

APPENDIX F – CONCEPTUAL MITIGATION OPINION OF PROBABLE COSTS

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 254,800	\$ -	\$ 64,000	\$ 318,800
MICKELSON	\$ 236,600	\$ 467,980	\$ 59,000	\$ 763,580
2ND ST (NORTH & SOUTH)	\$ 13,101,400	\$ 13,610,130	\$ 3,275,000	\$ 29,986,530
BELMONT	\$ 1,496,300	\$ 5,742,120	\$ 374,000	\$ 7,612,420
ISOLATED PROPERTY ACQUISITIONS	\$ 1,820,000	\$ 1,028,963	\$ 455,000	\$ 3,303,963
Totals	\$ 16,909,100	\$ 20,849,193	\$ 4,227,000	\$ 41,985,293

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	2,410	\$ 2.00	\$ 4,820.00
2	Inspection Trench	CY	1,100	\$ 6.00	\$ 6,600.00
3	Embankment Import	CY	6,600	\$ 15.00	\$ 99,000.00
4	Topsoil (6")	CY	1,205	\$ 2.00	\$ 2,410.00
5	Seeding	SY	8,745	\$ 0.60	\$ 5,247.00
6	15" RCP Storm Sewer	LF	250	\$ 30.00	\$ 7,500.00
7	18" RCP Storm Sewer	LF	225	\$ 33.00	\$ 7,425.00
8	Catch Basin - Storm Sewer	EA	2	\$ 1,800.00	\$ 3,600.00
9	Manhole - Storm Sewer	EA	1	\$ 2,000.00	\$ 2,000.00
10	Remove Catch Basin	EA	2	\$ 800.00	\$ 1,600.00
11	Remove Manhole	EA	1	\$ 1,000.00	\$ 1,000.00
12	Remove Storm Sewer	LF	250	\$ 12.00	\$ 3,000.00
13	Remove Existing Levee	CY	10,385	\$ 5.00	\$ 51,925.00
Estimated Construction Cost					\$ 196,127.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	660	\$ 2.00	\$ 1,320.00
2	Subcut (3')	CY	1,655	\$ 3.00	\$ 4,965.00
3	Inspection Trench	CY	270	\$ 6.00	\$ 1,620.00
4	Embankment Import	CY	5,485	\$ 15.00	\$ 82,275.00
5	Topsoil (6")	CY	330	\$ 2.00	\$ 660.00
6	Seeding	SY	2,760	\$ 0.60	\$ 1,656.00
7	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
Estimated Construction Cost					\$ 182,496.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-2200-00810-000	HAUG, WAYNE & ANN M	24 NORTH TERRACE N	10,211	\$15,700	\$112,500	\$128,200	YES	110%	\$161,020	\$161,020
01-2200-00820-000	BLANCHARD, JOHN H & IONE M	26 NORTH TERRACE N	12,786	\$16,100	\$77,700	\$93,800	YES	110%	\$123,180	\$123,180
01-2200-00830-000	HEST, THERESA L REVOCABLE LIVING TRUST	724 NORTH RIVER RD N	14,574	\$24,500	\$68,900	\$93,400	YES	110%	\$122,740	\$122,740
TOTALS								3	\$406,940	\$406,940
									Contingencies (15%)	\$ 61,041.00
									Estimated Land Acquisition and Easement Total	\$ 467,981.00

CONCEPTUAL OPINION OF PROBABLE COSTS
2ND ST (NORTH & SOUTH)
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Topsoil - Imported	CY	3,550	\$ 15.00	\$ 53,250.00
2	Excavation	CY	11,000	\$ 5.00	\$ 55,000.00
3	Subgrade Preparation	SY	12,000	\$ 1.00	\$ 12,000.00
4	Seeding and Mulching	SY	24,200	\$ 0.60	\$ 14,520.00
5	Relocate Trees	EA	16	\$ 1,000.00	\$ 16,000.00
6	Gravel Base (ND Class 5)	TON	13,860	\$ 15.00	\$ 207,900.00
7	Concrete Curb & Gutter (Type II)	LF	10,170	\$ 25.00	\$ 254,250.00
8	Install 7" RC Driveway	SY	60	\$ 60.00	\$ 3,600.00
9	Install 4" RC Sidewalk	SY	4,475	\$ 40.00	\$ 179,000.00
10	Remove Curb & Gutter	LF	4,000	\$ 8.00	\$ 32,000.00
11	Remove Existing Sidewalk	SY	2,740	\$ 5.00	\$ 13,700.00
12	Remove Existing Paving	SY	47,525	\$ 6.00	\$ 285,150.00
13	9" Concrete Pavement	SY	11,250	\$ 50.00	\$ 562,500.00
14	Asphalt Base Course	TON	2,960	\$ 70.00	\$ 207,200.00
15	Asphalt Wear Course CI 27	TON	1,480	\$ 75.00	\$ 111,000.00
16	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
17	Traffic Signals - Per Intersection	EA	2	\$ 200,000.00	\$ 400,000.00
18	Signing	LS	1	\$ 5,000.00	\$ 5,000.00
19	Retaining Wall	LS	1	\$ 100,000.00	\$ 100,000.00
20	Lighting	LS	1	\$ 50,000.00	\$ 50,000.00
21	Saw Concrete	LF	350	\$ 2.00	\$ 700.00
22	0-6' Floodwall	LF	765	\$ 2,000.00	\$ 1,530,000.00
23	6'-12' Floodwall	LF	1,210	\$ 2,500.00	\$ 3,025,000.00
24	12'+ Floodwall	LF	50	\$ 3,500.00	\$ 175,000.00
25	Closure - Structural	SF	1,454	\$ 275.00	\$ 399,850.00
26	Remove Storm Sewer Pipe	LF	2,290	\$ 12.00	\$ 27,480.00
27	Remove Sanitary Sewer Pipe	LF	610	\$ 12.00	\$ 7,320.00
28	Remove Catch Basin	EA	10	\$ 800.00	\$ 8,000.00
29	Remove Storm Manhole	EA	6	\$ 800.00	\$ 4,800.00
30	Remove Sanitary Manhole	EA	3	\$ 800.00	\$ 2,400.00
31	Remove Lift Station	EA	1	\$ 10,000.00	\$ 10,000.00
32	Remove Sanitary Valve Pit	EA	1	\$ 10,000.00	\$ 10,000.00
33	15" PVC Storm Sewer	LF	510	\$ 30.00	\$ 15,300.00
34	27" RCP Storm Sewer	LF	190	\$ 45.00	\$ 8,550.00
35	30" RCP Storm Sewer	LF	235	\$ 65.00	\$ 15,275.00
36	48" RCP Storm Sewer	LF	380	\$ 120.00	\$ 45,600.00
37	66" RCP Storm Sewer	LF	130	\$ 200.00	\$ 26,000.00
38	72" RCP Storm Sewer	LF	660	\$ 240.00	\$ 158,400.00
39	Storm Sewer Manhole	EA	7	\$ 2,000.00	\$ 14,000.00
40	Storm Sewer Catch basin	EA	15	\$ 1,800.00	\$ 27,000.00
41	Storm Sewer Lift Station	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
42	Acquired Property Demolition	EA	4	\$ 250,000.00	\$ 1,000,000.00
Estimated Construction Cost					\$ 10,077,745.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH & SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-2160-00060-000	NORTHLAND HOSPITALITY LLC,	301 3 AVE N	130,740	\$523,000	\$1,897,500	\$2,420,500	YES	140%	\$3,388,700	\$88,484	\$3,477,184
01-2160-00080-000	FEDER REALTY CO	203 4 AVE N	24,575	\$133,000	\$233,100	\$366,100	YES	140%	\$512,540	\$22,794	\$535,334
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,147
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS							4		\$11,523,483	\$311,416	\$11,834,899
										Contingencies (15%)	\$ 1,775,230.00
										Estimated Land Acquisition and Easement Total	\$ 13,610,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 BELMONT
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	1,350	\$ 2.00	\$ 2,700.00
2	Inspection Trench	CY	2,630	\$ 6.00	\$ 15,780.00
3	Embankment Import	CY	2,235	\$ 15.00	\$ 33,525.00
4	Topsoil (6")	CY	675	\$ 2.00	\$ 1,350.00
5	Seeding	SY	43,585	\$ 0.60	\$ 26,150.73
6	Catch Basin - Storm Sewer	EA	3	\$ 1,800.00	\$ 5,400.00
7	Manhole - Storm Sewer	EA	2	\$ 2,000.00	\$ 4,000.00
8	15" Storm Sewer	LF	95	\$ 30.00	\$ 2,850.00
9	Remove Manhole	EA	9	\$ 1,000.00	\$ 9,000.00
10	Remove Catch Basin	EA	18	\$ 800.00	\$ 14,400.00
11	Remove Storm Sewer	LF	1,455	\$ 12.00	\$ 17,460.00
12	Remove Sanitary Sewer	LF	590	\$ 20.00	\$ 11,800.00
13	Remove Water Line	LF	870	\$ 17.00	\$ 14,790.00
14	Remove Existing Levee	CY	6,990	\$ 5.00	\$ 34,950.00
15	Remove Existing Pavement	SY	6,990	\$ 6.00	\$ 41,940.00
16	Road Reconstruction	SY	1,500	\$ 90.00	\$ 135,000.00
17	Acquired Property Demolition	EA	26	\$ 30,000.00	\$ 780,000.00
Estimated Construction Cost					\$ 1,151,095.73

CONCEPTUAL OPINION OF PROBABLE COSTS
 BELMONT
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0120-01930-000	RHEAULT, LESLIE A & JENNIFER A	1507 SOUTH RIVER RD S	6,250	\$17,800	\$100,100	\$117,900	YES	110%	\$149,690	\$149,690
01-0120-01940-000	TJADEN, RYAN & SHANNON	1513 SOUTH RIVER RD S	8,125	\$23,000	\$130,700	\$153,700	YES	110%	\$189,070	\$189,070
01-0120-01950-000	HOLTGARD, HENRY E	1517 SOUTH RIVER RD S	10,625	\$30,100	\$118,200	\$148,300	YES	110%	\$183,130	\$183,130
01-2820-00230-000	SCHEEL, KRISTEN ELIZABETH	1518 SOUTH RIVER RD S	38,487	\$60,700	\$179,900	\$240,600	YES	110%	\$284,660	\$284,660
01-0120-01961-000	JABENS, THOMAS B & JACQUELINE K	1525 SOUTH RIVER RD S	15,000	\$39,900	\$135,700	\$175,600	YES	110%	\$213,160	\$213,160
01-0120-02080-000	BOLDUC, STEVEN	1531 3 ST S	10,000	\$28,400	\$130,800	\$159,200	YES	110%	\$195,120	\$195,120
01-0120-02590-000	STOKKA, TIMOTHY J & KREMER, LAURA L	1533 3ST S	12,000	\$30,300	\$103,500	\$133,800	YES	110%	\$167,180	\$167,180
01-0120-02610-000	REULE, JEFFREY A & JENELLE M	1536 3 ST S	5,000	\$14,200	\$112,500	\$126,700	YES	110%	\$159,370	\$159,370
01-0120-02090-000	SHOLL, BETTY J	306 ELMWOOD AVE S	10,000	\$28,400	\$89,200	\$117,600	YES	110%	\$149,360	\$149,360
01-0120-02675-010	ANDERSON, DOUGLAS J & KRISTEN	208 LINDEN AVE S	15,000	\$42,800	\$433,100	\$475,900	YES	110%	\$543,490	\$543,490
01-0120-02021-050	BOWE, DAVID S	209 LINDEN AVE S	15,000	\$34,000	\$101,400	\$135,400	YES	110%	\$168,940	\$168,940
01-0120-02653-000	NISSSEN, JANE E LIFT ESTATE/NISSSEN, SUSAN J & THOMAS J	220 LINDEN AVE S	7,500	\$3,700	\$0	\$3,700	YES	110%	\$24,070	\$24,070
01-0120-02640-000	NISSSEN, SUSAN J & THOMAS J	222 LINDEN AVE S	5,000	\$14,200	\$98,800	\$113,000	YES	110%	\$144,300	\$144,300
01-0120-02040-000	NEWMAN, SAMUEL M JR & LINDA K	225 LINDEN AVE S	10,000	\$28,400	\$84,000	\$112,400	YES	110%	\$143,640	\$143,640
01-0120-02630-000	MEYER, RICK & MARTHA	226 LINDEN AVE S	5,000	\$14,200	\$74,800	\$89,000	YES	110%	\$117,900	\$117,900
01-0120-02050-000	OLSEN, CATHERINE J	229 LINDEN AVE S	5,000	\$14,200	\$85,000	\$99,200	YES	110%	\$129,120	\$129,120
01-0120-02620-000	SCHWAEN, REGIN	234 LINDEN AVE S	5,000	\$14,200	\$85,200	\$99,400	YES	110%	\$129,340	\$129,340
01-0120-02070-000	PAULSEN, VICKI L	237 LINDEN AVE S	10,000	\$28,400	\$91,400	\$119,800	YES	110%	\$151,780	\$151,780
01-0120-02750-000	GRAF, NEIL S	245 LINDENWOOD DR S	11,545	\$45,300	\$152,600	\$197,900	YES	110%	\$237,690	\$237,690
01-0120-02600-000	MARSDEN, THOMAS H & NANCY	305 LINDENWOOD DR S	11,493	\$35,200	\$159,400	\$194,600	YES	110%	\$234,060	\$234,060
01-0120-02110-000	DECKER, WALTER C & SHARON J	318 ELMWOOD AVE S	14,200	\$14,200	\$84,900	\$99,100	YES	110%	\$129,010	\$129,010
01-2820-00220-000	HOLM, DANIEL H & EDNA T	1514 SOUTH RIVER RD S	35,900	\$35,900	\$95,300	\$131,200	YES	110%	\$164,320	\$164,320
01-2820-00210-000	KADRMAS, C RENEE	1510 SOUTH RIVER RD S	20,878	\$40,700	\$138,500	\$179,200	YES	110%	\$217,120	\$217,120
01-2820-00200-000	COLE, JOYCE B TRUSTEE	1502 SOUTH RIVER RD S	20,730	\$42,000	\$202,200	\$244,200	YES	110%	\$288,620	\$288,620
01-2820-00190-000	PAPACEK, JAMES H	1462 SOUTH RIVER RD S	23,310	\$47,100	\$127,600	\$174,700	YES	110%	\$212,170	\$212,170
01-2820-00180-000	STERN, JOHN E	1458 SOUTH RIVER RD S	22,701	\$44,900	\$179,500	\$224,400	YES	110%	\$266,840	\$266,840
TOTALS							26		\$4,993,150	\$4,993,150
									Contingencies (15%)	\$ 748,970.00
									Estimated Land Acquisition and Easement Total	\$ 5,742,120.00

CONCEPTUAL OPINION OF PROBABLE COSTS
ISOLATED PROPERTY ACQUISITIONS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	5	\$ 30,000.00	\$ 150,000.00
2	Modification of Sanitary LS#2	LS	1	\$ 1,000,000.00	\$ 1,000,000.00
3	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 1,400,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
584360090	MCCAULEY WILLIAM & BARBARA	1813 3RD ST S	29,849	\$65,600	\$120,000	\$185,600	YES	110%	\$224,160	\$224,160
582350160	BAER ZENAS	1715 3RD ST S	35,240	\$59,500	\$236,600	\$296,100	YES	110%	\$345,710	\$345,710
585650270	ROTHLISBERGER JAMES R	605 ELM ST S	7,543	\$21,500	\$54,600	\$76,100	YES	110%	\$103,710	\$103,710
588480140	OLICH DORIS & BRUCE HILDE	710 5TH ST S	11,250	\$32,200	\$19,600	\$51,800	YES	110%	\$76,980	\$76,980
588410150	WEBER DAVID & SHARON	707 9TH ST N	21,730	\$37,700	\$75,200	\$112,900	YES	110%	\$144,190	\$144,190
TOTALS							5		\$894,750	\$894,750
									Contingencies (15%)	\$134,213
Estimated Land Acquisition and Easement Total										\$1,028,963

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 254,800	\$ -	\$ 64,000	\$ 318,800
MICKELSON	\$ 219,700	\$ 467,981	\$ 55,000	\$ 742,681
2ND ST (NORTH & SOUTH)	\$ 12,629,500	\$ 13,610,130	\$ 3,157,000	\$ 29,396,630
BELMONT (OPTION 2)	\$ 117,000	\$ 525,412	\$ 29,000	\$ 671,412
ISOLATED PROPERTY ACQUISITIONS	\$ 1,742,000	\$ 651,912	\$ 436,000	\$ 2,829,912
Totals	\$ 14,963,000	\$ 15,255,435	\$ 3,741,000	\$ 33,959,435

- (1) Construction Estimate includes 30% contingency.
- (2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.
 Commercial acquisition based on 140% of assessed property value.
- (3) Estimated Land Acquisition and Easement includes 15% contingency.
- (4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	2,410	\$ 2.00	\$ 4,820.00
2	Inspection Trench	CY	1,100	\$ 6.00	\$ 6,600.00
3	Embankment Import	CY	6,600	\$ 15.00	\$ 99,000.00
4	Topsoil (6")	CY	1,205	\$ 2.00	\$ 2,410.00
5	Seeding	SY	8,745	\$ 0.60	\$ 5,247.00
6	15" RCP Storm Sewer	LF	250	\$ 30.00	\$ 7,500.00
7	18" RCP Storm Sewer	LF	225	\$ 33.00	\$ 7,425.00
8	Catch Basin - Storm Sewer	EA	2	\$ 1,800.00	\$ 3,600.00
9	Manhole - Storm Sewer	EA	1	\$ 2,000.00	\$ 2,000.00
10	Remove Catch Basin	EA	2	\$ 800.00	\$ 1,600.00
11	Remove Manhole	EA	1	\$ 1,000.00	\$ 1,000.00
12	Remove Storm Sewer	LF	250	\$ 12.00	\$ 3,000.00
13	Remove Existing Levee	CY	10,385	\$ 5.00	\$ 51,925.00
Estimated Construction Cost					\$ 196,127.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	570	\$ 2.00	\$ 1,140.00
2	Subcut (3')	CY	1435	\$ 3.00	\$ 4,305.00
3	Inspection Trench	CY	230	\$ 6.00	\$ 1,380.00
4	Embankment Import	CY	4705	\$ 15.00	\$ 70,575.00
5	Topsoil (6")	CY	290	\$ 2.00	\$ 580.00
6	Seeding	SY	2420	\$ 0.60	\$ 1,452.00
7	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
Estimated Construction Cost					\$ 169,432.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-2200-00810-000	HAUG, WAYNE & ANN M	24 NORTH TERRACE N	10,211	\$15,700	\$112,500	\$128,200	YES	110%	\$161,020	\$161,020
01-2200-00820-000	BLANCHARD, JOHN H & IONE M	26 NORTH TERRACE N	12,786	\$16,100	\$77,700	\$93,800	YES	110%	\$123,180	\$123,180
01-2200-00830-000	HEST, THERESA L REVOCABLE LIVING TRUST	724 NORTH RIVER RD N	14,574	\$24,500	\$68,900	\$93,400	YES	110%	\$122,740	\$122,740
TOTALS								3	\$406,940	\$406,940
									Contingencies (15%)	\$ 61,041.00
Estimated Land Acquisition and Easement Total										\$ 467,981.00

