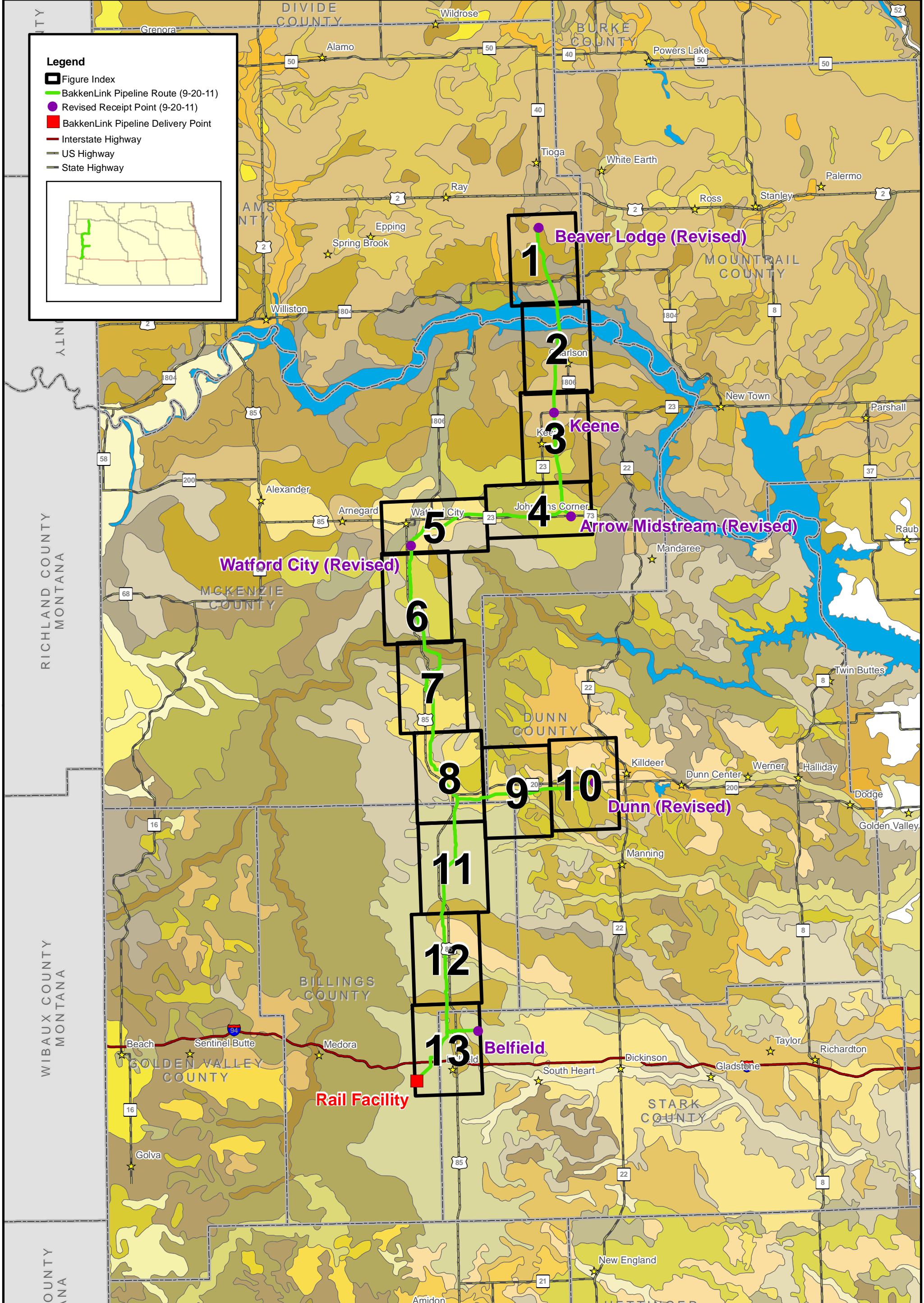
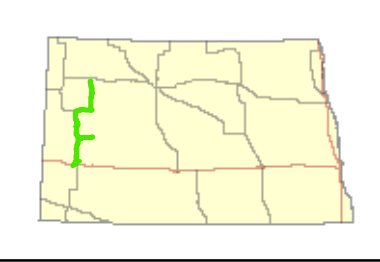
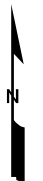


Legend

- Figure Index
- BakkenLink Pipeline Route (9-20-11)
- Revised Receipt Point (9-20-11)
- BakkenLink Pipeline Delivery Point
- Interstate Highway
- US Highway
- State Highway



