544	2001		GUARDRAIL END TREATMENT (INSTALL) and DOLLARS CENTS	EA	1.000	48
	618	2022		CONDT (PVC) (SCHD 40) (3") and DOLLARS CENTS	LF	279.000	49
	618	2023		CONDT (PVC) (SCHD 40) (3") (BORE) and DOLLARS CENTS	LF	65.000	50
	620	2009	001	ELEC CONDR (NO. 6) BARE and DOLLARS CENTS	LF	344.000	51
	624	2008	014	GROUND BOX TY A (122311) W/APRON and DOLLARS CENTS	EA	121.000	52

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	644	2025		INS SM RD SN SUP&AM TY S80(1) SA(T) DOLLARS and CENTS	EA	2.000	53
	644	2058		RELOCATE SM RD SN SUP & AM TY S80 DOLLARS and CENTS	EA	106.000	54
	666	2003		REFL PAV MRK TY I (W) 4" (BRK)(100MIL) DOLLARS and CENTS	LF	450.000	55
	666	2012		REFL PAV MRK TY I (W) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	450.000	56
	666	2036		REFL PAV MRK TY I (W) 8" (SLD)(100MIL) DOLLARS and CENTS	LF	900.000	57
	666	2042		REFL PAV MRK TY I (W) 12"(SLD)(100MIL) DOLLARS and CENTS	LF	12,471.000	58
	666	2048		REFL PAV MRK TY I (W) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	3,001.000	59
	666	2105		REFL PAV MRK TY I (Y) 4" (BRK)(100MIL) DOLLARS and CENTS	LF	450.000	60
	666	2111		REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	450.000	61
	666	2142		REF PAV MRK TY II (W) 4" (BRK) DOLLARS and CENTS	LF	450.000	62
	666	2145		REF PAV MRK TY II (W) 4" (SLD) DOLLARS and CENTS	LF	450.000	63

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2153		REF PAV MRK TY II (W) 8" (SLD) DOLLARS and CENTS	LF	900.000	64
	666	2155		REF PAV MRK TY II (W) 12" (SLD) DOLLARS and CENTS	LF	12,471.000	65
	666	2157		REF PAV MRK TY II (W) 24" (SLD) DOLLARS and CENTS	LF	3,001.000	66
	666	2176		REF PAV MRK TY II (Y) 4" (BRK) DOLLARS and CENTS	LF	450.000	67
	666	2178		REF PAV MRK TY II (Y) 4" (SLD) DOLLARS and CENTS	LF	450.000	68
	677	2005		ELIM EXT PAV MRK & MRKS (12") DOLLARS and CENTS	LF	12,247.000	69
	677	2007		ELIM EXT PAV MRK & MRKS (24") DOLLARS and CENTS	LF	2,914.000	70
	678	2001		PAV SURF PREP FOR MRK (4") DOLLARS and CENTS	LF	1,800.000	71
	678	2003		PAV SURF PREP FOR MRK (8") DOLLARS and CENTS	LF	900.000	72
	678	2004		PAV SURF PREP FOR MRK (12") DOLLARS and CENTS	LF	12,471.000	73
	678	2006		PAV SURF PREP FOR MRK (24") DOLLARS and CENTS	LF	3,001.000	74

