

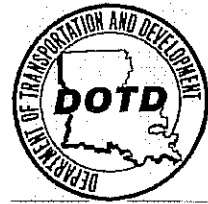


BOBBY JINDAL
GOVERNOR

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

P.O. Box 94245
Baton Rouge, Louisiana 70804-9245

www.dotd.la.gov
225-379-1485



WILLIAM D. ANKNER, Ph.D.
SECRETARY

February 16, 2009

STATE PROJECT NOS. 704-44-0012 & 704-44-0013
FEDERAL AID PROJECT NOS. ER-ERP1(082) & ER-ERP1(083)
PERMANENT REPAIR TO FEDERAL AID ELIGIBLE ROADS
JEAN LAFITTE PKWY. & PATRICIA ST.
ST. BERNARD PARISH

SUBJECT: ADDENDUM NO. 1 (CONSTRUCTION PROPOSAL REVISION)
ELECTRONIC BIDDING AMENDMENT NO. 1

Gentlemen:

The following proposal revisions dated 2/16/09 on the captioned project for which bids will be received on Wednesday, February 25, 2009 have been posted on <http://www.dotd.la.gov/cgi-bin/construction.asp>.

The following changes have been made:

1. Added the special provision entitled **PROSECUTION OF WORK**. (1 page)
2. Updated Labor Wages (4 pages)
3. Plan Revision No. 1 is included. (6 pages)
4. Revised the Schedule of Items as follows: (11 pages)
 - a. Revised the description of Items S-001, S-002, S-003, S-005, S-007, S-023 and S-024.

Please note these revisions in the proposal and bid accordingly. Mandatory electronic bidding is required for this project, and electronic bids and electronic bid bonds must be submitted via www.bidx.com for this letting date.

Sincerely,

RANDAL D. SANDERS, P. E.
CONTRACTS & SPECIFICATIONS ENGINEER

Attachments

cc: Mr. Brian Buckel
Mr. Michael Stack
Mr. Fred Wetekamm
Mr. Jeff Burst
Ms. Margaret Thompson
Mr. Ed Wedge
Mr. Masood Rasoulia
Mr. David Branch, HNTB Corporation
Mr. William Koutnik, HNTB Corporation

PROSECUTION OF WORK: Subsection 108.04 of the 2006 Standard Specifications is amended to include the following:

Work shall automatically be suspended on Saturdays, Sundays, all legal holidays, and after five-thirty (5:30) P.M. until seven (7:00) A.M. of the following day, unless permitted in writing by the Director, New Orleans Department of Public Works. Said permission will not be unreasonably withheld.

General Decision Number: LA080014 02/13/2009 LA14

Superseded General Decision Number: LA20070040

State: Louisiana

Construction Type: Highway

Counties: Jefferson, Orleans, Plaquemines, St Bernard, St Charles, St James, St John the Baptist and St Tammany Counties in Louisiana.

HIGHWAY CONSTRUCTION PROJECTS (Does not include building structures in rest area projects)

Modification Number	Publication Date
0	02/08/2008
1	05/09/2008
2	06/20/2008
3	07/18/2008
4	09/05/2008
5	01/16/2009
6	02/13/2009

CARP1098-005 02/01/2006

ST. JAMES PARISH (North of the Mississippi River)

	Rates	Fringes
PILEDRIVERMAN.....	\$ 19.92	5.65

CARP1846-002 02/01/2006		

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JAMES (South of the Mississippi River), ST. JOHN THE BAPTIST, AND ST. TAMMANY PARISHES

	Rates	Fringes
PILEDRIVERMAN.....	\$ 19.92	5.00

* ELEC0130-010 12/01/2008		

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JAMES, AND ST. JOHN THE BAPTIST PARISHES

	Rates	Fringes
ELECTRICIAN (including traffic signal wiring and installation).....	\$ 25.34	8.00

ELEC1077-007 09/01/2008

ST. TAMMANY PARISH

	Rates	Fringes
ELECTRICIAN (including traffic signal wiring and installation).....	\$ 21.25	6.00

ENGI0406-015 07/01/2008		

	Rates	Fringes
POWER EQUIPMENT OPERATOR Asphalt/Aggregate Spreader..	\$ 20.76	5.70

IRON0058-004 06/01/2008		

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 19.40	6.82

SULA2004-014 07/30/2004		

	Rates	Fringes
CARPENTER (including formbuilding/formsetting).....	\$ 13.42	3.04
Cement Mason/Concrete Finisher...	\$ 13.24	1.68
IRONWORKER, REINFORCING.....	\$ 15.84	3.47
Laborers		
Asphalt Raker.....	\$ 10.13	0.18
General.....	\$ 9.26	1.14
Guardrail.....	\$ 8.81	1.80
Mason Tender.....	\$ 8.51	1.20
Pipelayer.....	\$ 9.99	1.20
Striping/Pavement Marker includes paint striping and attachment of reflector buttons.....	\$ 8.24	1.20
Traffic Control including flagger, sign placement, barricades, and cones.....	\$ 8.39	1.80
Painter, Brush, Spray and Roller.....	\$ 14.16	2.03
Power Equipment Operators		
Asphalt Paving Machine.....	\$ 14.38	0.18
Asphalt Screed.....	\$ 13.76	2.20
Backhoe/Excavator.....	\$ 13.93	3.00
Broom/Sweeper.....	\$ 12.78	2.92
Bulldozer.....	\$ 13.58	0.00