1:633,600
1 inch = 10 miles
0 5 10 Miles

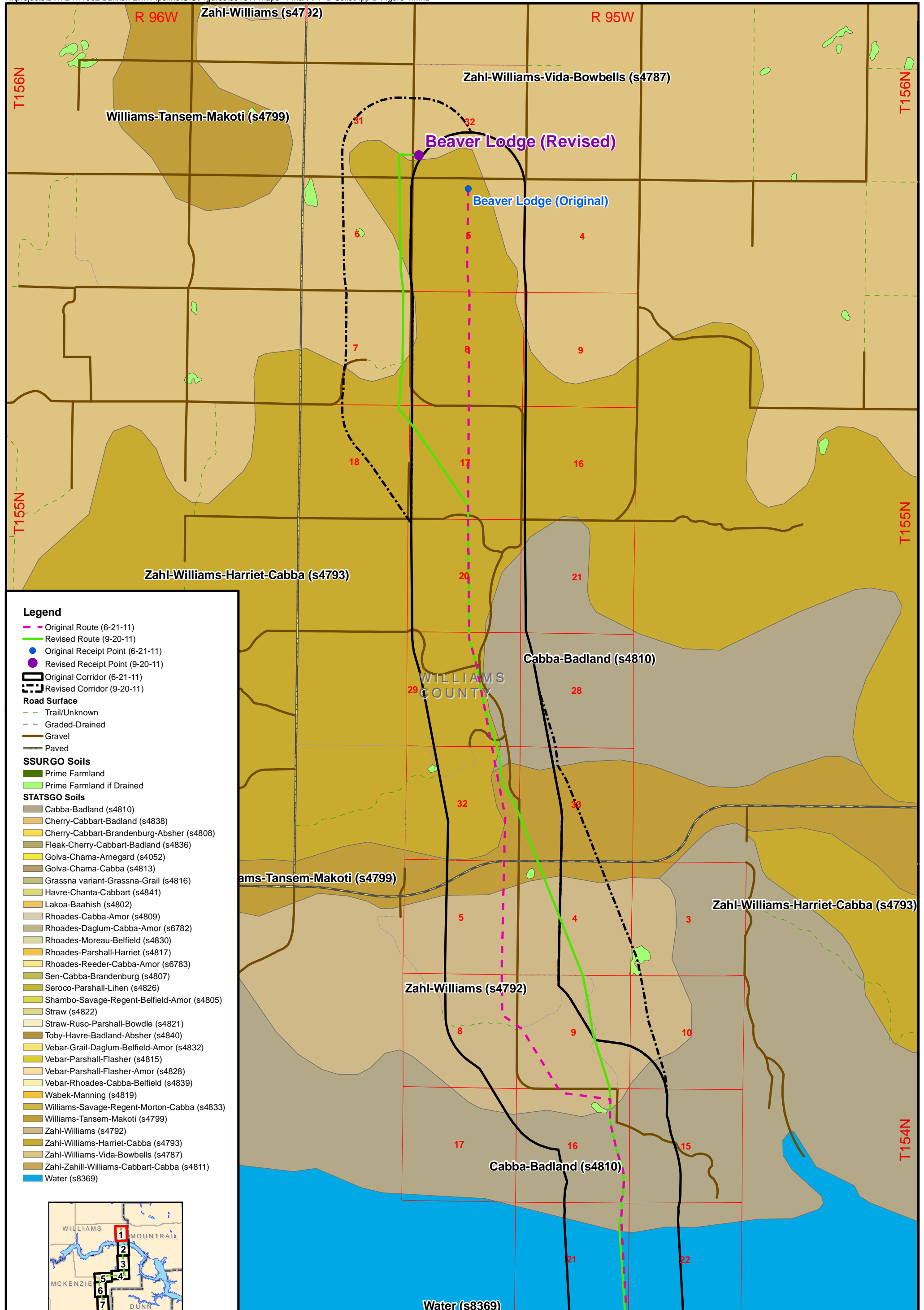


Base Data: USGS STATSGO Data

BakkenLink Pipeline LLC

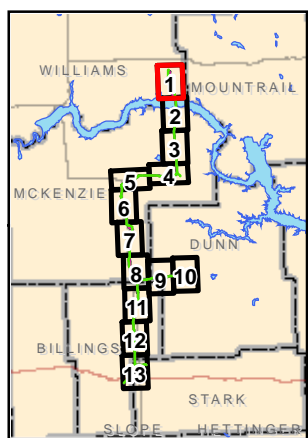
Date: September 2011 Rev: 02

**Appendix D
Index Sheet
Soils Classification**



Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



1:48,000
 1 inch = 4,000 feet
 0 2,000 4,000 Feet

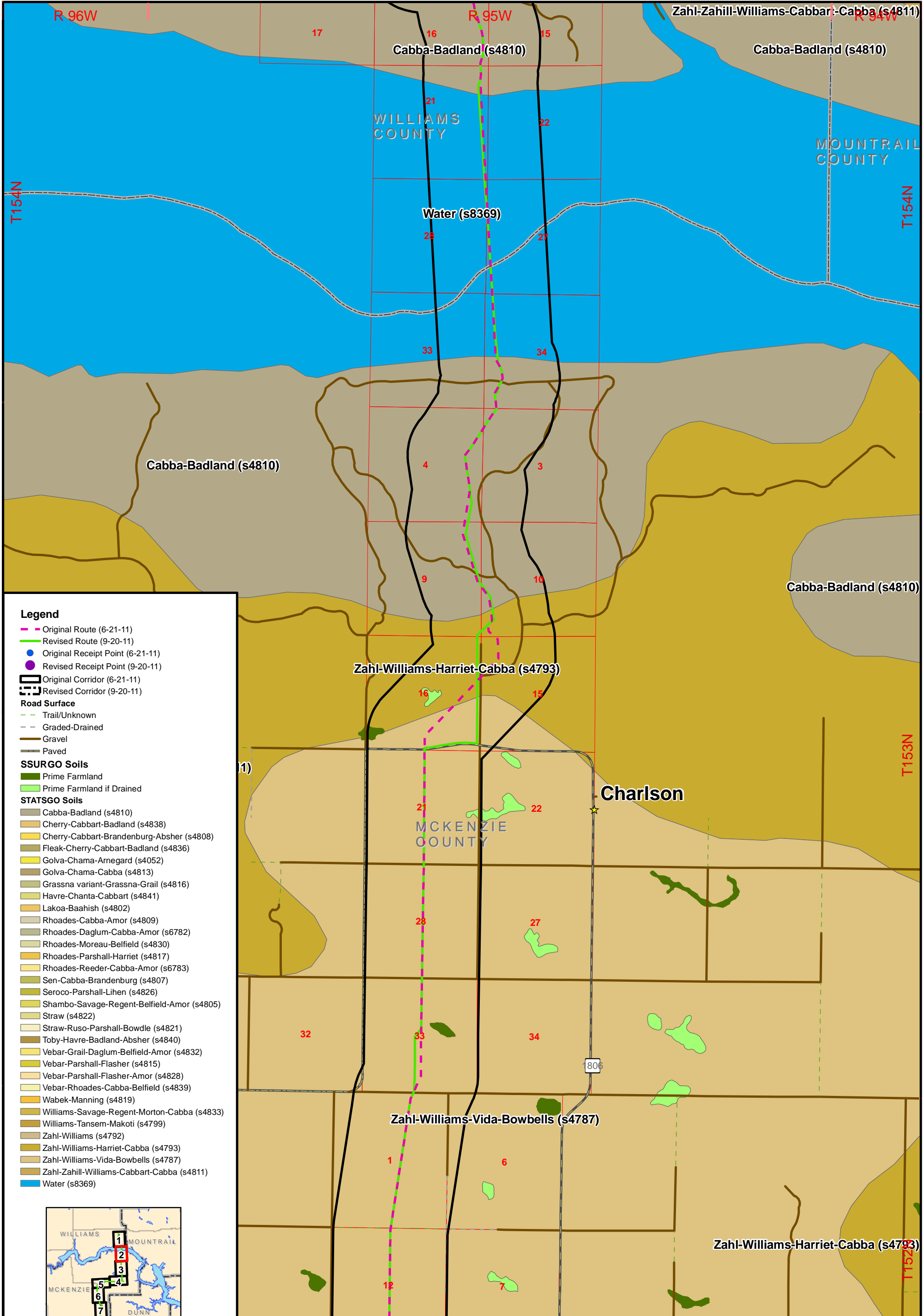
Base Data: USGS STATSGO and SSURGO Soil datasets



BakkenLink Pipeline LLC

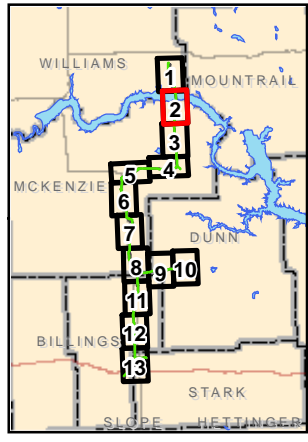
Date: September 2011 Rev: 02

**Appendix D
 Figure 1
 Soils Classification**



Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



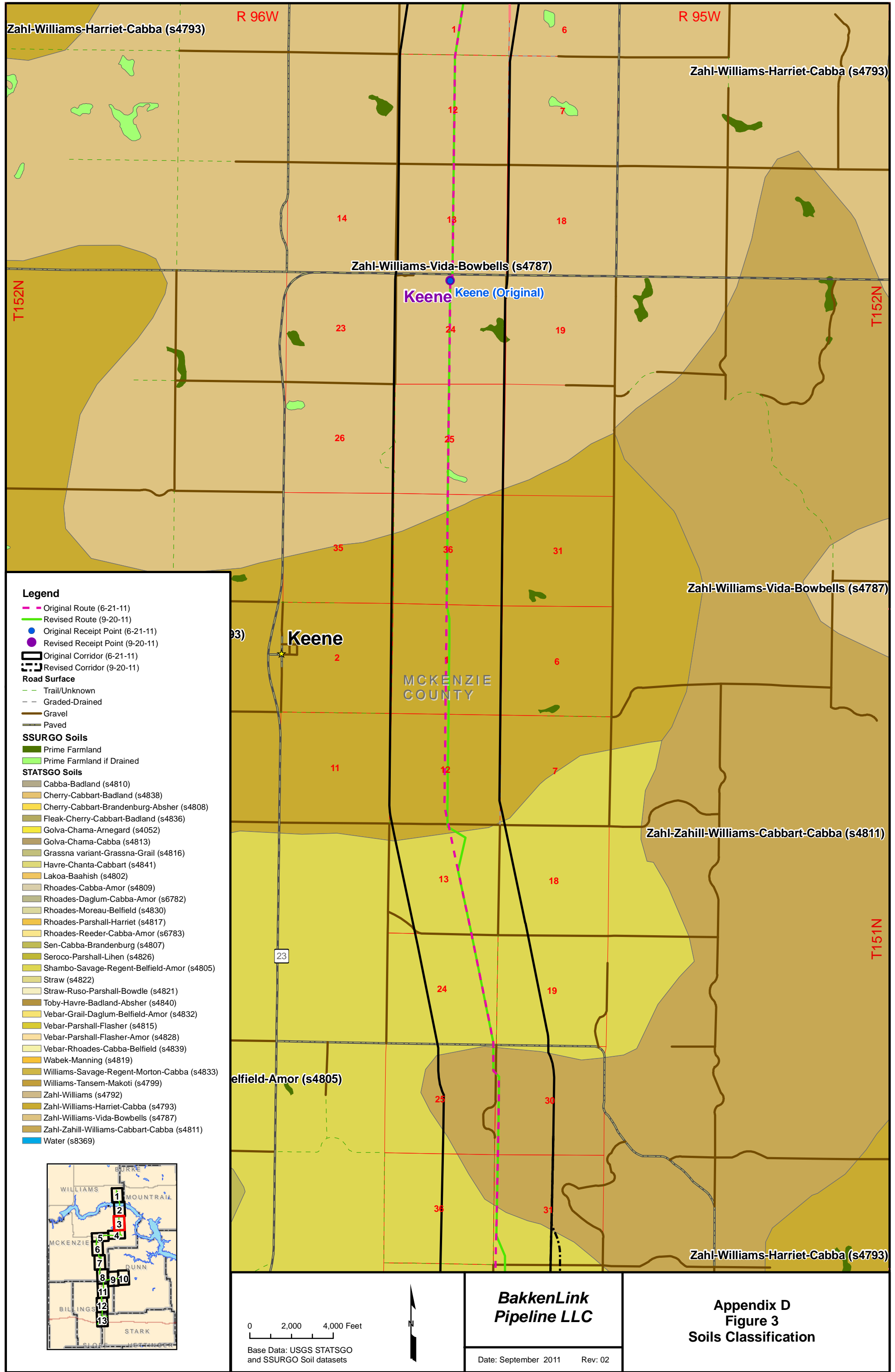
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 0 2,000 4,000 Feet



