

2. The Applicant shall take all reasonable precaution during the construction of said facilities to protect and safeguard the lives and property of the adjacent property owners and the traveling public and shall save the County and the Board of Supervisors harmless of any damages or losses that may be sustained by adjacent property owners and the traveling public on account of such construction operations.
3. Operations in the construction and maintenance of said facilities shall be carried on in such a way as to not interfere with, or interrupt traffic on said roads. However, should the performance of work called for in this permit in any way interfere with or obstruct traffic on said roads, the Applicant shall provide the necessary flagmen as required by the Statutes when one-way traffic is involved and/or otherwise mark said work so as to protect the traveling public.
4. The Applicant shall hold the County and the Board of Supervisors harmless from any damages that may result to said highway because of the construction or maintenance of said facilities and shall reimburse the County or the Board of Supervisors for any expenditures that the County or the Board of Supervisors may have to make on said roads on account of replacement of surfacing gravel and bridge and culvert repairs.
5. Applicant shall lay, construct, operate and maintain said facilities so as not to interfere with natural drainage of the road and so as not to interfere with the construction or maintenance of said roads. When buried cable or wire lines are to be placed lengthwise with the roadway, they shall be placed in the County road shoulder or ditch near the toe of the fore-slope and parallel to centerline of roadbed at a depth of three (3) to four (4) feet by using specially designed plows or by trenching, whichever is appropriate. Plow slots and trenches shall be repacked as necessary to restore the disturbed area to its original condition. For buried line crossings of roadways not paved, an open trench may be dug and the lines placed therein, and the trench back-filled over the lines. Buried line crossings on paved roadways, lines may be placed through the sub-grade by jacking, or by boring a hole just large enough to take the lines; or if the County Engineer approves, a tunnel may be dug through and the cable or wire lines placed therein. All backfill of tunnels and trenches shall be thoroughly compacted in layers of 6" or less in depth. Back-filling of trenches within the right-of-way by not under the traveled roadway shall be tamped sufficiently to avoid settlement. When crossing an existing roadway, all buried facilities shall be placed a minimum of three (3) to four (4) below the bottom of the existing adjacent ditches. Overhead lines, where practical, shall be placed adjacent to and with two (2) feet of the Road/Highway Right-of-Way Line.
6. The Applicant will at any time subsequent to placing the facilities, and at the Applicant's expense, relay, replace, alter, change, reconstruct, or relocate its overhead and/or buried facilities and appurtenances thereto as may become necessary to conform to new grades, alignment, or widening right-of-way, resulting from maintenance or construction operations by the County Board of Supervisors irrespective of whether or not additional right-of-way is acquired in connection with such road improvements. The Applicant agrees to do this within ninety (90) days written notice from the Board of Supervisors, and without cost to the County. If the Applicant is unable to comply within said ninety (90) days, the Board of Supervisors may cause the work to be done and the Applicant will pay the cost thereof upon receipt of statement.
7. All work shall be done in a workmanlike manner; the surrounding ground, slopes, and ditch bottoms shall be reshaped to conform to the area and left in a neat condition satisfactory to the County Engineer. All areas where sod has been damaged or destroyed shall be re-seeded.
8. The Applicant shall notify the County Board of Supervisors at least forty-eight (48) hours in advance of the Applicant's intention of starting work covered by this permit on the road right-of-way. Said notice shall be in writing to the County Engineer.
9. Applicant, its' successors, grantees and assigns shall and hereby agrees to assume all responsibility, risks and liabilities for all accidents and damages that may occur to persons and/or property on account of the work done under this permit, and to this end, indemnify and hold the County and all authorized representatives thereof harmless from any and all claims, damages, losses, and expense including judgements, costs and including attorney's fees, for personal injuries (including death) or property damage arising or resulting from the activities of the Applicant in connection herewith, now and at all times in the future.
10. It is understood that this permit is issued only insofar as Woodbury County has jurisdiction and does not presume to release the Applicant from fulfilling any existing statutes relating to the installation, construction and operation of said facilities.
11. It is further understood that the facilities covered by this permit shall be constructed or installed within one (1) year after the date of approval of this permit, unless otherwise extended in writing by Woodbury County.
12. Engagement in the operations as herein applied for by the Applicant shall be considered and constitute an acceptance of all the terms and conditions herein set forth.