Crane.....	\$ 17.20	3.30
Front End Loader.....	\$ 13.31	0.00
Mechanic.....	\$ 13.53	2.92
Milling/Cold Planing Machine includes Rotomill and CMI Cutter.....	\$ 15.50	0.00
Motor Grader/Blade.....	\$ 14.42	3.02
Oiler.....	\$ 13.91	2.37
Post Driver.....	\$ 13.73	0.00
Roller.....	\$ 13.11	3.30
Trackhoe.....	\$ 11.00	0.00
Trenching/Boring Machine....	\$ 12.51	0.00
Truck drivers		
Dump (all types).....	\$ 10.64	0.18
Flatbed.....	\$ 10.87	0.00
Lowboy.....	\$ 13.24	0.00
Pickup.....	\$ 10.60	0.00
Water.....	\$ 12.00	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
- * an existing published wage determination
 - * a survey underlying a wage determination
 - * a Wage and Hour Division letter setting forth a position on a wage determination matter
 - * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.)

and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

SHEET NO. DESCRIPTION

1 TITLE SHEET (LOCATION AND SCOPE)

1a TITLE SHEET (GENERAL CONSTRUCTION NOTES)

2 - 2a TYPICAL SECTIONS

3 - 3b SUMMARY OF ESTIMATED QUANTITIES

3c - 3j

4-8 PLAN SHEETS (JEAN LAFITTE PKWY.)

9-12 GEOMETRIC LAYOUT (JEAN LAFITTE PKWY.)

13 SUGGESTED SEQUENCE OF CONSTRUCTION (JEAN LAFITTE PKWY.)

14-15 PLAN SHEETS (PATRICIA STREET)

16-17 GEOMETRIC LAYOUT (PATRICIA STREET)

18 SUGGESTED SEQUENCE OF CONSTRUCTION (PATRICIA STREET)

19 PAVEMENT MARKINGS AT DR. MERAUX BLVD. (PATRICIA STREET)

20-27 SPECIAL DETAILS

28 TC-00 THRU TC-07

29 TC-14

30-32 CRR 01, CRR 02, CRR 12 (DOTD)

101-102 STANDARD PLAN

103-106 EC-01 (DOTD)

107-111 PM-01 (DOTD)

112-113 CR-1 THRU CR-5 (PARISH STADARDS)

114-117 C-1 THRU C-2 (PARISH STADARDS)

118 D-1 THRU D-4 (PARISH STADARDS)

HANDICAPPED RAMP DETAILS

STATE OF LOUISIANA

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SUBMERGED ROADS PROGRAM

STATE PROJECT NUMBERS 704-44-0012 & 704-44-0013

FEDERAL PROJECT NUMBERS ER-ERP1(082) & ER-ERP1(083)

PERMANENT REPAIR TO FEDERAL AID ELIGIBLE ROADS

JEAN LAFITTE PARKWAY AND PATRICIA STREET

ST. BERNARD PARISH

JEAN LAFITTE PARKWAY
STA. 10+45
BEG. S.P. 704-44-0012
STA. 9+44+92
END S.P. 704-44-0012

PATRICIA STREET
STA. 10+45
BEG. S.P. 704-44-0013
STA. 45+00
END S.P. 704-44-0013

REV. DATE

10-01-2008 1

01-21-1998

12-03-2007

12-03-2007

12-03-2007

DATE

02-9-09 S.M.S. 1, 3-3b, 101 and 102

DATE RECOMMENDED DATE APPROVED

2/16/09 2/12/09

DATE

02-9-09 S.M.S. 1, 3-3b, 101 and 102

DATE RECOMMENDED DATE APPROVED

2/16/09 2/12/09

STATE OF LOUISIANA

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

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JEAN LAFITTE PARKWAY AND PATRICIA STREET

ST. BERNARD PARISH

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END S.P. 704-44-0012

PATRICIA STREET
STA. 10+45
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DATE RECOMMENDED DATE APPROVED

2/16/09 2/12/09

DATE

02-9-09 S.M.S. 1, 3-3b, 101 and 102

DATE RECOMMENDED DATE APPROVED

2/16/09 2/12/09

NOTE:

THE 2006 EDITION OF THE LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT.

JEAN LAFITTE PKWY.

PATRICIA STREET

TITLE SHEET

JEAN LAFITTE PKWY.

PATRICIA STREET

TITLE SHEET

JEAN LAFITTE PKWY.

PATRICIA STREET

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PATRICIA STREET

TITLE SHEET

JEAN LAFITTE PKWY.

PATRICIA STREET

TITLE SHEET

JEAN LAFITTE PKWY.