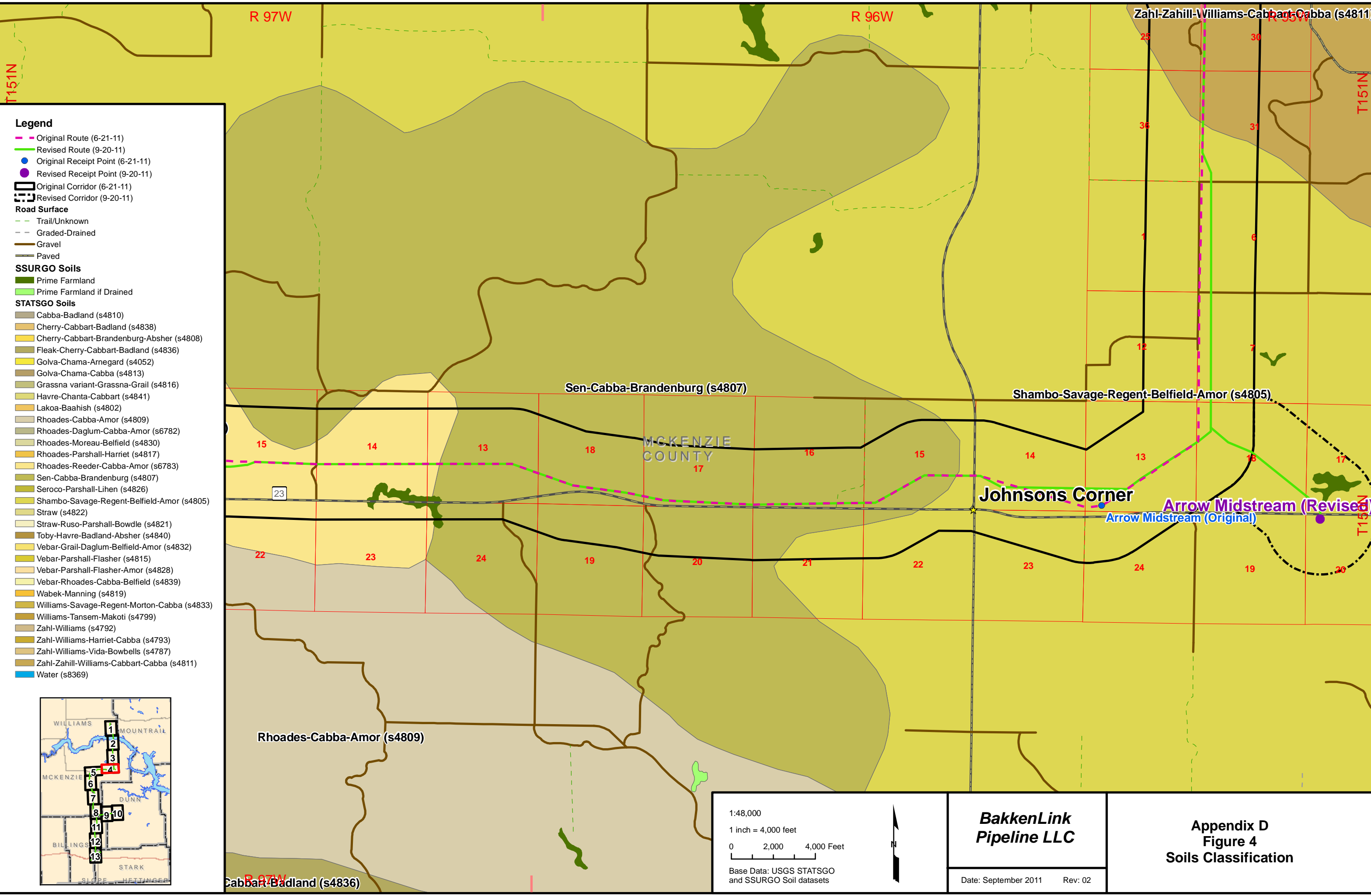
BakkenLink Pipeline LLC

Date: September 2011 Rev: 02

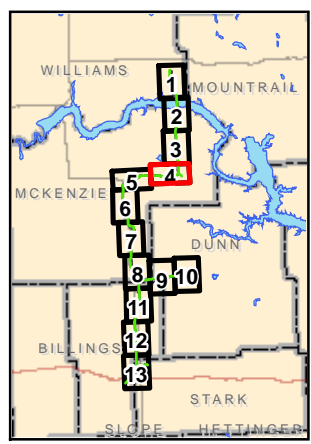
**Appendix D
 Figure 2
 Soils Classification**



R:\projects\BWI\BWI1002 Bakken Link Pipeline\GIS\Figures\091511 maps - Final\APP D Soils\APP D Figure 4.mxd



- Legend**
- Original Route (6-21-11)
 - Revised Route (9-20-11)
 - Original Receipt Point (6-21-11)
 - Revised Receipt Point (9-20-11)
 - Original Corridor (6-21-11)
 - Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
 - Graded-Drained
 - Gravel
 - Paved
- SSURGO Soils**
- Prime Farmland
 - Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
 - Cherry-Cabbart-Badland (s4838)
 - Cherry-Cabbart-Brandenburg-Absher (s4808)
 - Fleak-Cherry-Cabbart-Badland (s4836)
 - Golva-Chama-Arnegard (s4052)
 - Golva-Chama-Cabba (s4813)
 - Grassna variant-Grassna-Grail (s4816)
 - Havre-Chanta-Cabbart (s4841)
 - Lakoa-Baahish (s4802)
 - Rhoades-Cabba-Amor (s4809)
 - Rhoades-Daglum-Cabba-Amor (s6782)
 - Rhoades-Moreau-Belfield (s4830)
 - Rhoades-Parshall-Harriet (s4817)
 - Rhoades-Reeder-Cabba-Amor (s6783)
 - Sen-Cabba-Brandenburg (s4807)
 - Seroco-Parshall-Lihen (s4826)
 - Shambo-Savage-Regent-Belfield-Amor (s4805)
 - Straw (s4822)
 - Straw-Ruso-Parshall-Bowdle (s4821)
 - Toby-Havre-Badland-Absher (s4840)
 - Vebar-Grail-Daglum-Belfield-Amor (s4832)
 - Vebar-Parshall-Flasher (s4815)
 - Vebar-Parshall-Flasher-Amor (s4828)
 - Vebar-Rhoades-Cabba-Belfield (s4839)
 - Wabek-Manning (s4819)
 - Williams-Savage-Regent-Morton-Cabba (s4833)
 - Williams-Tansem-Makoti (s4799)
 - Zahl-Williams (s4792)
 - Zahl-Williams-Harriet-Cabba (s4793)
 - Zahl-Williams-Vida-Bowbells (s4787)
 - Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
 - Water (s8369)