CONCEPTUAL OPINION OF PROBABLE COSTS
2ND ST (NORTH & SOUTH)
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Topsoil - Imported	CY	3,550	\$ 15.00	\$ 53,250.00
2	Excavation	CY	11,000	\$ 5.00	\$ 55,000.00
3	Subgrade Preparation	SY	12,000	\$ 1.00	\$ 12,000.00
4	Seeding and Mulching	SY	24,200	\$ 0.60	\$ 14,520.00
5	Relocate Trees	EA	16.00	\$ 1,000.00	\$ 16,000.00
6	Gravel Base (ND Class 5)	TON	13860	\$ 15.00	\$ 207,900.00
7	Concrete Curb & Gutter (Type II)	LF	10170	\$ 25.00	\$ 254,250.00
8	Install 7" RC Driveway	SY	60	\$ 60.00	\$ 3,600.00
9	Install 4" RC Sidewalk	SY	4475	\$ 40.00	\$ 179,000.00
10	Remove Curb & Gutter	LF	4000	\$ 8.00	\$ 32,000.00
11	Remove Existing Sidewalk	SY	2740	\$ 5.00	\$ 13,700.00
12	Remove Existing Paving	SY	47525	\$ 6.00	\$ 285,150.00
13	9" Concrete Pavement	SY	11250	\$ 50.00	\$ 562,500.00
14	Asphalt Base Course	TON	2960	\$ 70.00	\$ 207,200.00
15	Asphalt Wear Course CI 27	TON	1480	\$ 75.00	\$ 111,000.00
16	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
17	Traffic Signals - Per Intersection	EA	2	\$ 200,000.00	\$ 400,000.00
18	Signing	LS	1	\$ 5,000.00	\$ 5,000.00
19	Retaining Wall	LS	1	\$ 100,000.00	\$ 100,000.00
20	Lighting	LS	1	\$ 50,000.00	\$ 50,000.00
21	Saw Concrete	LF	350	\$ 2.00	\$ 700.00
22	0-6' Floodwall	LF	945	\$ 2,000.00	\$ 1,890,000.00
23	6'-12' Floodwall	LF	990	\$ 2,500.00	\$ 2,475,000.00
24	12'+ Floodwall	LF	30	\$ 3,500.00	\$ 105,000.00
25	Closure - Structural	SF	1,080	\$ 275.00	\$ 297,000.00
26	Remove Storm Sewer Pipe	LF	2290	\$ 12.00	\$ 27,480.00
27	Remove Sanitary Sewer Pipe	LF	610	\$ 12.00	\$ 7,320.00
28	Remove Catch Basin	EA	10	\$ 800.00	\$ 8,000.00
29	Remove Storm Manhole	EA	6	\$ 800.00	\$ 4,800.00
30	Remove Sanitary Manhole	EA	3	\$ 800.00	\$ 2,400.00
31	Remove Lift Station	EA	1	\$ 10,000.00	\$ 10,000.00
32	Remove Sanitary Valve Pit	EA	1	\$ 10,000.00	\$ 10,000.00
33	15" PVC Storm Sewer	LF	510	\$ 30.00	\$ 15,300.00
34	27" RCP Storm Sewer	LF	190	\$ 45.00	\$ 8,550.00
35	30" RCP Storm Sewer	LF	235	\$ 65.00	\$ 15,275.00
36	48" RCP Storm Sewer	LF	380	\$ 120.00	\$ 45,600.00
37	66" RCP Storm Sewer	LF	130	\$ 200.00	\$ 26,000.00
38	72" RCP Storm Sewer	LF	660	\$ 240.00	\$ 158,400.00
39	Storm Sewer Manhole	EA	7	\$ 2,000.00	\$ 14,000.00
40	Storm Sewer Catch basin	EA	15	\$ 1,800.00	\$ 27,000.00
41	Storm Sewer Lift Station	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
42	Acquired Property Demolition	EA	4	\$ 250,000.00	\$ 1,000,000.00
Estimated Construction Cost					\$ 9,714,895.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH & SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-2160-00060-000	NORTHLAND HOSPITALITY LLC,	301 3 AVE N	130,740	\$523,000	\$1,897,500	\$2,420,500	YES	140%	\$3,388,700	\$88,484	\$3,477,184
01-2160-00080-000	FEDER REALTY CO	203 4 AVE N	24,575	\$133,000	\$233,100	\$366,100	YES	140%	\$512,540	\$22,794	\$535,334
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,147
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS							4		\$11,523,483	\$311,416	\$11,834,899
										Contingencies (15%)	\$ 1,775,230.00
Estimated Land Acquisition and Easement Total											\$ 13,610,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS
ISOLATED PROPERTY ACQUISITIONS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
2	Modification of Sanitary LS#2	LS	1	\$ 1,000,000.00	\$ 1,000,000.00
3	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 1,340,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
582350160	BAER ZENAS	1715 3RD ST S	35,240	\$59,500	\$236,600	\$296,100	YES	110%	\$345,710	\$345,710
588480140	OLICH DORIS & BRUCE HILDE	710 5TH ST S	11,250	\$32,200	\$19,600	\$51,800	YES	110%	\$76,980	\$76,980
588410150	WEBER DAVID & SHARON	707 9TH ST N	21,730	\$37,700	\$75,200	\$112,900	YES	110%	\$144,190	\$144,190
TOTALS							3		\$566,880	\$566,880
									Contingencies (15%)	\$85,032
									Estimated Land Acquisition and Easement Total	\$651,912

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 254,800	\$ -	\$ 64,000	\$ 318,800
MICKELSON	\$ 204,100	\$ 467,981	\$ 51,000	\$ 723,081
2ND ST (NORTH & SOUTH)	\$ 10,845,900	\$ 13,610,130	\$ 2,711,000	\$ 27,167,030
BELMONT (OPTION 2)	\$ 78,000	\$ 359,467	\$ 20,000	\$ 457,467
ISOLATED PROPERTY ACQUISITIONS	\$ 364,000	\$ 88,527	\$ 91,000	\$ 543,527
Totals	\$ 11,746,800	\$ 14,526,105	\$ 2,937,000	\$ 29,209,905

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	2,410	\$ 2.00	\$ 4,820.00
2	Inspection Trench	CY	1,100	\$ 6.00	\$ 6,600.00
3	Embankment Import	CY	6,600	\$ 15.00	\$ 99,000.00
4	Topsoil (6")	CY	1,205	\$ 2.00	\$ 2,410.00
5	Seeding	SY	8,745	\$ 0.60	\$ 5,247.00
6	15" RCP Storm Sewer	LF	250	\$ 30.00	\$ 7,500.00
7	18" RCP Storm Sewer	LF	225	\$ 33.00	\$ 7,425.00
8	Catch Basin - Storm Sewer	EA	2	\$ 1,800.00	\$ 3,600.00
9	Manhole - Storm Sewer	EA	1	\$ 2,000.00	\$ 2,000.00
10	Remove Catch Basin	EA	2	\$ 800.00	\$ 1,600.00
11	Remove Manhole	EA	1	\$ 1,000.00	\$ 1,000.00
12	Remove Storm Sewer	LF	250	\$ 12.00	\$ 3,000.00
13	Remove Existing Levee	CY	10,385	\$ 5.00	\$ 51,925.00
Estimated Construction Cost					\$ 196,127.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	500	\$ 2.00	\$ 1,000.00
2	Subcut (3')	CY	1235	\$ 3.00	\$ 3,705.00
3	Inspection Trench	CY	215	\$ 6.00	\$ 1,290.00
4	Embankment Import	CY	3970	\$ 15.00	\$ 59,550.00
5	Topsoil (6")	CY	250	\$ 2.00	\$ 500.00
6	Seeding	SY	2100	\$ 0.60	\$ 1,260.00
7	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
Estimated Construction Cost					\$ 157,305.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-2200-00810-000	HAUG, WAYNE & ANN M	24 NORTH TERRACE N	10,211	\$15,700	\$112,500	\$128,200	YES	110%	\$161,020	\$161,020
01-2200-00820-000	BLANCHARD, JOHN H & IONE M	26 NORTH TERRACE N	12,786	\$16,100	\$77,700	\$93,800	YES	110%	\$123,180	\$123,180
01-2200-00830-000	HEST, THERESA L REVOCABLE LIVING TRUST	724 NORTH RIVER RD N	14,574	\$24,500	\$68,900	\$93,400	YES	110%	\$122,740	\$122,740
TOTALS							3		\$406,940	\$406,940
									Contingencies (15%)	\$ 61,041.00
Estimated Land Acquisition and Easement Total									\$	467,981.00

CONCEPTUAL OPINION OF PROBABLE COSTS
2ND ST (NORTH & SOUTH)
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Topsoil - Imported	CY	3,550	\$ 15.00	\$ 53,250.00
2	Excavation	CY	11,000	\$ 5.00	\$ 55,000.00
3	Subgrade Preparation	SY	12,000	\$ 1.00	\$ 12,000.00
4	Seeding and Mulching	SY	24,200	\$ 0.60	\$ 14,520.00
5	Relocate Trees	EA	16	\$ 1,000.00	\$ 16,000.00
6	Gravel Base (ND Class 5)	TON	13860	\$ 15.00	\$ 207,900.00
7	Concrete Curb & Gutter (Type II)	LF	7705	\$ 25.00	\$ 192,625.00
8	Install 7" RC Driveway	SY	60	\$ 60.00	\$ 3,600.00
9	Install 4" RC Sidewalk	SY	4000	\$ 40.00	\$ 160,000.00
10	Remove Curb & Gutter	LF	4000	\$ 8.00	\$ 32,000.00
11	Remove Existing Sidewalk	SY	2735	\$ 5.00	\$ 13,675.00
12	Remove Existing Paving	SY	40000	\$ 6.00	\$ 240,000.00
13	9" Concrete Pavement	SY	11250	\$ 50.00	\$ 562,500.00
14	Asphalt Base Course	TON	1500	\$ 70.00	\$ 105,000.00
15	Asphalt Wear Course CI 27	TON	750	\$ 75.00	\$ 56,250.00
16	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
17	Traffic Signals - Per Intersection	EA	2	\$ 200,000.00	\$ 400,000.00
18	Signing	LS	1	\$ 5,000.00	\$ 5,000.00
19	Retaining Wall	LS	1	\$ 100,000.00	\$ 100,000.00
20	Lighting	LS	1	\$ 50,000.00	\$ 50,000.00
21	Saw Concrete	LF	350	\$ 2.00	\$ 700.00
22	0-6' Floodwall	LF	755	\$ 2,000.00	\$ 1,510,000.00
23	6'-12' Floodwall	LF	810	\$ 2,500.00	\$ 2,025,000.00
24	Closure - Structural	SF	520	\$ 275.00	\$ 143,000.00
25	Remove Storm Sewer Pipe	LF	2290	\$ 12.00	\$ 27,480.00
26	Remove Sanitary Sewer Pipe	LF	610	\$ 12.00	\$ 7,320.00
27	Remove Catch Basin	EA	10	\$ 800.00	\$ 8,000.00
28	Remove Storm Manhole	EA	6	\$ 800.00	\$ 4,800.00
29	Remove Sanitary Manhole	EA	3	\$ 800.00	\$ 2,400.00
30	Remove Lift Station	EA	1	\$ 10,000.00	\$ 10,000.00
31	Remove Sanitary Valve Pit	EA	1	\$ 10,000.00	\$ 10,000.00
32	15" PVC Storm Sewer	LF	510	\$ 30.00	\$ 15,300.00
33	27" RCP Storm Sewer	LF	190	\$ 45.00	\$ 8,550.00
34	30" RCP Storm Sewer	LF	235	\$ 65.00	\$ 15,275.00
35	48" RCP Storm Sewer	LF	380	\$ 120.00	\$ 45,600.00
36	66" RCP Storm Sewer	LF	130	\$ 200.00	\$ 26,000.00
37	72" RCP Storm Sewer	LF	660	\$ 240.00	\$ 158,400.00
38	Storm Sewer Manhole	EA	7	\$ 2,000.00	\$ 14,000.00
39	Storm Sewer Catch basin	EA	15	\$ 1,800.00	\$ 27,000.00
40	Storm Sewer Lift Station	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
41	Acquired Property Demolition	EA	4	\$ 250,000.00	\$ 1,000,000.00
Estimated Construction Cost					\$ 8,343,145.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH & SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-2160-00060-000	NORTHLAND HOSPITALITY LLC,	301 3 AVE N	130,740	\$523,000	\$1,897,500	\$2,420,500	YES	140%	\$3,388,700	\$88,484	\$3,477,184
01-2160-00080-000	FEDER REALTY CO	203 4 AVE N	24,575	\$133,000	\$233,100	\$366,100	YES	140%	\$512,540	\$22,794	\$535,334
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,147
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS							4		\$11,523,483	\$311,416	\$11,834,899
										Contingencies (15%)	\$ 1,775,230.00
Estimated Land Acquisition and Easement Total											\$ 13,610,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS
ISOLATED PROPERTY ACQUISITIONS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 30,000.00	\$ 30,000.00
2	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 280,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
588480140	OLICH DORIS & BRUCE HILDE	710 5TH ST S	11,250	\$32,200	\$19,600	\$51,800	YES	110%	\$76,980	\$76,980
TOTALS							1		\$76,980	\$76,980
									Contingencies (15%)	\$ 11,547.00
Estimated Land Acquisition and Easement Total										\$ 88,527.00

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
CONCEPTUAL OPINION OF PROBABLE COSTS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 1**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 254,800	\$ -	\$ 64,000	\$ 318,800
MICKELSON	\$ 204,100	\$ 467,981	\$ 51,000	\$ 723,081
2ND ST (NORTH & SOUTH)	\$ 10,589,800	\$ 13,610,130	\$ 2,647,000	\$ 26,846,930
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ 325,000	\$ -	\$ 81,000	\$ 406,000
Totals	\$ 11,373,700	\$ 14,078,111	\$ 2,843,000	\$ 28,294,811

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	2,410	\$ 2.00	\$ 4,820.00
2	Inspection Trench	CY	1,100	\$ 6.00	\$ 6,600.00
3	Embankment Import	CY	6,600	\$ 15.00	\$ 99,000.00
4	Topsoil (6")	CY	1,205	\$ 2.00	\$ 2,410.00
5	Seeding	SY	8,745	\$ 0.60	\$ 5,247.00
6	15" RCP Storm Sewer	LF	250	\$ 30.00	\$ 7,500.00
7	18" RCP Storm Sewer	LF	225	\$ 33.00	\$ 7,425.00
8	Catch Basin - Storm Sewer	EA	2	\$ 1,800.00	\$ 3,600.00
9	Manhole - Storm Sewer	EA	1	\$ 2,000.00	\$ 2,000.00
10	Remove Catch Basin	EA	2	\$ 800.00	\$ 1,600.00
11	Remove Manhole	EA	1	\$ 1,000.00	\$ 1,000.00
12	Remove Storm Sewer	LF	250	\$ 12.00	\$ 3,000.00
13	Remove Existing Levee	CY	10,385	\$ 5.00	\$ 51,925.00
Estimated Construction Cost					\$ 196,127.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	500	\$ 2.00	\$ 1,000.00
2	Subcut (3')	CY	1235	\$ 3.00	\$ 3,705.00
3	Inspection Trench	CY	215	\$ 6.00	\$ 1,290.00
4	Embankment Import	CY	3970	\$ 15.00	\$ 59,550.00
5	Topsoil (6")	CY	250	\$ 2.00	\$ 500.00
6	Seeding	SY	2100	\$ 0.60	\$ 1,260.00
7	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
Estimated Construction Cost					\$ 157,305.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-2200-00810-000	HAUG, WAYNE & ANN M	24 NORTH TERRACE N	10,211	\$15,700	\$112,500	\$128,200	YES	110%	\$161,020	\$161,020
01-2200-00820-000	BLANCHARD, JOHN H & IONE M	26 NORTH TERRACE N	12,786	\$16,100	\$77,700	\$93,800	YES	110%	\$123,180	\$123,180
01-2200-00830-000	HEST, THERESA L REVOCABLE LIVING TRUST	724 NORTH RIVER RD N	14,574	\$24,500	\$68,900	\$93,400	YES	110%	\$122,740	\$122,740
TOTALS							3		\$406,940	\$406,940
									Contingencies (15%)	\$ 61,041.00
Estimated Land Acquisition and Easement Total									\$	467,981.00

CONCEPTUAL OPINION OF PROBABLE COSTS
2ND ST (NORTH & SOUTH)
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Topsoil - Imported	CY	3,550	\$ 15.00	\$ 53,250.00
2	Excavation	CY	11,000	\$ 5.00	\$ 55,000.00
3	Subgrade Preparation	SY	12,000	\$ 1.00	\$ 12,000.00
4	Seeding and Mulching	SY	24,200	\$ 0.60	\$ 14,520.00
5	Relocate Trees	EA	16	\$ 1,000.00	\$ 16,000.00
6	Gravel Base (ND Class 5)	TON	13860	\$ 15.00	\$ 207,900.00
7	Concrete Curb & Gutter (Type II)	LF	7705	\$ 25.00	\$ 192,625.00
8	Install 7" RC Driveway	SY	60	\$ 60.00	\$ 3,600.00
9	Install 4" RC Sidewalk	SY	4000	\$ 40.00	\$ 160,000.00
10	Remove Curb & Gutter	LF	4000	\$ 8.00	\$ 32,000.00
11	Remove Existing Sidewalk	SY	2735	\$ 5.00	\$ 13,675.00
12	Remove Existing Paving	SY	40000	\$ 6.00	\$ 240,000.00
13	9" Concrete Pavement	SY	11250	\$ 50.00	\$ 562,500.00
14	Asphalt Base Course	TON	1500	\$ 70.00	\$ 105,000.00
15	Asphalt Wear Course CI 27	TON	750	\$ 75.00	\$ 56,250.00
16	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
17	Traffic Signals - Per Intersection	EA	2	\$ 200,000.00	\$ 400,000.00
18	Signing	LS	1	\$ 5,000.00	\$ 5,000.00
19	Retaining Wall	LS	1	\$ 100,000.00	\$ 100,000.00
20	Lighting	LS	1	\$ 50,000.00	\$ 50,000.00
21	Saw Concrete	LF	350	\$ 2.00	\$ 700.00
22	0-6' Floodwall	LF	865	\$ 2,000.00	\$ 1,730,000.00
23	6'-12' Floodwall	LF	660	\$ 2,500.00	\$ 1,650,000.00
24	Closure - Structural	SF	365	\$ 275.00	\$ 100,375.00
25	Remove Storm Sewer Pipe	LF	2290	\$ 12.00	\$ 27,480.00
26	Remove Sanitary Sewer Pipe	LF	610	\$ 12.00	\$ 7,320.00
27	Remove Catch Basin	EA	10	\$ 800.00	\$ 8,000.00
28	Remove Storm Manhole	EA	6	\$ 800.00	\$ 4,800.00
29	Remove Sanitary Manhole	EA	3	\$ 800.00	\$ 2,400.00
30	Remove Lift Station	EA	1	\$ 10,000.00	\$ 10,000.00
31	Remove Sanitary Valve Pit	EA	1	\$ 10,000.00	\$ 10,000.00
32	15" PVC Storm Sewer	LF	510	\$ 30.00	\$ 15,300.00
33	27" RCP Storm Sewer	LF	190	\$ 45.00	\$ 8,550.00
34	30" RCP Storm Sewer	LF	235	\$ 65.00	\$ 15,275.00
35	48" RCP Storm Sewer	LF	380	\$ 120.00	\$ 45,600.00
36	66" RCP Storm Sewer	LF	130	\$ 200.00	\$ 26,000.00
37	72" RCP Storm Sewer	LF	660	\$ 240.00	\$ 158,400.00
38	Storm Sewer Manhole	EA	7	\$ 2,000.00	\$ 14,000.00
39	Storm Sewer Catch basin	EA	15	\$ 1,800.00	\$ 27,000.00
40	Storm Sewer Lift Station	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
41	Acquired Property Demolition	EA	4	\$ 250,000.00	\$ 1,000,000.00
Estimated Construction Cost					\$ 8,145,520.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH & SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-2160-00060-000	NORTHLAND HOSPITALITY LLC,	301 3 AVE N	130,740	\$523,000	\$1,897,500	\$2,420,500	YES	140%	\$3,388,700	\$88,484	\$3,477,184
01-2160-00080-000	FEDER REALTY CO	203 4 AVE N	24,575	\$133,000	\$233,100	\$366,100	YES	140%	\$512,540	\$22,794	\$535,334
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,147
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS							4		\$11,523,483	\$311,416	\$11,834,899
										Contingencies (15%)	\$ 1,775,230.00
Estimated Land Acquisition and Easement Total											\$ 13,610,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS
ISOLATED PROPERTY ACQUISITIONS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 250,000.00