PATRICIA STREET

TITLE SHEET

DATED 02/06/09 09:45:41

		F. A. P. NO.	STATE PROJECT	PARISH	SHEET NO.
		ER-ERP1(082)	704-44-0012	ST BERNARD	
		ER-ERP1(083)	704-44-0013	ST BERNARD	
SUMMARY OF ESTIMATED QUANTITIES					
ITEM NO.	ITEM	UNIT	S.P. NO.	QUANTITY	TOTAL QUANTITY
202-02-D	REMOVAL OF CONCRETE WALKS & DRIVES	SQYD	704-44-0013	300	550
204-05-A	TEMPORARY SEDIMENT CHECK DAMS (HAY)	EACH		10	20
204-06	TEMPORARY SILT FENCING	LNFT	100	100	200
302-02-C	CLASS II BASE COURSE (8" THICK)(CRUSHED STONE)	SQYD	11,000.0	3,410.0	14,410.0
502-01	SUPERPAVE ASPHALTIC CONCRETE	TON	5,260.0		5,260.0
502-01-A	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS	TON	855.0		855.0
510-01-B	PAVEMENT PATCHING (12" MINIMUM THICKNESS)	SQYD	7,100		7,100
602-02-A	CLEANING AND RESEALING EXISTING LONGITUDINAL PAVEMENT JOINTS	LNFT	17,000	4,000	21,000
602-02-B	CLEANING AND RESEALING EXISTING TRANSVERSE PAVEMENT JOINTS	LNFT	13,000	5,000	18,000
602-03	CLEANING AND SEALING CRACKS	LNFT	500		500
602-05-I-01	FULL DEPTH PATCHING OF JOINTED CONC PVMT (9" THICK)(16.0 SQ YDS & UNDER)	SQYD		105.0	105.0
602-05-I-02	FULL DEPTH PATCHING OF JOINTED CONC PVMT (9" THICK)(16.1 SQ YDS)	SQYD		370.0	370.0
602-05-I-03	FULL DEPTH PATCHING OF JOINTED CONC PVMT (9" THICK)(48.1 SQ YDS & OVER)	SQYD		3,000.0	3,000.0
706-01-A	CONCRETE WALK (4" THICK)	SQYD	250.0	300.0	550.0
706-02-C	CONCRETE DRIVE (6" THICK)	SQYD	100.0	100.0	200.0
713-01	TEMPORARY SIGNS & BARRICADES	LUMP			LUMP
713-02-B	TEMPORARY PAVEMENT MARKINGS (6" WIDTH)	LNFT	70%	30%	LUMP
713-02-C	TEMPORARY PAVEMENT MARKINGS (8" WIDTH)	LNFT	500	500	1,000
713-05-A	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (ARROW)	EACH	100	250	350
713-05-C	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (ONLY)	EACH	2	9	11
713-05-F	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (STOP)	EACH	2	4	6
714-01	SLAB SODDING	SQYD	100	100	200
717-01	SEEDING	LB	50	50	100
718-01	FERTILIZER	LB	1,000	2,000	3,000
723-02	GRANULAR MATERIAL (VEHICULAR MEASUREMENT)	CUYD	200	200	400
727-01	MOBILIZATION	LUMP	70%	30%	LUMP