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	682	2014	001	PED SIG SEC (12 IN) LED (2 INDICATIONS) DOLLARS and CENTS	EA	1.000	75
	684	2028		TRF SIG CBL (TY A) (14 AWG) (2 CONDR) DOLLARS and CENTS	LF	1,466.000	76
	684	2030		TRF SIG CBL (TY A) (14 AWG) (4 CONDR) DOLLARS and CENTS	LF	187.000	77
	687	2001	004	PED POLE ASSEMBLY DOLLARS and CENTS	EA	28.000	78
	688	2001		PED DETECT (2 INCH PUSH BTN) DOLLARS and CENTS	EA	113.000	79
	690	2024		REMOVAL OF SIGNAL HEAD ASSM DOLLARS and CENTS	EA	24.000	80
	690	2026		INSTALL OF SIGNAL HEAD ASSM DOLLARS and CENTS	EA	24.000	81
	690	2030		REMOVAL OF PEDESTRIAN PUSH BUTTONS DOLLARS and CENTS	EA	63.000	82
	690	2032		INSTALL OF PEDESTRIAN PUSH BUTTONS DOLLARS and CENTS	EA	50.000	83
	690	2063		REMOVAL OF CONCRETE FOUNDATIONS DOLLARS and CENTS	EA	1.000	84
	690	2182		MODIFY OF GROUND BOXES DOLLARS and CENTS	EA	15.000	85

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	5522	2006		RETROFIT DET WARN SURF(SURF APP OR CIP) and DOLLARS CENTS	EA	40.000	86

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******Contractor and project inspectors are required to attend training and preconstruction meeting prior to beginning any activities. The training will be provided by the Department or Consultant.******

SW3P RESPONSIBILITIES

TxDOT Area of Responsibility

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though are not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

TxDOT Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Contractor Area of Responsibility

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

Contractor Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

SPECIFICATION DATA

Item	Description	Thickness	Rate		Quantity	
162	Block Sod	N/A			4944	SY
166 *	Fertilizer (12-6-6)	N/A	500	Lbs/Ac		Ton
168	Vegetative Watering	N/A		Mg/Ac	77.1	Mg

* For contractor’s information only

Table 3: Basis of Estimate for Temporary Erosion Control Items

Item	Description	Rate		Quantity	
166*	Fert (12-6-6)	500	Lbs /Ac		Ton
168	Vegetative Watering		Mg/Ac		Mg

*For contractor’s information only

GENERAL

The Engineer may modify the plans to clear conflicting utilities if in his opinion the conflicting utilities can not be adjusted to clear construction activities within five working days of the contractor's written notice of intent to utility companies plus any time extension granted by the Engineer.

Access will be provided to all business and residences at all times. Materials, labor and maintenance for these temporary accesses will not be paid for directly but will be considered subsidiary to the various bid items.

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.

Environmental commitments are listed on the EPIC sheet of the plans. Absolute adherence to those commitments is required.

The disturbed area for this project, as shown on the plans is less than one acre. 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

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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).

This project required permits with environmental resources agencies. There is a high probability that an environmentally sensitive area could be encountered on the contractor designated Project-Specific Locations (PSL) for this project (haul roads, equipment staging areas, borrow pits, disposal sites, field offices, storage areas, parking areas, etc.). Item 7.19.F, "Project-Specific Locations", will provide a listing of regulatory agencies that may need to be contacted regarding this project.

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

When working near aerial electrical lines and/or utility poles, provide adequate safety measures as needed to comply with the appropriate sections of Federal and State regulations. For electrical lines and poles shown in the plans, if the lines need to be de-energized and/or if poles need to be braced, contact the electrical company to coordinate the de-energizing and bracing. Work pertaining to de-energizing lines, bracing poles and any other protective measures required will not be paid for at the expense of TxDOT.

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

Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communication & control, call TxDOT Traffic Signal Office (214-320-6682) and/or TxDOT Freeway Management Office (214-320-4439) for locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Maintenance Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Perform all electrical work in accordance with the National Electrical Code and Texas Department of Transportation Specifications.

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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.

Consult with appropriate electric company representatives according to their respective area to coordinate electrical services installations.

Meet weekly with the engineer to notify him or her of planned work for the upcoming week.

Provide the engineer with a daily work schedule of planned work.

Submit pre-letting questions by e-mail or fax as follows:

Ray Wells, P.E., West Dallas Area Office

e-mail: raymond.wells@txdot.gov

The answers will be submitted in the same format in which they are received.

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

The following standard detail sheets have been modified:

Plan set does not contain modified standards.

