

PART V
DRAWINGS TX-EN-0699



DENTON CREEK WATERSHED

LAND STABILIZATION TREATMENT AREA DEBRIS BASIN SILL 14-161
 WISE COUNTY, TEXAS

DRAINAGE AREA 147 ACRES
 TOTAL STORAGE 39 AC. FT.
 EFFECTIVE HEIGHT OF DAM 25.6 FEET
 OVERALL HEIGHT OF DAM 28.3 FEET

SPONSORED BY
 WISE COUNTY SWCD
 WISE COUNTY COMMISSIONERS COURT

COOPERATING WITH
 NATURAL RESOURCES CONSERVATION SERVICE
 OF THE
 U.S. DEPARTMENT OF AGRICULTURE

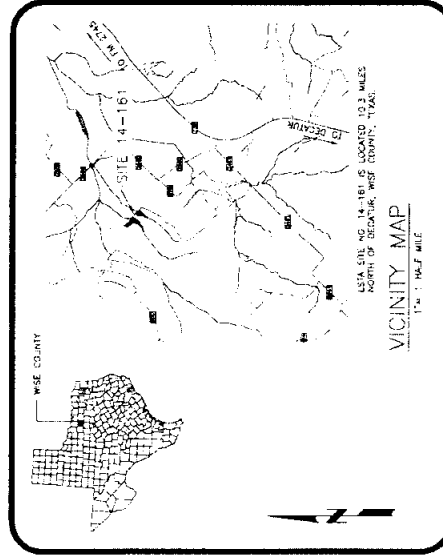
2017

CONSTRUCTION DRAWINGS APPROVED
 ENGINEERING JOB CLASS 'V'

John W. Powell
 STATE CONSTRUCTION ENGINEER NRCS
 LICENSE 15040



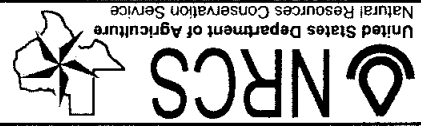
INDEX OF DRAWINGS	
Sheet Number	SHEET TITLE
1	GENERAL PLAN VIEW
2	PIPE, EQ. CHANNEL & DIKE PLAN & DETAILS
3	FLOODED INLET - DETAIL
4	FROSION MAT