1:48,000
1 inch = 4,000 feet

0 2,000 4,000 Feet

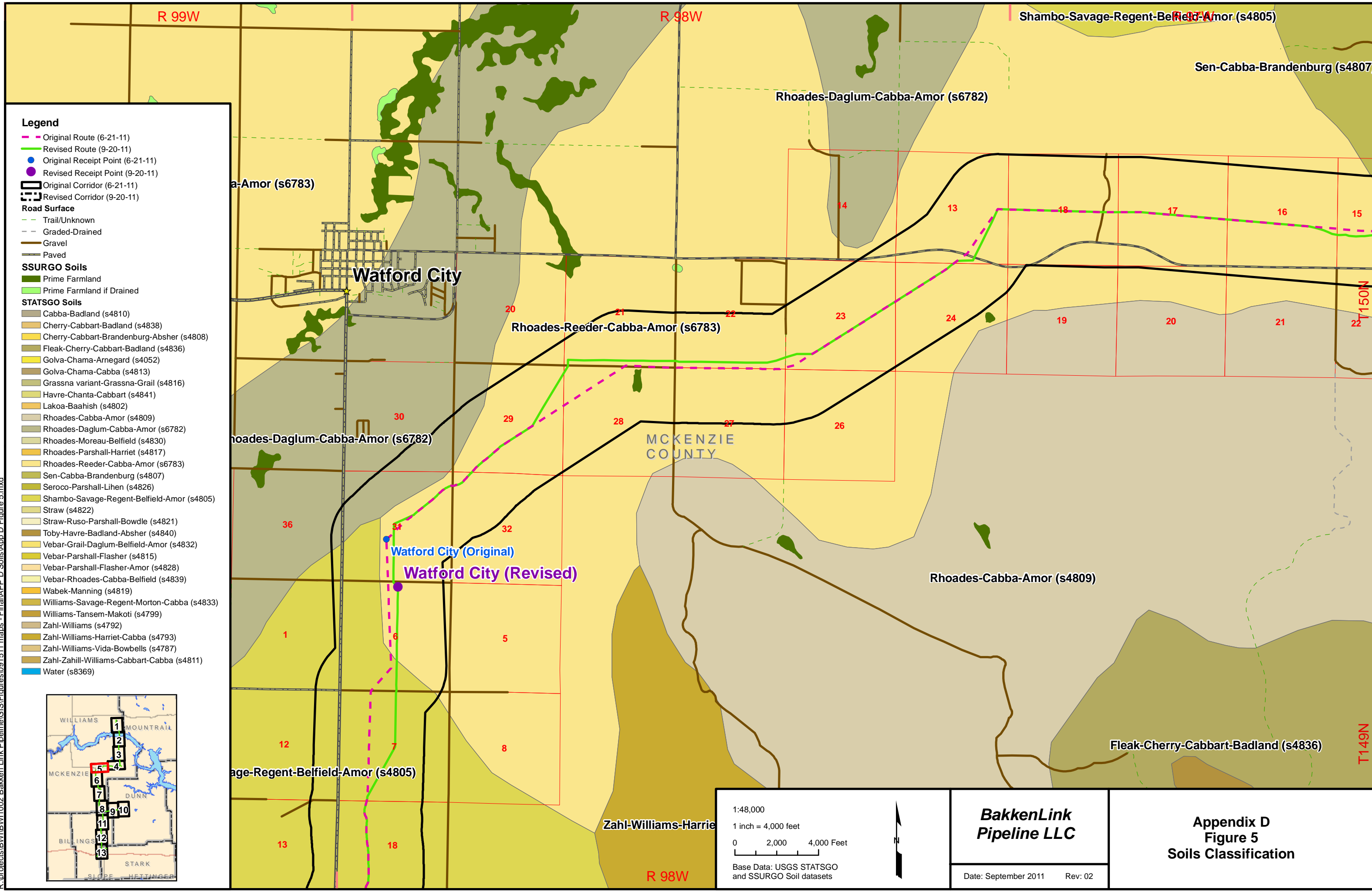
Base Data: USGS STATSGO and SSURGO Soil datasets

BakkenLink Pipeline LLC

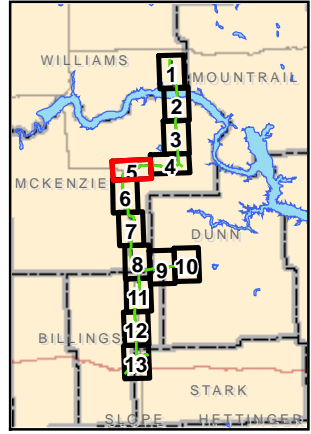
Date: September 2011 Rev: 02

**Appendix D
Figure 4
Soils Classification**

R:\projects\BWB\1002 Bakken Link Pipeline\GIS\Figures\091511 maps - Final\APP D Soils\APP D Figure 5.mxd



- Legend**
- Original Route (6-21-11)
 - Revised Route (9-20-11)
 - Original Receipt Point (6-21-11)
 - Revised Receipt Point (9-20-11)
 - Original Corridor (6-21-11)
 - Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
 - Graded-Drained
 - Gravel
 - Paved
- SSURGO Soils**
- Prime Farmland
 - Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
 - Cherry-Cabbart-Badland (s4838)
 - Cherry-Cabbart-Brandenburg-Absher (s4808)
 - Fleak-Cherry-Cabbart-Badland (s4836)
 - Golva-Chama-Arnegard (s4052)
 - Golva-Chama-Cabba (s4813)
 - Grassna variant-Grassna-Grail (s4816)
 - Havre-Chanta-Cabbart (s4841)
 - Lakoa-Baahish (s4802)
 - Rhoades-Cabba-Amor (s4809)
 - Rhoades-Daglum-Cabba-Amor (s6782)
 - Rhoades-Moreau-Belfield (s4830)
 - Rhoades-Parshall-Harriet (s4817)
 - Rhoades-Reeder-Cabba-Amor (s6783)
 - Sen-Cabba-Brandenburg (s4807)
 - Seroco-Parshall-Lihen (s4826)
 - Shambo-Savage-Regent-Belfield-Amor (s4805)
 - Straw (s4822)
 - Straw-Ruso-Parshall-Bowdle (s4821)
 - Toby-Havre-Badland-Absher (s4840)
 - Vebar-Grail-Daglum-Belfield-Amor (s4832)
 - Vebar-Parshall-Flasher (s4815)
 - Vebar-Parshall-Flasher-Amor (s4828)
 - Vebar-Rhoades-Cabba-Belfield (s4839)
 - Wabek-Manning (s4819)
 - Williams-Savage-Regent-Morton-Cabba (s4833)
 - Williams-Tansem-Makoti (s4799)
 - Zahl-Williams (s4792)
 - Zahl-Williams-Harriet-Cabba (s4793)
 - Zahl-Williams-Vida-Bowbells (s4787)
 - Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
 - Water (s8369)



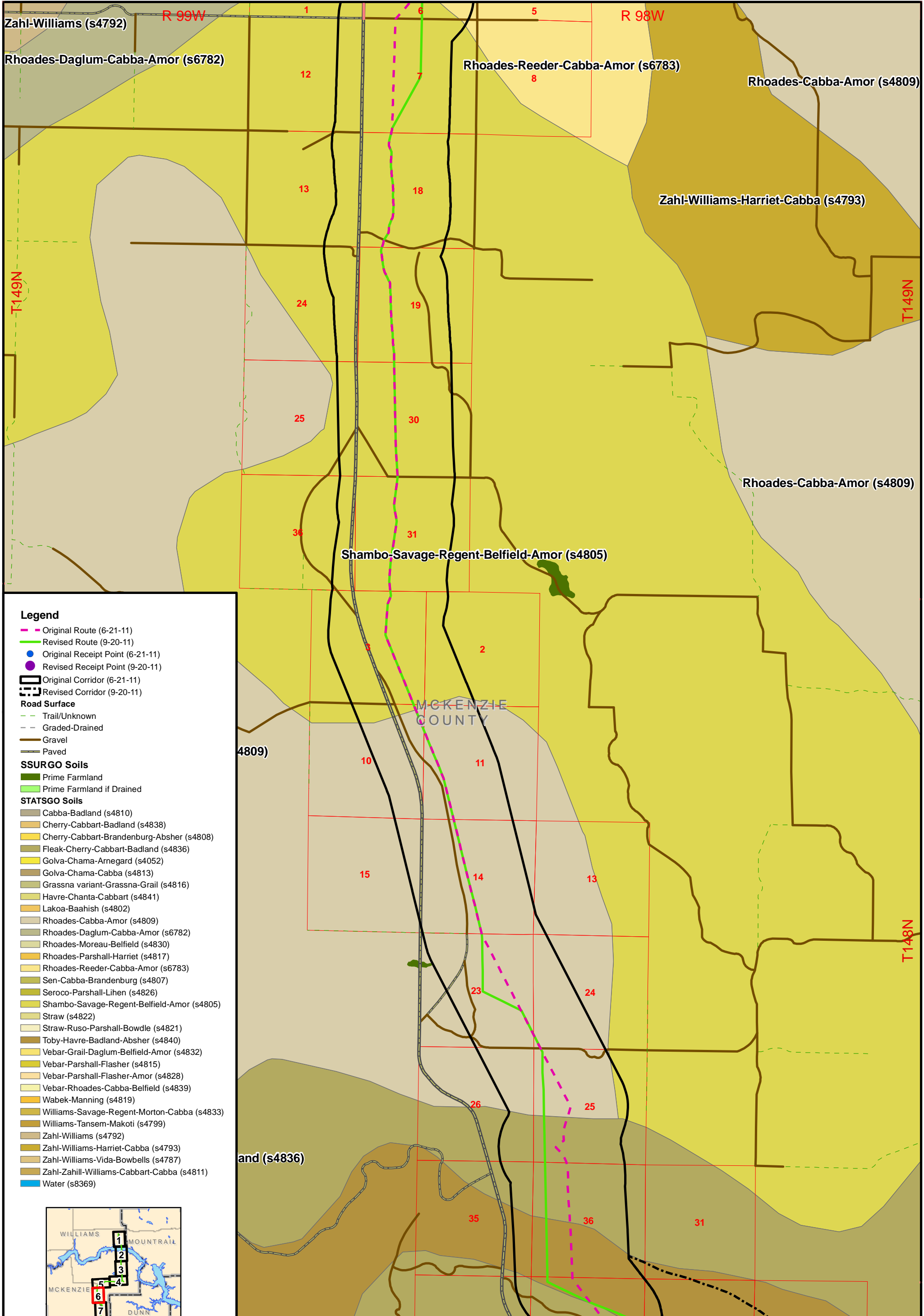
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Base Data: USGS STATSGO and SSURGO Soil datasets