When construction operations are within 400 feet of a signalized intersection, the Contractor will contact the District to determine/verify the location of loop detectors, conduit, ground-boxes, etc. prior to beginning work. Any signal equipment damaged by the construction operations shall be repaired or replaced. The method of repair or replacement shall be pre-approved and inspected by the Engineer. 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 the cost of this work, and deducted from the monthly estimate.

Remove and stockpile all grass and/or topsoil from the area of construction before placing concrete. Backfill all edges with salvaged materials. Furnish and place topsoil and sod as directed to return all areas to original conditions. Consider subsidiary to pertinent Items.

Sweep and remove all litter, construction debris and surplus material on the right of way within the project limits to keep the jobsite neat at all times. Keep roadways and sidewalks free of sediment. Consider subsidiary to pertinent Items.

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Restrict construction vehicles from traversing unprotected construction areas and areas with vegetative cover.

If deemed necessary, the Engineer will determine actual time and placement locations of BMP's and temporary measures once construction has begun.

Item 8

This Project will be a Five-Day Work week in accordance with **Article 8.3.A.1.**

Project Specific Notes

On this project, work will need to be ceased as determined by the engineer to accommodate Fair activities. The project will be left in a condition that will have the least impact on the traveling public as practicable as determined by the engineer. No additional time or compensation will be allowed for these actions.

Removal of existing foundations, miscellaneous concrete, and various structures identified on the plans, are not paid for specifically but are subsidiary to the various bid items.

Proposed curb ramps, sidewalks, curbs, and riprap is to be doweled 8in minimum into existing, using 1/2in reinforcement placed on 12in centers.

Curb wall along ramps and landings, unless otherwise shown on the plans, is not paid for separately but is subsidiary to the ramp or landing. If the wall extends above the plane of the ramp, Ty C wall, unless otherwise noted on the plans, should be utilized. Ty C wall is paid for under Item 529. See special details sheets for more information.

Miscellaneous site grading and excavation is not paid for separately and is subsidiary to the various bid items. This includes areas behind proposed retaining walls unless otherwise specified on the plans.

Areas labeled with a "T" on the construction drawings allow the contractor to transition to existing conditions. Slope and grade of all transitions must be approved by the engineer.

Existing sign placards on SH 180 curb returns should be saw cut and relocated to the face of curb for the proposed curb return. This work is not paid for separately but is subsidiary to item 531.

It is the Contractors responsibility to ensure 36" clear width along the accessible route when signs are adjusted.

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Sediment control fence and sand bags are to be used as directed by the engineer.

Pedestrian extensions should match Campbell Company PPB 6" or H Extension Mounting Bracket or similar.

Item 100:

Remove and replace the existing roadway signs as shown on the plans, or as directed, during construction within the right of way.

Item 104:

Saw cut clean, accurate lines for concrete removal adjacent to existing drives and sidewalks to remain in place and at other locations as directed. Saw cutting is not a separate pay item.

Items 105, 251, 305, and 354:

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

Item 105:

Properly dispose of unsalvageable material at your own expense.

Items 110 and 132:

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

Item 160:

Block sod is to be Bermuda or St. Augustine. Obtain approval for required species from engineer prior to placement.

Item 168:

Block sod is to be Bermuda or St. Augustine. Obtain approval for required species from engineer prior to placement.

Item 340:

Design for a target Laboratory-molded density of 97.0% when using the TGC (Tex-204-F, Part I)

Use aggregate that meets the Surface Aggregate Classification (SAC) requirement of Class B.

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.

Provide PG binder 64-22 in Type B mixture.

Provide PG binder 70-22 in Type C (Surface) mixture.

Item 354:

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

Patch pavement cut to excessive depth by equipment failure with an approved epoxy material. Re-plane patched area to an acceptable approved ride quality. Payment for these corrections is subsidiary to this item.