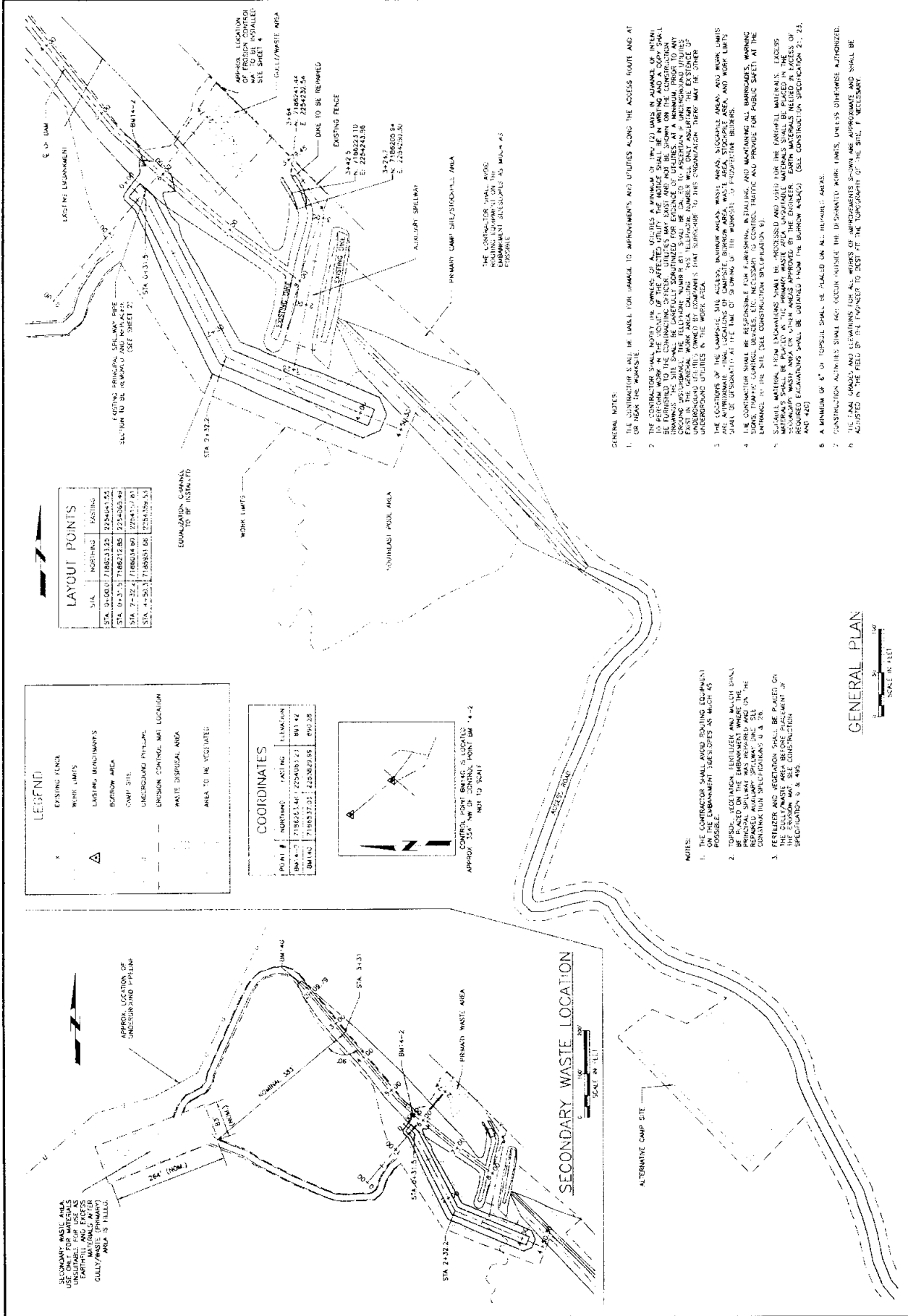


DATE CHECKED: 02/20/17
 CHECKED BY: J. HENK
 DENTON CREEK WATERSHED
 LAND SCAPING CONTRACTOR 14-161

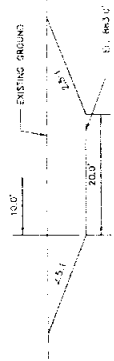
GENERAL PLAN VIEW
 WSA COUNTY, TEXAS



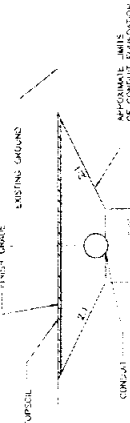
PROJECT NO: TX-EN-0899
 SHEET: 1



SECTION B-B
TYPICAL FOUNDATION CROSS SECTION
NOT TO SCALE



SECTION A-A
TYPICAL CONDUIT FOUNDATION
NOT TO SCALE



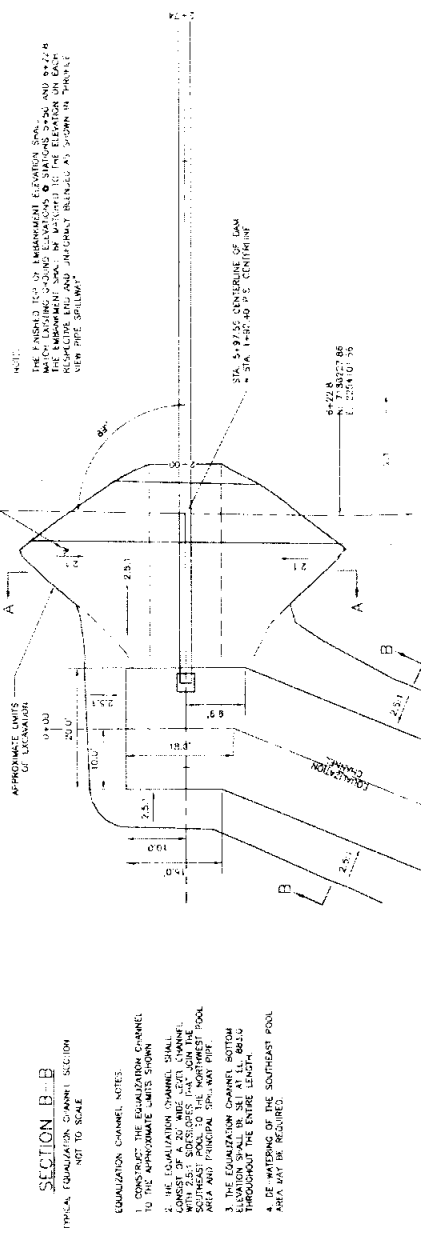
SECTION A-A
TYPICAL CONDUIT FOUNDATION
NOT TO SCALE
CONDUIT FOUNDATION NOTES
1. CONSTRUCT THE CONDUIT FOUNDATION TO THE APPROXIMATE LIMITS SHOWN.
2. THE FOUNDATION SURFACE & TOPSOIL SHALL BE UNDISTURBED AND SHALL BE SHOWN WITH COMPACTED FORTHALL.
SEE SHEET 4 FOR TYPICAL SECTION-B-BING.