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 1**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 254,800	\$ -	\$ 64,000	\$ 318,800
MICKELSON	\$ 204,100	\$ 467,981	\$ 51,000	\$ 723,081
2ND ST (NORTH & SOUTH)	\$ 9,912,500	\$ 5,937,060	\$ 2,478,000	\$ 18,327,560
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ 325,000	\$ -	\$ 81,000	\$ 406,000
Totals	\$ 10,696,400	\$ 6,405,041	\$ 2,674,000	\$ 19,775,441

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	2,410	\$ 2.00	\$ 4,820.00
2	Inspection Trench	CY	1,100	\$ 6.00	\$ 6,600.00
3	Embankment Import	CY	6,600	\$ 15.00	\$ 99,000.00
4	Topsoil (6")	CY	1,205	\$ 2.00	\$ 2,410.00
5	Seeding	SY	8,745	\$ 0.60	\$ 5,247.00
6	15" RCP Storm Sewer	LF	250	\$ 30.00	\$ 7,500.00
7	18" RCP Storm Sewer	LF	225	\$ 33.00	\$ 7,425.00
8	Catch Basin - Storm Sewer	EA	2	\$ 1,800.00	\$ 3,600.00
9	Manhole - Storm Sewer	EA	1	\$ 2,000.00	\$ 2,000.00
10	Remove Catch Basin	EA	2	\$ 800.00	\$ 1,600.00
11	Remove Manhole	EA	1	\$ 1,000.00	\$ 1,000.00
12	Remove Storm Sewer	LF	250	\$ 12.00	\$ 3,000.00
13	Remove Existing Levee	CY	10,385	\$ 5.00	\$ 51,925.00
Estimated Construction Cost					\$ 196,127.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	500	\$ 2.00	\$ 1,000.00
2	Subcut (3')	CY	1235	\$ 3.00	\$ 3,705.00
3	Inspection Trench	CY	215	\$ 6.00	\$ 1,290.00
4	Embankment Import	CY	3970	\$ 15.00	\$ 59,550.00
5	Topsoil (6")	CY	250	\$ 2.00	\$ 500.00
6	Seeding	SY	2100	\$ 0.60	\$ 1,260.00
7	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
Estimated Construction Cost					\$ 157,305.00

CONCEPTUAL OPINION OF PROBABLE COSTS
MICKELSON
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-2200-00810-000	HAUG, WAYNE & ANN M	24 NORTH TERRACE N	10,211	\$15,700	\$112,500	\$128,200	YES	110%	\$161,020	\$161,020
01-2200-00820-000	BLANCHARD, JOHN H & IONE M	26 NORTH TERRACE N	12,786	\$16,100	\$77,700	\$93,800	YES	110%	\$123,180	\$123,180
01-2200-00830-000	HEST, THERESA L REVOCABLE LIVING TRUST	724 NORTH RIVER RD N	14,574	\$24,500	\$68,900	\$93,400	YES	110%	\$122,740	\$122,740
TOTALS							3		\$406,940	\$406,940
									Contingencies (15%)	\$ 61,041.00
									Estimated Land Acquisition and Easement Total	\$ 467,981.00

CONCEPTUAL OPINION OF PROBABLE COSTS
2ND ST (NORTH & SOUTH)
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Topsoil - Imported	CY	3,550	\$ 15.00	\$ 53,250.00
2	Excavation	CY	11,000	\$ 5.00	\$ 55,000.00
3	Subgrade Preparation	SY	12,000	\$ 1.00	\$ 12,000.00
4	Seeding and Mulching	SY	24,200	\$ 0.60	\$ 14,520.00
5	Relocate Trees	EA	16	\$ 1,000.00	\$ 16,000.00
6	Gravel Base (ND Class 5)	TON	13860	\$ 15.00	\$ 207,900.00
7	Concrete Curb & Gutter (Type II)	LF	7705	\$ 25.00	\$ 192,625.00
8	Install 7" RC Driveway	SY	60	\$ 60.00	\$ 3,600.00
9	Install 4" RC Sidewalk	SY	4000	\$ 40.00	\$ 160,000.00
10	Remove Curb & Gutter	LF	4000	\$ 8.00	\$ 32,000.00
11	Remove Existing Sidewalk	SY	2735	\$ 5.00	\$ 13,675.00
12	Remove Existing Paving	SY	40000	\$ 6.00	\$ 240,000.00
13	9" Concrete Pavement	SY	11250	\$ 50.00	\$ 562,500.00
14	Asphalt Base Course	TON	1500	\$ 70.00	\$ 105,000.00
15	Asphalt Wear Course CI 27	TON	750	\$ 75.00	\$ 56,250.00
16	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
17	Traffic Signals - Per Intersection	EA	2	\$ 200,000.00	\$ 400,000.00
18	Signing	LS	1	\$ 5,000.00	\$ 5,000.00
19	Retaining Wall	LS	1	\$ 100,000.00	\$ 100,000.00
20	Lighting	LS	1	\$ 50,000.00	\$ 50,000.00
21	Saw Concrete	LF	350	\$ 2.00	\$ 700.00
22	0-6' Floodwall	LF	1260	\$ 2,000.00	\$ 2,520,000.00
23	6'-12' Floodwall	LF	250	\$ 2,500.00	\$ 625,000.00
24	Closure - Structural	SF	235	\$ 275.00	\$ 64,625.00
25	Remove Storm Sewer Pipe	LF	2290	\$ 12.00	\$ 27,480.00
26	Remove Sanitary Sewer Pipe	LF	610	\$ 12.00	\$ 7,320.00
27	Remove Catch Basin	EA	10	\$ 800.00	\$ 8,000.00
28	Remove Storm Manhole	EA	6	\$ 800.00	\$ 4,800.00
29	Remove Sanitary Manhole	EA	3	\$ 800.00	\$ 2,400.00
30	Remove Lift Station	EA	1	\$ 10,000.00	\$ 10,000.00
31	Remove Sanitary Valve Pit	EA	1	\$ 10,000.00	\$ 10,000.00
32	15" PVC Storm Sewer	LF	510	\$ 30.00	\$ 15,300.00
33	27" RCP Storm Sewer	LF	190	\$ 45.00	\$ 8,550.00
34	30" RCP Storm Sewer	LF	235	\$ 65.00	\$ 15,275.00
35	48" RCP Storm Sewer	LF	380	\$ 120.00	\$ 45,600.00
36	66" RCP Storm Sewer	LF	130	\$ 200.00	\$ 26,000.00
37	72" RCP Storm Sewer	LF	660	\$ 240.00	\$ 158,400.00
38	Storm Sewer Manhole	EA	7	\$ 2,000.00	\$ 14,000.00
39	Storm Sewer Catch basin	EA	15	\$ 1,800.00	\$ 27,000.00
40	Storm Sewer Lift Station	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
41	Acquired Property Demolition	EA	3	\$ 250,000.00	\$ 750,000.00
Estimated Construction Cost					\$ 7,624,770.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH & SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-2160-00060-000	NORTHLAND HOSPITALITY LLC,	301 3 AVE N	130,740	\$523,000	\$1,897,500	\$2,420,500	YES	140%	\$3,388,700	\$88,484	\$3,477,184
01-2160-00080-000	FEDER REALTY CO	203 4 AVE N	24,575	\$133,000	\$233,100	\$366,100	YES	140%	\$512,540	\$22,794	\$535,334
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,147
TOTALS							3		\$4,959,303	\$203,361	\$5,162,665
										Contingencies (15%)	\$ 774,400.00
										Estimated Land Acquisition and Easement Total	\$ 5,937,060.00

CONCEPTUAL OPINION OF PROBABLE COSTS
ISOLATED PROPERTY ACQUISITIONS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 250,000.00

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 1**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 254,800	\$ -	\$ 64,000	\$ 318,800
MICKELSON	\$ -	\$ -	\$ -	\$ -
2ND ST (NORTH & SOUTH)	\$ 9,751,300	\$ 5,937,060	\$ 2,438,000	\$ 18,126,360
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ -	\$ -	\$ -	\$ -
Totals	\$ 10,006,100	\$ 5,937,060	\$ 2,502,000	\$ 18,445,160

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	2,410	\$ 2.00	\$ 4,820.00
2	Inspection Trench	CY	1,100	\$ 6.00	\$ 6,600.00
3	Embankment Import	CY	6,600	\$ 15.00	\$ 99,000.00
4	Topsoil (6")	CY	1,205	\$ 2.00	\$ 2,410.00
5	Seeding	SY	8,745	\$ 0.60	\$ 5,247.00
6	15" RCP Storm Sewer	LF	250	\$ 30.00	\$ 7,500.00
7	18" RCP Storm Sewer	LF	225	\$ 33.00	\$ 7,425.00
8	Catch Basin - Storm Sewer	EA	2	\$ 1,800.00	\$ 3,600.00
9	Manhole - Storm Sewer	EA	1	\$ 2,000.00	\$ 2,000.00
10	Remove Catch Basin	EA	2	\$ 800.00	\$ 1,600.00
11	Remove Manhole	EA	1	\$ 1,000.00	\$ 1,000.00
12	Remove Storm Sewer	LF	250	\$ 12.00	\$ 3,000.00
13	Remove Existing Levee	CY	10,385	\$ 5.00	\$ 51,925.00
Estimated Construction Cost					\$ 196,127.00

CONCEPTUAL OPINION OF PROBABLE COSTS
2ND ST (NORTH & SOUTH)
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Topsoil - Imported	CY	3,550	\$ 15.00	\$ 53,250.00
2	Excavation	CY	11,000	\$ 5.00	\$ 55,000.00
3	Subgrade Preparation	SY	12,000	\$ 1.00	\$ 12,000.00
4	Seeding and Mulching	SY	24,200	\$ 0.60	\$ 14,520.00
5	Relocate Trees	EA	16	\$ 1,000.00	\$ 16,000.00
6	Gravel Base (ND Class 5)	TON	13860	\$ 15.00	\$ 207,900.00
7	Concrete Curb & Gutter (Type II)	LF	7705	\$ 25.00	\$ 192,625.00
8	Install 7" RC Driveway	SY	60	\$ 60.00	\$ 3,600.00
9	Install 4" RC Sidewalk	SY	4000	\$ 40.00	\$ 160,000.00
10	Remove Curb & Gutter	LF	4000	\$ 8.00	\$ 32,000.00
11	Remove Existing Sidewalk	SY	2735	\$ 5.00	\$ 13,675.00
12	Remove Existing Paving	SY	40000	\$ 6.00	\$ 240,000.00
13	9" Concrete Pavement	SY	11250	\$ 50.00	\$ 562,500.00
14	Asphalt Base Course	TON	1500	\$ 70.00	\$ 105,000.00
15	Asphalt Wear Course CI 27	TON	750	\$ 75.00	\$ 56,250.00
16	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
17	Traffic Signals - Per Intersection	EA	2	\$ 200,000.00	\$ 400,000.00
18	Signing	LS	1	\$ 5,000.00	\$ 5,000.00
19	Retaining Wall	LS	1	\$ 100,000.00	\$ 100,000.00
20	Lighting	LS	1	\$ 50,000.00	\$ 50,000.00
21	Saw Concrete	LF	350	\$ 2.00	\$ 700.00
22	0-6' Floodwall	LF	1430	\$ 2,000.00	\$ 2,860,000.00
23	6'-12' Floodwall	LF	80	\$ 2,500.00	\$ 200,000.00
24	Closure - Structural	SF	95	\$ 275.00	\$ 26,125.00
25	Remove Storm Sewer Pipe	LF	2290	\$ 12.00	\$ 27,480.00
26	Remove Sanitary Sewer Pipe	LF	610	\$ 12.00	\$ 7,320.00
27	Remove Catch Basin	EA	10	\$ 800.00	\$ 8,000.00
28	Remove Storm Manhole	EA	6	\$ 800.00	\$ 4,800.00
29	Remove Sanitary Manhole	EA	3	\$ 800.00	\$ 2,400.00
30	Remove Lift Station	EA	1	\$ 10,000.00	\$ 10,000.00
31	Remove Sanitary Valve Pit	EA	1	\$ 10,000.00	\$ 10,000.00
32	15" PVC Storm Sewer	LF	510	\$ 30.00	\$ 15,300.00
33	27" RCP Storm Sewer	LF	190	\$ 45.00	\$ 8,550.00
34	30" RCP Storm Sewer	LF	235	\$ 65.00	\$ 15,275.00
35	48" RCP Storm Sewer	LF	380	\$ 120.00	\$ 45,600.00
36	66" RCP Storm Sewer	LF	130	\$ 200.00	\$ 26,000.00
37	72" RCP Storm Sewer	LF	660	\$ 240.00	\$ 158,400.00
38	Storm Sewer Manhole	EA	7	\$ 2,000.00	\$ 14,000.00
39	Storm Sewer Catch basin	EA	15	\$ 1,800.00	\$ 27,000.00
40	Storm Sewer Lift Station	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
41	Acquired Property Demolition	EA	3	\$ 250,000.00	\$ 750,000.00
Estimated Construction Cost					\$ 7,501,270.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH & SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 1

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-2160-00060-000	NORTHLAND HOSPITALITY LLC,	301 3 AVE N	130,740	\$523,000	\$1,897,500	\$2,420,500	YES	140%	\$3,388,700	\$88,484	\$3,477,184
01-2160-00080-000	FEDER REALTY CO	203 4 AVE N	24,575	\$133,000	\$233,100	\$366,100	YES	140%	\$512,540	\$22,794	\$535,334
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,147
TOTALS							3		\$4,959,303	\$203,361	\$5,162,665
										Contingencies (15%)	\$ 774,400.00
										Estimated Land Acquisition and Easement Total	\$ 5,937,060.00

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 31 - OPTION 1**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 254,800	\$ -	\$ 64,000	\$ 318,800
MICKELSON	\$ -	\$ -	\$ -	\$ -
2ND ST (NORTH & SOUTH)	\$ -	\$ -	\$ -	\$ -
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ -	\$ -	\$ -	\$ -
Totals	\$ 254,800	\$ -	\$ 64,000	\$ 318,800

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 31 - OPTION 1

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping (12")	CY	2,410	\$ 2.00	\$ 4,820.00
2	Inspection Trench	CY	1,100	\$ 6.00	\$ 6,600.00
3	Embankment Import	CY	6,600	\$ 15.00	\$ 99,000.00
4	Topsoil (6")	CY	1,205	\$ 2.00	\$ 2,410.00
5	Seeding	SY	8,745	\$ 0.60	\$ 5,247.00
6	15" RCP Storm Sewer	LF	250	\$ 30.00	\$ 7,500.00
7	18" RCP Storm Sewer	LF	225	\$ 33.00	\$ 7,425.00
8	Catch Basin - Storm Sewer	EA	2	\$ 1,800.00	\$ 3,600.00
9	Manhole - Storm Sewer	EA	1	\$ 2,000.00	\$ 2,000.00
10	Remove Catch Basin	EA	2	\$ 800.00	\$ 1,600.00
11	Remove Manhole	EA	1	\$ 1,000.00	\$ 1,000.00
12	Remove Storm Sewer	LF	250	\$ 12.00	\$ 3,000.00
13	Remove Existing Levee	CY	10,385	\$ 5.00	\$ 51,925.00
Estimated Construction Cost					\$ 196,127.00

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 97,500	\$ 946,358	\$ 24,000	\$ 1,067,858
MICKELSON (OPTION 1)	\$ 236,600	\$ 467,980	\$ 59,000	\$ 763,580
2ND ST (NORTH AND SOUTH)	\$ 11,822,200	\$ 8,995,738	\$ 2,956,000	\$ 23,773,938
BELMONT	\$ 968,500	\$ 3,281,928	\$ 242,000	\$ 4,492,428
ISOLATED PROPERTY ACQUISITIONS	\$ 1,820,000	\$ 1,028,963	\$ 455,000	\$ 3,303,963
Totals	\$ 14,944,800	\$ 14,720,966	\$ 3,736,000	\$ 33,401,766

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 75,000.00	\$ 75,000.00
Estimated Construction Cost				\$	75,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0760-00035-000	EL ZAGAL	1429 3 ST N	134,998	\$104,000	\$452,800	\$556,800	YES	140%	\$779,520	\$779,520
01-0760-00011-000	EL ZAGAL	1435 3 ST N	41,251	\$31,000	\$0	\$31,000	YES	140%	\$43,400	\$43,400
TOTALS							2		\$822,920	\$822,920
									Contingencies (15%)	\$ 123,438.00
									Estimated Land Acquisition and Easement Total	\$ 946,358.00

CONCEPTUAL OPINION OF PROBABLE COSTS

2ND ST (NORTH AND SOUTH)

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping	CY	650	\$ 2.00	\$ 1,300.00
2	Topsoil	CY	400	\$ 2.00	\$ 800.00
3	Seeding and Mulching	SY	1,910	\$ 0.60	\$ 1,146.00
4	Catch Basin - Storm Sewer	EA	11	\$ 1,800.00	\$ 19,800.00
5	Manhole - Storm Sewer	EA	20	\$ 2,000.00	\$ 40,000.00
6	Gateway - Storm Sewer	EA	1	\$ 100,000.00	\$ 100,000.00
7	Lift Station - Storm Sewer	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
8	15" Storm Sewer	LF	205	\$ 30.00	\$ 6,150.00
9	36" Storm Sewer	LF	1,765	\$ 80.00	\$ 141,200.00
10	60" Storm Sewer	LF	150	\$ 160.00	\$ 24,000.00
11	0'-6" - Floodwall	LF	530	\$ 2,000.00	\$ 1,060,000.00
12	6'-12" - Floodwall	LF	1,250	\$ 2,500.00	\$ 3,125,000.00
13	12' + Floodwall	LF	45	\$ 3,500.00	\$ 157,500.00
14	Closure - Structural	SF	3,743	\$ 275.00	\$ 1,029,325.00
15	Remove Manhole	EA	5	\$ 1,000.00	\$ 5,000.00
16	Remove Catch Basin	EA	7	\$ 800.00	\$ 5,600.00
17	Remove Storm Sewer	LF	335	\$ 12.00	\$ 4,020.00
18	Install 4" RC Sidewalk	SY	2,380	\$ 40.00	\$ 95,200.00
19	Road Reconstruction	SY	13,330	\$ 90.00	\$ 1,199,700.00
20	Parking Lot Reconstruction	SY	4,500	\$ 70.00	\$ 315,000.00
21	Acquired Property Demolition	EA	2	\$ 250,000.00	\$ 500,000.00
22	Asphalt Base Course	TON	1,460	\$ 70.00	\$ 102,200.00
23	Asphalt Wear Course CI 27	TON	730	\$ 75.00	\$ 54,750.00
24	Concrete Curb & Gutter (Type II)	LF	2,465	\$ 25.00	\$ 61,625.00
25	Remove Existing Paving	SY	7,525	\$ 6.00	\$ 45,150.00
Estimated Construction Cost					\$ 9,094,466.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH AND SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,146
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS										\$200,137	\$7,822,380
										Contingencies (15%)	\$ 1,173,357.07
										Estimated Land Acquisition and Easement Total	\$ 8,995,737.50

CONCEPTUAL OPINION OF PROBABLE COSTS

BELMONT

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Topsoil (6")	CY	3,620	\$ 2.00	\$ 7,240.00
2	Seeding	SY	21,725	\$ 0.60	\$ 13,035.00
3	Remove Manhole	EA	9	\$ 1,000.00	\$ 9,000.00
4	Remove Catch Basin	EA	18	\$ 800.00	\$ 14,400.00
5	Remove Storm Sewer	LF	1,455	\$ 12.00	\$ 17,460.00
6	Remove Sanitary Sewer	LF	590	\$ 20.00	\$ 11,800.00
7	Remove Water Line	LF	870	\$ 17.00	\$ 14,790.00
8	Remove Existing Pavement	SY	6,990	\$ 6.00	\$ 41,940.00
9	Road Reconstruction	SY	1,500	\$ 90.00	\$ 135,000.00
10	Acquired Property Demolition	EA	16	\$ 30,000.00	\$ 480,000.00
Estimated Construction Cost					\$ 744,665.00