Item 360:

Provide Class HES concrete where concrete pavement or pavement repair is specified in the plans. Design Class HES to meet the requirements of Class P and a minimum average flexural strength of 400 psi or minimum average compressive strength of 2600 psi in 24 hr.

Item 400:

Structural Excavation is not paid for directly but is considered subsidiary to pertinent Items.

When placing concrete storm drain pipe on slopes of greater than 10 percent, provide cement stabilized backfill to a depth shown on the plans. The aggregate shall conform to the requirements of Article 421.2.E.2.

Item 427:

Surface Area 1 shall receive a rub finish unless otherwise shown on the plans.

Item 450:

Verify dimensions in the field prior to fabrication of pedestrian handrail.

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.

Item 471:

Tackweld all inlet grates and manhole covers to the frame with two 1-inch welds. Supply un-painted cast iron inlet grate and frame and/or cast iron manhole frame and cover.

Item 479:

County: Dallas

Control: 0918-45-802

Highway: Various

Accept ownership of inlet grates and manhole covers and properly dispose of them outside the limits of the right of way in accordance with federal, state and local regulations.

Submit a plan detailing proposed methods of handling phased construction at manholes and water valves.

Payment for the phase construction will be considered subsidiary to this item.

Item 496:

Salvage all existing inlet grates and manhole covers being removed.

Item 500:

"Materials on Hand" payments will not be considered in determining percentages used to compute mobilization payments.

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 when this requirement is not 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 using an acceptable material to support vehicular traffic. 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.

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 operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the engineer.

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

Provide 1 shadow vehicles equipped with truck mounted attenuators as shown on the traffic control plan.

Additional lanes may be closed during Off Peak Times or Lowest Times with written permission of the Engineer. Lane Closures during Off Peak Times may be started earlier or be extended later with written permission of the Engineer.

Traffic Control Plans with Lane Closures causing backups of 20 minutes or greater in duration will be modified by the Engineer.

Place barricades prior to work at each intersection and leave in place until all work is completed.

Install plastic mesh construction fence around each construction area if left unattended for more than two (2) hours or at the end of the work day.

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

Provide within the limits of the project standard barricades, warning signs, delineators, lights, 28- in. 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 CW20-5R or CW20-5L with appropriate distance plaques and CW9-2R or CW9-2L 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.

Do not close any lanes before 9:00 AM. All lanes must reopen by 4:00 PM.

Ensure all permanent signs necessary for the operation of any roadway are installed before opening that section of roadway to traffic, regardless of the phase during which the roadway construction occurs. Erect the signs on temporary mounts if necessary until the permanent mounts are installed. Consider subsidiary to the pertinent Item. Repair or replace any signs which are damaged by the Contractor's operations during construction or which are deemed insufficient.

When directed or approved, provide two uniformed, off-duty law enforcement officers with two officially marked vehicles (if patrol cruisers are available from the enforcement agency involved) during any work that requires a lane to be closed. These officers in patrol cruisers (if provided) will be located as directed/approved by the Engineer to monitor and/or direct traffic during the lane closure. The method used to direct traffic at signalized intersections will be as directed by the Engineer. Additional officers and cruisers may be required when directed/approved by the Engineer.

Uniformed law enforcement officers shall be used when directed by the Engineer. Rates for law enforcement officers and marked vehicles shall be by invoice plus 5%. Pedestrian detour routes may be necessary. Cost associated with temporary paths, signing, etc. are subsidiary to this item.

Item 506:

SW3P Maintenance Reports are made every seven calendar days. Make corrections as soon as possible before the next anticipated rain event or within seven calendar days

after being able to enter the site to work for each BMP. A BMP site being "Too Wet to Work" is the only acceptable reason for not accomplishing the corrections with the seven calendar day time limit and should be thoroughly documented on Form 2118. If maintenance corrections are not made within this time frame then all work will cease, time charges will continue until SW3P is brought into compliance and is documented on Form 2118 after TxDOT review.