SECTION B-B
TYPICAL FOUNDATION CROSS SECTION
NOT TO SCALE
EQUILIZATION CHANNEL NOTES
1. CONSTRUCT THE EQUILIZATION CHANNEL TO THE APPROXIMATE LIMITS SHOWN.
2. THE EQUILIZATION CHANNEL SHALL BE 30.0" DEEP AND SHALL BE LINED WITH 18.0" DIA. CORRUGATED METAL PIPE.
3. THE EQUILIZATION CHANNEL BOTTOM SHALL BE WATERING OF THE SOUTHEAST POOL AREA MAY BE REQUIRED.



PLAN
SCALE IN FEET
1" = 20'

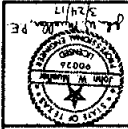
SECTION C-C
PROF. VIEW PIPE SPILLWAY
SCALE IN FEET
1" = 20'



DESIGNED BY: M. DRYE
CHECKED BY: J. HEBER
DATE CHECKED: 02/20/17
PROJECT: DENTON CREEK WATERSHED AND STABILIZATION STRUCTURE 14-181
DRAWING NO.: TX-EN-0699
SHEET: 2
CONTRACT NO.: CR 14-181-049
PROJECT LOCATION: DENTON CREEK WATERSHED, WISE COUNTY, TEXAS

PIPE, EQ. CHANNEL & DIKE PLAN & DETAILS
DESIGNED BY: M. DRYE
CHECKED BY: J. HEBER
DATE CHECKED: 02/20/17
PROJECT: DENTON CREEK WATERSHED AND STABILIZATION STRUCTURE 14-181
DRAWING NO.: TX-EN-0699
SHEET: 2
CONTRACT NO.: CR 14-181-049
PROJECT LOCATION: DENTON CREEK WATERSHED, WISE COUNTY, TEXAS

United States Department of Agriculture
NRCS
Natural Resources Conservation Service
DATE: _____