CONCEPTUAL OPINION OF PROBABLE COSTS

BELMONT

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0120-01930-000	RHEAULT, LESLIE A & JENNIFER A	1507 SOUTH RIVER RD S	6,250	\$17,800	\$100,100	\$117,900	YES	110%	\$149,690	\$149,690
01-0120-01940-000	TJADEN, RYAN & SHANNON	1513 SOUTH RIVER RD S	8,125	\$23,000	\$130,700	\$153,700	YES	110%	\$189,070	\$189,070
01-0120-01950-000	HOLTGARD, HENRY E	1517 SOUTH RIVER RD S	10,625	\$30,100	\$118,200	\$148,300	YES	110%	\$183,130	\$183,130
01-0120-01961-000	JABENS, THOMAS B & JACQUELINE K	1525 SOUTH RIVER RD S	15,000	\$39,900	\$135,700	\$175,600	YES	110%	\$213,160	\$213,160
01-0120-01920-000	CHAPUT, JEANNA M	1529 3 ST S	9,777	\$24,900	\$110,700	\$135,600	YES	110%	\$169,160	\$169,160
01-0120-02021-050	BOWE, DAVID S	209 LINDEN AVE S	15,000	\$34,000	\$101,400	\$135,400	YES	110%	\$168,940	\$168,940
01-0120-02653-000	NISSEN, JANE E LIFT ESTATE/NISSEN, SUSAN J & THOMAS J	220 LINDEN AVE S	7,500	\$3,700	\$0	\$3,700	YES	110%	\$24,070	\$24,070
01-0120-02640-000	NISSEN, SUSAN J & THOMAS J	222 LINDEN AVE S	5,000	\$14,200	\$98,800	\$113,000	YES	110%	\$144,300	\$144,300
01-0120-02040-000	NEWMAN, SAMUEL M JR & LINDA K	225 LINDEN AVE S	10,000	\$28,400	\$84,000	\$112,400	YES	110%	\$143,640	\$143,640
01-0120-02630-000	MEYER, RICK & MARTHA	226 LINDEN AVE S	5,000	\$14,200	\$74,800	\$89,000	YES	110%	\$117,900	\$117,900
01-0120-02050-000	OLSEN, CATHERINE J	229 LINDEN AVE S	5,000	\$14,200	\$85,000	\$99,200	YES	110%	\$129,120	\$129,120
01-0120-02620-000	SCHWAEN, REGIN	234 LINDEN AVE S	5,000	\$14,200	\$85,200	\$99,400	YES	110%	\$129,340	\$129,340
01-0120-02070-000	PAULSEN, VICKI L	237 LINDEN AVE S	10,000	\$28,400	\$91,400	\$119,800	YES	110%	\$151,780	\$151,780
01-0120-02750-000	GRAF, NEIL S	245 LINDENWOOD DR S	11,545	\$45,300	\$152,600	\$197,900	YES	110%	\$237,690	\$237,690
01-0120-02610-000	REULE, JEFFREY A & JENELLE M	1536 3 ST S	5,000	\$14,200	\$112,500	\$126,700	YES	110%	\$159,370	\$159,370
01-0120-02675-010	ANDERSON, DOUGLAS J & KRISTEN	208 LINDEN AVE S	15,000	\$42,800	\$433,100	\$475,900	YES	110%	\$543,490	\$543,490
TOTALS							16		\$2,853,850	\$2,853,850
									Contingencies (15%)	\$ 428,077.50
									Estimated Land Acquisition and Easement Total	\$ 3,281,927.50

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTIT Y	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	5	\$ 30,000.00	\$ 150,000.00
2	Modification of Sanitary LS#2	LS	1	\$ 1,000,000.00	\$ 1,000,000.00
3	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 1,400,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 37 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
584360090	MCCAULEY WILLIAM & BARBARA	1813 3RD ST S	29,849	\$65,600	\$120,000	\$185,600	YES	110%	\$224,160	\$224,160
582350160	BAER ZENAS	1715 3RD ST S	35,240	\$59,500	\$236,600	\$296,100	YES	110%	\$345,710	\$345,710
585650270	ROTHLISBERGER JAMES R	605 ELM ST S	7,543	\$21,500	\$54,600	\$76,100	YES	110%	\$103,710	\$103,710
588480140	OLICH DORIS & BRUCE HILDE	710 5TH ST S	11,250	\$32,200	\$19,600	\$51,800	YES	110%	\$76,980	\$76,980
588410150	WEBER DAVID & SHARON	707 9TH ST N	21,730	\$37,700	\$75,200	\$112,900	YES	110%	\$144,190	\$144,190
TOTALS							5		\$894,750	\$894,750
									Contingencies (15%)	\$134,213
Estimated Land Acquisition and Easement Total										\$1,028,963

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 97,500	\$ 946,358	\$ 24,000	\$ 1,067,858
MICKELSON (OPTION 1)	\$ 219,700	\$ 467,981	\$ 55,000	\$ 742,681
2ND ST (NORTH AND SOUTH)	\$ 11,368,500	\$ 8,995,738	\$ 2,842,000	\$ 23,206,238
BELMONT	\$ 117,000	\$ 525,412	\$ 29,000	\$ 671,412
ISOLATED PROPERTY ACQUISITIONS	\$ 1,742,000	\$ 651,912	\$ 436,000	\$ 2,829,912
Totals	\$ 13,544,700	\$ 11,587,401	\$ 3,386,000	\$ 28,518,101

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 75,000.00	\$ 75,000.00
				Estimated Construction Cost	\$ 75,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0760-00035-000	EL ZAGAL	1429 3 ST N	134,998	\$104,000	\$452,800	\$556,800	YES	140%	\$779,520	\$779,520
01-0760-00011-000	EL ZAGAL	1435 3 ST N	41,251	\$31,000	\$0	\$31,000	YES	140%	\$43,400	\$43,400
TOTALS									\$822,920	\$822,920
									Contingencies (15%)	\$ 123,438.00
									Estimated Land Acquisition and Easement Total	\$ 946,358.00

CONCEPTUAL OPINION OF PROBABLE COSTS

2ND ST (NORTH AND SOUTH)

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping	CY	650	\$ 2.00	\$ 1,300.00
2	Topsoil	CY	400	\$ 2.00	\$ 800.00
3	Seeding and Mulching	SY	1,910	\$ 0.60	\$ 1,146.00
4	Catch Basin - Storm Sewer	EA	11	\$ 1,800.00	\$ 19,800.00
5	Manhole - Storm Sewer	EA	20	\$ 2,000.00	\$ 40,000.00
6	Gatewell - Storm Sewer	EA	1	\$ 100,000.00	\$ 100,000.00
7	Lift Station - Storm Sewer	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
8	15" Storm Sewer	LF	205	\$ 30.00	\$ 6,150.00
9	36" Storm Sewer	LF	1,765	\$ 80.00	\$ 141,200.00
10	60" Storm Sewer	LF	150	\$ 160.00	\$ 24,000.00
11	0'-6" - Floodwall	LF	450	\$ 2,000.00	\$ 900,000.00
12	6'-12" - Floodwall	LF	1,275	\$ 2,500.00	\$ 3,187,500.00
13	6' + Floodwall	LF	20	\$ 3,500.00	\$ 70,000.00
14	Closure - Structural	SF	3,145	\$ 275.00	\$ 864,875.00
15	Remove Manhole	EA	5	\$ 1,000.00	\$ 5,000.00
16	Remove Catch Basin	EA	7	\$ 800.00	\$ 5,600.00
17	Remove Storm Sewer	LF	335	\$ 12.00	\$ 4,020.00
18	Install 4" RC Sidewalk	SY	2,380	\$ 40.00	\$ 95,200.00
19	Road Reconstruction	SY	13,330	\$ 90.00	\$ 1,199,700.00
20	Parking Lot Reconstruction	SY	4,500	\$ 70.00	\$ 315,000.00
21	Acquired Property Demolition	EA	2	\$ 250,000.00	\$ 500,000.00
22	Asphalt Base Course	TON	1460	\$ 70.00	\$ 102,200.00
23	Asphalt Wear Course CI 27	TON	730	\$ 75.00	\$ 54,750.00
24	Concrete Curb & Gutter (Type II)	LF	2465	\$ 25.00	\$ 61,625.00
25	Remove Existing Paving	SY	7525	\$ 6.00	\$ 45,150.00
Estimated Construction Cost					\$ 8,745,016.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH AND SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,146
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS							2		\$7,622,243	\$200,137	\$7,822,380
										Contingencies (15%)	\$ 1,173,357.07
Estimated Land Acquisition and Easement Total											\$ 8,995,737.50

CONCEPTUAL OPINION OF PROBABLE COSTS

BELMONT

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
				Estimated Construction Cost	\$ 90,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 BELMONT
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0120-02021-050	BOWE, DAVID S	209 LINDEN AVE S	15,000	\$34,000	\$101,400	\$135,400	YES	110%	\$168,940	\$168,940
01-0120-02040-000	NEWMAN, SAMUEL M JR & LINDA K	225 LINDEN AVE S	10,000	\$28,400	\$84,000	\$112,400	YES	110%	\$143,640	\$143,640
01-0120-02640-000	NISSEN, JANE E LIFE ESTATE/NISSEN, SUSAN J & THOMAS J	222 LINDEN AVE S	5,000	\$14,200	\$98,800	\$113,000	YES	110%	\$144,300	\$144,300
TOTALS							3		\$456,880	\$456,880
									Contingencies (15%)	\$ 68,532.00
									Estimated Land Acquisition and Easement Total	\$525,412

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	3	\$ 30,000.00	\$ 90,000.00
2	Modification of Sanitary LS#2	LS	1	\$ 1,000,000.00	\$ 1,000,000.00
3	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 1,340,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 36 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
582350160	BAER ZENAS	1715 3RD ST S	35,240	\$59,500	\$236,600	\$296,100	YES	110%	\$345,710	\$345,710
588480140	OLICH DORIS & BRUCE HILDE	710 5TH ST S	11,250	\$32,200	\$19,600	\$51,800	YES	110%	\$76,980	\$76,980
588410150	WEBER DAVID & SHARON	707 9TH ST N	21,730	\$37,700	\$75,200	\$112,900	YES	110%	\$144,190	\$144,190
TOTALS							3		\$566,880	\$566,880
									Contingencies (15%)	\$85,032
									Estimated Land Acquisition and Easement Total	\$651,912

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 97,500	\$ 946,358	\$ 24,000	\$ 1,067,858
MICKELSON (OPTION 1)	\$ 204,100	\$ 467,981	\$ 51,000	\$ 723,081
2ND ST (NORTH AND SOUTH)	\$ 9,484,800	\$ 8,995,738	\$ 2,371,000	\$ 20,851,538
BELMONT	\$ 78,000	\$ 359,467	\$ 20,000	\$ 457,467
ISOLATED PROPERTY ACQUISITIONS	\$ 364,000	\$ 88,527	\$ 91,000	\$ 543,527
Totals	\$ 10,228,400	\$ 10,858,071	\$ 2,557,000	\$ 23,643,471

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 75,000.00	\$ 75,000.00
				Estimated Construction Cost	\$ 75,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0760-00035-000	EL ZAGAL	1429 3 ST N	134,998	\$104,000	\$452,800	\$556,800	YES	140%	\$779,520	\$779,520
01-0760-00011-000	EL ZAGAL	1435 3 ST N	41,251	\$31,000	\$0	\$31,000	YES	140%	\$43,400	\$43,400
TOTALS							2		\$822,920	\$822,920
									Contingencies (15%)	\$ 123,438.00
									Estimated Land Acquisition and Easement Total	\$ 946,358.00

CONCEPTUAL OPINION OF PROBABLE COSTS

2ND ST (NORTH AND SOUTH)

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping	CY	650	\$ 2.00	\$ 1,300.00
2	Topsoil	CY	400	\$ 2.00	\$ 800.00
3	Seeding and Mulching	SY	1,910	\$ 0.60	\$ 1,146.00
4	Catch Basin - Storm Sewer	EA	11	\$ 1,800.00	\$ 19,800.00
5	Manhole - Storm Sewer	EA	20	\$ 2,000.00	\$ 40,000.00
6	Gatewell - Storm Sewer	EA	1	\$ 100,000.00	\$ 100,000.00
7	Lift Station - Storm Sewer	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
8	15" Storm Sewer	LF	205	\$ 30.00	\$ 6,150.00
9	36" Storm Sewer	LF	1,765	\$ 80.00	\$ 141,200.00
10	60" Storm Sewer	LF	150	\$ 160.00	\$ 24,000.00
11	0'-6" - Floodwall	LF	355	\$ 2,000.00	\$ 710,000.00
12	6'-12" - Floodwall	LF	1,005	\$ 2,500.00	\$ 2,512,500.00
13	Closure - Structural	SF	2,305	\$ 275.00	\$ 633,875.00
14	Remove Manhole	EA	5	\$ 1,000.00	\$ 5,000.00
15	Remove Catch Basin	EA	7	\$ 800.00	\$ 5,600.00
16	Remove Storm Sewer	LF	335	\$ 12.00	\$ 4,020.00
17	Install Sidewalk	SY	1,905	\$ 40.00	\$ 76,200.00
18	Road Reconstruction	SY	13,330	\$ 90.00	\$ 1,199,700.00
19	Parking Lot Reconstruction	SY	4,500	\$ 70.00	\$ 315,000.00
20	Acquired Property Demolition	EA	2	\$ 250,000.00	\$ 500,000.00
Estimated Construction Cost					\$ 7,296,291.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH AND SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,146
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS							2		\$7,622,243	\$200,137	\$7,822,380
										Contingencies (15%)	\$ 1,173,357.07
Estimated Land Acquisition and Easement Total											\$ 8,995,737.50

CONCEPTUAL OPINION OF PROBABLE COSTS

BELMONT

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	2	\$ 30,000.00	\$ 60,000.00
				Estimated Construction Cost	\$ 60,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 BELMONT
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0120-02021-050	BOWE, DAVID S	209 LINDEN AVE S	15,000	\$34,000	\$101,400	\$135,400	YES	110%	\$168,940	\$168,940
01-0120-02040-000	NEWMAN, SAMUEL M JR & LINDA K	225 LINDEN AVE S	10,000	\$28,400	\$84,000	\$112,400	YES	110%	\$143,640	\$143,640
TOTALS									\$312,580	\$312,580
									Contingencies (15%)	\$ 46,887.00
									Estimated Land Acquisition and Easement Total	\$ 359,467.00

CONCEPTUAL OPINION OF PROBABLE COSTS

BELMONT

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 30,000.00	\$ 30,000.00
2	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
				Estimated Construction Cost	\$ 280,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 ISOLATED PROPERTY ACQUISITIONS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 35 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
588480140	OLICH DORIS & BRUCE HILDE	710 5TH ST S	11,250	\$32,200	\$19,600	\$51,800	YES	110%	\$76,980	\$76,980
TOTALS							1		\$76,980	\$76,980
									Contingencies (15%)	\$11,547
Estimated Land Acquisition and Easement Total										\$88,527

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 2**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 97,500	\$ 946,358	\$ 24,000	\$ 1,067,858
MICKELSON (OPTION 1)	\$ 204,100	\$ 467,981	\$ 51,000	\$ 723,081
2ND ST (NORTH AND SOUTH)	\$ 8,907,600	\$ 8,995,738	\$ 2,227,000	\$ 20,130,338
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ 325,000	\$ -	\$ 81,000	\$ 406,000
Totals	\$ 9,534,200	\$ 10,410,077	\$ 2,383,000	\$ 22,327,277

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 75,000.00	\$ 75,000.00
				Estimated Construction Cost	\$ 75,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0760-00035-000	EL ZAGAL	1429 3 ST N	134,998	\$104,000	\$452,800	\$556,800	YES	140%	\$779,520	\$779,520
01-0760-00011-000	EL ZAGAL	1435 3 ST N	41,251	\$31,000	\$0	\$31,000	YES	140%	\$43,400	\$43,400
TOTALS								2	\$822,920	\$822,920
									Contingencies (15%)	\$ 123,438.00
									Estimated Land Acquisition and Easement Total	\$ 946,358.00

CONCEPTUAL OPINION OF PROBABLE COSTS

2ND ST (NORTH AND SOUTH)

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping	CY	650	\$ 2.00	\$ 1,300.00
2	Topsoil	CY	400	\$ 2.00	\$ 800.00
3	Seeding and Mulching	SY	1,910	\$ 0.60	\$ 1,146.00
4	Catch Basin - Storm Sewer	EA	11	\$ 1,800.00	\$ 19,800.00
5	Manhole - Storm Sewer	EA	20	\$ 2,000.00	\$ 40,000.00
6	Gateway - Storm Sewer	EA	1	\$ 100,000.00	\$ 100,000.00
7	Lift Station - Storm Sewer	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
8	15" Storm Sewer	LF	205	\$ 30.00	\$ 6,150.00
9	36" Storm Sewer	LF	1,765	\$ 80.00	\$ 141,200.00
10	60" Storm Sewer	LF	150	\$ 160.00	\$ 24,000.00
11	0'-6" - Floodwall	LF	835	\$ 2,000.00	\$ 1,670,000.00
12	6'-12" - Floodwall	LF	490	\$ 2,500.00	\$ 1,225,000.00
13	Closure - Structural	SF	1,880	\$ 275.00	\$ 517,000.00
14	Remove Manhole	EA	5	\$ 1,000.00	\$ 5,000.00
15	Remove Catch Basin	EA	7	\$ 800.00	\$ 5,600.00
16	Remove Storm Sewer	LF	335	\$ 12.00	\$ 4,020.00
17	Install Sidewalk	SY	1,905	\$ 40.00	\$ 76,200.00
18	Road Reconstruction	SY	13,330	\$ 90.00	\$ 1,199,700.00
19	Parking Lot Reconstruction	SY	4,500	\$ 70.00	\$ 315,000.00
20	Acquired Property Demolition	EA	2	\$ 250,000.00	\$ 500,000.00
Estimated Construction Cost					\$ 6,851,916.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH AND SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,146
01-2112-00050-000	PARK EAST APARTMENTS LLC	1 2 ST S	207,410	\$830,000	\$3,858,700	\$4,688,700	YES	140%	\$6,564,180	\$108,054	\$6,672,234
TOTALS							2		\$7,622,243	\$200,137	\$7,822,380
										Contingencies (15%)	\$ 1,173,357.07
										Estimated Land Acquisition and Easement Total	\$ 8,995,737.50

CONCEPTUAL OPINION OF PROBABLE COSTS
ISOLATED PROPERTY ACQUISITIONS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 34 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 250,000.00

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 2**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 97,500	\$ 946,358	\$ 24,000	\$ 1,067,858
MICKELSON (OPTION 1)	\$ 204,100	\$ 467,981	\$ 51,000	\$ 723,081
2ND ST (NORTH AND SOUTH)	\$ 8,115,900	\$ 1,322,668	\$ 2,029,000	\$ 11,467,568
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ 325,000	\$ -	\$ 81,000	\$ 406,000
Totals	\$ 8,742,500	\$ 2,737,007	\$ 2,185,000	\$ 13,664,507

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 75,000.00	\$ 75,000.00
				Estimated Construction Cost	\$ 75,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0760-00035-000	EL ZAGAL	1429 3 ST N	134,998	\$104,000	\$452,800	\$556,800	YES	140%	\$779,520	\$779,520
01-0760-00011-000	EL ZAGAL	1435 3 ST N	41,251	\$31,000	\$0	\$31,000	YES	140%	\$43,400	\$43,400
TOTALS									\$822,920	\$822,920
									Contingencies (15%)	\$ 123,438.00
Estimated Land Acquisition and Easement Total									\$	946,358.00

CONCEPTUAL OPINION OF PROBABLE COSTS

2ND ST (NORTH AND SOUTH)