Fig. 1

New water main segment
shown in red.



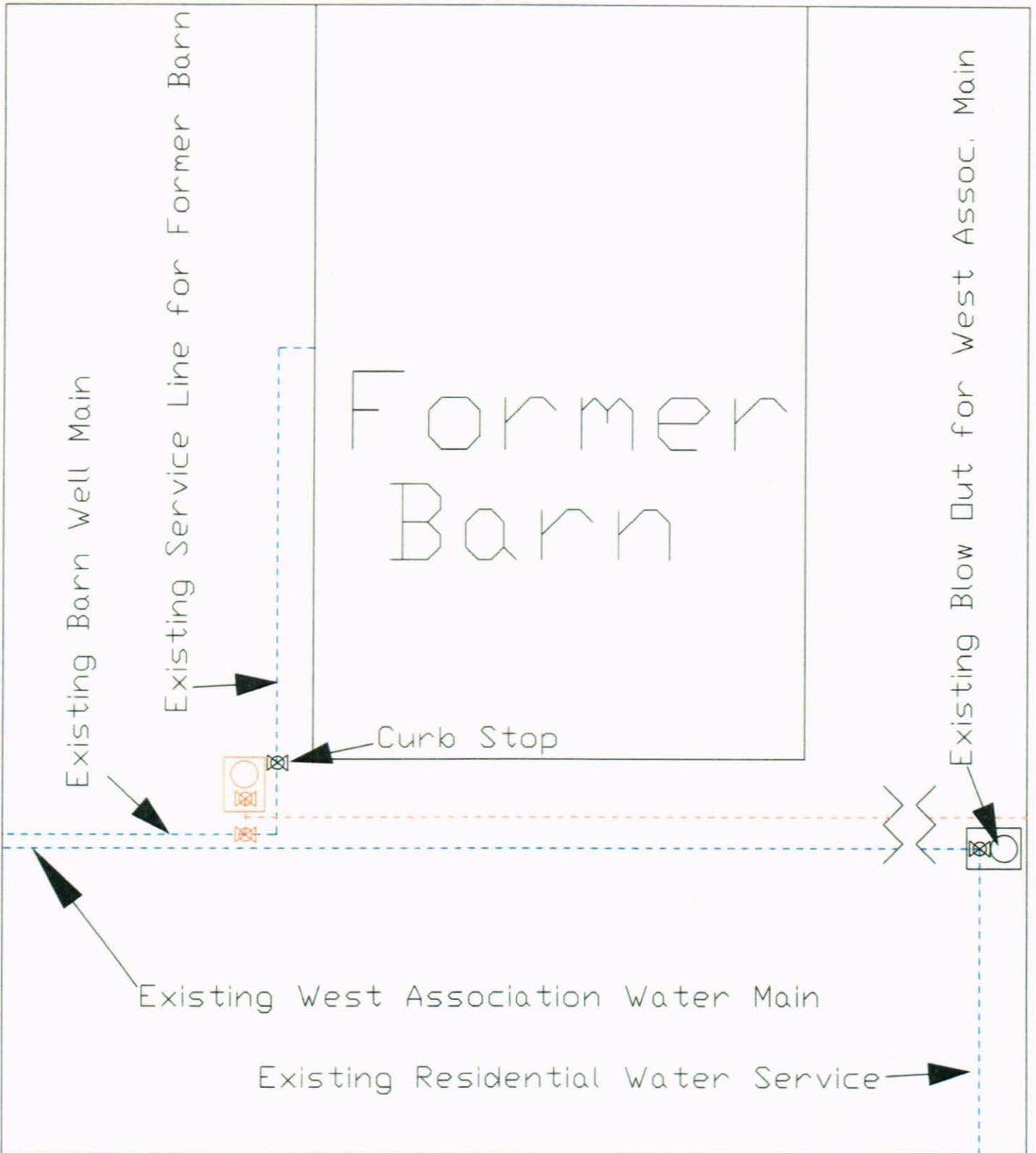


Figure 2A. Generalized Water Main Diagram at Former Barn (77 Deer Run Trail) Climbing Hill, IA

Proposed New Construction Shown in Red
 Not to Scale and Not Intended to Show Exact Locations

