

May 16, 2016

RE-BIDDING: Construct Waterway; Construct Concrete Box Spillway; Vegetate Waterway & Concrete Box Area; Remove Old Terraces; Build New Terraces  
SE/4 Sec. 23-6N-17WIM (Less 5 acres sold) (Less well esmt)  
Lease #205668, Kiowa County OK

Dear Vendor,

Four Soil Conservation Project Request/Bid Solicitation Forms are enclosed for the above-referenced projects located on Commissioners of the Land Office property. All bids received will be evaluated on a "**Lowest Responsible**" bid. Bids must be returned to the office in Oklahoma City on or before August 4, 2016 by 2:00 p.m., to be considered for these projects. Bids received after the time and date indicated or incomplete bid forms will not be considered.

If you are interested in being considered for these projects, complete the enclosed Project Request/Bid Solicitation Forms. You must fill in the Units, Unit Price, Totals and Project Totals fields on the forms. Incomplete forms will not be considered.

If you are selected as "Lowest Responsible" bidder; current general liability insurance information along with worker's comp or insurance document showing an exemption from workers compensation will be required.

The projects will be considered complete after the supervising Real Estate Management Specialist certifies the specifications of the enclosed bid have been met.

If you are not interested in being considered for these projects, please return the forms with "No Bid" written on it. This will indicate that you do not wish to bid at this time but may like to bid on future projects.

If you have any questions about these projects contact me at 405-521-4149. Be sure to check our website at [www.clo.ok.gov](http://www.clo.ok.gov) for questions and answers that arise during the bidding of these projects.

Sincerely,



Tonja DeFatta, CPO  
Real Estate Management Division  
[tonja.defatta@clo.ok.gov](mailto:tonja.defatta@clo.ok.gov)

**COMMISSIONERS OF THE LAND OFFICE  
SOIL CONSERVATION PROJECT REQUEST/BID SOLICITATION**

LESSEE: *Brett Porter*

LEASE NO: 205668

LEASE TERM: 1/1/14 - 12/31/18

LEGAL: SE/4 SEC 23-6N-17WIM (LESS 5 AC SOLD)(LESS WELL ESMT)

DIRECTIONS TO JOB SITE: From intersection of Hwys 183 & 9 West, 6 miles East on Ozark Trail and 2 1/2 miles South to NE corner of lease

DATE: 7/5/16

COUNTY: Kiowa

SUPERVISING REMS *Starr Ryan 580-393-2393*

ITEM OR PRACTICE (REM ONLY)	CODE	UNITS	UNIT PRICE	TOTALS
Construct Waterway	412	2.3 Acres		
Construct Concrete Box Spillway	554	11.6 CY		
Vegetate Waterway & Concrete Box Area	512	1.5 Acres		
Remove Old Terraces	454	Approx. 4200 Ft.		
Build New Terraces	600	Approx. 8700 Ft.		
<b>JOB TOTAL</b>	➡	➡	➡	

**\*Please write "NO BID in the "TOTALS" column if you do not wish to bid, sign and return the bid form to the OKC office.**

**Project Specifications: A 2.3 acre waterway is to be constructed and vegetated with Bermuda grass. An 11.6 cy reinforced concrete box spillway is to be constructed. Approx. 4200 ft. of old terraces are to be removed and approx. 8700 ft. of new field terraces built. Projects are to meet NRCS specs. \*\*See attached aerial and NRCS specs. Terrace footage is approximate and subject to change once staked, but not exceed the above values. Would like to have the project completed by 10/15/2016.**

Bid according to units provided above. If you should choose to give a flat rate instead of bidding by unit price, CLO will not be able to adjust the cost up or down if actual units should change. In accordance with Oklahoma law, the CLO cannot pay for mileage. The vendor should include travel and all associated expenses in the total acquisition price. Do not quote travel and any associated expense separately on the bid request form.

REMS *Starr Ryan*

Date 7/5/2016

**VENDOR ONLY:**

- The undersigned, being familiar with the local conditions affecting the cost of the work, with the Solicitation for Bids and in accordance with the provisions thereof, hereby proposes to furnish all labor, materials and equipment necessary for the sums listed herein.
- By submitting a bid for services, the bidder certifies that they, and any proposed subcontractors, are in compliance with 25 O. S. §1313 and participate in The Status Verification System. The Status Verification System is defined in 25 O. S. §1312 and includes but is not limited to the free Employment Verification Program (E-Verify) available at [www.dhs.gov/E-Verify](http://www.dhs.gov/E-Verify).
- The bidder also certifies that they are in compliance with the State of Oklahoma Governor's Executive Order 2012-01, filed February 6, 2012 and effective July 1, 2012, that the use of any tobacco product shall be prohibited on any and all properties owned, leased or contracted for use by the State of Oklahoma, including but not limited to all buildings, land and vehicles owned, leased or contracted for use by agencies or instrumentalities of the State of Oklahoma.
- In submitting the bid, it is agreed that this bid may not be withdrawn for a period of thirty (30) days after the date bids are due. Work is to start within ten (10) days of notification to proceed by CLO.