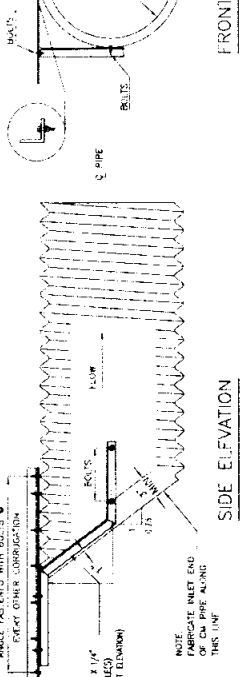
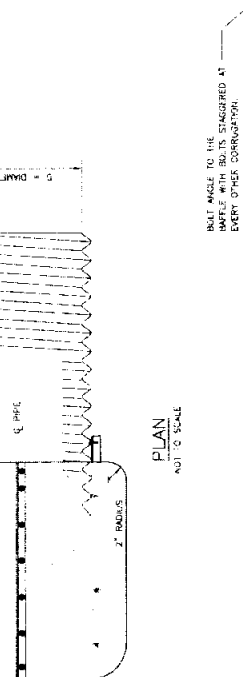
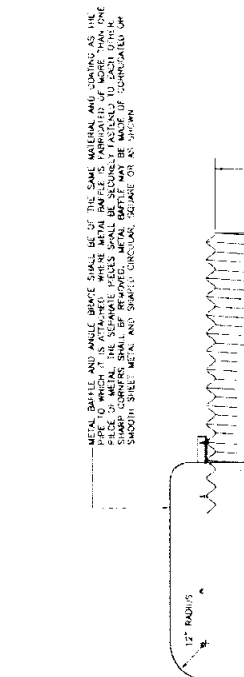
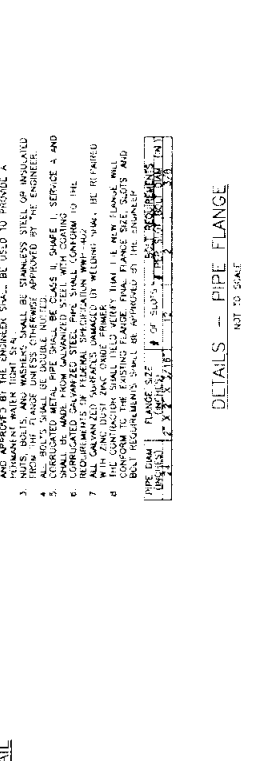
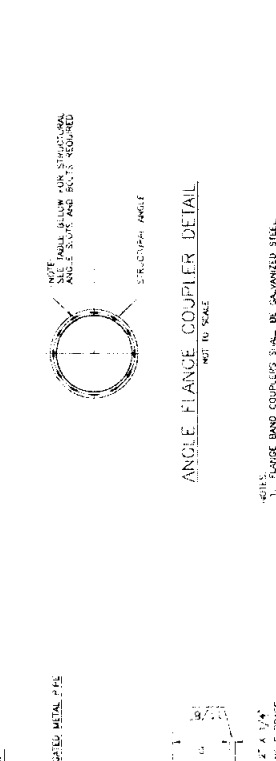
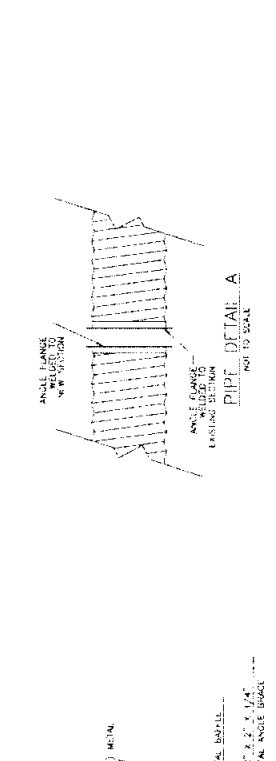
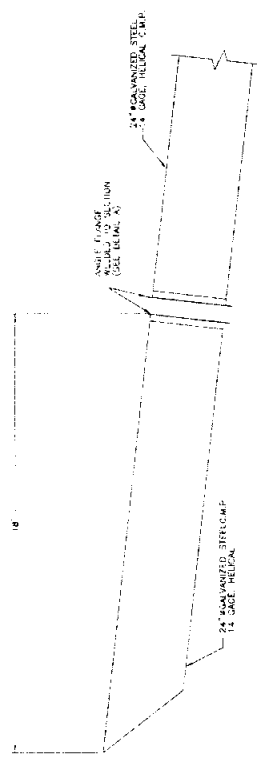


DESIGNED BY: S. HIGGINS, M. DEWILL
 CHECKED BY: J. HERRIN
 DATE CHECKED: 02/20/17
 FILE NAME: DENTON CR 14-161-045

HOODED INLET DETAIL
 LANE STABILIZATION STRUCTURE
 DENTON CREEK WATERSHED
 IN
 WISE COUNTY, TEXAS

NRCS
 United States Department of Agriculture
 Natural Resources Conservation Service

DRAWING NO: TX-EN-0699
 SHEET: 3



SAGE OF METAL BAFFLE AND DIMENSIONS OF ANGLE BRACE

DIAMETER OF PIPE, D	ANGLE BRACE DIMENSIONS IN INCHES WHEN USED			
	A	B	C	D
24"	14	13	8 1/4	2

- NOTES:**
- ALL BOLTS SHALL BE 1/2" WITH 100% WAGNERS.
 - ALL BOLTS AND WASHERS SHALL BE GALVANIZED, ZINC-RICH PLATED, OR STAINLESS STEEL.
 - ALL STEEL SHALL BE SMOOTH OR FINISHED TO MATCH CONDUCTIONS IN PIPE AND BAFFLE.
 - ALL STEEL ANGLES SHALL BE GALVANIZED.
 - STEEL ANGLES SHALL BE GALVANIZED.
 - STEEL ANGLES SHALL BE GALVANIZED.
 - STEEL ANGLES SHALL BE GALVANIZED.