BakkenLink Pipeline LLC

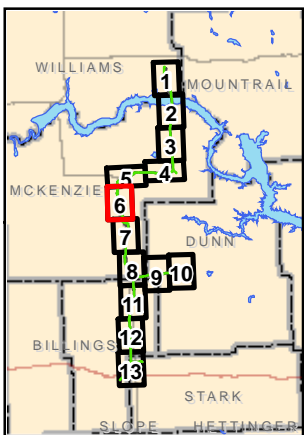
Date: September 2011 Rev: 02

**Appendix D
 Figure 5
 Soils Classification**



Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



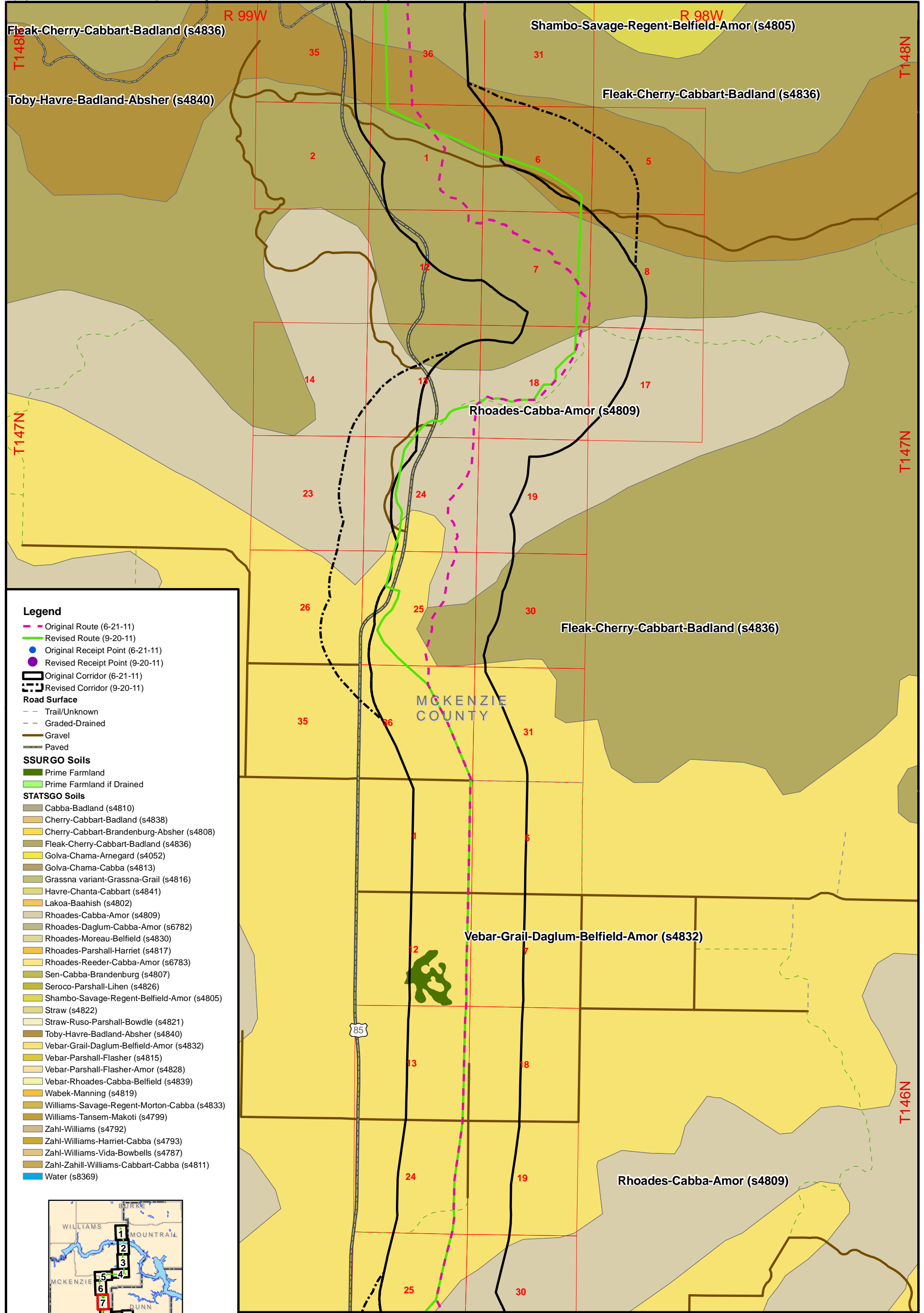
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 0 2,000 4,000 Feet



**BakkenLink
 Pipeline LLC**

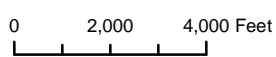
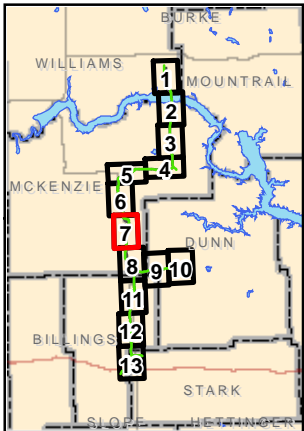
Date: September 2011 Rev: 02

**Appendix D
 Figure 6
 Soils Classification**



Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



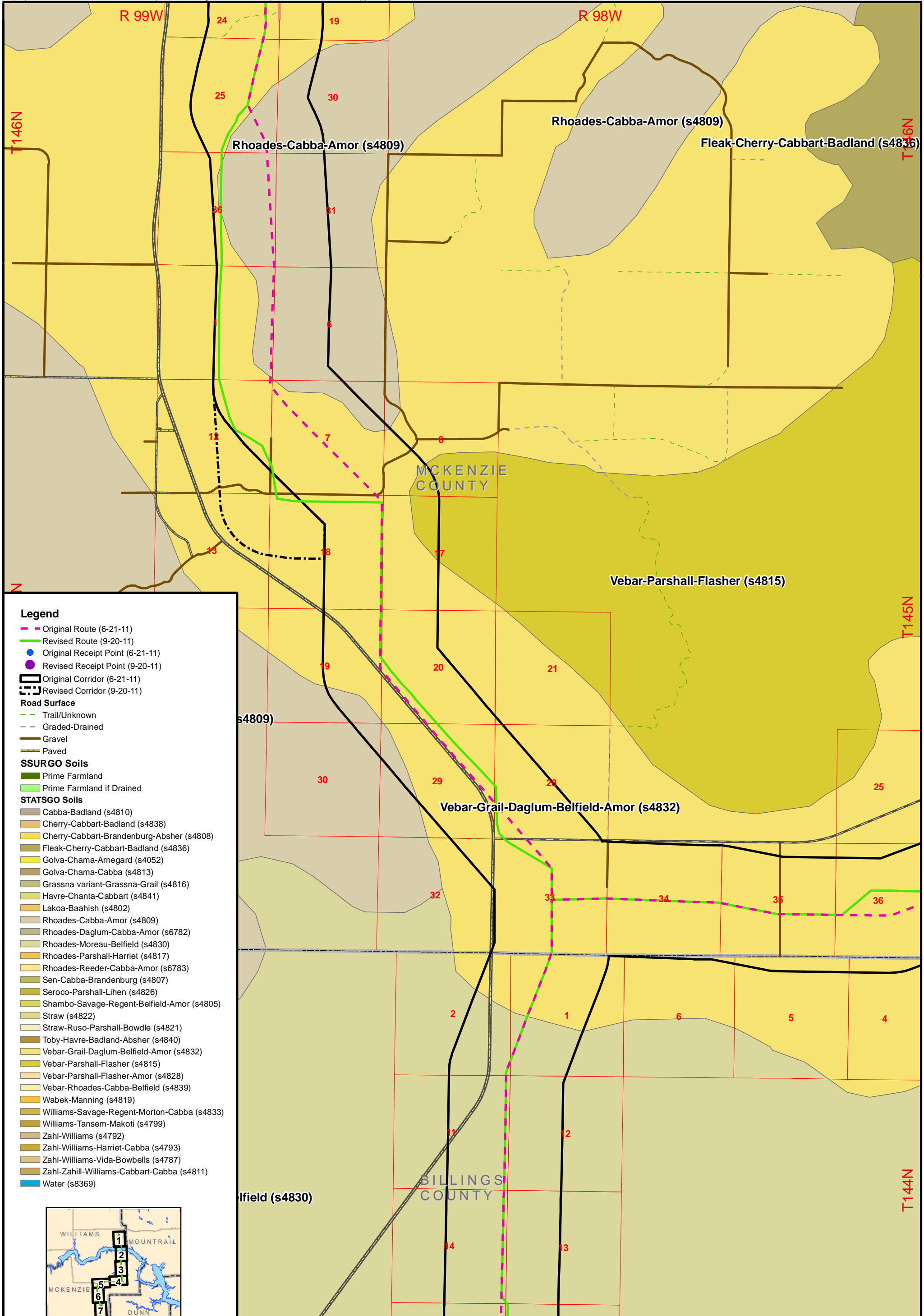
Base Data: USGS STATSGO and SSURGO Soil datasets