Company/Business name \_\_\_\_\_ Vendor signature \_\_\_\_\_ Date \_\_\_\_\_

-----FOR OFFICE USE ONLY-----

Work completed in last five years: None

*Floyd Evans* 7/5/2016  
Conservationist Date

Dir., REM Division \_\_\_\_\_ Date \_\_\_\_\_

*Estimate*

U.S. Department of Agriculture  
Natural Resources Conservation Service

# Waterway Data Sheet - Design & Checkout

OK-ENG-3  
Draft 04/03

Landowner *Porter School Land*  
ID Number 0

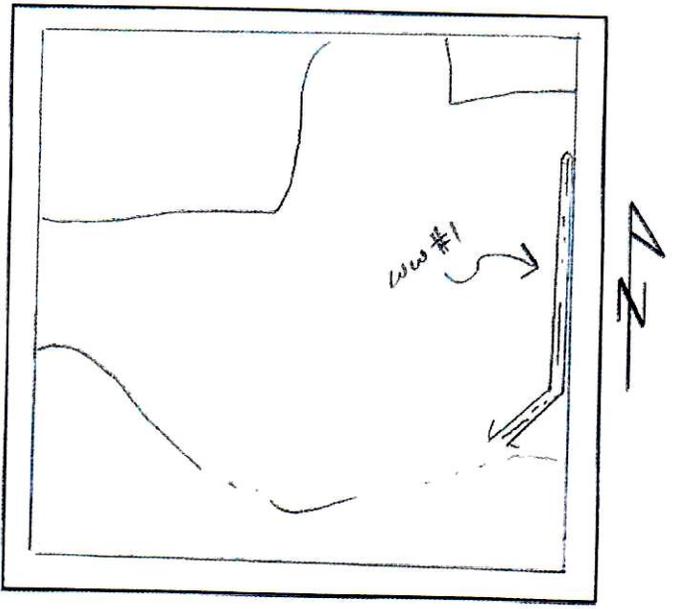
Legal Description *SE 23-17*  
Field Number 0

Field Office 0  
County 0

Waterway Number	1	1
Beginning Station	+	7+00
Ending Station	N/A	14+00
Drainage Area (ac)	27	123
Peak Flow (cfs)	50	160
Kind of Vegetation	bermuda	bermuda
Velocity Retardance	D	D
Capacity Retardance	C	C
Channel Slope (%)	1	2.3
Velocity (fps)	2.9	5.0
Cross-Section Area (sq ft)	17.2	31.8
Flow Depth - Stability (ft)	0.92	0.83
Flow Depth - Capacity (ft)	1.05	0.90
Depth plus Freeboard (ft), (D)	1.5	1.3
Bottom Width (ft), (B)	15	35
Side Slopes (x:1), (Z)	4	4
Average Cut (ft), (C)	0.8	0.8



Construction Requirements:



	1	1
Length (ft)	700	700
Area of Excavation (sq ft)	14.6	30.6
Width of Excavation (ft)	21	41
Extent Width (ft)	46	82
Total Quantity (ac)		2.3

Designed by:

Date: 3/8/2016

Approved by:

Date:

Checkout Cross-section taken at Station

Dist.	Rod

This practice meets NRCS specifications.

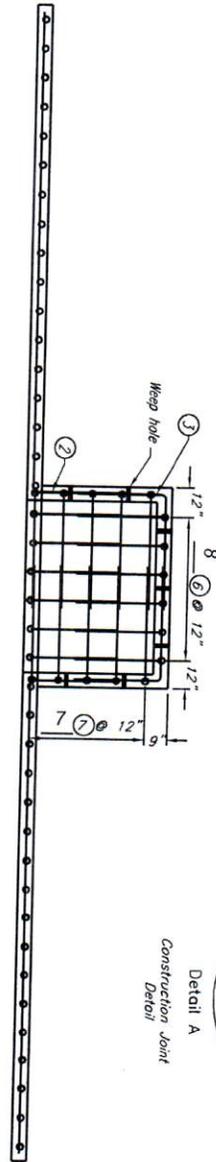
Outside Party:

Date:

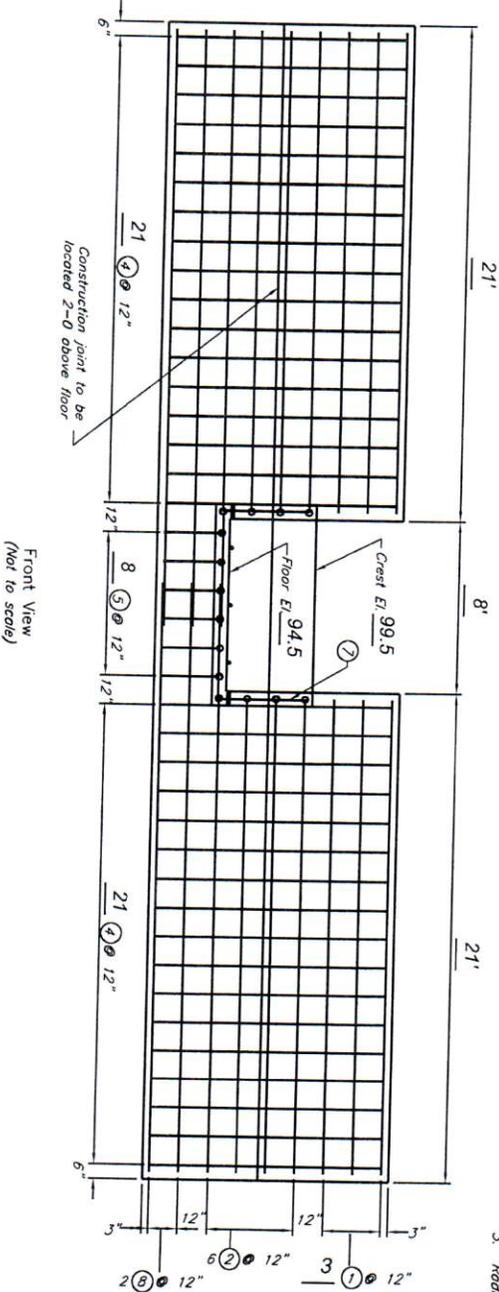
NRCS:

Date:

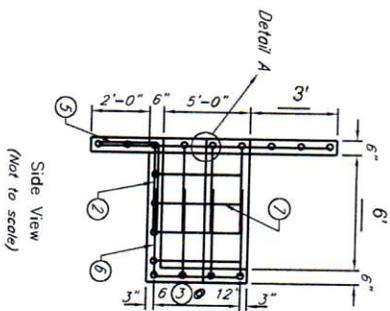
Note:  
Weep holes shall be 2 inches in diameter, spaced evenly around box of approximately 24-inch centers. The bottom of the weep holes shall be 1 inch above the floor of the box.



Top View  
(Not to scale)



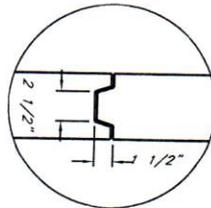
Front View  
(Not to scale)



Side View  
(Not to scale)

- Notes:
1. All bars are #4 (1/2-inch diameter) Grade 40 steel.
  2. Place bars in center of walls and floor.
  3. Radius of bar bends is to be 1 1/2 inches.

Construction Joint Detail



Steel Schedule

Mark	Type	Quantity	(ft.-in.)	(ft.-in.)	(ft.-in.)	Weight
1	1	6	20-6	4.0	123-0	294-0
2	3	20	20-6	4.0	108-0	420-0
3	5	42	10-0	4.0	168-0	48-0
4	7	8	4-0	5-0	72-0	140-0
5	5	14	5-0	5-0	102-0	102-0
6	7	4	25-6	1307	102-0	102-0

Weight: 1307 lbs.  
Concrete Volume: 11.56 cu. yds.

Reinforced Concrete Box Drop Spillway 5-Foot Overfall Height

Before any investigation or construction activity, the excavator is responsible for calling Oklahoma One Call at 800-522-6543

Table of Quantities

Item	Unit	Quantity
Excavation	cuyds	250
Earthfill	cuyds	350
Concrete (structure only)	cuyds	11.56
Reinforcing steel	lbs.	873
Drainfill	tons	8.5
Geotextile, nonwoven	sq.yds.	20.8
PVC pipe, Sch. 40, 2-inch dia.	feet	
Inlet protection, Option C		
Geotextile	SY	12.7
Riprap	Tons	5.1
Outlet protection, Option C		
Geotextile	SY	33.1
Riprap	Tons	14.7
Seeding	acres	.5