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping	CY	650	\$ 2.00	\$ 1,300.00
2	Topsoil	CY	400	\$ 2.00	\$ 800.00
3	Seeding and Mulching	SY	1,910	\$ 0.60	\$ 1,146.00
4	Catch Basin - Storm Sewer	EA	11	\$ 1,800.00	\$ 19,800.00
5	Manhole - Storm Sewer	EA	20	\$ 2,000.00	\$ 40,000.00
6	Gateway - Storm Sewer	EA	1	\$ 100,000.00	\$ 100,000.00
7	Lift Station - Storm Sewer	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
8	15" Storm Sewer	LF	205	\$ 30.00	\$ 6,150.00
9	36" Storm Sewer	LF	1,765	\$ 80.00	\$ 141,200.00
10	60" Storm Sewer	LF	150	\$ 160.00	\$ 24,000.00
11	0'-6" - Floodwall	LF	1,225	\$ 2,000.00	\$ 2,450,000.00
12	6'-12" - Floodwall	LF	80	\$ 2,500.00	\$ 200,000.00
13	Closure - Structural	SF	1,465	\$ 275.00	\$ 402,875.00
14	Remove Manhole	EA	5	\$ 1,000.00	\$ 5,000.00
15	Remove Catch Basin	EA	7	\$ 800.00	\$ 5,600.00
16	Remove Storm Sewer	LF	335	\$ 12.00	\$ 4,020.00
17	Install Sidewalk	SY	1,905	\$ 40.00	\$ 76,200.00
18	Road Reconstruction	SY	13,330	\$ 90.00	\$ 1,199,700.00
19	Parking Lot Reconstruction	SY	4,500	\$ 70.00	\$ 315,000.00
20	Acquired Property Demolition	EA	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 6,242,791.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH AND SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,146
TOTALS							1		\$1,058,063	\$92,083	\$1,150,146
										Contingencies (15%)	\$ 172,521.97
Estimated Land Acquisition and Easement Total										\$	1,322,668.40

CONCEPTUAL OPINION OF PROBABLE COSTS
ISOLATED PROPERTY ACQUISITIONS
URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 33 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Modification of Storm LS FC2	LS	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 250,000.00

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 2**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 97,500	\$ 946,358.00	\$ 24,000	\$ 1,067,858
MICKELSON	\$ -	\$ -	\$ -	\$ -
2ND ST (NORTH AND SOUTH)	\$ 7,988,500	\$ 1,322,668.40	\$ 1,997,000	\$ 11,308,168
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ -	\$ -	\$ -	\$ -
Totals	\$ 8,086,000	\$ 2,269,026	\$ 2,021,000	\$ 12,376,026

- (1) Construction Estimate includes 30% contingency.
- (2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.
 Commercial acquisition based on 140% of assessed property value.
- (3) Estimated Land Acquisition and Easement includes 15% contingency.
- (4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 75,000.00	\$ 75,000.00
				Estimated Construction Cost	\$ 75,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0760-00035-000	EL ZAGAL	1429 3 ST N	134,998	\$104,000	\$452,800	\$556,800	YES	140%	\$779,520	\$779,520
01-0760-00011-000	EL ZAGAL	1435 3 ST N	41,251	\$31,000	\$0	\$31,000	YES	140%	\$43,400	\$43,400
TOTALS								2	\$822,920	\$822,920
									Contingencies (15%)	\$ 123,438.00
									Estimated Land Acquisition and Easement Total	\$ 946,358.00

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH AND SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Stripping	CY	650	\$ 2.00	\$ 1,300.00
2	Topsoil	CY	400	\$ 2.00	\$ 800.00
3	Seeding and Mulching	SY	1,910	\$ 0.60	\$ 1,146.00
4	Catch Basin - Storm Sewer	EA	11	\$ 1,800.00	\$ 19,800.00
5	Manhole - Storm Sewer	EA	20	\$ 2,000.00	\$ 40,000.00
6	Gateway - Storm Sewer	EA	1	\$ 100,000.00	\$ 100,000.00
7	Lift Station - Storm Sewer	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
8	15" Storm Sewer	LF	205	\$ 30.00	\$ 6,150.00
9	36" Storm Sewer	LF	1,765	\$ 80.00	\$ 141,200.00
10	60" Storm Sewer	LF	147	\$ 160.00	\$ 23,553.04
11	0'-6" - Floodwall	LF	1,225	\$ 2,000.00	\$ 2,450,000.00
12	6'-12" - Floodwall	LF	80	\$ 2,500.00	\$ 200,000.00
13	Closure - Structural	SF	1,110	\$ 275.00	\$ 305,250.00
14	Remove Manhole	EA	5	\$ 1,000.00	\$ 5,000.00
15	Remove Catch Basin	EA	7	\$ 800.00	\$ 5,600.00
16	Remove Storm Sewer	LF	335	\$ 12.00	\$ 4,020.00
17	Install Sidewalk	SY	1,905	\$ 40.00	\$ 76,200.00
18	Road Reconstruction	SY	13,330	\$ 90.00	\$ 1,199,700.00
19	Parking Lot Reconstruction	SY	4,500	\$ 70.00	\$ 315,000.00
20	Acquired Property Demolition	EA	1	\$ 250,000.00	\$ 250,000.00
Estimated Construction Cost					\$ 6,144,719.04

CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND ST (NORTH AND SOUTH)
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 32 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	HTRW Clean Up Cost	TOTAL (\$)
01-1540-01500-000	FARGO BOARD OF EDUCATION	419 3 ST N	45,636	\$113,000	\$1,018,000	\$1,131,000	YES	140%	\$1,058,063	\$92,083	\$1,150,146
TOTALS							1		\$1,058,063	\$92,083	\$1,150,146
										Contingencies (15%)	\$ 172,521.97
										Estimated Land Acquisition and Easement Total	\$ 1,322,668.40

**FLOOD DIVERSION AUTHORITY, AWD-00002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 31 - OPTION 2**

Area	Estimated Construction Total (1)	Land Acquisition Total (2) (3)	Engineering, Administration, Legal, Misc. (4)	Total Estimated Cost
EL ZAGAL	\$ 97,500	\$ 946,358	\$ 24,000	\$ 1,067,858
MICKELSON	\$ -	\$ -	\$ -	\$ -
2ND STREET	\$ -	\$ -	\$ -	\$ -
BELMONT	\$ -	\$ -	\$ -	\$ -
ISOLATED PROPERTY ACQUISITIONS	\$ -	\$ -	\$ -	\$ -
Totals	\$ 97,500	\$ 946,358	\$ 24,000	\$ 1,067,858

(1) Construction Estimate includes 30% contingency.

(2) Residential acquisition based on 110% of assessed property value plus \$20,000 in other incentives.

Commercial acquisition based on 140% of assessed property value.

(3) Estimated Land Acquisition and Easement includes 15% contingency.

(4) Engineering, Administration, Legal, Misc. based on 25% of estimated construction total.

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 31 - OPTION 2

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Acquired Property Demolition	EA	1	\$ 75,000.00	\$ 75,000.00
Estimated Construction Cost					\$ 75,000.00

CONCEPTUAL OPINION OF PROBABLE COSTS

EL ZAGAL

URBAN PROPERTY AND INFRASTRUCTURE FLOOD RISK MITIGATION PROJECTS FOR RS 31 - OPTION 2

LAND ACQUISITION

PIN	OWNER	ADDRESS	ENTIRE LOT (SF)	ASSESSED LAND (\$)	ASSESSED BLDG (\$)	ASSESSED TOTAL (\$)	BUYOUT (YES)	ACQUISITION MULTIPLIER	ACQUISITION (\$)	TOTAL (\$)
01-0760-00035-000	EL ZAGAL	1429 3 ST N	134,998	\$104,000	\$452,800	\$556,800	YES	140%	\$779,520	\$779,520
01-0760-00011-000	EL ZAGAL	1435 3 ST N	41,251	\$31,000	\$0	\$31,000	YES	140%	\$43,400	\$43,400
TOTALS							2		\$822,920	\$822,920
									Contingencies (15%)	\$ 123,438.00
									Estimated Land Acquisition and Easement Total	\$ 946,358.00

FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37

Road Raises	Total Estimated Cost (1)
15TH MID SOUTH - CLAY COUNTY	\$ 580,565
100TH WEST - CLAY COUNTY	\$ 99,666
15TH SOUTH - CLAY COUNTY	\$ 73,051
96TH WEST - CLAY COUNTY	\$ 27,021
2ND NORTH - CLAY COUNTY	\$ 123,729
80TH NORTH - CLAY COUNTY	\$ 204,035
100TH EAST - CLAY COUNTY	\$ 372,336
10TH SOUTH - CLAY COUNTY	\$ 402,846
10TH NORTH - CLAY COUNTY	\$ 738,194
110TH WEST - CLAY COUNTY	\$ 412,316
130TH SOUTH - CLAY COUNTY	\$ 205,115
PRIVATE DRIVE1 - CLAY COUNTY	\$ 47,869
3RD SOUTH - CLAY COUNTY	\$ 298,958
PRIVATE DRIVE2 - CLAY COUNTY	\$ 19,741
PRIVATE DRIVE3 - CLAY COUNTY	\$ 12,077
PRIVATE DRIVE4 - CLAY COUNTY	\$ 19,763
PRIVATE DRIVE5 - CLAY COUNTY	\$ 25,506
173RD AVE SE NORTH - CASS COUNTY	\$ 15,922
PRIVATE DRIVE4 - CASS COUNTY	\$ 33,993
PRIVATE DRIVE3 - CASS COUNTY	\$ 16,820
PRIVATE DRIVE2 - CASS COUNTY	\$ 22,064
27TH ST SE EAST - CASS COUNTY	\$ 74,048
172ND AVE SE NORTH - CASS COUNTY	\$ 87,318
173RD AVE SE SOUTH - CASS COUNTY	\$ 99,666
57TH ST N NORTH - CASS COUNTY	\$ 28,262
57TH ST S NORTH - CASS COUNTY	\$ 118,705
REED DR. EAST - CASS COUNTY	\$ 14,488
32ND AVE NW WEST - CASS COUNTY	\$ 18,323
VISTO ST - CASS COUNTY	\$ 42,312
BRIARWOOD PL - CASS COUNTY	\$ 18,135
174TH AVE SE SOUTH - CASS COUNTY	\$ 120,575
49TH ST SE WEST - CASS COUNTY	\$ 81,203
49TH ST SE EAST - CASS COUNTY	\$ 55,668
49TH ST SE MID - CASS COUNTY	\$ 37,845
175TH AVE SE SOUTH - CASS COUNTY	\$ 447,910
PIFFER DRIVE - CASS COUNTY	\$ 69,862
118TH AVE SE - CASS COUNTY	\$ 40,757
PRIVATE DRIVE 124 AVE W - CASS COUNTY	\$ 76,650
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$ 200,124
PRIVATE DRIVE 175TH AVE N - CASS COUNTY	\$ 16,824
PRIVATE DRIVE 175TH AVE S - CASS COUNTY	\$ 121,522
COSSETTE DRIVE - CASS COUNTY	\$ 32,128
Totals	\$ 5,553,910

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)
HIEMER, TODD A & TRINA A - 908 76 AVE S	\$ 290,000
HOFER, TODD D & CAMELLA D - 1415 88 AVE S	\$ 391,000
HOFER, TODD D & CAMELLA D - 1402 88 AVE S	\$ 99,000
HAUCK, ROGER - 9015 UNIVERSITY DR S	\$ 292,000
TYSDAL, BYRON & MARGARET - 17579 PFIFFER DR	\$ 272,000
HOLCK, JEREMY D - 17556 PFIFFER DR	\$ 352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$ 386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$ 321,000
KEMP, LINDA - 2551 173 AVE SE	\$ 195,000
WERDER, PAUL D & NICHOLE M - 2707 NORTHWOOD DR	\$ 284,000
LYNNES, GREGORY A & EVA - 2705 NORTHWOOD DR	\$ 368,000
LARSON, JAMES A - 1207 49 AVE N	\$ 201,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$ 156,000
JOHNSON LEROY & ROSEMARY - 612 60TH AVE SW	\$ 129,000
BOSAK GREGORY C & ANGELA J - 5001 OAKPORT ST N	\$ 393,000
OBERG CURTIS - 14328 18TH ST N	\$ 121,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$ 387,000
Totals	\$ 4,637,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

CONCEPTUAL OPINION OF PROBABLE COSTS

15TH MID SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surfacing CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 357,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
100TH WEST - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	3,975	\$ 8.00	\$ 31,800.00
2	NDDOT Gravel Surfacing CL 5	CY	395	\$ 25.00	\$ 9,875.00
3	Seeding and Mulching	SY	6,295	\$ 0.60	\$ 3,777.00
4	Stripping and Topsoil	SY	3,960	\$ 3.00	\$ 11,880.67
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 61,332.67

**CONCEPTUAL OPINION OF PROBABLE COSTS
 15TH SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	1,080	\$ 25.00	\$ 27,000.00
2	Seeding and Mulching	SY	8,230	\$ 0.60	\$ 4,938.00
3	Stripping and Topsoil	SY	3,005	\$ 3.00	\$ 9,016.33
4	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 44,954.33

**CONCEPTUAL OPINION OF PROBABLE COSTS
 96TH WEST - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	215	\$ 8.00	\$ 1,720.00
2	NDDOT Gravel Surfacing CL 5	CY	195	\$ 25.00	\$ 4,875.00
3	Seeding and Mulching	SY	2,905	\$ 0.60	\$ 1,743.00
4	Stripping and Topsoil	SY	1,430	\$ 3.00	\$ 4,290.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 16,628.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND NORTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,570	\$ 8.00	\$ 44,560.00
2	NDDOT Gravel Surfacing CL 5	CY	355	\$ 25.00	\$ 8,875.00
3	Seeding and Mulching	SY	6,775	\$ 0.60	\$ 4,065.00
4	Stripping and Topsoil	SY	4,880	\$ 3.00	\$ 14,640.67
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 76,140.67

CONCEPTUAL OPINION OF PROBABLE COSTS

80TH NORTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	4,730	\$ 8.00	\$ 37,840.00
2	NDDOT Gravel Surfacing CL 5	CY	280	\$ 25.00	\$ 7,000.00
3	Seeding and Mulching	SY	5,325	\$ 0.60	\$ 3,195.00
4	Stripping and Topsoil	SY	4,175	\$ 3.00	\$ 12,525.00
5	Traffic Control	LS	1.00	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1.00	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 820.00	\$ 41,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 125,560.00

CONCEPTUAL OPINION OF PROBABLE COSTS

100TH EAST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surfacing CL 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 229,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS

10TH SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surfacing CL 5	CY	515	\$ 25.00	\$ 12,875.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,530	\$ 3.00	\$ 19,590.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,905.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surfacing CL 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,455	\$ 0.60	\$ 9,873.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 4,000.00	\$ 4,000.00
6	Erosion Control	LS	1	\$ 4,000.00	\$ 4,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,273.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
110TH WEST - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surfacing CL 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
130TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	9,605	\$ 8.00	\$ 76,840.00
2	NDDOT Gravel Surfacing CL 5	CY	625	\$ 25.00	\$ 15,625.00
3	Seeding and Mulching	SY	10,650	\$ 0.60	\$ 6,390.00
4	Stripping and Topsoil	SY	7,790	\$ 3.00	\$ 23,369.67
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 126,224.67

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE1 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,005	\$ 8.00	\$ 16,040.00
2	NDDOT Gravel Surfacing CL 5	CY	180	\$ 25.00	\$ 4,500.00
3	Seeding and Mulching	SY	2,905	\$ 0.60	\$ 1,743.00
4	Stripping and Topsoil	SY	1,725	\$ 3.00	\$ 5,175.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 29,458.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
3RD SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	18,475	\$ 8.00	\$ 147,800.00
2	NDDOT Gravel Surfacing CL 5	CY	310	\$ 25.00	\$ 7,750.00
3	Seeding and Mulching	SY	8,715	\$ 0.60	\$ 5,229.00
4	Stripping and Topsoil	SY	7,065	\$ 3.00	\$ 21,195.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 183,974.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE2 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	510	\$ 8.00	\$ 4,080.00
2	NDDOT Gravel Surfacing CL 5	CY	110	\$ 25.00	\$ 2,750.00
3	Seeding and Mulching	SY	1,455	\$ 0.60	\$ 873.00
4	Stripping and Topsoil	SY	815	\$ 3.00	\$ 2,445.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 12,148.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE3 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	140	\$ 8.00	\$ 1,120.00
2	NDDOT Gravel Surfacing CL 5	CY	100	\$ 25.00	\$ 2,500.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	410	\$ 3.00	\$ 1,230.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,432.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	90	\$ 8.00	\$ 720.00
2	NDDOT Gravel Surfacing CL 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	2,420	\$ 0.60	\$ 1,452.00
4	Stripping and Topsoil	SY	705	\$ 3.00	\$ 2,115.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 12,162.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVES - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	830	\$ 8.00	\$ 6,640.00
2	NDDOT Gravel Surfacing CL 5	CY	90	\$ 25.00	\$ 2,250.00
3	Seeding and Mulching	SY	1,935	\$ 0.60	\$ 1,161.00
4	Stripping and Topsoil	SY	1,215	\$ 3.00	\$ 3,645.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 15,696.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	310	\$ 8.00	\$ 2,480.00
2	NDDOT Gravel Surfacing CL 5	CY	75	\$ 25.00	\$ 1,875.00
3	Seeding and Mulching	SY	680	\$ 0.60	\$ 408.00
4	Stripping and Topsoil	SY	345	\$ 3.00	\$ 1,035.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 9,798.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	550	\$ 8.00	\$ 4,400.00
2	NDDOT Gravel Surfacing CL 5	CY	335	\$ 25.00	\$ 8,375.00
3	Seeding and Mulching	SY	3,390	\$ 0.60	\$ 2,034.00
4	Stripping and Topsoil	SY	1,370	\$ 3.00	\$ 4,110.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 20,919.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE3 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	255	\$ 8.00	\$ 2,040.00
2	NDDOT Gravel Surfacing CL 5	CY	155	\$ 25.00	\$ 3,875.00
3	Seeding and Mulching	SY	1,310	\$ 0.60	\$ 786.00
4	Stripping and Topsoil	SY	550	\$ 3.00	\$ 1,650.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 10,351.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE2 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	270	\$ 8.00	\$ 2,160.00
2	NDDOT Gravel Surfacing CL 5	CY	220	\$ 25.00	\$ 5,500.00
3	Seeding and Mulching	SY	2,180	\$ 0.60	\$ 1,308.00
4	Stripping and Topsoil	SY	870	\$ 3.00	\$ 2,610.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 13,578.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 27TH ST SE EAST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CL 5	CY	305	\$ 25.00	\$ 7,625.00
2	Seeding and Mulching	SY	2,180	\$ 0.60	\$ 1,308.00
3	Stripping and Topsoil	SY	345	\$ 3.00	\$ 1,035.00
4	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Reinforced Concrete Box Culvert	LF	40	\$ 540.00	\$ 21,600.00
7	Reinforced Concrete End Section	EA	2	\$ 5,000.00	\$ 10,000.00
Estimated Construction Cost					\$ 45,568.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
172ND AVE SE NORTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	850	\$ 8.00	\$ 6,800.00
2	NDDOT Gravel Surfacing CL 5	CY	280	\$ 25.00	\$ 7,000.00
3	Seeding and Mulching	SY	4,065	\$ 0.60	\$ 2,439.00
4	Stripping and Topsoil	SY	2,365	\$ 3.00	\$ 7,095.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
7	Reinforced Concrete Box Culvert	LF	40	\$ 460.00	\$ 18,400.00
8	Reinforced Concrete End Section	EA	2	\$ 5,000.00	\$ 10,000.00
Estimated Construction Cost					\$ 53,734.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE SOUTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,055	\$ 8.00	\$ 16,440.00
2	NDDOT Gravel Surfacing CL 5	CY	870	\$ 25.00	\$ 21,750.00
3	Seeding and Mulching	SY	9,680	\$ 0.60	\$ 5,808.00
4	Stripping and Topsoil	SY	4,445	\$ 3.00	\$ 13,335.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 61,333.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
57TH ST N NORTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	370	\$ 8.00	\$ 2,960.00
2	NDDOT Gravel Surfacing CL 5	CY	190	\$ 25.00	\$ 4,750.00
3	Seeding and Mulching	SY	2,520	\$ 0.60	\$ 1,512.00
4	Stripping and Topsoil	SY	1,390	\$ 3.00	\$ 4,170.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 17,392.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 57TH ST S NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surfacing CL 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,615	\$ 0.60	\$ 6,969.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 73,049.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 REED DR. EAST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	105	\$ 8.00	\$ 840.00
2	NDDOT Gravel Surfacing CL 5	CY	90	\$ 25.00	\$ 2,250.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	415	\$ 3.00	\$ 1,243.67
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 8,915.67