METAL BAFFLE AND ANGLE BRACE SHALL BE OF THE SAME MATERIAL AND GRADE AS THE PIPE TO WHICH IT IS ATTACHED. WHEN METAL BAFFLE IS FABRICATED OF MORE THAN ONE SECTION, THE SECTIONS SHALL BE WELDED TOGETHER. METAL BAFFLE MAY BE MADE OF CORRUGATED OR SMOOTH SHEET METAL AND SHAPED CIRCULAR, SQUARE OR AS SHOWN.

ANGLE FASTENED WITH BOLTS AT EVERY OTHER CONNECTION.

1.5" x 1.5" x 1/4" METAL ANGLE BRACE (SEE FROM ELEVATION)

NOTE: FABRICATE INLET END OF CN PIPE ALONG THIS LINE

FRONT ELEVATION NOT TO SCALE

ANGLE BRACE DETAIL NOT TO SCALE

ANGLE FLANGE COUPLER DETAIL NOT TO SCALE

NOTE: ALL BOLTS BELOW FOUR STRUCKS SHALL BE GALVANIZED. ANGLE SLOTS AND BOLTS REQUIRED.

ANGLE BRACE DETAIL NOT TO SCALE

ANGLE FLANGE COUPLER DETAIL NOT TO SCALE

NOTE: ALL BOLTS BELOW FOUR STRUCKS SHALL BE GALVANIZED. ANGLE SLOTS AND BOLTS REQUIRED.

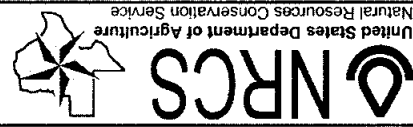
DETAILS -- PIPE FLANGE NOT TO SCALE

FABRICATION OF HOODED INLET AND BAFFLE DETAILS NOT TO SCALE

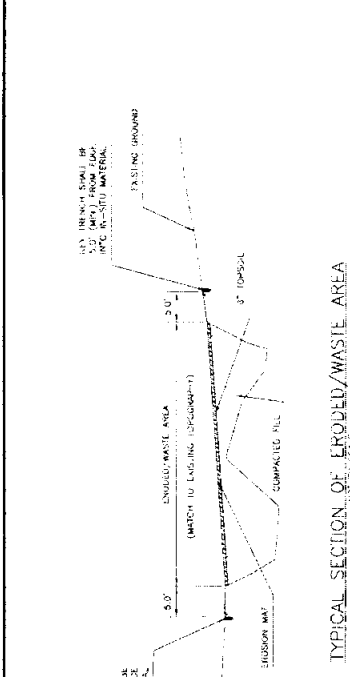


DESIGNED BY: S. HARRIS, K. GREEN
 DRAWN BY: K. GREEN
 CHECKED BY: J. HARRIS
 DESIGNER: 14-161 EROSION MATS
 DATE: 02/20/17