DATED 02/06/09 09:45:41

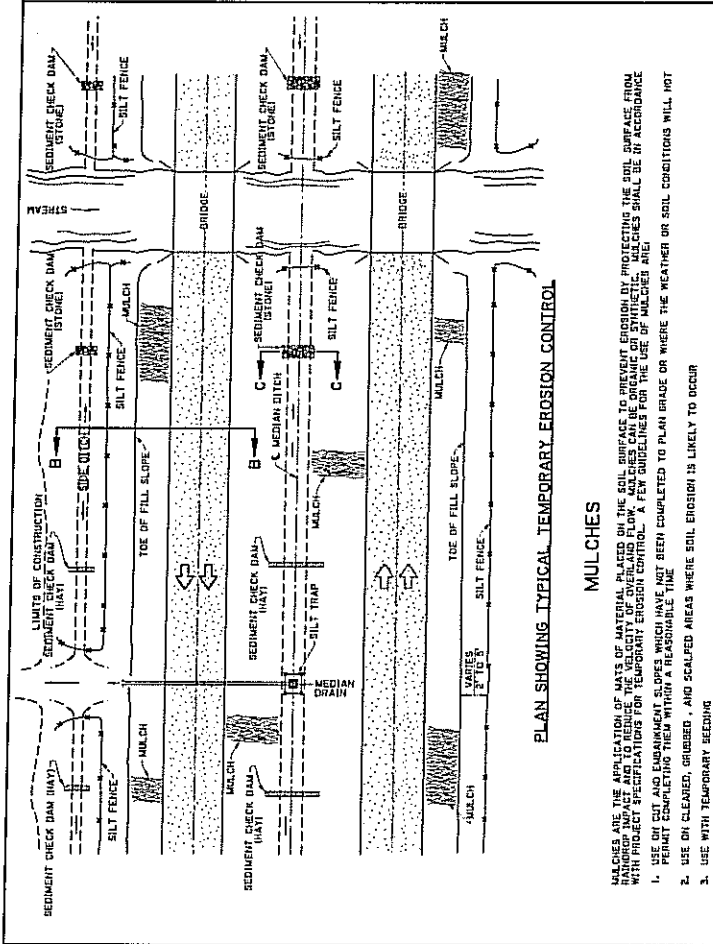
		F. A. P. NO.		STATE PROJECT		PARISH		SHEET NO.	
		1ER-ERP1(082)		1704-44-0012		1ST BERNARD			
		1ER-ERP1(083)		1704-44-0013		1ST BERNARD			
SUMMARY OF ESTIMATED QUANTITIES									
ITEM NO.	ITEM	UNIT	QUANTITY		S.P. NO.	S.P. NO.	TOTAL	QUANTITY	
			704-44-0012	704-44-0013					
731-02	REFLECTORIZED RAISED PAVEMENT MARKERS	EACH	50	150				200	
732-01-B	PLASTIC PAVEMENT STRIPING (6" WIDTH)	LNFT	500			500		1,000	
732-01-C	PLASTIC PAVEMENT STRIPING (8" WIDTH)	LNFT	100			250		350	
732-01-E	PLASTIC PAVEMENT STRIPING (24" WIDTH)	LNFT	70			50		120	
732-02-A	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)	MILE				0.200		0.200	
732-03-A	PLASTIC PAVEMENT STRIPING (BROKEN LINE)(4" WIDTH)	MILE				0.030		0.030	
732-04-A	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW)	EACH	2			9		11	
732-04-C	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ONLY)	EACH	2			4		6	
732-04-F	PLASTIC PAVEMENT LEGENDS & SYMBOLS (STOP)	EACH				4		4	
732-05	REMOVAL OF EXISTING MARKINGS	MILE	0.100			0.400		0.500	
736-09	LOOP DETECTOR	LNFT	500			200		700	
740-01	CONSTRUCTION LAYOUT	LUMP	70%			30%		LUMP	
S-001	CONCRETE WALKS (HANDICAPPED RAMP-TYPE A)	EACH	45			4		49	
S-002	CONCRETE WALKS (HANDICAPPED RAMP-TYPE B)	EACH	4			4		4	
S-003	RECONSTRUCTION OF CONCRETE CURB & GUTTERBOTTOM (BARRIER CURB)	LNFT	5,200					5,200	
S-004	RECONSTRUCTION OF CONCRETE CURB & GUTTER BOTTOM (MOUNTABLE CURB)	LNFT	3,700					3,700	
S-005	DRILLED DOWELED BARRIER CONCRETE CURB	LNFT	210					210	
S-006	DRILLED DOWELED MOUNTABLE CONCRETE CURB	LNFT	120			40		160	
S-007	DOWELED BARRIER CONCRETE CURB	LNFT				100		100	
S-008	DOWELED MOUNTABLE CONCRETE CURB	LNFT				2,400		2,400	
S-009	MANHOLE COVER	EACH	1					1	
S-010	CATCH BASIN COVER	EACH	2					2	
S-011	TREE PROTECTION	LUMP	70%			30%		LUMP	
S-012	TREE TRIMMING	LUMP	70%			30%		LUMP	
S-013	ROOT PRUNING	EACH	5			10		15	
S-014	HAND FORMED POURED IN PLACE CONCRETE CURB WITHIN THE LIMITS OF THE TREE DRIP LINE	LNFT	100			100		200	
S-015	GRAVEL BED AND FILTER CLOTH OVER TREE ROOTS	SQYD	100			100		200	

1 02/09/09 02/09/09 REV.ITEM DESCRIP

DATED 02/06/09 09:45:41

SUMMARY OF ESTIMATED QUANTITIES									
ITEM NO.	ITEM	UNIT	QUANTITY		TOTAL QUANTITY				
			S.P. NO. 704-44-0012	S.P. NO. 704-44-0013					
S-016	CATCH BASIN ADJUSTMENT TYPE A	EACH	11	5	16				
S-017	MANHOLE ADJUSTMENT	EACH	6		6				
S-018	DROP INLET ADJUSTMENT	EACH	10		10				
S-019	SEWER MANHOLE ADJUSTMENT WITH RINGS	EACH	3		3				
S-020	DRAIN AND WATER MANHOLE ADJUSTMENT WITH RINGS	EACH	7		7				
S-023	REPLACEMENT CATCH BASIN FRAME AND COVER	EACH	10	4	14				
S-024	REPLACEMENT GRATE INLET FRAME AND COVER	EACH		1	1				
S-025	MANHOLE FRAME AND COVER	EACH	7		7				

1 02/09/09 02/09/09 REV.ITEM DESCRIP

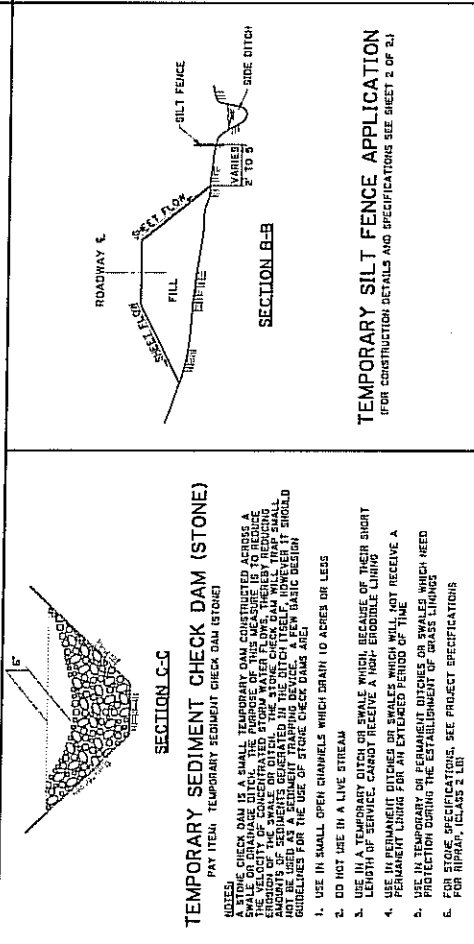


MULCHES

MULCHES ARE THE APPLICATION OF MATS OF MATERIAL PLACED ON THE SOIL SURFACE TO PREVENT EROSION BY PROTECTING THE SOIL SURFACE FROM THE EFFECTS OF CONCENTRATED STORM WATER FLOWS. MULCHES CAN BE ORGANIC OR SYNTHETIC. MULCHES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW GUIDELINES FOR THE USE OF MULCHES ARE:

1. USE OF MULCHES SHALL BE LIMITED TO AREAS WHERE EROSION IS LIKELY TO OCCUR.
2. USE ON CLEARED, GRUBBED, AND SCALPED AREAS WHERE SOIL EROSION IS LIKELY TO OCCUR.
3. USE WITH TEMPORARY SEEDING.

PLAN SHOWING TYPICAL TEMPORARY EROSION CONTROL



TEMPORARY SEDIMENT CHECK DAM (STONE)

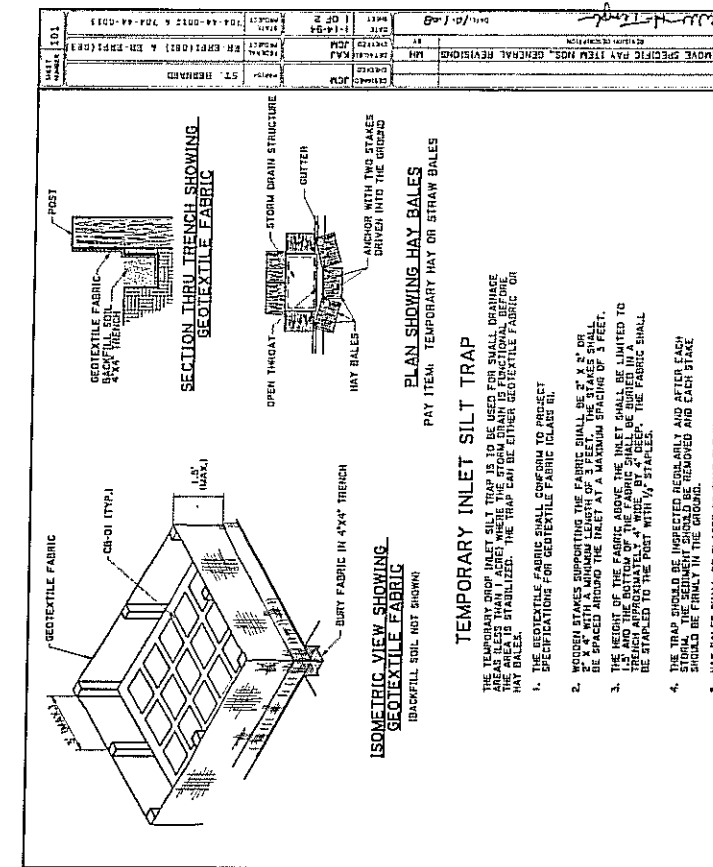
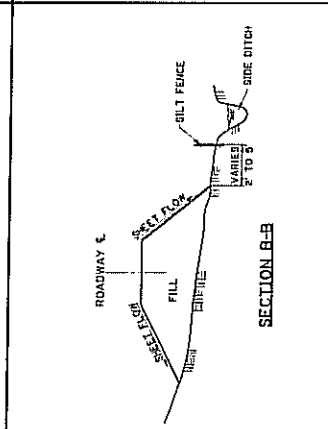
PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (STONE)

NOTES:
1. A TEMPORARY SEDIMENT CHECK DAM IS A SMALL, TEMPORARY DAM CONSTRUCTED ACROSS A DITCH OR SWALE TO TRAP SEDIMENT AND PREVENT IT FROM ENTERING THE MAIN CHANNEL OF THE DITCH OR SWALE. IT IS USED TO PREVENT EROSION AND TO MAINTAIN THE CHANNEL'S CAPACITY. A FEW GUIDELINES FOR THE USE OF STONE CHECK DAMS ARE:

1. USE IN SMALL OPEN CHANNELS WHICH DRAIN 10 ACRES OR LESS.
2. DO NOT USE IN A LIVE STREAM.
3. USE IN A TEMPORARY DITCH OR SWALE WHICH, BECAUSE OF THEIR SHORT LENGTH OF SERVICE, CANNOT RECEIVE A HIGH-ERODIBLE LINING.
4. USE IN PERMANENT DITCHES OR SWALES WHICH WILL NOT RECEIVE A PERMANENT LINING FOR AN EXTENDED PERIOD OF TIME.
5. PREVENTION OF EROSION BY PERMANENT DITCHES OR SWALES WHICH NEED PROTECTION DURING THE ESTABLISHMENT OF GRASS LININGS.
6. FOR STONE CHECKDAMS, SEE PROJECT SPECIFICATIONS FOR RIPRAP, VELAS 2 LON.

TEMPORARY SILT FENCE APPLICATION

FOR CONSTRUCTION DETAILS AND SPECIFICATIONS SEE SHEET 2 OF 2.