**CONCEPTUAL OPINION OF PROBABLE COSTS
 32ND AVE NW WEST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surfacing CL 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,048.67
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 11,275.67

CONCEPTUAL OPINION OF PROBABLE COSTS

VISTO ST - CASS COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surfacing CL 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 26,038.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 BRIARWOOD PL - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	60	\$ 8.00	\$ 480.00
2	NDDOT Gravel Surfacing CL 5	CY	170	\$ 25.00	\$ 4,250.00
3	Seeding and Mulching	SY	1,500	\$ 0.60	\$ 900.24
4	Stripping and Topsoil	SY	510	\$ 3.00	\$ 1,530.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 11,160.24

**CONCEPTUAL OPINION OF PROBABLE COSTS
 174TH AVE SE SOUTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	3,660	\$ 8.00	\$ 29,280.00
2	NDDOT Gravel Surfacing CL 5	CY	735	\$ 25.00	\$ 18,375.00
3	Seeding and Mulching	SY	9,925	\$ 0.60	\$ 5,955.00
4	Stripping and Topsoil	SY	5,530	\$ 3.00	\$ 16,590.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 74,200.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 49TH ST SE WEST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,600	\$ 8.00	\$ 20,800.00
2	NDDOT Gravel Surfacing CL 5	CY	415	\$ 25.00	\$ 10,375.00
3	Seeding and Mulching	SY	5,810	\$ 0.60	\$ 3,486.00
4	Stripping and Topsoil	SY	3,770	\$ 3.00	\$ 11,310.33
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 49,971.33

**CONCEPTUAL OPINION OF PROBABLE COSTS
 49TH ST SE EAST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,140	\$ 8.00	\$ 9,120.00
2	NDDOT Gravel Surfacing CL 5	CY	410	\$ 25.00	\$ 10,250.00
3	Seeding and Mulching	SY	4,745	\$ 0.60	\$ 2,847.00
4	Stripping and Topsoil	SY	2,680	\$ 3.00	\$ 8,040.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 34,257.00

CONCEPTUAL OPINION OF PROBABLE COSTS

49TH ST SE MID - CASS COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	370	\$ 8.00	\$ 2,960.00
2	NDDOT Gravel Surfacing CL 5	CY	390	\$ 25.00	\$ 9,750.00
3	Seeding and Mulching	SY	3,440	\$ 0.60	\$ 2,064.00
4	Stripping and Topsoil	SY	1,505	\$ 3.00	\$ 4,515.33
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 23,289.33

**CONCEPTUAL OPINION OF PROBABLE COSTS
 175TH AVE SE SOUTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Bituminous Surfacing	TONS	1,710	\$ 120.00	\$ 205,200.00
2	Seeding and Mulching	SY	3,970	\$ 0.60	\$ 2,382.00
3	Stripping and Topsoil	SY	685	\$ 3.00	\$ 2,055.00
4	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Reinforced Concrete Box Culvert	LF	60	\$ 700.00	\$ 42,000.00
7	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 275,637.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 PFIFFER DRIVE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,500	\$ 8.00	\$ 12,000.00
2	NDDOT Gravel Surfacing CL 5	CY	735	\$ 25.00	\$ 18,375.00
3	Seeding and Mulching	SY	6,295	\$ 0.60	\$ 3,777.00
4	Stripping and Topsoil	SY	2,280	\$ 3.00	\$ 6,840.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 42,992.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 118TH AVE SE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	785	\$ 8.00	\$ 6,280.00
2	NDDOT Gravel Surfacing CL 5	CY	260	\$ 25.00	\$ 6,500.00
3	Seeding and Mulching	SY	3,585	\$ 0.60	\$ 2,151.00
4	Stripping and Topsoil	SY	2,050	\$ 3.00	\$ 6,150.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 25,081.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE W - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,935	\$ 8.00	\$ 15,480.00
2	NDDOT Gravel Surfacing CL 5	CY	550	\$ 25.00	\$ 13,750.00
3	Seeding and Mulching	SY	7,165	\$ 0.60	\$ 4,299.00
4	Stripping and Topsoil	SY	3,880	\$ 3.00	\$ 11,640.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 47,169.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	9,455	\$ 8.00	\$ 75,640.00
2	NDDOT Gravel Surfacing CL 5	CY	735	\$ 25.00	\$ 18,375.00
3	Seeding and Mulching	SY	11,180	\$ 0.60	\$ 6,708.24
4	Stripping and Topsoil	SY	6,810	\$ 3.00	\$ 20,430.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 123,153.24

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 175TH AVE N - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	295	\$ 8.00	\$ 2,360.00
2	NDDOT Gravel Surfacing CL 5	CY	110	\$ 25.00	\$ 2,750.00
3	Seeding and Mulching	SY	1,455	\$ 0.60	\$ 873.00
4	Stripping and Topsoil	SY	790	\$ 3.00	\$ 2,370.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 10,353.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 175TH AVE S - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	4,590	\$ 8.00	\$ 36,720.00
2	NDDOT Gravel Surfacing CL 5	CY	540	\$ 25.00	\$ 13,500.00
3	Seeding and Mulching	SY	8,955	\$ 0.60	\$ 5,373.00
4	Stripping and Topsoil	SY	5,730	\$ 3.00	\$ 17,190.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 74,783.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 COSSETTE DRIVE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 37**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	265	\$ 8.00	\$ 2,120.00
2	NDDOT Gravel Surfacing CL 5	CY	390	\$ 25.00	\$ 9,750.00
3	Seeding and Mulching	SY	3,585	\$ 0.60	\$ 2,151.00
4	Stripping and Topsoil	SY	1,250	\$ 3.00	\$ 3,750.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 19,771.00

FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36

Road Raises	Total Estimated Cost (1)
15TH MID SOUTH - CLAY COUNTY	\$ 578,940
100TH WEST - CLAY COUNTY	\$ 81,739
15TH SOUTH - CLAY COUNTY	\$ 7,436
96TH WEST - CLAY COUNTY	\$ 6,120
2ND NORTH - CLAY COUNTY	\$ 99,338
80TH NORTH - CLAY COUNTY	\$ 185,240
100TH EAST - CLAY COUNTY	\$ 378,836
10TH SOUTH - CLAY COUNTY	\$ 402,667
10TH NORTH - CLAY COUNTY	\$ 738,199
110TH WEST - CLAY COUNTY	\$ 412,316
130TH SOUTH - CLAY COUNTY	\$ 149,385
PRIVATE DRIVE1 - CLAY COUNTY	\$ 33,067
3RD SOUTH - CLAY COUNTY	\$ 261,108
PRIVATE DRIVE2 - CLAY COUNTY	\$ 11,549
PRIVATE DRIVE3 - CLAY COUNTY	\$ 5,787
PRIVATE DRIVE4 - CLAY COUNTY	\$ 8,582
PRIVATE DRIVE5 - CLAY COUNTY	\$ 15,922
173RD AVE SE NORTH - CASS COUNTY	\$ 12,127
PRIVATE DRIVE4 - CASS COUNTY	\$ 29,161
PRIVATE DRIVE3 - CASS COUNTY	\$ 14,599
PRIVATE DRIVE2 - CASS COUNTY	\$ 19,201
27TH ST SE EAST - CASS COUNTY	\$ 66,968
172ND AVE SE NORTH - CASS COUNTY	\$ 74,731
173RD AVE SE SOUTH - CASS COUNTY	\$ 61,100
57TH ST N NORTH - CASS COUNTY	\$ 13,007
57TH ST S NORTH - CASS COUNTY	\$ 120,335
REED DR. EAST - CASS COUNTY	\$ 8,500
32ND AVE NW WEST - CASS COUNTY	\$ 16,700
VISTO ST - CASS COUNTY	\$ 43,942
174TH AVE SE SOUTH - CASS COUNTY	\$ 28,423
175TH AVE SE SOUTH - CASS COUNTY	\$ 291,169
PIFFER DRIVE - CASS COUNTY	\$ 24,122
118TH AVE SE - CASS COUNTY	\$ 11,042
PRIVATE DRIVE 124 AVE W - CASS COUNTY	\$ 33,777
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$ 140,951
PRIVATE DRIVE 175TH AVE S - CASS COUNTY	\$ 76,607
COSSETTE DRIVE - CASS COUNTY	\$ 4,209
Totals	\$ 4,466,899

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)
HOFER, TODD D & CAMELLA D - 1415 88 AVE S	\$ 391,000
HOFER, TODD D & CAMELLA D - 1402 88 AVE S	\$ 99,000
HAUCK, ROGER - 9015 UNIVERSITY DR S	\$ 292,000
TYSDAL, BYRON & MARGARET - 17579 PFIFFER DR	\$ 272,000
HOLCK, JEREMY D - 17556 PFIFFER DR	\$ 352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$ 386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$ 321,000
KEMP, LINDA - 2551 173 AVE SE	\$ 195,000
LYNNES, GREGORY A & EVA - 2705 NORTHWOOD DR	\$ 368,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$ 156,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$ 387,000
BERG CURTIS - 14328 18TH ST N	\$ 121,000
Totals	\$ 3,340,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

**CONCEPTUAL OPINION OF PROBABLE COSTS
15TH MID SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surface CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 356,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
100TH WEST - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	3,080	\$ 8.00	\$ 24,640.00
2	NDDOT Gravel Surface CI 5	CY	375	\$ 25.00	\$ 9,375.00
3	Seeding and Mulching	SY	5,810	\$ 0.60	\$ 3,486.00
4	Stripping and Topsoil	SY	3,600	\$ 3.00	\$ 10,800.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 50,301.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 15TH SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	80	\$ 25.00	\$ 2,000.00
2	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
3	Stripping and Topsoil	SY	95	\$ 3.00	\$ 285.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 4,576.00

CONCEPTUAL OPINION OF PROBABLE COSTS
96TH WEST - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	10	\$ 8.00	\$ 80.00
2	NDDOT Gravel Surface CI 5	CY	30	\$ 25.00	\$ 750.00
3	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
4	Stripping and Topsoil	SY	215	\$ 3.00	\$ 645.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 3,766.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND NORTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	4,305	\$ 8.00	\$ 34,440.00
2	NDDOT Gravel Surface CI 5	CY	325	\$ 25.00	\$ 8,125.00
3	Seeding and Mulching	SY	5,810	\$ 0.60	\$ 3,486.00
4	Stripping and Topsoil	SY	4,360	\$ 3.00	\$ 13,080.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 61,131.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
80TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	3,640	\$ 8.00	\$ 29,120.00
2	NDDOT Gravel Surface CI 5	CY	245	\$ 25.00	\$ 6,125.00
3	Seeding and Mulching	SY	4,840	\$ 0.60	\$ 2,904.00
4	Stripping and Topsoil	SY	3,615	\$ 3.00	\$ 10,845.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 820.00	\$ 41,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 113,994.00

CONCEPTUAL OPINION OF PROBABLE COSTS

100TH EAST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surface CI 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 233,130.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surface CI 5	CY	510	\$ 25.00	\$ 12,750.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,535	\$ 3.00	\$ 19,605.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,795.00

CONCEPTUAL OPINION OF PROBABLE COSTS**10TH NORTH - CLAY COUNTY****TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36****CONSTRUCTION**

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surface CI 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,460	\$ 0.60	\$ 9,876.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,276.00

CONCEPTUAL OPINION OF PROBABLE COSTS

110TH WEST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surface CI 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

CONCEPTUAL OPINION OF PROBABLE COSTS

130TH SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	6,615	\$ 8.00	\$ 52,920.00
2	NDDOT Gravel Surface CI 5	CY	505	\$ 25.00	\$ 12,625.00
3	Seeding and Mulching	SY	8,715	\$ 0.60	\$ 5,229.00
4	Stripping and Topsoil	SY	6,385	\$ 3.00	\$ 19,155.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 91,929.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE1 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,275	\$ 8.00	\$ 10,200.00
2	NDDOT Gravel Surface Cl 5	CY	130	\$ 25.00	\$ 3,250.00
3	Seeding and Mulching	SY	1,940	\$ 0.60	\$ 1,164.00
4	Stripping and Topsoil	SY	1,245	\$ 3.00	\$ 3,735.00
5	Traffic Control	LS	1.00	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1.00	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 20,349.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 3RD SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,810	\$ 8.00	\$ 126,480.00
2	NDDOT Gravel Surface CI 5	CY	290	\$ 25.00	\$ 7,250.00
3	Seeding and Mulching	SY	7,745	\$ 0.60	\$ 4,647.00
4	Stripping and Topsoil	SY	6,435	\$ 3.00	\$ 19,305.00
5	Traffic Control	LS	1.00	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1.00	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 160,682.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE2 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	190	\$ 8.00	\$ 1,520.00
2	NDDOT Gravel Surface CI 5	CY	65	\$ 25.00	\$ 1,625.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	460	\$ 3.00	\$ 1,380.00
5	Traffic Control	LS	1.00	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1.00	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,107.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE3 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	40	\$ 25.00	\$ 1,000.00
2	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
3	Stripping and Topsoil	SY	90	\$ 3.00	\$ 270.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 3,561.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	35	\$ 25.00	\$ 875.00
2	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
3	Stripping and Topsoil	SY	705	\$ 3.00	\$ 2,115.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 5,281.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVES - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	380	\$ 8.00	\$ 3,040.00
2	NDDOT Gravel Surface CI 5	CY	60	\$ 25.00	\$ 1,500.00
3	Seeding and Mulching	SY	1,455	\$ 0.60	\$ 873.00
4	Stripping and Topsoil	SY	795	\$ 3.00	\$ 2,385.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 9,798.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	295	\$ 8.00	\$ 2,360.00
2	NDDOT Gravel Surface CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	680	\$ 0.60	\$ 408.00
4	Stripping and Topsoil	SY	315	\$ 3.00	\$ 945.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,463.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	320	\$ 8.00	\$ 2,560.00
2	NDDOT Gravel Surface CI 5	CY	335	\$ 25.00	\$ 8,375.00
3	Seeding and Mulching	SY	3,050	\$ 0.60	\$ 1,830.00
4	Stripping and Topsoil	SY	1,060	\$ 3.00	\$ 3,180.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 17,945.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE3 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	160	\$ 8.00	\$ 1,280.00
2	NDDOT Gravel Surface CI 5	CY	145	\$ 25.00	\$ 3,625.00
3	Seeding and Mulching	SY	1,165	\$ 0.60	\$ 699.00
4	Stripping and Topsoil	SY	460	\$ 3.00	\$ 1,380.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 8,984.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE2 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	115	\$ 8.00	\$ 920.00
2	NDDOT Gravel Surface CI 5	CY	220	\$ 25.00	\$ 5,500.00
3	Seeding and Mulching	SY	2,035	\$ 0.60	\$ 1,221.00
4	Stripping and Topsoil	SY	725	\$ 3.00	\$ 2,175.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 11,816.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 27TH ST SE EAST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	175	\$ 25.00	\$ 4,375.00
2	Seeding and Mulching	SY	1,210	\$ 0.60	\$ 726.00
3	Stripping and Topsoil	SY	170	\$ 3.00	\$ 510.00
4	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Reinforced Concrete Box Culvert	LF	40	\$ 540.00	\$ 21,600.00
7	Reinforced Concrete End Section	EA	2	\$ 5,000.00	\$ 10,000.00
Estimated Construction Cost					\$ 41,211.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 172ND AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	395	\$ 8.00	\$ 3,160.00
2	NDDOT Gravel Surface CI 5	CY	245	\$ 25.00	\$ 6,125.00
3	Seeding and Mulching	SY	2,955	\$ 0.60	\$ 1,773.00
4	Stripping and Topsoil	SY	1,510	\$ 3.00	\$ 4,530.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
7	Reinforced Concrete Box Culvert	LF	40	\$ 460.00	\$ 18,400.00
8	Reinforced Concrete End Section	EA	2	\$ 5,000.00	\$ 10,000.00
Estimated Construction Cost					\$ 45,988.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE SOUTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	670	\$ 8.00	\$ 5,360.00
2	NDDOT Gravel Surface CI 5	CY	780	\$ 25.00	\$ 19,500.00
3	Seeding and Mulching	SY	6,875	\$ 0.60	\$ 4,125.00
4	Stripping and Topsoil	SY	2,205	\$ 3.00	\$ 6,615.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 37,600.00

CONCEPTUAL OPINION OF PROBABLE COSTS
57TH ST N NORTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	150	\$ 25.00	\$ 3,750.00
2	Seeding and Mulching	SY	1,115	\$ 0.60	\$ 669.00
3	Stripping and Topsoil	SY	195	\$ 3.00	\$ 585.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 8,004.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
57TH ST S NORTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surface CI 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,620	\$ 0.60	\$ 6,972.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 74,052.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 REED DR. EAST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	65	\$ 25.00	\$ 1,625.00
2	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
3	Stripping and Topsoil	SY	105	\$ 3.00	\$ 315.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 5,231.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
32ND AVE NW WEST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surface CI 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,050.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 10,277.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
VISTO ST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surface CI 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,360	\$ 0.60	\$ 2,616.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 27,041.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 174TH AVE SE SOUTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	295	\$ 8.00	\$ 2,360.00
2	NDDOT Gravel Surface CI 5	CY	335	\$ 25.00	\$ 8,375.00
3	Seeding and Mulching	SY	2,710	\$ 0.60	\$ 1,626.00
4	Stripping and Topsoil	SY	710	\$ 3.00	\$ 2,130.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 17,491.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
175TH AVE SE SOUTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Bituminous Surfacing	TONS	930	\$ 120.00	\$ 111,600.00
2	Seeding and Mulching	SY	1,935	\$ 0.60	\$ 1,161.00
3	Stripping and Topsoil	SY	140	\$ 3.00	\$ 420.00
4	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Reinforced Concrete Box Culvert	LF	60	\$ 700.00	\$ 42,000.00
7	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 179,181.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 PFIFFER DRIVE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	570	\$ 8.00	\$ 4,560.00
2	NDDOT Gravel Surface CI 5	CY	190	\$ 25.00	\$ 4,750.00
3	Seeding and Mulching	SY	1,840	\$ 0.60	\$ 1,104.00
4	Stripping and Topsoil	SY	810	\$ 3.00	\$ 2,430.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 14,844.00

CONCEPTUAL OPINION OF PROBABLE COSTS

118TH AVE SE - CASS COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	105	\$ 25.00	\$ 2,625.00
2	Seeding and Mulching	SY	825	\$ 0.60	\$ 495.00
3	Stripping and Topsoil	SY	225	\$ 3.00	\$ 675.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 6,795.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE W - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	495	\$ 8.00	\$ 3,960.00
2	NDDOT Gravel Surface CI 5	CY	300	\$ 25.00	\$ 7,500.00
3	Seeding and Mulching	SY	3,535	\$ 0.60	\$ 2,121.00
4	Stripping and Topsoil	SY	1,735	\$ 3.00	\$ 5,205.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 20,786.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	6,595	\$ 8.00	\$ 52,760.00
2	NDDOT Gravel Surface CI 5	CY	500	\$ 25.00	\$ 12,500.00
3	Seeding and Mulching	SY	7,890	\$ 0.60	\$ 4,734.00
4	Stripping and Topsoil	SY	4,915	\$ 3.00	\$ 14,745.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 86,739.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 175TH AVE S - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,155	\$ 8.00	\$ 17,240.00
2	NDDOT Gravel Surface CI 5	CY	525	\$ 25.00	\$ 13,125.00
3	Seeding and Mulching	SY	6,730	\$ 0.60	\$ 4,038.00
4	Stripping and Topsoil	SY	3,580	\$ 3.00	\$ 10,740.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 47,143.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 COSSETTE DRIVE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 36**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	CL5 Gravel Surfacing	CY	20	\$ 25.00	\$ 500.00
2	Seeding and Mulching	SY	100	\$ 0.60	\$ 60.00
3	Stripping and Topsoil	SY	10	\$ 3.00	\$ 30.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 2,590.00

FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35

Road Raises	Total Estimated Cost (1)
15TH MID SOUTH - CLAY COUNTY	\$ 580,565
100TH WEST - CLAY COUNTY	\$ 66,599
2ND NORTH - CLAY COUNTY	\$ 80,080
80TH NORTH - CLAY COUNTY	\$ 153,109
100TH EAST - CLAY COUNTY	\$ 372,336
10TH SOUTH - CLAY COUNTY	\$ 402,846
10TH NORTH - CLAY COUNTY	\$ 738,194
110TH WEST - CLAY COUNTY	\$ 412,316
130TH SOUTH - CLAY COUNTY	\$ 105,402
PRIVATE DRIVE1 - CLAY COUNTY	\$ 21,447
3RD SOUTH - CLAY COUNTY	\$ 220,571
PRIVATE DRIVE5 - CLAY COUNTY	\$ 7,274
173RD AVE SE NORTH - CASS COUNTY	\$ 11,950
PRIVATE DRIVE4 - CASS COUNTY	\$ 21,512
PRIVATE DRIVE3 - CASS COUNTY	\$ 11,939
PRIVATE DRIVE2 - CASS COUNTY	\$ 14,812
27TH ST SE EAST - CASS COUNTY	\$ 64,418
172ND AVE SE NORTH - CASS COUNTY	\$ 19,030
173RD AVE SE SOUTH - CASS COUNTY	\$ 27,229
57TH ST S NORTH - CASS COUNTY	\$ 118,705
32ND AVE NW WEST - CASS COUNTY	\$ 15,074
VISTO ST - CASS COUNTY	\$ 42,312
174TH AVE SE SOUTH - CASS COUNTY	\$ 30,050
PIFFER DRIVE - CASS COUNTY	\$ 12,865
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$ 102,071
PRIVATE DRIVE 175TH AVE S - CASS COUNTY	\$ 34,180
Totals	\$ 3,686,885

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)
HOFER, TODD D & CAMELLA D - 1415 88 AVE S	\$ 391,000
HAUCK, ROGER - 9015 UNIVERSITY DR S	\$ 292,000
TYSDAL, BYRON & MARGARET - 17579 PFIFFER DR	\$ 272,000
HOLCK, JEREMY D - 17556 PFIFFER DR	\$ 352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$ 386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$ 321,000
KEMP, LINDA - 2551 173 AVE SE	\$ 195,000
LYNNES, GREGORY A & EVA - 2705 NORTHWOOD DR	\$ 368,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$ 156,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$ 387,000
BERG CURTIS - 14328 18TH ST N	\$ 121,000
Totals	\$ 3,241,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

CONCEPTUAL OPINION OF PROBABLE COSTS

15TH MID SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surfacing CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 357,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 100TH WEST - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,055	\$ 8.00	\$ 16,440.00
2	NDDOT Gravel Surfacing CI 5	CY	345	\$ 25.00	\$ 8,625.00
3	Seeding and Mulching	SY	4,840	\$ 0.60	\$ 2,904.00
4	Stripping and Topsoil	SY	3,005	\$ 3.00	\$ 9,015.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 40,984.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND NORTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,980	\$ 8.00	\$ 23,840.00
2	NDDOT Gravel Surfacing CI 5	CY	290	\$ 25.00	\$ 7,250.00
3	Seeding and Mulching	SY	5,325	\$ 0.60	\$ 3,195.00
4	Stripping and Topsoil	SY	3,665	\$ 3.00	\$ 10,995.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 49,280.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
80TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,495	\$ 8.00	\$ 19,960.00
2	NDDOT Gravel Surfacing CI 5	CY	215	\$ 25.00	\$ 5,375.00
3	Seeding and Mulching	SY	4,360	\$ 0.60	\$ 2,616.00
4	Stripping and Topsoil	SY	3,090	\$ 3.00	\$ 9,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 660.00	\$ 33,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 94,221.00

CONCEPTUAL OPINION OF PROBABLE COSTS

100TH EAST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surfacing CI 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 229,130.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surfacing CI 5	CY	515	\$ 25.00	\$ 12,875.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,530	\$ 3.00	\$ 19,590.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,905.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surfacing CI 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,455	\$ 0.60	\$ 9,873.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 4,000.00	\$ 4,000.00
6	Erosion Control	LS	1	\$ 4,000.00	\$ 4,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,273.00

CONCEPTUAL OPINION OF PROBABLE COSTS

110TH WEST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surfacing CI 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
130TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	3,935	\$ 8.00	\$ 31,480.00
2	NDDOT Gravel Surfacing CI 5	CY	400	\$ 25.00	\$ 10,000.00
3	Seeding and Mulching	SY	7,680	\$ 0.60	\$ 4,608.00
4	Stripping and Topsoil	SY	4,925	\$ 3.00	\$ 14,775.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 64,863.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE1 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	690	\$ 8.00	\$ 5,520.00
2	NDDOT Gravel Surfacing CI 5	CY	95	\$ 25.00	\$ 2,375.00
3	Seeding and Mulching	SY	1,455	\$ 0.60	\$ 873.00
4	Stripping and Topsoil	SY	810	\$ 3.00	\$ 2,430.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 13,198.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 3RD SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	13,150	\$ 8.00	\$ 105,200.00
2	NDDOT Gravel Surfacing CI 5	CY	270	\$ 25.00	\$ 6,750.00
3	Seeding and Mulching	SY	7,260	\$ 0.60	\$ 4,356.00
4	Stripping and Topsoil	SY	5,810	\$ 3.00	\$ 17,430.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 135,736.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVES - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	70	\$ 8.00	\$ 560.00
2	NDDOT Gravel Surfacing CI 5	CY	35	\$ 25.00	\$ 875.00
3	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
4	Stripping and Topsoil	SY	250	\$ 3.00	\$ 750.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 4,476.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	285	\$ 8.00	\$ 2,280.00
2	NDDOT Gravel Surfacing CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	680	\$ 0.60	\$ 408.00
4	Stripping and Topsoil	SY	305	\$ 3.00	\$ 916.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,354.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	130	\$ 8.00	\$ 1,040.00
2	NDDOT Gravel Surfacing CI 5	CY	280	\$ 25.00	\$ 7,000.00
3	Seeding and Mulching	SY	2,280	\$ 0.60	\$ 1,368.00
4	Stripping and Topsoil	SY	610	\$ 3.00	\$ 1,830.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 13,238.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE3 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	60	\$ 8.00	\$ 480.00
2	NDDOT Gravel Surfacing CI 5	CY	130	\$ 25.00	\$ 3,250.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	345	\$ 3.00	\$ 1,035.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,347.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE2 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	185	\$ 25.00	\$ 4,625.00
2	Seeding and Mulching	SY	1,600	\$ 0.60	\$ 960.00
3	Stripping and Topsoil	SY	510	\$ 3.00	\$ 1,530.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 9,115.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 27TH ST SE EAST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	130	\$ 25.00	\$ 3,250.00
2	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
3	Stripping and Topsoil	SY	90	\$ 3.00	\$ 270.00
4	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Reinforced Concrete Box Culvert	LF	40	\$ 540.00	\$ 21,600.00
7	Reinforced Concrete End Section	EA	2	\$ 5,000.00	\$ 10,000.00
Estimated Construction Cost					\$ 39,642.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 172ND AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	115	\$ 8.00	\$ 920.00
2	NDDOT Gravel Surfacing CI 5	CY	220	\$ 25.00	\$ 5,500.00
3	Seeding and Mulching	SY	1,985	\$ 0.60	\$ 1,191.00
4	Stripping and Topsoil	SY	700	\$ 3.00	\$ 2,100.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 11,711.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE SOUTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	40	\$ 8.00	\$ 320.00
2	NDDOT Gravel Surfacing CI 5	CY	355	\$ 25.00	\$ 8,875.00
3	Seeding and Mulching	SY	2,760	\$ 0.60	\$ 1,656.00
4	Stripping and Topsoil	SY	635	\$ 3.00	\$ 1,905.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 16,756.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 57TH ST S NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surfacing Cl 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,615	\$ 0.60	\$ 6,969.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 73,049.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 32ND AVE NW WEST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surfacing CI 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,049.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 9,276.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
VISTO ST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surfacing CI 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 26,038.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
174TH AVE SE SOUTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	295	\$ 8.00	\$ 2,360.00
2	NDDOT Gravel Surfacing CI 5	CY	335	\$ 25.00	\$ 8,375.00
3	Seeding and Mulching	SY	2,710	\$ 0.60	\$ 1,627.00
4	Stripping and Topsoil	SY	710	\$ 3.00	\$ 2,130.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 18,492.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 PFIFFER DRIVE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	175	\$ 8.00	\$ 1,400.00
2	NDDOT Gravel Surfacing CI 5	CY	110	\$ 25.00	\$ 2,750.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	395	\$ 3.00	\$ 1,185.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,917.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	4,310	\$ 8.00	\$ 34,480.00
2	NDDOT Gravel Surfacing Cl 5	CY	465	\$ 25.00	\$ 11,625.00
3	Seeding and Mulching	SY	6,390	\$ 0.60	\$ 3,834.00
4	Stripping and Topsoil	SY	3,625	\$ 3.00	\$ 10,874.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 62,813.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 175TH AVE S - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 35**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	615	\$ 8.00	\$ 4,920.00
2	NDDOT Gravel Surfacing CI 5	CY	290	\$ 25.00	\$ 7,250.00
3	Seeding and Mulching	SY	3,340	\$ 0.60	\$ 2,004.00
4	Stripping and Topsoil	SY	1,620	\$ 3.00	\$ 4,860.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 21,034.00

FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34

Road Raises	Total Estimated Cost (1)
15TH MID SOUTH - CLAY COUNTY	\$ 578,940
100TH WEST - CLAY COUNTY	\$ 43,721
2ND NORTH - CLAY COUNTY	\$ 50,635
80TH NORTH - CLAY COUNTY	\$ 135,289
100TH EAST - CLAY COUNTY	\$ 378,836
10TH SOUTH - CLAY COUNTY	\$ 402,667
10TH NORTH - CLAY COUNTY	\$ 738,199
110TH WEST - CLAY COUNTY	\$ 412,316
130TH SOUTH - CLAY COUNTY	\$ 55,648
PRIVATE DRIVE1 - CLAY COUNTY	\$ 13,401
3RD SOUTH - CLAY COUNTY	\$ 183,596
173RD AVE SE NORTH - CASS COUNTY	\$ 11,632
PRIVATE DRIVE4 - CASS COUNTY	\$ 18,218
PRIVATE DRIVE3 - CASS COUNTY	\$ 8,691
27TH ST SE EAST - CASS COUNTY	\$ 45,008
172ND AVE SE NORTH - CASS COUNTY	\$ 14,593
57TH ST S NORTH - CASS COUNTY	\$ 120,335
32ND AVE NW WEST - CASS COUNTY	\$ 16,700
VISTO ST - CASS COUNTY	\$ 43,942
PIFFER DRIVE - CASS COUNTY	\$ 5,138
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$ 67,441
Totals	\$ 3,344,944

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)
HOLCK, JEREMY D - 17556 PFIFFER DR	\$ 352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$ 386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$ 321,000
KEMP, LINDA - 2551 173 AVE SE	\$ 195,000
LYNNES, GREGORY A & EVA - 2705 NORTHWOOD DR	\$ 368,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$ 156,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$ 387,000
BERG CURTIS - 14328 18TH ST N	\$ 121,000
Totals	\$ 2,286,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

**CONCEPTUAL OPINION OF PROBABLE COSTS
 15TH MID SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surface CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 356,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 100TH WEST - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,100	\$ 8.00	\$ 8,800.00
2	NDDOT Gravel Surface CI 5	CY	280	\$ 25.00	\$ 7,000.00
3	Seeding and Mulching	SY	3,875	\$ 0.60	\$ 2,325.00
4	Stripping and Topsoil	SY	2,260	\$ 3.00	\$ 6,780.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 26,905.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND NORTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,595	\$ 8.00	\$ 12,760.00
2	NDDOT Gravel Surface CI 5	CY	245	\$ 25.00	\$ 6,125.00
3	Seeding and Mulching	SY	3,875	\$ 0.60	\$ 2,325.00
4	Stripping and Topsoil	SY	2,650	\$ 3.00	\$ 7,950.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 31,160.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
80TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,480	\$ 8.00	\$ 11,840.00
2	NDDOT Gravel Surface CI 5	CY	180	\$ 25.00	\$ 4,500.00
3	Seeding and Mulching	SY	3,875	\$ 0.60	\$ 2,325.00
4	Stripping and Topsoil	SY	2,530	\$ 3.00	\$ 7,590.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 660.00	\$ 33,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 83,255.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
100TH EAST - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surface CI 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 233,130.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surface CI 5	CY	510	\$ 25.00	\$ 12,750.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,535	\$ 3.00	\$ 19,605.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,795.00

CONCEPTUAL OPINION OF PROBABLE COSTS

10TH NORTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surface CI 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,460	\$ 0.60	\$ 9,876.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,276.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
110TH WEST - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surface CI 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
130TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,840	\$ 8.00	\$ 14,720.00
2	NDDOT Gravel Surface CI 5	CY	290	\$ 25.00	\$ 7,250.00
3	Seeding and Mulching	SY	3,875	\$ 0.60	\$ 2,325.00
4	Stripping and Topsoil	SY	2,650	\$ 3.00	\$ 7,950.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 34,245.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE1 - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	295	\$ 8.00	\$ 2,360.00
2	NDDOT Gravel Surface CI 5	CY	65	\$ 25.00	\$ 1,625.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	560	\$ 3.00	\$ 1,680.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 8,247.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 3RD SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	10,565	\$ 8.00	\$ 84,520.00
2	NDDOT Gravel Surface CI 5	CY	250	\$ 25.00	\$ 6,250.00
3	Seeding and Mulching	SY	6,295	\$ 0.60	\$ 3,777.00
4	Stripping and Topsoil	SY	5,145	\$ 3.00	\$ 15,435.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 112,982.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	270	\$ 8.00	\$ 2,160.00
2	NDDOT Gravel Surface CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	630	\$ 0.60	\$ 378.00
4	Stripping and Topsoil	SY	290	\$ 3.00	\$ 870.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,158.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	280	\$ 25.00	\$ 7,000.00
2	Seeding and Mulching	SY	1,985	\$ 0.60	\$ 1,191.00
3	Stripping and Topsoil	SY	340	\$ 3.00	\$ 1,020.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 11,211.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE3 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	120	\$ 25.00	\$ 3,000.00
2	Seeding and Mulching	SY	580	\$ 0.60	\$ 348.00
3	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
4	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 5,348.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 27TH ST SE EAST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	30	\$ 25.00	\$ 750.00
2	Seeding and Mulching	SY	195	\$ 0.60	\$ 117.00
3	Stripping and Topsoil	SY	10	\$ 3.00	\$ 30.00
4	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Reinforced Concrete Box Culvert	LF	40	\$ 320.00	\$ 12,800.00
7	Reinforced Concrete End Section	EA	2	\$ 5,000.00	\$ 10,000.00
Estimated Construction Cost					\$ 27,697.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 172ND AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	200	\$ 25.00	\$ 5,000.00
2	Seeding and Mulching	SY	1,550	\$ 0.60	\$ 930.00
3	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,050.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 8,980.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 57TH ST S NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surface CI 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,620	\$ 0.60	\$ 6,972.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 74,052.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 32ND AVE NW WEST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surface CI 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,050.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 10,277.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
VISTO ST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surface CI 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,360	\$ 0.60	\$ 2,616.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 27,041.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 PFIFFER DRIVE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	30	\$ 8.00	\$ 240.00
2	NDDOT Gravel Surface CI 5	CY	25	\$ 25.00	\$ 625.00
3	Seeding and Mulching	SY	195	\$ 0.60	\$ 117.00
4	Stripping and Topsoil	SY	60	\$ 3.00	\$ 180.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 3,162.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 34**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,710	\$ 8.00	\$ 21,680.00
2	NDDOT Gravel Surface CI 5	CY	310	\$ 25.00	\$ 7,750.00
3	Seeding and Mulching	SY	4,070	\$ 0.60	\$ 2,442.00
4	Stripping and Topsoil	SY	2,210	\$ 3.00	\$ 6,630.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 41,502.00

FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

Road Raises	Total Estimated Cost (1)	
15TH MID SOUTH - CLAY COUNTY	\$	580,565
100TH WEST - CLAY COUNTY	\$	35,797
2ND NORTH - CLAY COUNTY	\$	35,739
80TH NORTH - CLAY COUNTY	\$	121,422
100TH EAST - CLAY COUNTY	\$	372,336
10TH SOUTH - CLAY COUNTY	\$	402,643
10TH NORTH - CLAY COUNTY	\$	738,194
110TH WEST - CLAY COUNTY	\$	412,316
130TH SOUTH - CLAY COUNTY	\$	27,961
PRIVATE DRIVE1 - CLAY COUNTY	\$	7,566
3RD SOUTH - CLAY COUNTY	\$	151,216
173RD AVE SE NORTH - CASS COUNTY	\$	11,632
PRIVATE DRIVE4 - CASS COUNTY	\$	14,757
PRIVATE DRIVE3 - CASS COUNTY	\$	8,691
172ND AVE SE NORTH - CASS COUNTY	\$	11,601
57TH ST S NORTH - CASS COUNTY	\$	118,705
32ND AVE NW WEST - CASS COUNTY	\$	15,074
VISTO ST - CASS COUNTY	\$	42,312
PIFFER DRIVE - CASS COUNTY	\$	3,478
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$	42,156
Totals	\$	3,154,157

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)	
HOLCK, JEREMY D - 17556 PFIFFER DR	\$	352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$	386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$	321,000
KEMP, LINDA - 2551 173 AVE SE	\$	195,000
LYNNES, GREGORY A & EVA - 2705 NORTHWOOD DR	\$	368,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$	156,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$	387,000
OBBERG CURTIS - 14328 18TH ST N	\$	121,000
Totals	\$	2,286,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

CONCEPTUAL OPINION OF PROBABLE COSTS

15TH MID SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surfacing CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 357,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 100TH WEST - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	515	\$ 8.00	\$ 4,120.00
2	NDDOT Gravel Surfacing Cl 5	CY	250	\$ 25.00	\$ 6,250.00
3	Seeding and Mulching	SY	3,390	\$ 0.60	\$ 2,034.00
4	Stripping and Topsoil	SY	1,875	\$ 3.00	\$ 5,625.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 22,029.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND NORTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	715	\$ 8.00	\$ 5,720.00
2	NDDOT Gravel Surfacing CI 5	CY	210	\$ 25.00	\$ 5,250.00
3	Seeding and Mulching	SY	2,905	\$ 0.60	\$ 1,743.00
4	Stripping and Topsoil	SY	1,760	\$ 3.00	\$ 5,280.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 21,993.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
80TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	870	\$ 8.00	\$ 6,960.00
2	NDDOT Gravel Surfacing CI 5	CY	140	\$ 25.00	\$ 3,500.00
3	Seeding and Mulching	SY	2,420	\$ 0.60	\$ 1,452.00
4	Stripping and Topsoil	SY	1,936	\$ 3.00	\$ 5,809.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 660.00	\$ 33,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 74,721.00

CONCEPTUAL OPINION OF PROBABLE COSTS

100TH EAST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surfacing CI 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 229,130.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surfacing Cl 5	CY	510	\$ 25.00	\$ 12,750.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,530	\$ 3.00	\$ 19,590.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,780.00

CONCEPTUAL OPINION OF PROBABLE COSTS

10TH NORTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surfacing CI 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,455	\$ 0.60	\$ 9,873.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 4,000.00	\$ 4,000.00
6	Erosion Control	LS	1	\$ 4,000.00	\$ 4,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,273.00

CONCEPTUAL OPINION OF PROBABLE COSTS

110TH WEST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surfacing CI 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

CONCEPTUAL OPINION OF PROBABLE COSTS

130TH SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	710	\$ 8.00	\$ 5,680.00
2	NDDOT Gravel Surfacing CI 5	CY	90	\$ 25.00	\$ 2,250.00
3	Seeding and Mulching	SY	2,420	\$ 0.60	\$ 1,452.00
4	Stripping and Topsoil	SY	1,275	\$ 3.00	\$ 3,825.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 17,207.00