This in no way releases the contractor of liability for noncompliance.

Obtain from the Engineer a copy of the project's TPDES Storm Water Program and Notice of Intent or Construction Site Notice. Laminate the sheets and bond with adhesive to 36" X 48" plywood sign blanks. Ensure the sheets remain dry. Apply Type C Blue reflective sheeting as the background and add the text "SW3P" in 5" white lettering, centered at the top. Attach the signs to approved temporary mounts and locate at each of the project limits or as directed by the Engineer. SW3P Signs, maintenance, and repostings will be subsidiary to Item 502.

Obtain the Engineer's approval for proposed methods used for erosion control before starting each phase of construction.

Consider the SW3P for this project to consist of the following items as directed:

- Temporary Sediment Control Fence
- Biodegradable Erosion Control Logs
- Sandbags

Item 529:

Provide grooved joints at 10-foot intervals and 3/4 inch expansion joint material for doweled curb at the same locations as on the existing pavement.

For Curb and Gutter sections, provide grooved joints at 10-foot intervals and 3/4 inch expansion joint material at a maximum of 50-foot centers and at all radius points and inlets.

Curb and Gutter transitions will be paid for by the foot at the unit price for the corresponding curb or curb and gutter section.

Saw joints at the same location as on the existing pavement.

Item 531:

All compliant ramps are to remain in place.

Use an approved cast-in-place detectable warning system for new ramps.

Highway: Various

Construct compliant curb ramps based upon referenced design criteria, Texas Accessibility Standards and TxDOT Pedestrian Facilities Standards. Consider the locations of existing traffic and pedestrian control devices including loop detectors and pedestrian push buttons during curb ramp construction at signalized intersections, and construct ramps to allow such existing facilities to remain undisturbed and reused to the fullest extent possible while providing for full ADA compliance. All corners are unique and it may be necessary to use various combinations of ramp elements to achieve a compliant ramp configuration.

Review the curb ramp location and layout with TxDOT inspector prior to demolition so that both parties agree that the curb ramp can be installed properly. Secure approval of all ramp locations prior to the placement of any permanent feature. Should it become apparent at any time during the ramp layout and construction process that a curb ramp cannot be installed as indicated on the Project Drawings, promptly notify the TxDOT inspector.

Any approval, inspection, or checking of the contractor's layout by TxDOT and the acceptance of all or any part of it shall not relieve the contractor of his responsibility to secure the proper dimensions, grades and elevations of the various parts of the work. Proper dimensions are detailed on TxDOT Ped 05 standard details sheet and must conform to TDLR and TAS requirements for slopes and grades.

Construction of each curb ramp is to be completed within seven (7) working days after start of construction process. Work shall be allowed to take place at multiple intersections in any direction. Construction process of curb ramps shall include: demolition of existing conditions, placement of concrete or brick, removal of lips, street surface patching in front of the curb or ramp, adjustment of counter slope within 24-inches of the bottom of the ramp or curb and gutter, street level landings, backfill, placement of topsoil, grading and sodding, and clean-up. All other related work such as adjustment of crosswalk, special heat-welds, asphalt overlays, and other work that does not affect accessibility shall be completed per a schedule pre-approved by TxDOT.

Item 540:

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

Item 618:

Electrical certification for this project will be as per Item 7 of the current Texas Standard Specifications and any special provisions to Item 7.

Use materials from pre-qualified producers as shown on the Construction Division (CST) of the Texas Department of Transportation (TxDOT) material producers list. Use the following website to view this list: Category is "Roadway Illumination and Electrical Supplies"

County: Dallas

Control: 0918-45-802

Highway: Various

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

Place conduit under existing pavement by an approved boring method. Do not place boring pits closer than 2 feet from the edge of the pavement unless otherwise directed. Do not use water jetting. When boring is used for under pavement conduit installations, the maximum allowable over-cut is 1" in diameter. When conduits are bored, do not exceed 18 inches in the vertical and horizontal tolerances as measured from the intended target point.