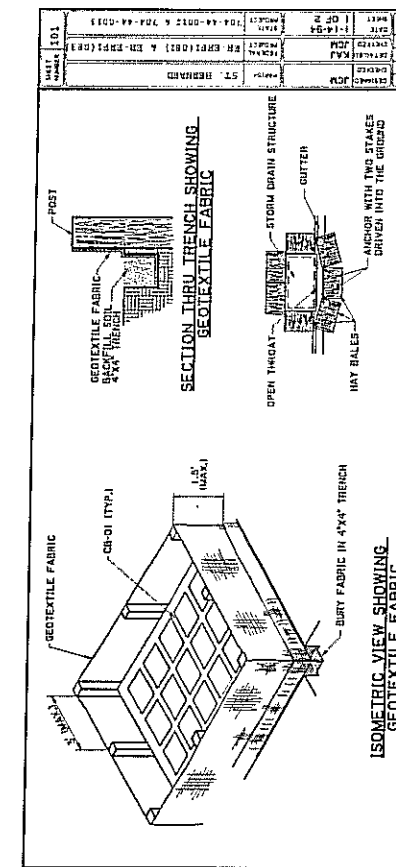
TEMPORARY INLET SILT TRAP

THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED FOR SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP MAY BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

1. THE GEOTEXTILE FABRIC SHALL CONFORM TO PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS 6).
2. HAY BALES SHOWN IN THE ISOMETRIC VIEW SHALL BE 2' X 2' OR 2' X 4' WITH A WINDOW SIZE OF 1' X 1' OR 1' X 2'. THE BALES SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 2 FEET. THE TOP OF THE FABRIC SHALL BE BURRED IN A U-SHAPE. THE FABRIC SHALL BE STAPLED TO THE POST WITH 1/2" STAPLES.
4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH RAINFALL EVENT. SEDIMENT SHOULD BE REMOVED AND EACH STAKE SHOULD BE FIRMLY IN THE GROUND.
5. HAY BALES SHALL BE PLACED SO THAT THE BINDING WIRE OR TWINE IS NOT IN CONTACT WITH THE GROUND.

PLAN SHOWING HAY BALES

PAY ITEM: TEMPORARY HAY ON STRAW BALES



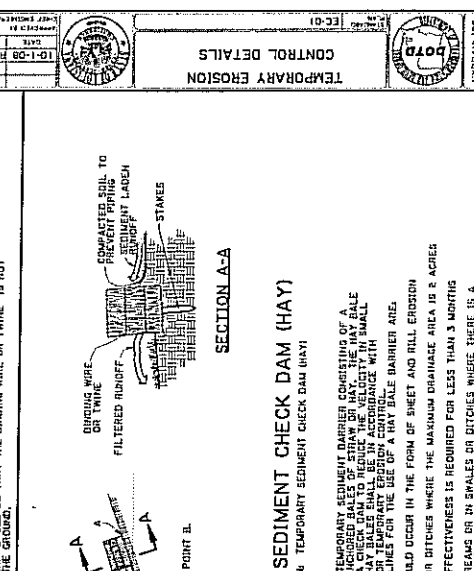
TEMPORARY SEDIMENT CHECK DAM (HAY)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (HAY)

- NOTES:
1. A TEMPORARY SEDIMENT CHECK DAM IS A SMALL, TEMPORARY DAM CONSTRUCTED ACROSS A DITCH OR SWALE TO TRAP SEDIMENT AND PREVENT IT FROM ENTERING THE MAIN CHANNEL OF THE DITCH OR SWALE. IT IS USED TO PREVENT EROSION AND TO MAINTAIN THE CHANNEL'S CAPACITY. A FEW GUIDELINES FOR THE USE OF HAY CHECK DAMS ARE:
1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION.
 2. USE IN UNDER SWALES OR DITCHES WHERE THE MAXIMUM DRAINAGE AREA IS 2 ACRES.
 3. ONLY USE WHERE THE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
 4. DO NOT USE IN LIVE STREAMS OR IN SWALES OR DITCHES WHERE THERE IS A POSSIBILITY OF A WASHOUT.

ELEVATION

POINTS A SHOULD BE HIGHER THAN POINT B.



PLAN

SECTION D-D

TEMPORARY STONE CONSTRUCTION ENTRANCE

PAY ITEM: TEMPORARY STONE CONSTRUCTION ENTRANCE

NOTES

1. TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE EROSION AND PREVENT THE PASSAGE OF SEDIMENT. THE LOCATION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MATERIAL. THE MAJORITY OF THE MATERIAL IS REMOVED BY THE GRAVEL PAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACK ARE:

1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 LBI).
3. THE LENGTH OF THE PAD MUST BE AT LEAST 10 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
4. A GEOTEXTILE FABRIC UNDERLAYER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.