Bench mark description Top of N Headwall on county road box culvert  
Elevation 100.0

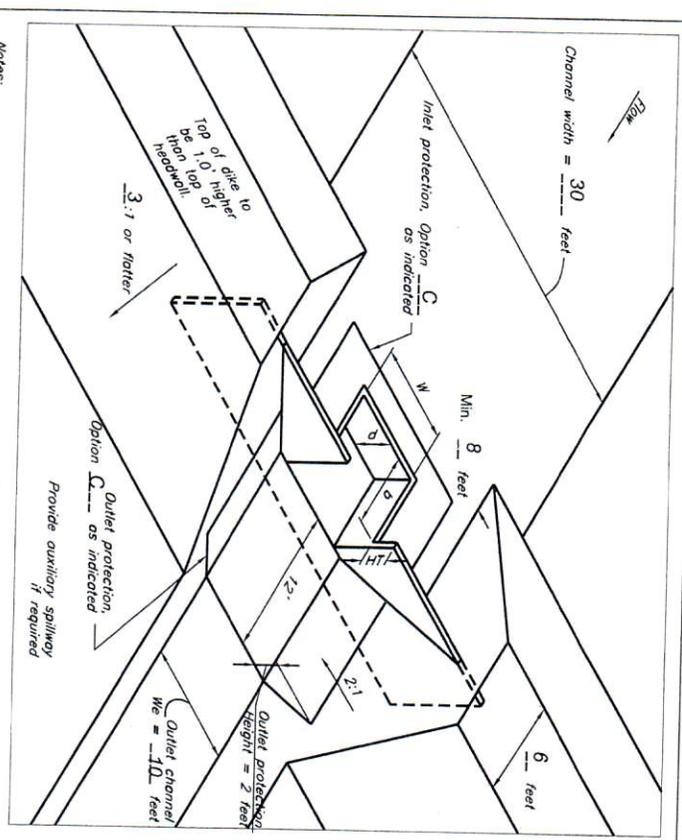
**Drainfill Gradation Requirements**

Sieve No.	% Passing
3/8"	100
4	95-100
8	80-100
16	50-85
30	25-60
50	5-30
100	0-10
200	0-5

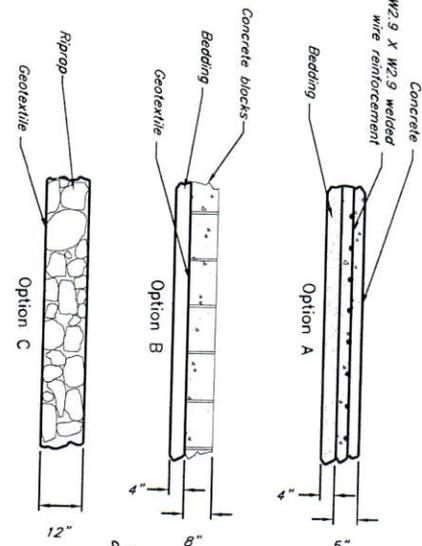
Material passing the No. 200 sieve shall be non-plastic.

**Riprap Gradation Requirements**

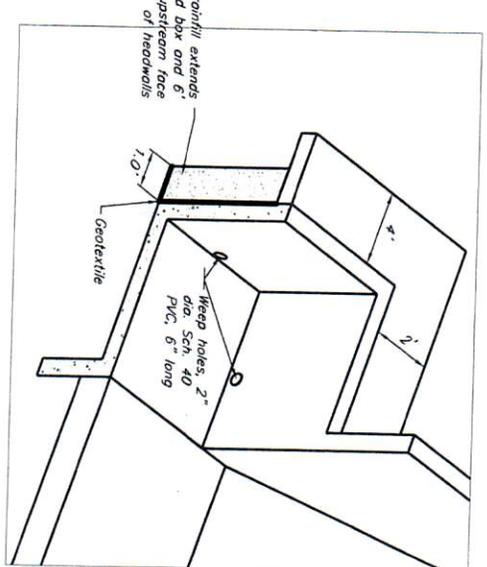
Riprap Size (in)	Condition (% used)
12	100
9	60-75
6	35-50
3	10-40
1 1/2	10



- Notes:
- Provide 2-foot deep footing on downstream end of outlet protection when using Option A.
  - Provide 3/4-inch perforated expansion joint filler between structure and concrete slabs when using Option A for inlet or outlet protection.
  - Reinforcing material as shown on Option A is swell proof for moderate to high shrink protection.
  - Provide 1-foot deep vertical imbedding of filter fabric on all edges of inlet and outlet protection when using Options B or C.
  - Form ties to be snapped off and cones removed. Remaining holes to be grouted flush to finished wall surface in a workman like manner.