CONCEPTUAL OPINION OF PROBABLE COSTS

PRIVATE DRIVE1 - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	90	\$ 8.00	\$ 720.00
2	NDDOT Gravel Surfacing CI 5	CY	40	\$ 25.00	\$ 1,000.00
3	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
4	Stripping and Topsoil	SY	215	\$ 3.00	\$ 645.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 4,656.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 3RD SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	8,510	\$ 8.00	\$ 68,080.00
2	NDDOT Gravel Surfacing CI 5	CY	230	\$ 25.00	\$ 5,750.00
3	Seeding and Mulching	SY	5,810	\$ 0.60	\$ 3,486.00
4	Stripping and Topsoil	SY	4,580	\$ 3.00	\$ 13,740.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 93,056.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	270	\$ 8.00	\$ 2,160.00
2	NDDOT Gravel Surfacing CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	630	\$ 0.60	\$ 378.00
4	Stripping and Topsoil	SY	290	\$ 3.00	\$ 870.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,158.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	225	\$ 25.00	\$ 5,625.00
2	Seeding and Mulching	SY	1,500	\$ 0.60	\$ 901.00
3	Stripping and Topsoil	SY	185	\$ 3.00	\$ 555.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 9,081.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE3 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	120	\$ 25.00	\$ 3,000.00
2	Seeding and Mulching	SY	580	\$ 0.60	\$ 348.00
3	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
4	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 5,348.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 172ND AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	180	\$ 25.00	\$ 4,500.00
2	Seeding and Mulching	SY	1,065	\$ 0.60	\$ 638.88
3	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
4	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,138.88

**CONCEPTUAL OPINION OF PROBABLE COSTS
57TH ST S NORTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surfacing Cl 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,615	\$ 0.60	\$ 6,969.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 73,049.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 32ND AVE NW WEST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surfacing CI 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,049.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 9,276.00

CONCEPTUAL OPINION OF PROBABLE COSTS

VISTO ST - CASS COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surfacing CI 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 26,038.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 PFIFFER DRIVE - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	5	\$ 25.00	\$ 125.00
2	Stripping and Topsoil	SY	5	\$ 3.00	\$ 15.00
3	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
4	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 2,140.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 33**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,995	\$ 8.00	\$ 15,960.00
2	NDDOT Gravel Surfacing CI 5	CY	100	\$ 25.00	\$ 2,500.00
3	Seeding and Mulching	SY	2,035	\$ 0.60	\$ 1,221.00
4	Stripping and Topsoil	SY	1,420	\$ 3.00	\$ 4,261.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 25,942.00

FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32

Road Raises	Total Estimated Cost (1)
15TH MID SOUTH - CLAY COUNTY	\$ 578,940
100TH WEST - CLAY COUNTY	\$ 17,857
2ND NORTH - CLAY COUNTY	\$ 18,156
80TH NORTH - CLAY COUNTY	\$ 104,328
100TH EAST - CLAY COUNTY	\$ 378,836
10TH SOUTH - CLAY COUNTY	\$ 402,667
10TH NORTH - CLAY COUNTY	\$ 738,199
110TH WEST - CLAY COUNTY	\$ 412,316
130TH SOUTH - CLAY COUNTY	\$ 23,654
3RD SOUTH - CLAY COUNTY	\$ 122,392
173RD AVE SE NORTH - CASS COUNTY	\$ 11,632
PRIVATE DRIVE4 - CASS COUNTY	\$ 5,905
172ND AVE SE NORTH - CASS COUNTY	\$ 9,539
57TH ST S NORTH - CASS COUNTY	\$ 120,335
32ND AVE NW WEST - CASS COUNTY	\$ 16,700
VISTO ST - CASS COUNTY	\$ 43,942
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$ 33,348
Totals	\$ 3,038,745

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)
HOLCK, JEREMY D - 17556 PFIFFER DR	\$ 352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$ 386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$ 321,000
KEMP, LINDA - 2551 173 AVE SE	\$ 195,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$ 156,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$ 387,000
OBERG CURTIS - 14328 18TH ST N	\$ 121,000
Totals	\$ 1,918,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

**CONCEPTUAL OPINION OF PROBABLE COSTS
15TH MID SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surface CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 356,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 100TH WEST - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	35	\$ 8.00	\$ 280.00
2	NDDOT Gravel Surface CI 5	CY	180	\$ 25.00	\$ 4,500.00
3	Seeding and Mulching	SY	1,940	\$ 0.60	\$ 1,164.00
4	Stripping and Topsoil	SY	1,015	\$ 3.00	\$ 3,045.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 10,989.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 2ND NORTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	75	\$ 8.00	\$ 600.00
2	NDDOT Gravel Surface CI 5	CY	215	\$ 25.00	\$ 5,375.00
3	Seeding and Mulching	SY	1,455	\$ 0.60	\$ 873.00
4	Stripping and Topsoil	SY	775	\$ 3.00	\$ 2,325.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 11,173.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
80TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	290	\$ 8.00	\$ 2,320.00
2	NDDOT Gravel Surface CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	850	\$ 3.00	\$ 2,550.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 660.00	\$ 33,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 64,202.00

CONCEPTUAL OPINION OF PROBABLE COSTS

100TH EAST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surface CI 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 233,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS

10TH SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surface CI 5	CY	510	\$ 25.00	\$ 12,750.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,535	\$ 3.00	\$ 19,605.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,795.00

CONCEPTUAL OPINION OF PROBABLE COSTS

10TH NORTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surface CI 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,460	\$ 0.60	\$ 9,876.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,276.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
110TH WEST - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surface CI 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
130TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	185	\$ 8.00	\$ 1,480.00
2	NDDOT Gravel Surface CI 5	CY	60	\$ 25.00	\$ 1,500.00
3	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 14,556.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
3RD SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	6,515	\$ 8.00	\$ 52,120.00
2	NDDOT Gravel Surface CI 5	CY	210	\$ 25.00	\$ 5,250.00
3	Seeding and Mulching	SY	4,840	\$ 0.60	\$ 2,904.00
4	Stripping and Topsoil	SY	4,015	\$ 3.00	\$ 12,044.00
5	Traffic Control	LS	1.00	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1.00	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 75,318.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	270	\$ 8.00	\$ 2,160.00
2	NDDOT Gravel Surface CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	630	\$ 0.60	\$ 378.00
4	Stripping and Topsoil	SY	290	\$ 3.00	\$ 870.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,158.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	50	\$ 25.00	\$ 1,250.00
2	Seeding and Mulching	SY	340	\$ 0.60	\$ 204.00
3	Stripping and Topsoil	SY	60	\$ 3.00	\$ 180.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 3,634.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 172ND AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	135	\$ 25.00	\$ 3,375.00
2	Seeding and Mulching	SY	825	\$ 0.60	\$ 495.00
3	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
4	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 5,870.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
57TH ST S NORTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surface CI 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,620	\$ 0.60	\$ 6,972.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 74,052.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
32ND AVE NW WEST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surface CI 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,050.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 10,277.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
VISTO ST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surface CI 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,360	\$ 0.60	\$ 2,616.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 27,041.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 32**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	1,370	\$ 8.00	\$ 10,960.00
2	NDDOT Gravel Surface CI 5	CY	85	\$ 25.00	\$ 2,125.00
3	Seeding and Mulching	SY	1,645	\$ 0.60	\$ 987.00
4	Stripping and Topsoil	SY	1,150	\$ 3.00	\$ 3,450.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 20,522.00

**FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

Road Raises	Total Estimated Cost (1)
15TH MID SOUTH - CLAY COUNTY	\$ 580,565
80TH NORTH - CLAY COUNTY	\$ 97,120
100TH EAST - CLAY COUNTY	\$ 372,336
10TH SOUTH - CLAY COUNTY	\$ 402,643
10TH NORTH - CLAY COUNTY	\$ 738,194
110TH WEST - CLAY COUNTY	\$ 412,316
3RD SOUTH - CLAY COUNTY	\$ 90,477
173RD AVE SE NORTH - CASS COUNTY	\$ 11,632
PRIVATE DRIVE4 - CASS COUNTY	\$ 5,903
172ND AVE SE NORTH - CASS COUNTY	\$ 8,130
57TH ST S NORTH - CASS COUNTY	\$ 118,705
32ND AVE NW WEST - CASS COUNTY	\$ 15,074
VISTO ST - CASS COUNTY	\$ 42,312
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$ 22,313
Totals	\$ 2,917,718

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)
HOLCK, JEREMY D - 17556 PFIFFER DR	\$ 352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$ 386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$ 321,000
KEMP, LINDA - 2551 173 AVE SE	\$ 195,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$ 156,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$ 387,000
OBBERG CURTIS - 14328 18TH ST N	\$ 121,000
Totals	\$ 1,918,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

CONCEPTUAL OPINION OF PROBABLE COSTS

15TH MID SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surfacing CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 357,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
80TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	55	\$ 8.00	\$ 440.00
2	NDDOT Gravel Surfacing CI 5	CY	40	\$ 25.00	\$ 1,000.00
3	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
4	Stripping and Topsoil	SY	345	\$ 3.00	\$ 1,035.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 660.00	\$ 33,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 59,766.00

CONCEPTUAL OPINION OF PROBABLE COSTS

100TH EAST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surfacing CI 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 229,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS

10TH NORTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surfacing CI 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,455	\$ 0.60	\$ 9,873.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 4,000.00	\$ 4,000.00
6	Erosion Control	LS	1	\$ 4,000.00	\$ 4,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,273.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH SOUTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surfacing CI 5	CY	510	\$ 25.00	\$ 12,750.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,530	\$ 3.00	\$ 19,590.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,780.00

CONCEPTUAL OPINION OF PROBABLE COSTS

110TH WEST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surfacing CI 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

CONCEPTUAL OPINION OF PROBABLE COSTS

3RD SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	4,575	\$ 8.00	\$ 36,600.00
2	NDDOT Gravel Surfacing CI 5	CY	185	\$ 25.00	\$ 4,625.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,280	\$ 3.00	\$ 9,840.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 55,678.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	270	\$ 8.00	\$ 2,160.00
2	NDDOT Gravel Surfacing CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	630	\$ 0.60	\$ 378.00
4	Stripping and Topsoil	SY	290	\$ 3.00	\$ 870.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,158.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	50	\$ 25.00	\$ 1,250.00
2	Seeding and Mulching	SY	340	\$ 0.60	\$ 204.00
3	Stripping and Topsoil	SY	60	\$ 3.00	\$ 178.67
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 3,632.67

**CONCEPTUAL OPINION OF PROBABLE COSTS
 172ND AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surfacing CI 5	CY	105	\$ 25.00	\$ 2,625.00
2	Seeding and Mulching	SY	630	\$ 0.60	\$ 378.00
3	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
4	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 5,003.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
57TH ST S NORTH - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surfacing Cl 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,615	\$ 0.60	\$ 6,969.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 73,049.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
32ND AVE NW WEST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surfacing CI 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,049.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 9,276.00

CONCEPTUAL OPINION OF PROBABLE COSTS

VISTO ST - CASS COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surfacing CI 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 26,038.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 31**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	800	\$ 8.00	\$ 6,400.00
2	NDDOT Gravel Surfacing CI 5	CY	75	\$ 25.00	\$ 1,875.00
3	Seeding and Mulching	SY	1,310	\$ 0.60	\$ 786.00
4	Stripping and Topsoil	SY	890	\$ 3.00	\$ 2,670.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 13,731.00

FLOOD DIVERSION AUTHORITY, AWD-0002 - FLOWS THROUGH FLOOD DAMAGE REDUCTION AREA
 CONCEPTUAL OPINION OF PROBABLE COSTS
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30

Road Raises	Total Estimated Cost (1)
15TH MID SOUTH - CLAY COUNTY	\$ 578,940
80TH NORTH - CLAY COUNTY	\$ 97,055
100TH EAST - CLAY COUNTY	\$ 378,836
10TH SOUTH - CLAY COUNTY	\$ 402,667
10TH NORTH - CLAY COUNTY	\$ 738,199
110TH WEST - CLAY COUNTY	\$ 412,316
3RD SOUTH - CLAY COUNTY	\$ 64,771
173RD AVE SE NORTH - CASS COUNTY	\$ 11,632
PRIVATE DRIVE4 - CASS COUNTY	\$ 5,905
172ND AVE SE NORTH - CASS COUNTY	\$ 8,333
57TH ST S NORTH - CASS COUNTY	\$ 120,335
32ND AVE NW WEST - CASS COUNTY	\$ 16,700
VISTO ST - CASS COUNTY	\$ 43,942
PRIVATE DRIVE 124 AVE E - CASS COUNTY	\$ 15,871
Totals	\$ 2,895,501

(1) Included in the Total Estimated Cost is a 30% construction contingency as well as an Engineering and Administrative cost that was estimated as 25% of the construction cost. Additional R/W costs were not included.

Rural Property Acquisition	Total Property Acquisition (2)
HOLCK, JEREMY D - 17556 PFIFFER DR	\$ 352,000
KUTZER, JONATHAN D KRISTEN L - 17554 PFIFFER DR	\$ 386,000
SAYLER, BRYAN L & KARI L - 17552 PFIFFER DR	\$ 321,000
KEMP, LINDA - 2551 173 AVE SE	\$ 195,000
JOHNSON, VAUGHN & SHIRLEY - 2351 173 AVE SE	\$ 156,000
HERMANN JAMES J & DEBRA - 15001 15TH ST NW	\$ 387,000
OBERG CURTIS - 14328 18TH ST N	\$ 121,000
Totals	\$ 1,918,000

(2) Total Property Acquisition includes: 110% of the 2012 assessed building and land value, plus 15% contingency, \$20,000 in incentives, and \$30,000 in assumed demolition costs.

CONCEPTUAL OPINION OF PROBABLE COSTS

15TH MID SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,110	\$ 8.00	\$ 120,880.00
2	NDDOT Gravel Surface CI 5	CY	955	\$ 25.00	\$ 23,875.00
3	Seeding and Mulching	SY	19,360	\$ 0.60	\$ 11,616.00
4	Stripping and Topsoil	SY	14,700	\$ 3.00	\$ 44,100.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,880.00	\$ 112,800.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
Estimated Construction Cost					\$ 356,271.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
80TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	50	\$ 8.00	\$ 400.00
2	NDDOT Gravel Surface CI 5	CY	40	\$ 25.00	\$ 1,000.00
3	Seeding and Mulching	SY	485	\$ 0.60	\$ 291.00
4	Stripping and Topsoil	SY	345	\$ 3.00	\$ 1,035.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 660.00	\$ 33,000.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 59,726.00

CONCEPTUAL OPINION OF PROBABLE COSTS

100TH EAST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	11,105	\$ 8.00	\$ 88,840.00
2	NDDOT Gravel Surface CI 5	CY	440	\$ 25.00	\$ 11,000.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	7,090	\$ 3.00	\$ 21,270.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
9	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 233,130.00

CONCEPTUAL OPINION OF PROBABLE COSTS

10TH SOUTH - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	5,240	\$ 8.00	\$ 41,920.00
2	NDDOT Gravel Surface Cl 5	CY	510	\$ 25.00	\$ 12,750.00
3	Seeding and Mulching	SY	9,200	\$ 0.60	\$ 5,520.00
4	Stripping and Topsoil	SY	6,535	\$ 3.00	\$ 19,605.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	50	\$ 970.00	\$ 48,500.00
8	Reinforced Concrete End Section	EA	2	\$ 15,000.00	\$ 30,000.00
9	Reinforced Concrete Box Culvert	LF	50	\$ 1,310.00	\$ 65,500.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
Estimated Construction Cost					\$ 247,795.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
10TH NORTH - CLAY COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	15,570	\$ 8.00	\$ 124,560.00
2	NDDOT Gravel Surface CI 5	CY	800	\$ 25.00	\$ 20,000.00
3	Seeding and Mulching	SY	16,460	\$ 0.60	\$ 9,876.00
4	Stripping and Topsoil	SY	12,680	\$ 3.00	\$ 38,040.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 6,000.00	\$ 6,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 1,760.00	\$ 105,600.00
8	Reinforced Concrete End Section	EA	2	\$ 20,000.00	\$ 40,000.00
9	Reinforced Concrete Box Culvert	LF	60	\$ 970.00	\$ 58,200.00
10	Reinforced Concrete End Section	EA	2	\$ 10,000.00	\$ 20,000.00
11	River Realignment	LS	1	\$ 30,000.00	\$ 30,000.00
Estimated Construction Cost					\$ 454,276.00

CONCEPTUAL OPINION OF PROBABLE COSTS

110TH WEST - CLAY COUNTY

TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,270	\$ 8.00	\$ 18,160.00
2	NDDOT Gravel Surface CI 5	CY	235	\$ 25.00	\$ 5,875.00
3	Seeding and Mulching	SY	4,355	\$ 0.60	\$ 2,613.00
4	Stripping and Topsoil	SY	3,095	\$ 3.00	\$ 9,285.00
5	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
7	Reinforced Concrete Box Culvert	LF	60	\$ 2,730.00	\$ 163,800.00
8	Reinforced Concrete End Section	EA	2	\$ 25,000.00	\$ 50,000.00
Estimated Construction Cost					\$ 253,733.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 3RD SOUTH - CLAY COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,890	\$ 8.00	\$ 23,120.00
2	NDDOT Gravel Surface CI 5	CY	155	\$ 25.00	\$ 3,875.00
3	Seeding and Mulching	SY	3,390	\$ 0.60	\$ 2,034.00
4	Stripping and Topsoil	SY	2,610	\$ 3.00	\$ 7,830.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 39,859.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 173RD AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	270	\$ 8.00	\$ 2,160.00
2	NDDOT Gravel Surface CI 5	CY	70	\$ 25.00	\$ 1,750.00
3	Seeding and Mulching	SY	630	\$ 0.60	\$ 378.00
4	Stripping and Topsoil	SY	290	\$ 3.00	\$ 870.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 7,158.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE4 - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	50	\$ 25.00	\$ 1,250.00
2	Seeding and Mulching	SY	340	\$ 0.60	\$ 204.00
3	Stripping and Topsoil	SY	60	\$ 3.00	\$ 180.00
4	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
5	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 3,634.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 172ND AVE SE NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	NDDOT Gravel Surface CI 5	CY	110	\$ 25.00	\$ 2,750.00
2	Seeding and Mulching	SY	630	\$ 0.60	\$ 378.00
3	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
4	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
Estimated Construction Cost					\$ 5,128.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 57TH ST S NORTH - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	2,240	\$ 8.00	\$ 17,920.00
2	NDDOT Gravel Surface CI 5	CY	1,130	\$ 25.00	\$ 28,250.00
3	Seeding and Mulching	SY	11,620	\$ 0.60	\$ 6,972.00
4	Stripping and Topsoil	SY	5,970	\$ 3.00	\$ 17,910.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 74,052.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
 32ND AVE NW WEST - CASS COUNTY
 TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	385	\$ 8.00	\$ 3,080.00
2	NDDOT Gravel Surface CI 5	CY	105	\$ 25.00	\$ 2,625.00
3	Seeding and Mulching	SY	870	\$ 0.60	\$ 522.00
4	Stripping and Topsoil	SY	350	\$ 3.00	\$ 1,050.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 10,277.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
VISTO ST - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	750	\$ 8.00	\$ 6,000.00
2	NDDOT Gravel Surface CI 5	CY	350	\$ 25.00	\$ 8,750.00
3	Seeding and Mulching	SY	4,360	\$ 0.60	\$ 2,616.00
4	Stripping and Topsoil	SY	2,225	\$ 3.00	\$ 6,675.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 27,041.00

**CONCEPTUAL OPINION OF PROBABLE COSTS
PRIVATE DRIVE 124 AVE E - CASS COUNTY
TRANSPORTATION MITIGATION AND RURAL PROPERTY FLOOD RISK MANAGEMENT MEASURES FOR RS 30**

CONSTRUCTION

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Embankment	CY	355	\$ 8.00	\$ 2,840.00
2	NDDOT Gravel Surface CI 5	CY	60	\$ 25.00	\$ 1,500.00
3	Seeding and Mulching	SY	970	\$ 0.60	\$ 582.00
4	Stripping and Topsoil	SY	615	\$ 3.00	\$ 1,845.00
5	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00
6	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
Estimated Construction Cost					\$ 9,767.00