BakkenLink Pipeline LLC

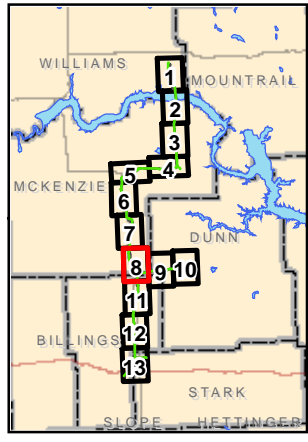
Date: September 2011 Rev: 02

**Appendix D
Figure 7
Soils Classification**



Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhodes-Cabba-Amor (s4809)
- Rhodes-Daglum-Cabba-Amor (s6782)
- Rhodes-Moreau-Belfield (s4830)
- Rhodes-Parshall-Harriet (s4817)
- Rhodes-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhodes-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



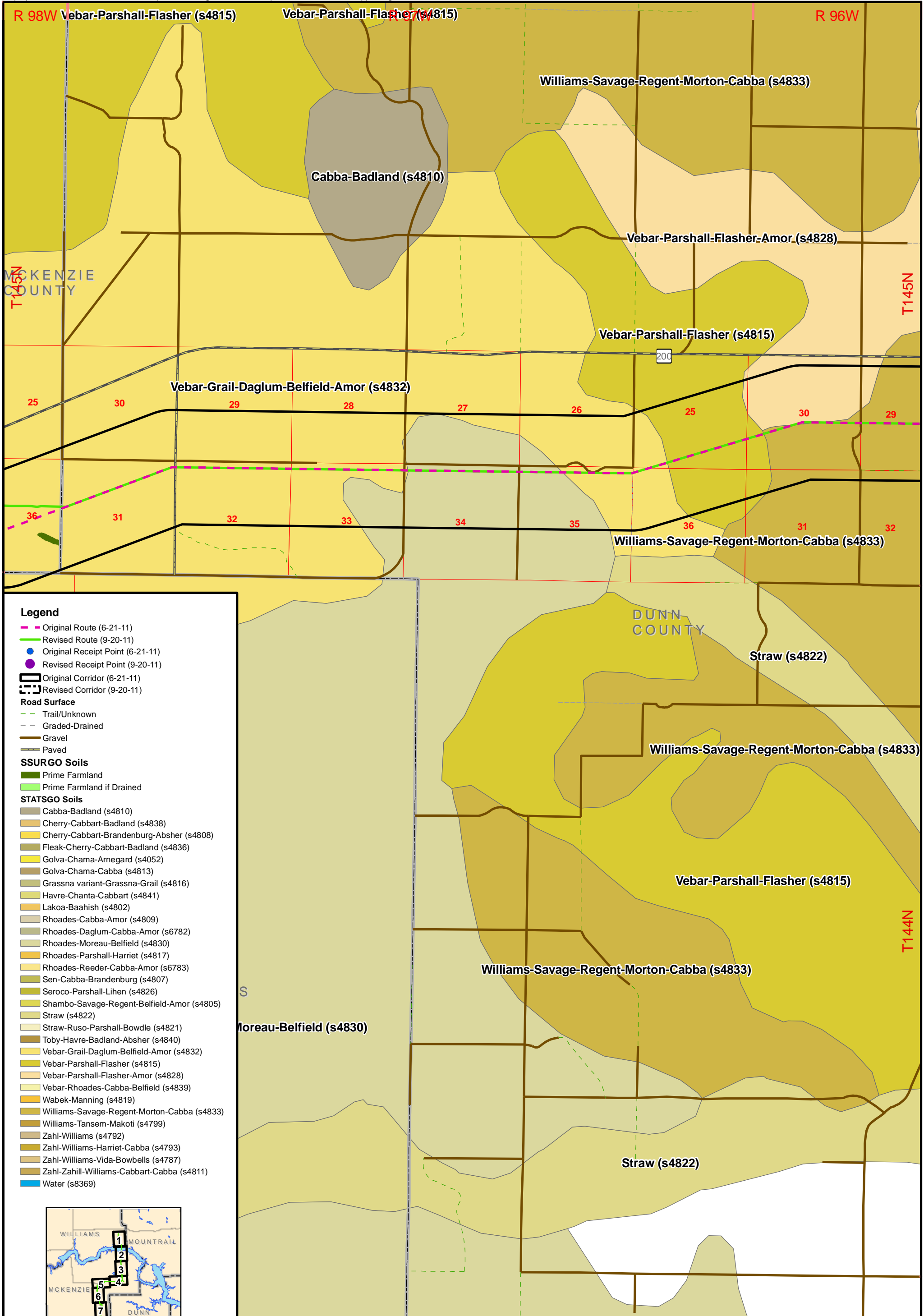
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BakkenLink Pipeline LLC

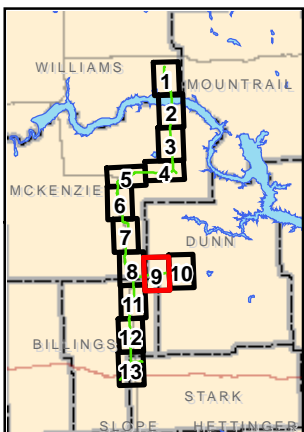
Date: September 2011 Rev: 02

**Appendix D
 Figure 8
 Soils Classification**

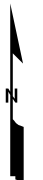


Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



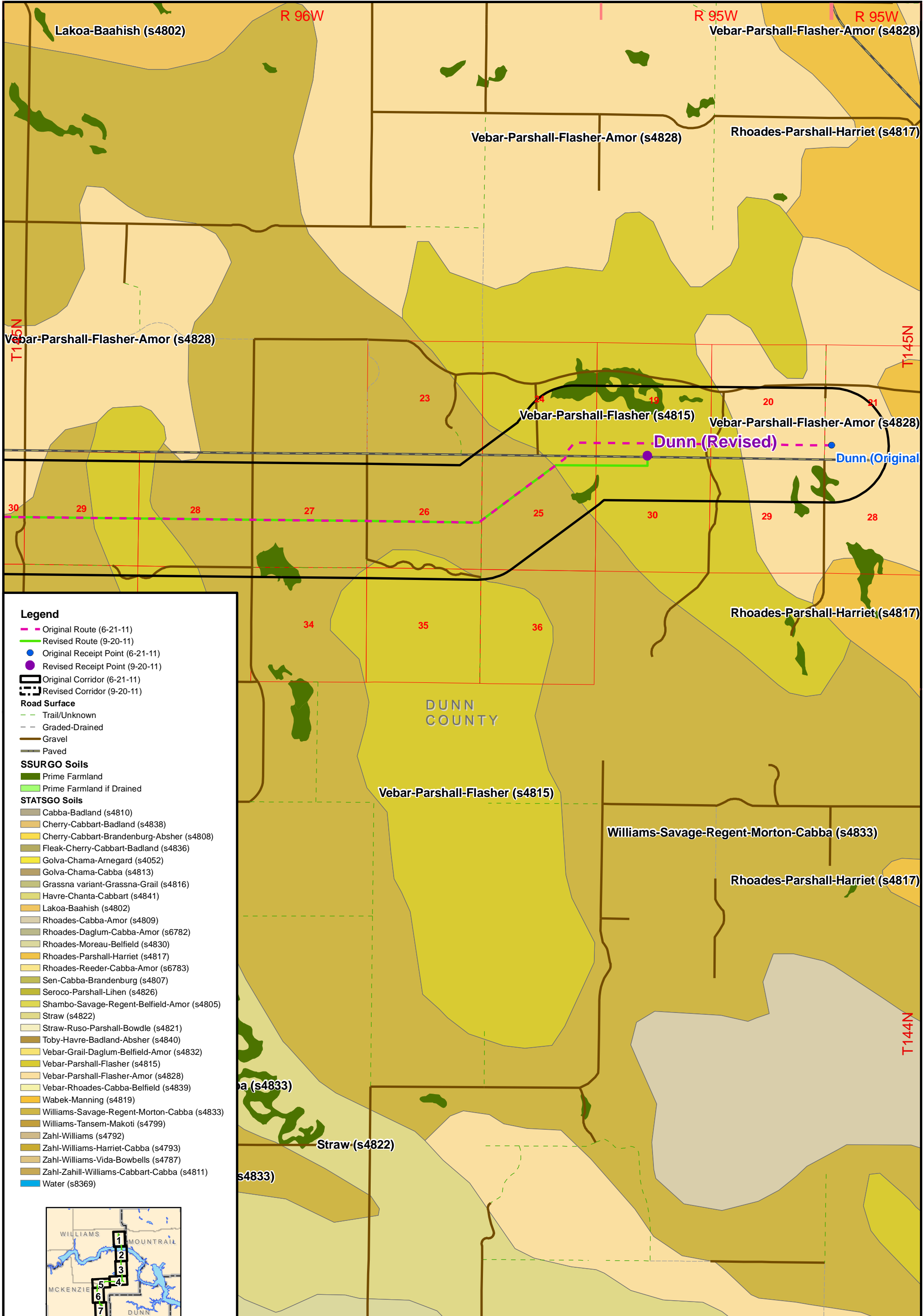
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 1 inch = 4,000 feet
 0 2,000 4,000 Feet