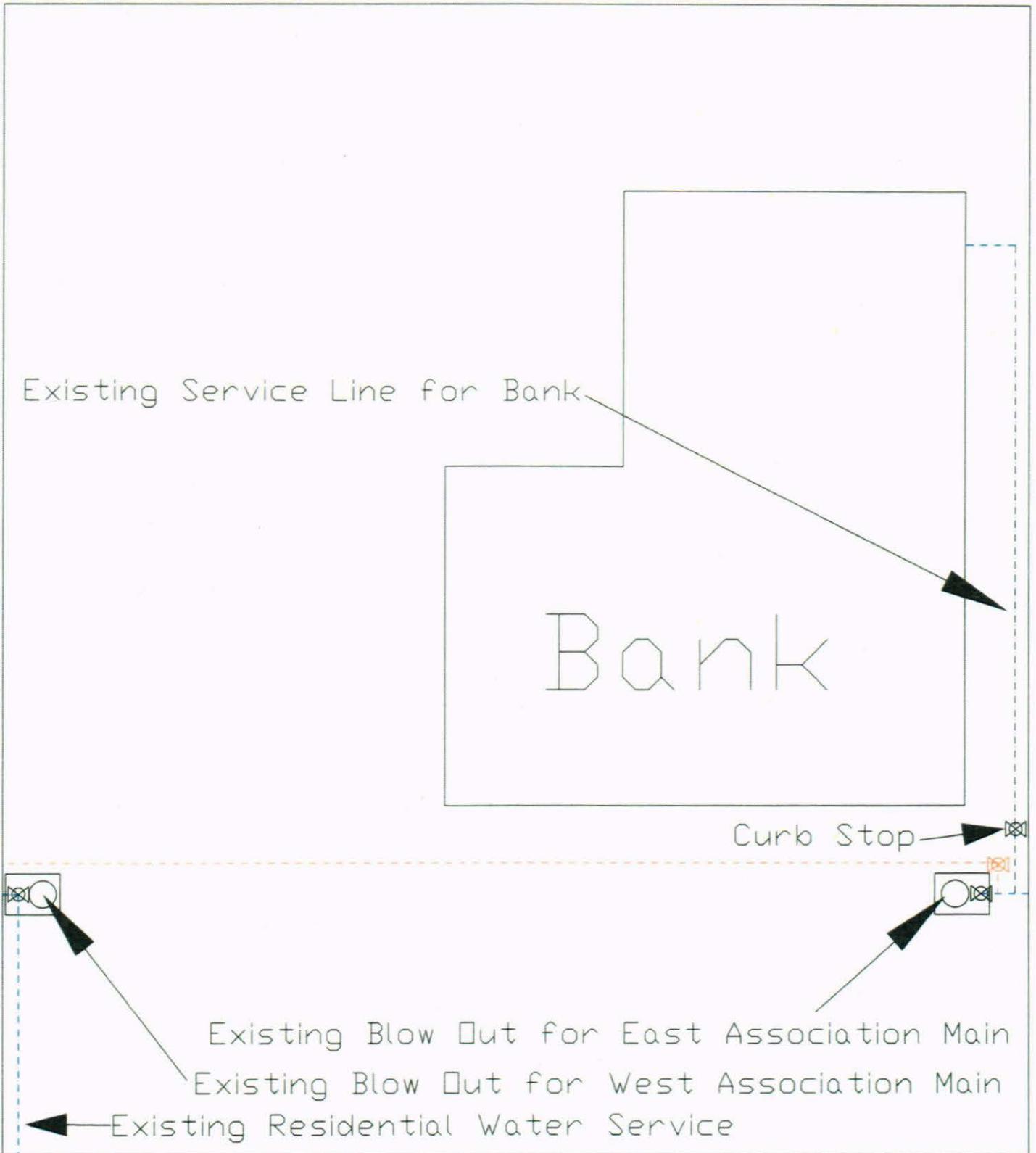