Inlet and Outlet Protection Details



Reinforced Concrete Box Drop Spillway

(Drawings not to scale)

Before any investigation or construction activity, the excavator is responsible for calling Oklahoma One Call at 800-522-5543

Date \_\_\_\_\_

Designed \_\_\_\_\_

Drawn \_\_\_\_\_

Checked \_\_\_\_\_

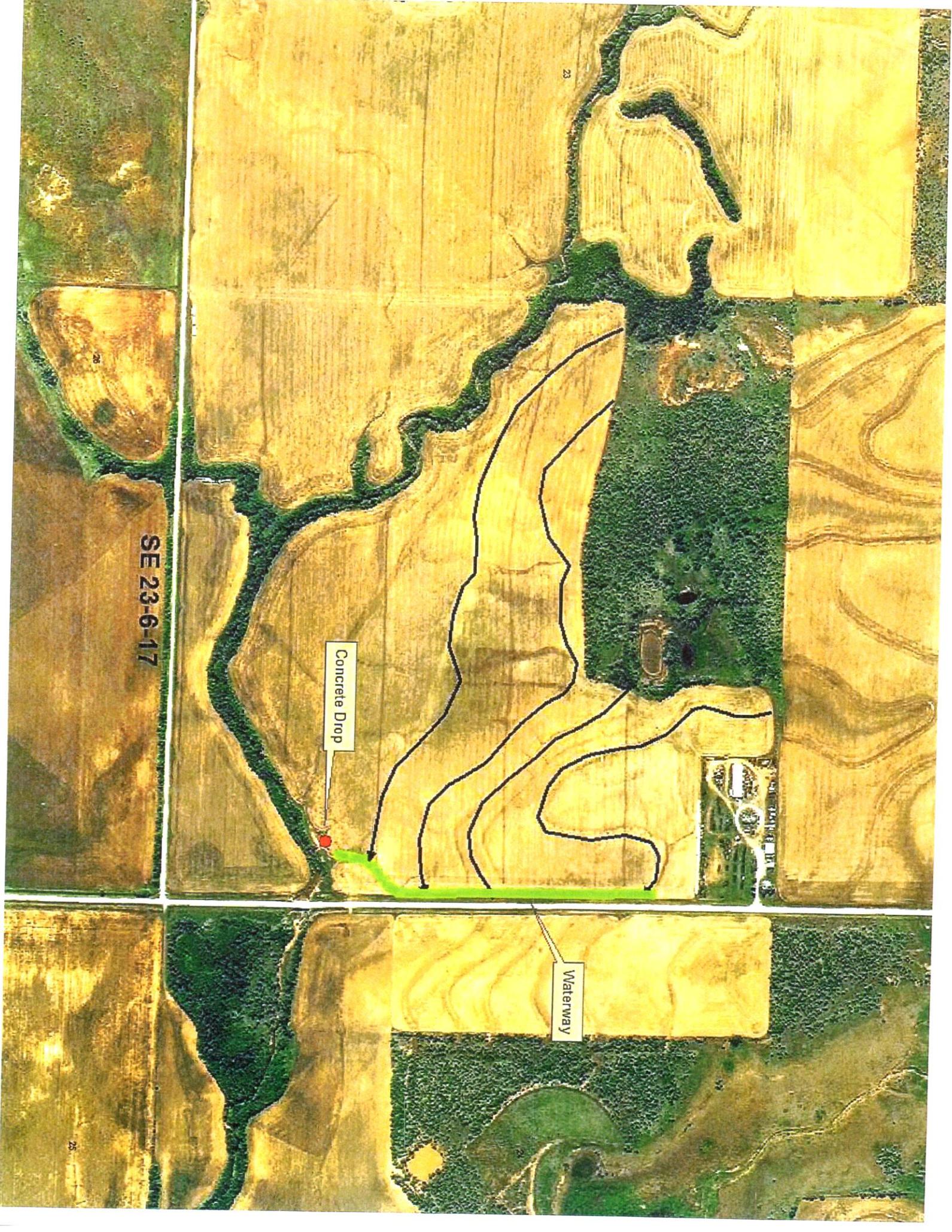
Approved \_\_\_\_\_

ESTIMATE



Drawing Name \_\_\_\_\_

6/27/11 7:59 AM  
Sheet 1 of 3



SE 23-6-17

Concrete Drop

Waterway

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