EROSION MAT & PIPE BEDDING DETAILS
 LAKE STABILIZATION STRUCTURE 14-161
 DENTON CREEK WATERSHED
 WISE COUNTY, TEXAS

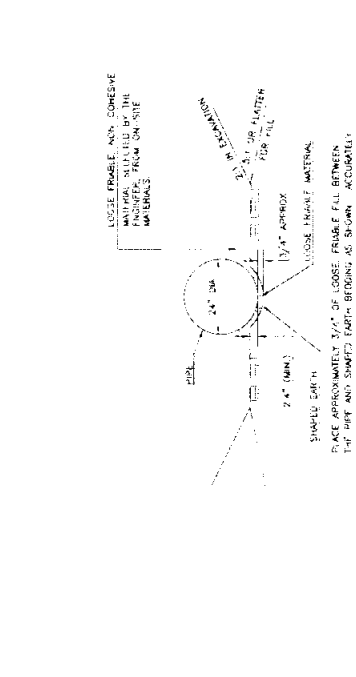


REVISIONS: DATE: DRAWING NO: TX-EN-0699 SHEET: 4



TYPICAL SECTION OF ERODED/WASTE AREA
 NOT TO SCALE

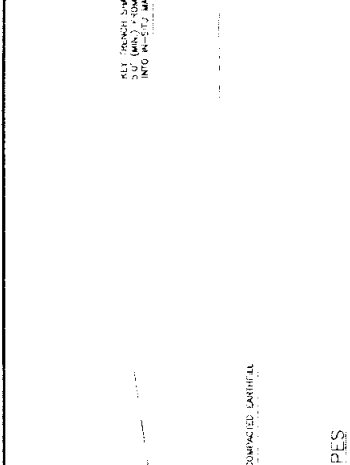
NOTES:
 1. THE APPROXIMATE LOCATIONS AND EXTENTS OF THE ERODED/WASTE AREA TO BE FILLED AND EROSION MAT PLACED, SHALL BE AS SHOWN ON THE DRAWINGS.
 2. THE APPROXIMATE LOCATIONS AND EXTENTS OF THE ERODED/WASTE AREA TO BE FILLED AND EROSION MAT PLACED, SHALL BE AS SHOWN ON THE DRAWINGS.
 3. THE APPROXIMATE LOCATIONS AND EXTENTS OF THE ERODED/WASTE AREA TO BE FILLED AND EROSION MAT PLACED, SHALL BE AS SHOWN ON THE DRAWINGS.
 4. THE APPROXIMATE LOCATIONS AND EXTENTS OF THE ERODED/WASTE AREA TO BE FILLED AND EROSION MAT PLACED, SHALL BE AS SHOWN ON THE DRAWINGS.



TYPICAL SECTION OF BEDDING
 NOT TO SCALE

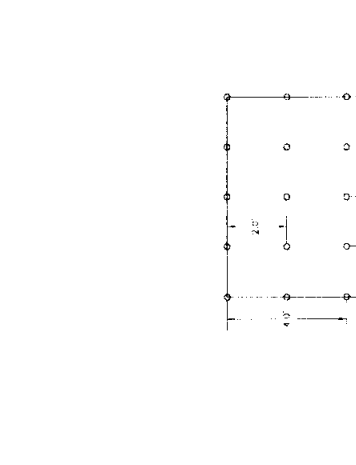
PIPE DATA	PIPE DATA	PIPE DATA	PIPE DATA
DIAM.	LENGTH	TYPE	COATING
IN.	FT.		
24	16	1	14

CORROGATED METAL PIPE SHALL COMPLY WITH CONSTRUCTION SPECIFICATION 51, AND MATERIAL SPECIFICATION 351

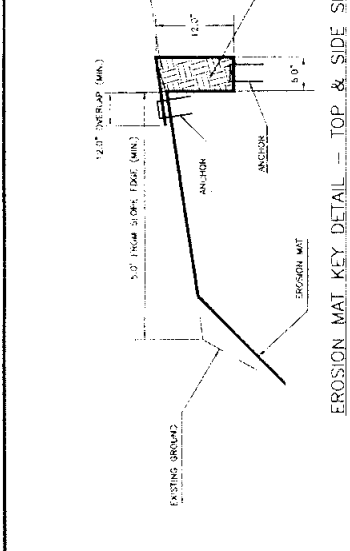


EROSION MAT KEY DETAIL - TOP & SIDE SLOPES
 NOT TO SCALE

NOTES:
 1. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 2. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 3. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 4. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 5. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 6. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 7. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 8. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 9. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.

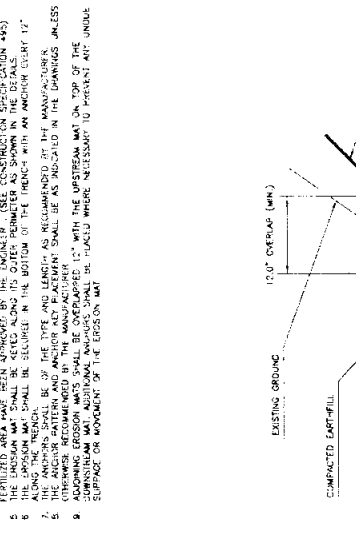


TYPICAL ANCHOR PATTERN
 NOT TO SCALE



EROSION MAT KEY DETAIL - BOTTOM OF SLOPE
 NOT TO SCALE

NOTES:
 1. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
 2. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.
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 9. THE EROSION MATS SHALL BE SHIPPED AND STORED TO THE EXTENT NEEDED TO DISPOSE OF THE ERODED/WASTE AREA.