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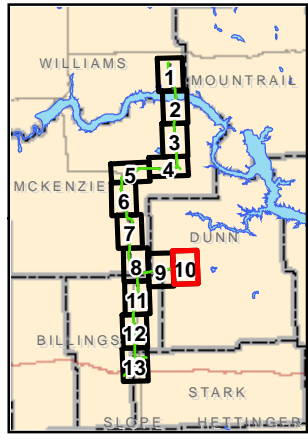
Date: September 2011 Rev: 02

**Appendix D
 Figure 9
 Soils Classification**

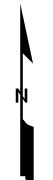


Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



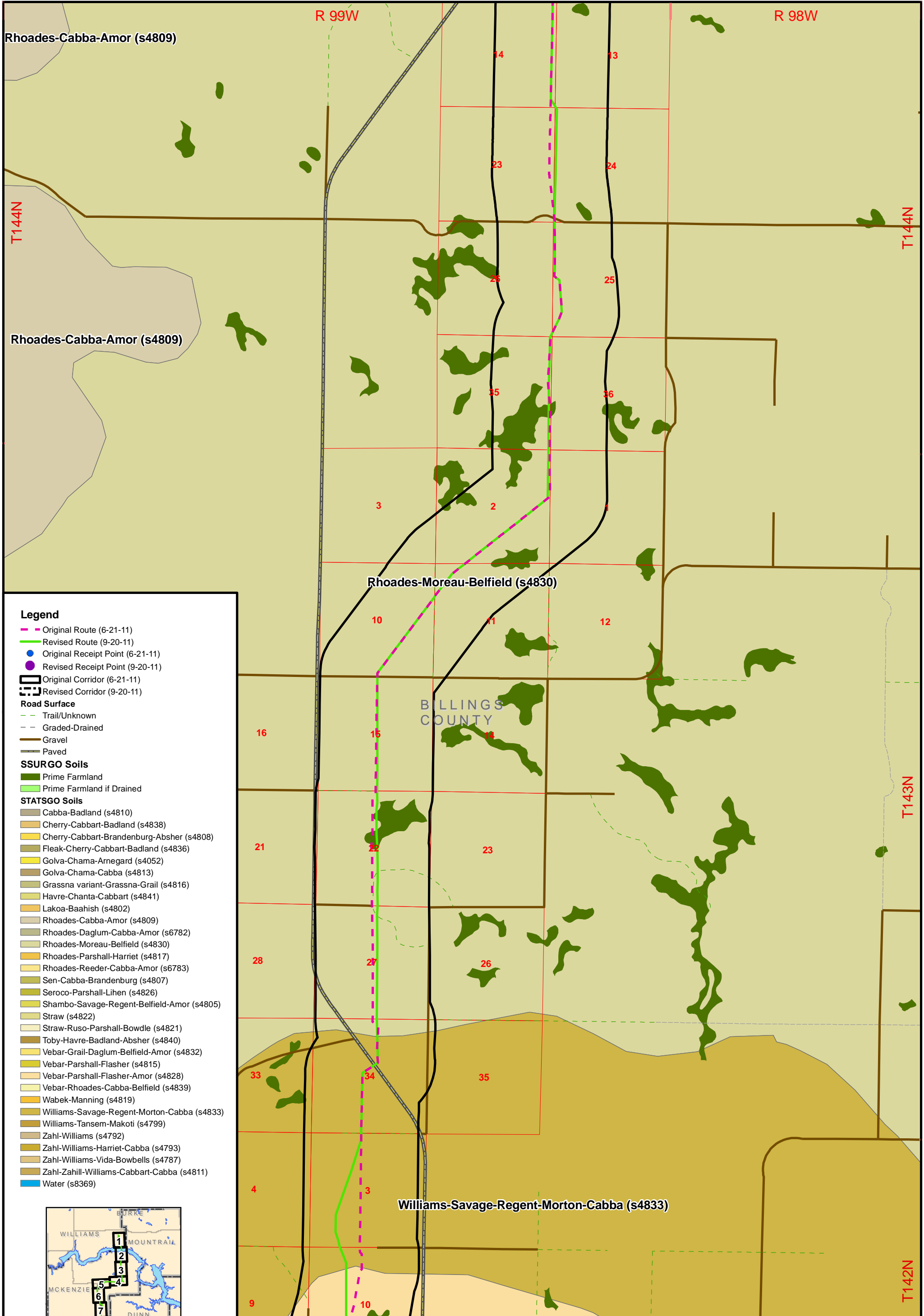
1:48,000
1 inch = 4,000 feet
0 2,000 4,000 Feet



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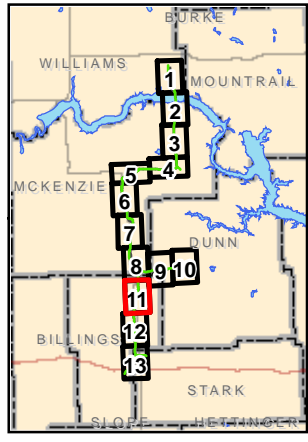
Date: September 2011 Rev: 02

**Appendix D
Figure 10
Soils Classification**



Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved
- SSURGO Soils**
- Prime Farmland
- Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)