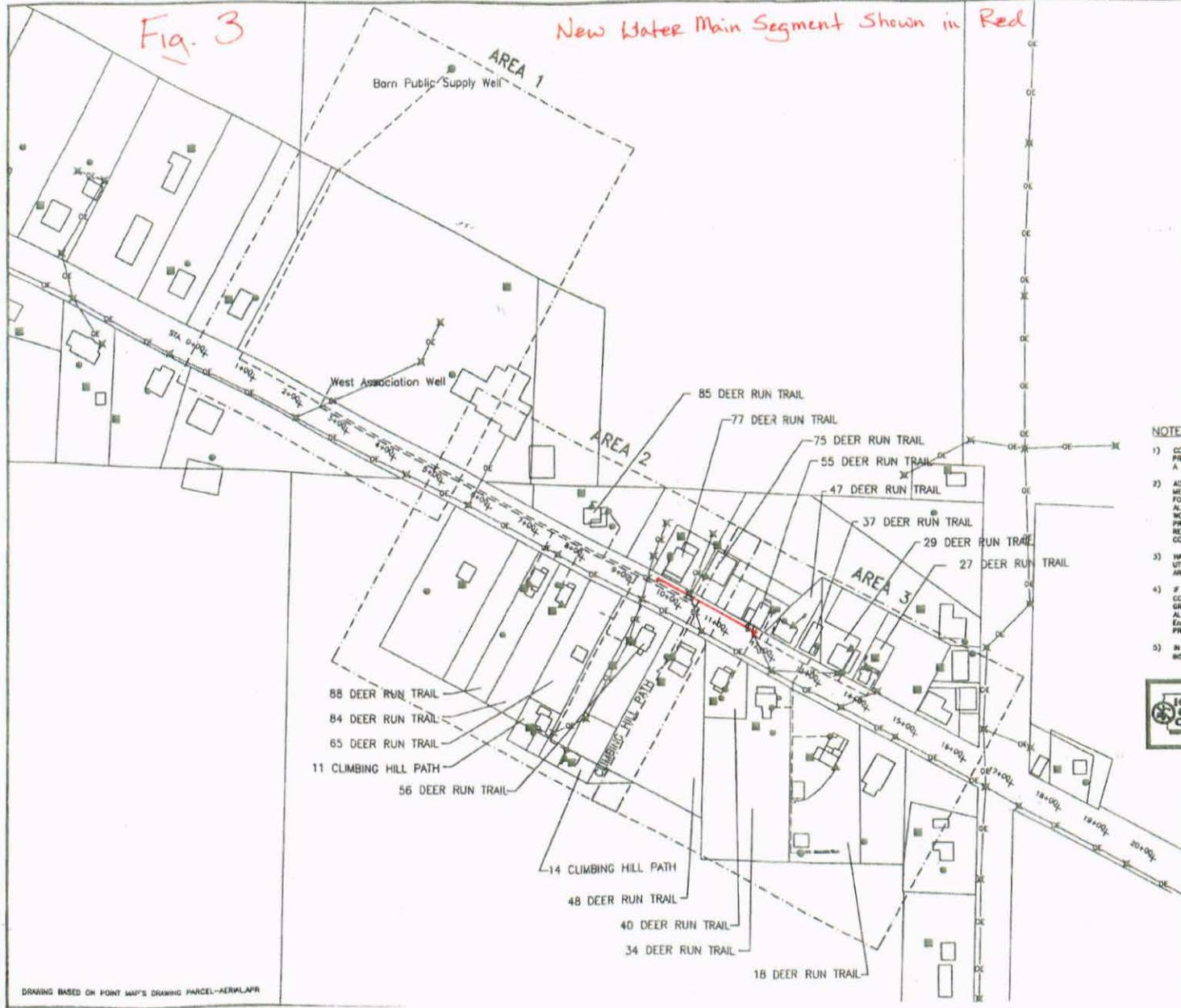