EROSION MAT KEY DETAIL - BOTTOM OF SLOPE
 NOT TO SCALE

EROSION MAT

PART VI
PREVAILING WAGE RATES DETERMINATION

General Decision Number: TX170035 01/06/2017 TX35

Superseded General Decision Number: TX20160035

State: Texas

Construction Type: Highway

Counties: Archer, Callahan, Clay, Collin, Dallas, Delta, Denton, Ellis, Grayson, Hunt, Johnson, Jones, Kaufman, Parker, Rockwall, Tarrant and Wise Counties in Texas.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number: 0 Publication Date: 01/06/2017

* SUTX2011-007 08/03/2011

	Rates	Fringes
CONCRETE FINISHER (Paving and Structures).....	\$ 14.12	
ELECTRICIAN.....	\$ 19.80	
FORM BUILDER/FORM SETTER		
Paving & Curb.....	\$ 13.16	
Structures.....	\$ 13.84	
LABORER		
Asphalt Raker.....	\$ 12.69	
Flagger.....	\$ 10.06	
Laborer, Common.....	\$ 10.72	
Laborer, Utility.....	\$ 12.32	
Pipelayer.....	\$ 13.24	
Work Zone Barricade		
Servicer.....	\$ 11.68	
POWER EQUIPMENT OPERATOR:		
Asphalt Distributor.....	\$ 15.32	
Asphalt Paving Machine.....	\$ 13.99	
Broom or Sweeper.....	\$ 11.74	
Concrete Pavement		

Finishing Machine.....	\$ 16.05
Concrete Saw.....	\$ 14.48
Crane Operator, Lattice Boom 80 Tons or Less.....	\$ 17.27
Crane Operator, Lattice Boom over 80 Tons.....	\$ 20.52
Crane, Hydraulic 80 Tons or Less.....	\$ 18.12
Crawler Tractor.....	\$ 14.07
Excavator, 50,000 pounds or less.....	\$ 17.19
Excavator, over 50,000 pounds.....	\$ 16.99
Foundation Drill , Truck Mounted.....	\$ 21.07
Foundation Drill, Crawler Mounted.....	\$ 17.99
Front End Loader 3 CY or Less.....	\$ 13.69
Front End Loader, over 3 CY.	\$ 14.72
Loader/Backhoe.....	\$ 15.18
Mechanic.....	\$ 17.68
Milling Machine.....	\$ 14.32
Motor Grader, Fine Grade....	\$ 17.19
Motor Grader, Rough.....	\$ 16.02
Pavement Marking Machine....	\$ 13.63
Reclaimer/Pulverizer.....	\$ 11.01
Roller, Asphalt.....	\$ 13.08
Roller, Other.....	\$ 11.51
Scraper.....	\$ 12.96
Small Slipform Machine.....	\$ 15.96
Spreader Box.....	\$ 14.73

Servicer.....\$ 14.58

Steel Worker (Reinforcing).....\$ 16.18

TRUCK DRIVER

Lowboy-Float.....	\$ 16.24
Off Road Hauler.....	\$ 12.25
Single Axle.....	\$ 12.31
Single or Tandem Axle Dump Truck.....	\$ 12.62
Tandem Axle Tractor with Semi Trailer.....	\$ 12.86
Transit-Mix.....	\$ 14.14

WELDER.....\$ 14.84

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is

like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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



PART VII
CONFLICT OF INTEREST FORM

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.
 This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).
 By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.
 A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY	
Date Received	

1 Name of vendor who has a business relationship with local governmental entity.

2 Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information in this section is being disclosed.

 Name of Officer

This section (item 3 including subparts A, B, C, & D) must be completed for each officer with whom the vendor has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

Yes No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more?

Yes No

D. Describe each employment or business and family relationship with the local government officer named in this section.

4

 Signature of vendor doing business with the governmental entity

 Date