PLAN

ELEVATION

TEMPORARY SLOPE DRAIN

A TEMPORARY SLOPE DRAIN IS A DEVICE USED TO CARRY WATER FROM THE CONSTRUCTION WORK AREA TO A LOWER ELEVATION. SLOPE DRAINS MAY BE USED TO CARRY WATER FROM THE CONSTRUCTION SITE TO A LOWER ELEVATION. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A TEMPORARY SLOPE DRAIN ARE:

1. THE SPACING OF THE SLOPE DRAINS VARIES WITH THE ROAD GRADE.
FOR GRADES:
0.0% - 2.0% USE 200' SPACING
2.0% - 4.0% USE 150' SPACING
GREATER THAN 4.0% USE 100' SPACING
2. SLOPE DRAIN MATERIAL: SMOOTH PIPE - 8" MINIMUM - 3 MILS THICK MIN.
CORRUGATED PIPE - 12" MINIMUM - 4 MILS THICK MIN.
PLASTIC SHEETING - 5 MILS THICK MIN.
3. PLASTIC SHEETING CAN BE STAKED DOWN OR WEIGHTED WITH ROCKS OR LOGS. THE AREA UNDER THE SHEETING SHOULD BE SHAPED TO PROVIDE AN ADEQUATE CHANNEL.
4. THE OUTLET END SHOULD BE PROTECTED OR HAVE SOME MEANS OF DISSIPATING ENERGY. THE FLOW SHOULD BE DIRECTED THROUGH A SEDIMENT TRAP SUCH AS A SILT FENCE, HAY BALES, OR OTHER APPROVED SEDIMENT CONTROL DEVICES.
5. TO INSURE PROPER OPERATION, TEMPORARY SLOPE DRAINS SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM, FOR CLOSING OR DISPLACEMENT. EROSION AT THE OUTLET SHOULD BE CHECKED AND THE SILT TRAPS CLEANED IF NECESSARY.

1. SET POSTS AND EXCAVATE A 4' X 4' TRENCH UP SLOPE ALONG THE LINE OF POSTS.

2. STAPLE WIRE FENCING TO THE POSTS.

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.

4. BACKFILL AND COMPACT EXCAVATED SOIL.

CONSTRUCTION OF TEMPORARY SILT FENCING

WIRE SUPPORTED SILT FENCE IS SHOWN. SELF SUPPORTED SILT FENCE WILL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

NOTES

SILT FENCING IS A TEMPORARY SEDIMENT BARRIER. CONSTRUCTING OF A PERMANENT BARRIER ON SITE AND STRETCHING ACROSS AN AREA TO INTERCEPT AND OBTAIN SMALL QUANTITIES OF SEDIMENT. A FEW BASIC GUIDELINES FOR THE USE OF SILT FENCING ARE:

1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION OF SILT FENCE LENGTH
2. USE WHERE THE MAXIMUM DRAINAGE AREA BEHIND THE SILT FENCE IS 1/4 ACRE PER 100 FEET
3. USE WHERE THE MAXIMUM SLOPE LENGTH BEHIND THE BARRIER IS 100 FEET
4. DO NOT USE SILT FENCING IN LIVE STREAMS OR IN DITCHES OR SWALES WHERE FLOWS EXCEED ONE CUBIC FOOT PER SECOND

102	10-1-08	REVISIONS	DATE	BY	APP'D	10-1-08	REVISIONS	DATE	BY	APP'D
102	10-1-08	REVISIONS	DATE	BY	APP'D	10-1-08	REVISIONS	DATE	BY	APP'D
102	10-1-08	REVISIONS	DATE	BY	APP'D	10-1-08	REVISIONS	DATE	BY	APP'D

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
202-02-D	550	SQUARE YARD	REMOVAL OF CONCRETE WALKS & DRIVES DOLLARS CENTS
204-05-A	20	EACH	TEMPORARY SEDIMENT CHECK DAMS (HAY) DOLLARS CENTS
204-06	200	LINEAR FOOT	TEMPORARY SILT FENCING DOLLARS CENTS
302-02-C	14,410.0	SQUARE YARD	CLASS II BASE COURSE (8" THICK) (CRUSHED STONE) DOLLARS CENTS
502-01	5,260.0	TON	SUPERPAVE ASPHALTIC CONCRETE DOLLARS CENTS
502-01-A	855.0	TON	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS DOLLARS CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
510-01-B	7,100	SQUARE YARD	PAVEMENT PATCHING (12" MINIMUM THICKNESS) DOLLARS CENTS
602-02-A	21,000	LINEAR FOOT	CLEANING AND RESEALING EXISTING LONGITUDINAL PAVEMENT JOINTS DOLLARS CENTS
602-02-B	18,000	LINEAR FOOT	CLEANING AND RESEALING EXISTING TRANSVERSE PAVEMENT JOINTS DOLLARS CENTS
602-03	500	LINEAR FOOT	CLEANING AND SEALING CRACKS DOLLARS CENTS
602-05-I-01	105.0	SQUARE YARD	FULL DEPTH PATCHING OF JOINTED CONC PVMT (9" THICK)(16.0 SQ YDS & UNDER) DOLLARS CENTS
602-05-I-02	370.0	SQUARE YARD	FULL DEPTH PATCHING OF JOINTED CONC PVMT (9" THICK)(16.1 - 48.0 SQ YDS) DOLLARS CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
602-05-I-03	3,000.0	SQUARE YARD	FULL DEPTH PATCHING OF JOINTED CONC PVMT (9" THICK)(48.1 SQ YDS & OVER) DOLLARS CENTS
706-01-A	550.0	SQUARE YARD	CONCRETE WALK (4" THICK) DOLLARS CENTS
706-02-C	200.0	SQUARE YARD	CONCRETE DRIVE (6" THICK) DOLLARS CENTS
713-01	LUMP	LUMP SUM	TEMPORARY SIGNS & BARRICADES DOLLARS CENTS
713-02-B	1,000	LINEAR FOOT	TEMPORARY PAVEMENT MARKINGS (6" WIDTH) DOLLARS CENTS
713-02-C	350	LINEAR FOOT	TEMPORARY PAVEMENT MARKINGS (8" WIDTH) DOLLARS CENTS