Figure 2B. Generalized Water Main Diagram at Bank (55 Deer Run Trail) Climbing Hill, IA

Proposed New Construction Shown in Red
 Not to Scale and Not Intended to Show Exact Locations

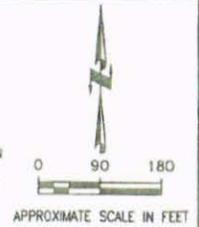
Fig. 3

New Water Main Segment Shown in Red



LEGEND

- = APPROXIMATE SUPPLY WELL LOCATION
- = APPROXIMATE WATER SUPPLY ENTRANCE
- = APPROXIMATE SEPTIC LOCATION
- ▲ = APPROXIMATE LIQUID PROPANE HOUSE ENTRANCE
- = APPROXIMATE LIQUID PROPANE TANK
- = APPROXIMATE PARCEL BOUNDARY
- = APPROXIMATE BUILDING
- = APPROXIMATE STATION MARKERS
- ⋈ = UTILITY POLE
- = ELECTRICAL VAULT
- OE— = OVERHEAD ELECTRICAL LINE
- UE— = UNDERGROUND ELECTRICAL LINE



NOTE:

- 1) CONTACT IOWA ONE-CALL AT LEAST 72 HOURS PRIOR TO BEGINNING WORK AT SITE TO SCHEDULE A UTILITY LOCATE.
- 2) ADDITIONAL UNDERGROUND ELECTRICAL AND/OR MECHANICAL UTILITIES MAY EXIST IN AREA SHOWN FOR SITE WORK. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND EXERCISE CARE DURING EXCAVATION TO PREVENT DAMAGE. UTILITIES SHOWN MAY NOT REPRESENT THE FULL EXTENT OF EXISTING CONDITIONS.
- 3) HAND EXCAVATE IN AREAS OF UNDERGROUND UTILITIES. EXERCISE EXTREME CAUTION IN THESE AREAS.
- 4) IF AT ANY TIME DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS SOIL AND/OR GROUNDWATER THAT MAY BE CONTAMINATED, STOP ALL WORK IMMEDIATELY AND CONTACT THE ON-SITE ENCO-TECH PERSONNEL OR CALL THE ENCO-TECH PROJECT MANAGER @ 815-800-735-1077.
- 5) IN THE DOCUMENTS, "PROVIDE" MEANS "FURNISH & INSTALL".

CADD INDENTIFICATION CLAUSE
 The drawings prepared by the Engineer for this project are instruments of the Engineer's service for use only on the project. During Project's implementation, the Contractor may obtain copies of the drawings to provide parties to the project of project information. These drawings shall not be used on other projects, for editions to the Project, or for completion of construction. Any intentional or unintentional reproduction, modification, or addition to these drawings shall be made at the full risk of the contractor, and the Engineer shall have no liability, and the Contractor shall indemnify and hold the Engineer of any and all responsibility and liability.

72hrs BEFORE YOU DIG CALL IOWA ONE CALL 1-800-292-8989
 Notification service for locating underground