Do not use a pneumatically driven device for punching holes beneath the pavement (commonly known as a "missile").

Furnish and install a non-metallic pull rope in conduit runs in excess of 50 feet.

Use a colored cleaner-primer on all PVC to PVC joints before application of PVC cement.

Adjust conduit and ground boxes as determined by the new location of curb ramps. Prior to casting ground boxes in place at same grade of new sidewalk or curb ramp verify final location and grade with TxDOT inspector. Install conduit in an area not exceeding 2 ft. in any direction from a straight line with the depth of the conduit at least 2 ft. unless otherwise shown on the plans.

The location of conduits and ground boxes are diagrammatic only and may be shifted to accommodate field conditions as directed.

Seal all conduit ends with a pliable, non-hardening, non-toxic duct seal. Use a duct seal that does not adversely affect other plastic materials or corrode metals.

Furnish and install non-metallic pull ropes in conduit installed for future use and cap using standard weather-tight conduit caps, as approved. This work will not be paid for directly, but is subsidiary to this Item.

Item 624:

Remove and replace all ground boxes that need to be adjusted to new sidewalk grade. Ground boxes conforming to the requirements of Item 624 and ED(3)-03 may be reinstalled as approved.

Item 644:

The contractor will prepare a traffic sign inventory prior to the commencement of any sign removal work. The inventory shall show the sign type, size, condition, and location. The inventory shall be approved by the Engineer.

County: Dallas

Control: 0918-45-802

Highway: Various

Item 666:

Install all pavement markings in accordance with the Texas MUTCD. Elimination and installation of pavement markings may be accomplished in one phase toward the end of construction. Interim construction pavement markings shall be required and paid for under the appropriate pay items.

Apply Type I Reflectorized Pavement Markings with a thickness of 100 mils.

Reference all existing islands, gores, and lane striping before commencing work and provide referencing that will include a sketch of the layout to the Engineer. Obtain approval for placement of guide-marks before installing any permanent pavement markings. Consider subsidiary to the pertinent Item.

Item 677:

Use an approved mechanical method for the elimination of existing thermoplastic pavement markings. Damage to the pavement resulting from the removal raised pavement marker will be repaired by the contractor at his own expense.

Remove and properly dispose of any existing raised pavement markings before beginning surfacing operations. Remove the existing traffic buttons and pavement markers daily as work progresses and as directed. Consider subsidiary to the pertinent Item.

Item 684:

Provide 18 AWG Type C signal cables for loop detector lead-ins.

Provide stranded 14 AWG Type A signal cables.

Provide a separate multi-conductor signal cable (14 AWG) inside pedestal poles and mast arm signal poles from the terminal strip to each signal head as shown on the plans.

Item 687:

The placement of the pedestrian push button pole has to be coordinated with the ground surface landing to access the button. The locations of the ramp and landing as shown in the plans can be shifted with the approval of the engineer to accommodate field conditions.

Item 688:

The pedestrian push button will be raised or flush and be a minimum of 2 inches in the smallest dimension. The force to activate the control will be no greater than 5 lb/f. The button placement has to be coordinated with the ground surface pad to access the button. The pedestrian push button shall be wired with a 2/C#14 loop detector cable in lieu of a #12 A.W.G. XHHW wire.

Project Number: STP 2011 (879)

Sheet:

County: Dallas

Control: 0918-45-802

Highway: Various

Item 690:

Install Type C or D ground boxes as replacements. Ground boxes conforming to the requirements of Item 624 and EC (3)-03 may be reinstalled as approved.

Minor adjustments to existing pedestrian signal heads may be required and will be as directed. This work will not be paid for directly but shall be considered subsidiary to the various bid items.

Item 5522:

Apply an approved surface applied detectable warning surface to otherwise compliant existing curb ramps as directed.