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713-05-A	11	EACH	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (ARROW) DOLLARS CENTS
713-05-C	6	EACH	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (ONLY) DOLLARS CENTS
713-05-F	4	EACH	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (STOP) DOLLARS CENTS
714-01	200	SQUARE YARD	SLAB SODDING DOLLARS CENTS
717-01	100	POUND	SEEDING DOLLARS CENTS
718-01	3,000	POUND	FERTILIZER DOLLARS CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
723-02	400	CUBIC YARD	GRANULAR MATERIAL (VEHICULAR MEASUREMENT) _____ DOLLARS _____ CENTS
727-01	LUMP	LUMP SUM	MOBILIZATION _____ DOLLARS _____ CENTS
731-02	200	EACH	REFLECTORIZED RAISED PAVEMENT MARKERS _____ DOLLARS _____ CENTS
732-01-B	1,000	LINEAR FOOT	PLASTIC PAVEMENT STRIPING (6" WIDTH) _____ DOLLARS _____ CENTS
732-01-C	350	LINEAR FOOT	PLASTIC PAVEMENT STRIPING (8" WIDTH) _____ DOLLARS _____ CENTS
732-01-E	120	LINEAR FOOT	PLASTIC PAVEMENT STRIPING (24" WIDTH) _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
732-02-A	0.200	MILE	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) DOLLARS CENTS
732-03-A	0.030	MILE	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH) DOLLARS CENTS
732-04-A	11	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW) DOLLARS CENTS
732-04-C	6	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ONLY) DOLLARS CENTS
732-04-F	4	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (STOP) DOLLARS CENTS
732-05	0.500	MILE	REMOVAL OF EXISTING MARKINGS DOLLARS CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
736-09	700	LINEAR FOOT	LOOP DETECTOR DOLLARS CENTS
740-01	LUMP	LUMP SUM	CONSTRUCTION LAYOUT DOLLARS CENTS
S-001	49	EACH	CONCRETE WALKS (HANDICAPPED RAMP-TYPE A) DOLLARS CENTS
S-002	4	EACH	CONCRETE WALKS (HANDICAPPED RAMP-TYPE B) DOLLARS CENTS
S-003	5,200	LINEAR FOOT	RECONSTRUCTION OF CONCRETE CURB & GUTTER BOTTOM (BARRIER CURB) DOLLARS CENTS
S-004	3,700	LINEAR FOOT	RECONSTRUCTION OF CONCRETE CURB & GUTTER BOTTOM (MOUNTABLE CURB) DOLLARS CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
S-005	210	LINEAR FOOT	DRILLED DOWELED BARRIER CONCRETE CURB DOLLARS CENTS
S-006	160	LINEAR FOOT	DRILLED DOWELED MOUNTABLE CONCRETE CURB DOLLARS CENTS
S-007	100	LINEAR FOOT	DOWELED BARRIER CONCRETE CURB DOLLARS CENTS
S-008	2,400	LINEAR FOOT	DOWELED MOUNTABLE CONCRETE CURB DOLLARS CENTS
S-009	1	EACH	MANHOLE COVER DOLLARS CENTS
S-010	2	EACH	CATCH BASIN COVER DOLLARS CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
S-011	LUMP	LUMP SUM	TREE PROTECTION _____ DOLLARS _____ CENTS
S-012	LUMP	LUMP SUM	TREE TRIMMING _____ DOLLARS _____ CENTS
S-013	15	EACH	ROOT PRUNING _____ DOLLARS _____ CENTS
S-014	200	LINEAR FOOT	HAND FORMED POURED IN PLACE CONCRETE CURB WITHIN THE LIMITS OF THE TREE DR IP LINE _____ DOLLARS _____ CENTS
S-015	200	SQUARE YARD	GRAVEL BED AND FILTER CLOTH OVER TREE ROOTS _____ DOLLARS _____ CENTS
S-016	16	EACH	CATCH BASIN ADJUSTMENT TYPE A _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
S-017	6	EACH	MANHOLE ADJUSTMENT _____ DOLLARS _____ CENTS
S-018	10	EACH	DROP INLET ADJUSTMENT _____ DOLLARS _____ CENTS
S-019	3	EACH	SEWER MANHOLE ADJUSTMENT WITH RINGS _____ DOLLARS _____ CENTS
S-020	7	EACH	DRAIN AND WATER MANHOLE ADJUSTMENT WITH RINGS _____ DOLLARS _____ CENTS
S-023	14	EACH	REPLACEMENT CATCH BASIN FRAME AND COVER _____ DOLLARS _____ CENTS
S-024	1	EACH	REPLACEMENT GRATE INLET FRAME AND COVER _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
S-025	7	EACH	MANHOLE FRAME AND COVER
			DOLLARS _____
			CENTS _____