10/29/03 REQUEST FOR BIDS

EnecoTech
 ENVIRONMENTAL CONSULTANTS

SITE MAP WITH KNOWN UTILITIES

FORMER BENJAMIN GASOLINE STATION
 DEER RUN TRAIL, CLIMBING HILL, IOWA

DESIGN NO.	13980-001	DRAWN BY	KAM	APPROVED BY	KAM	DATE	10/1/03	Sheet No.	50
FILE NO.	139800150	DATE	8/28/03	REV	10/1/03				

DRAWING BASED ON POINT MAP'S DRAWING PARCEL-AERIAL.APR

82	Scott	1.07772688	\$3,924,435	1.13557006	\$1,176,678	\$102,923	\$387,874	\$49,651	\$5,769
83	Shelby	0.95410042	\$3,474,261	0.92376867	\$957,209	\$91,117	\$343,381	\$40,703	\$4,729
84	Sioux	1.56646084	\$5,704,111	1.50262602	\$1,557,021	\$149,597	\$563,769	\$12,409	\$1,442
85	Story	1.13830776	\$4,145,034	1.19059356	\$1,233,693	\$108,708	\$409,677	\$33,520	\$3,894
86	Tama	1.21785712	\$4,434,705	1.18388342	\$1,226,740	\$116,305	\$438,307	\$42,035	\$4,884
87	Taylor	0.82162649	\$2,991,871	0.82193453	\$851,689	\$78,465	\$295,703	\$25,779	\$2,995
88	Union	0.68319422	\$2,487,783	0.67112166	\$695,416	\$65,245	\$245,882	\$16,641	\$1,933
89	Van Buren	0.77545005	\$2,823,724	0.81281606	\$842,240	\$74,055	\$279,084	\$59,623	\$6,927
90	Wapello	0.85809648	\$3,124,673	0.92438355	\$957,846	\$81,948	\$308,829	\$23,784	\$2,763
91	Warren	1.20446753	\$4,385,948	1.29017604	\$1,336,880	\$115,027	\$433,488	\$50,435	\$5,860
92	Washington	1.00661882	\$3,665,502	1.12506922	\$1,165,797	\$96,132	\$362,282	\$16,867	\$1,960
93	Wayne	0.74061172	\$2,696,864	0.72687644	\$753,189	\$70,728	\$266,546	\$17,126	\$1,990
94	Webster	1.36312318	\$4,963,677	1.38372939	\$1,433,820	\$130,178	\$490,588	\$63,971	\$7,432
95	Winnebago	0.65357751	\$2,379,937	0.60260097	\$624,415	\$62,417	\$235,223	\$20,443	\$2,375
96	Winneshiek	1.28940990	\$4,695,257	1.25970490	\$1,305,306	\$123,139	\$464,059	\$51,419	\$5,974
97	Woodbury	1.55636230	\$5,667,338	1.48539957	\$1,539,171	\$148,633	\$560,135	\$56,813	\$6,601
98	Worth	0.68413422	\$2,491,206	0.67556593	\$700,022	\$65,335	\$246,220	\$55,650	\$6,466
99	Wright	0.93202542	\$3,393,877	0.79368716	\$822,419	\$89,008	\$335,436	\$6,712	\$780
Totals		100.00000000	\$364,140,000	100.00000000	\$103,620,000	\$9,550,000	\$35,990,000	\$3,119,043	\$362,380

Amounts in this column
contain T215 from Col. D

FM fund does not
receive T21 \$

Direct allocation from
primary road fund

Supplemental info
Included in Col. A

Amounts in this column
contain T215 from Col. F

Supplemental info
Included in Col. D

FY16 RUTF Distribution Factors - FY17 Preliminary Estimates
 Based on FY16 factors applied to FY17 projected revenue (Time-21 contributions are in Cols E & F)

Prepared on: **9/21/2015**
 Prepared by: **ICEA Service Bureau**

ADVANCE ESTIMATE

FY 16 original	Secondary Road Fund allocation
	Est. amount for FY15 -> \$363,380,000
projection	\$319.7M Reg (24.5%) & \$34.10 TIME-21 (20%) plus TJ \$9.58

FM Road fund allocation
Est. amount for FY15 -> \$103,970,000
8% of RUTF - no TIME-21

TJ Allocation
\$9,580,000
DOT funds to all counties

TIME-21 Amounts
\$34,100,000
Included in Col. A

FM xfr Allocation
\$3,112,534

TIME-21 Amounts
\$361,622
Included in Col. E

FY 17 advance estimate	Secondary Road Fund allocation
	Est. amount for FY16 -> \$364,140,000
	\$318.6M Reg (24.5%) & \$35.99 TIME-21 (20%) plus TJ \$9.55

FM Road fund allocation
Est. amount for FY16 -> \$103,620,000
8% of RUTF - no TIME-21

TJ Allocation
\$9,550,000
DOT funds to all counties

TIME-21 Amounts
\$35,990,000
Included in Col. A

FM xfr Allocation
\$3,119,043

TIME-21 Amounts
\$362,380
Included in Col. E

Counties	Factors based on Sec. Rds. data as of 1-1-15 and 2010 US Census	RUTF + TIME21 + TJ
No Name	SRF Factor	
1 Adair	0.91346903	\$3,326,306
2 Adams	0.67162866	\$2,445,669
3 Allamakee	1.01095079	\$3,681,276
4 Appanoose	0.80715091	\$2,939,159
5 Audubon	0.72592993	\$2,643,401
6 Benton	1.37119823	\$4,993,081
7 Black Hawk	1.19471266	\$4,350,427
8 Boone	1.05325097	\$3,835,308
9 Bremer	0.88910368	\$3,237,582
10 Buchanan	1.15263964	\$4,197,222
11 Buena Vista	0.97302476	\$3,543,172
12 Butler	1.06140455	\$3,864,999
13 Calhoun	0.95664476	\$3,483,526
14 Carroll	1.01888643	\$3,710,173
15 Cass	0.88279807	\$3,214,621
16 Cedar	1.06462210	\$3,876,715
17 Cerro Gordo	1.05276607	\$3,833,542
18 Cherokee	0.97066157	\$3,534,567
19 Chickasaw	0.93471428	\$3,403,669
20 Clarke	0.62167020	\$2,263,752
21 Clay	0.98480495	\$3,586,069
22 Clayton	1.21822664	\$4,436,050
23 Clinton	1.23396339	\$4,493,354
24 Crawford	1.10940315	\$4,039,781
25 Dallas	1.10574628	\$4,026,465
26 Davis	0.82005946	\$2,986,165
27 Decatur	0.81300313	\$2,960,470
28 Delaware	1.11900047	\$4,074,728
29 Des Moines	0.80889324	\$2,945,504
30 Dickinson	0.71758442	\$2,613,012
31 Dubuque	1.38751743	\$5,052,506
32 Emmet	0.61974569	\$2,256,744
33 Fayette	1.24621266	\$4,537,959

Factors based on FM data as of 1-1-15 and 2010 US Census	RUTF
FM factor	
0.78509959	\$813,520
0.60553053	\$627,452
1.02237209	\$1,059,382
0.82114968	\$850,875
0.69374556	\$718,859
1.31540637	\$1,363,024
1.26132341	\$1,306,983
1.06356632	\$1,102,067
0.83117263	\$861,261
1.17622517	\$1,218,805
0.96213904	\$996,968
1.04211810	\$1,079,843
0.90417656	\$936,908
1.00663223	\$1,043,072
0.78573801	\$814,182
1.08892565	\$1,128,345
1.05255052	\$1,090,653
0.94079578	\$974,853
0.84862035	\$879,340
0.61793343	\$640,304
0.96694645	\$1,001,950
1.26922829	\$1,315,174
1.22968068	\$1,274,195
1.04266546	\$1,080,410
1.14797262	\$1,189,529
0.82557028	\$855,456
0.88905412	\$921,238
1.10161825	\$1,141,497
0.87146601	\$903,013
0.69656095	\$721,776
1.47680039	\$1,530,261
0.58811634	\$609,407
1.19806157	\$1,241,431

INFORMATIONAL ITEM
Included in RUTF Col. A From IA DOT Transfer of Jurisdiction Fund
\$87,236
\$64,142
\$96,546
\$77,083
\$69,326
\$130,949
\$114,095
\$100,585
\$84,909
\$110,077
\$92,924
\$101,364
\$91,360
\$97,304
\$84,307
\$101,671
\$100,539
\$92,698
\$89,265
\$59,370
\$94,049
\$116,341
\$117,844
\$105,948
\$105,599
\$78,316
\$77,642
\$106,865
\$77,249
\$68,529
\$132,508
\$59,187
\$119,013

Estimated TIME-21 additional to Sec. Rd fund
\$328,758
\$241,720
\$363,841
\$290,494
\$261,262
\$493,494
\$429,977
\$379,065
\$319,988
\$414,835
\$350,192
\$381,999
\$344,296
\$366,697
\$317,719
\$383,157
\$378,891
\$349,341
\$336,404
\$223,740
\$354,431
\$438,440
\$444,103
\$399,274
\$397,958
\$295,139
\$292,600
\$402,728
\$291,121
\$258,259
\$499,368
\$223,046
\$448,512

Funds for FM extensions in cities with less than 500 population
\$16,276
\$8,907
\$11,968
\$50,869
\$12,990
\$16,674
\$0
\$25,533
\$6,217
\$37,292
\$19,538
\$11,607
\$27,603
\$76,313
\$26,122
\$6,451
\$53,561
\$17,244
\$49,535
\$4,716
\$40,237
\$72,590
\$67,073
\$48,158
\$34,644
\$21,448
\$29,009
\$42,424
\$7,500
\$9,353
\$102,911
\$20,016
\$68,871

INFORMATIONAL ITEM
Estimated TIME-21 additional to FMxtn TJ
\$1,891
\$1,035
\$1,390
\$5,910
\$1,509
\$1,937
\$0
\$2,966
\$722
\$4,333
\$2,270
\$1,348
\$3,207
\$8,866
\$3,035
\$749
\$6,223
\$2,003
\$5,755
\$548
\$4,675
\$8,434
\$7,793
\$5,595
\$4,025
\$2,492
\$3,370
\$4,929
\$871
\$1,087
\$11,957
\$2,326
\$8,002