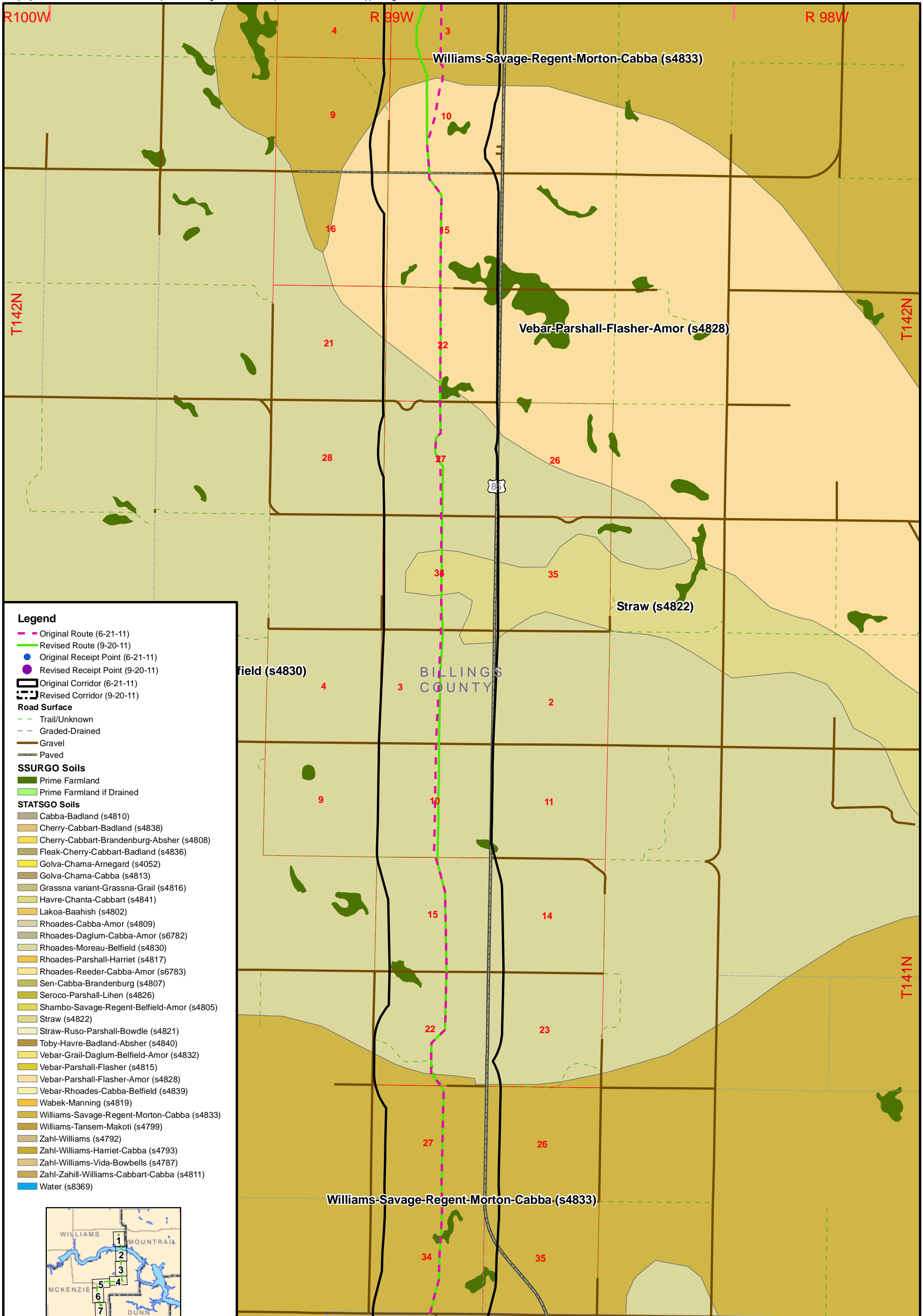


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 0 2,000 4,000 Feet

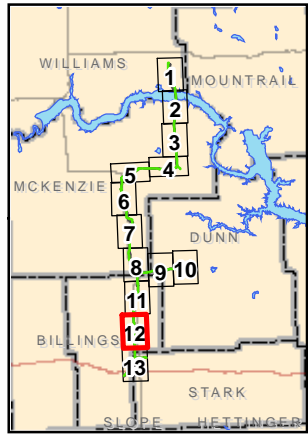


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**Appendix D
 Figure 11
 Soils Classification**



- Legend**
- Original Route (6-21-11)
 - Revised Route (9-20-11)
 - Original Receipt Point (6-21-11)
 - Revised Receipt Point (9-20-11)
 - Original Corridor (6-21-11)
 - Revised Corridor (9-20-11)
- Road Surface**
- Trail/Unknown
 - Graded-Drained
 - Gravel
 - Paved
- SSURGO Soils**
- Prime Farmland
 - Prime Farmland if Drained
- STATSGO Soils**
- Cabba-Badland (s4810)
 - Cherry-Cabbart-Badland (s4838)
 - Cherry-Cabbart-Brandenburg-Absher (s4808)
 - Fleak-Cherry-Cabbart-Badland (s4836)
 - Golva-Chama-Arnegard (s4052)
 - Golva-Chama-Cabba (s4813)
 - Grassna variant-Grassna-Grail (s4816)
 - Havre-Chanta-Cabbart (s4841)
 - Lakoa-Baahish (s4802)
 - Rhoades-Cabba-Amor (s4809)
 - Rhoades-Daglum-Cabba-Amor (s6782)
 - Rhoades-Moreau-Belfield (s4830)
 - Rhoades-Parshall-Harriet (s4817)
 - Rhoades-Reeder-Cabba-Amor (s6783)
 - Sen-Cabba-Brandenburg (s4807)
 - Seroco-Parshall-Lihen (s4826)
 - Shambo-Savage-Regent-Belfield-Amor (s4805)
 - Straw (s4822)
 - Straw-Ruso-Parshall-Bowdle (s4821)
 - Toby-Havre-Badland-Absher (s4840)
 - Vebar-Grail-Daglum-Belfield-Amor (s4832)
 - Vebar-Parshall-Flasher (s4815)
 - Vebar-Parshall-Flasher-Amor (s4828)
 - Vebar-Rhoades-Cabba-Belfield (s4839)
 - Wabek-Manning (s4819)
 - Williams-Savage-Regent-Morton-Cabba (s4833)
 - Williams-Tansem-Makoti (s4799)
 - Zahl-Williams (s4792)
 - Zahl-Williams-Harriet-Cabba (s4793)
 - Zahl-Williams-Vida-Bowbells (s4787)
 - Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
 - Water (s8369)



1:48,000
 1 inch = 4,000 feet
 0 2,000 4,000 Feet

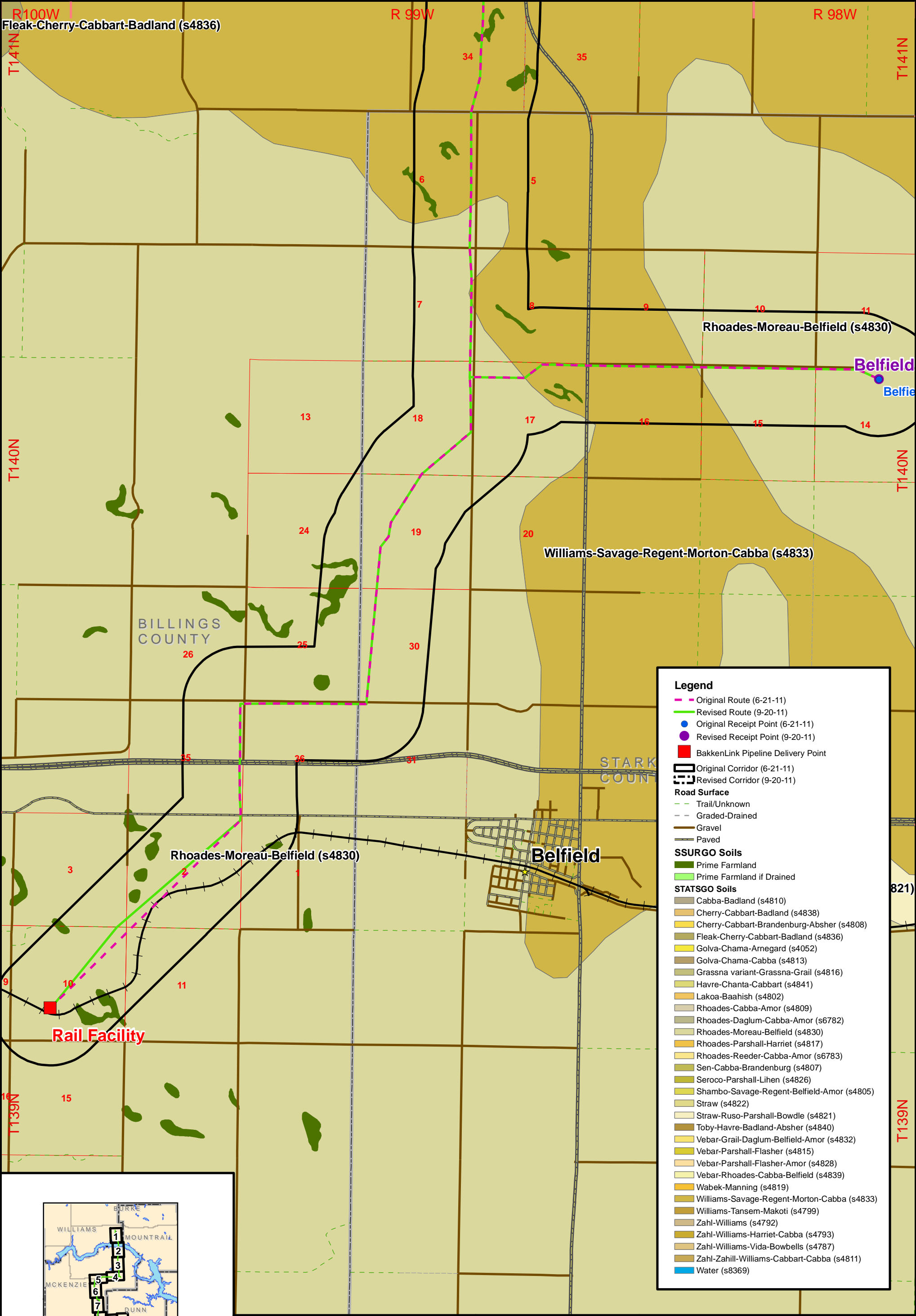
Base Data: USGS STATSGO and SSURGO Soil datasets



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Date: September 2011 Rev: 02

**Appendix D
 Figure 12
 Soils Classification**



Legend

- Original Route (6-21-11)
- Revised Route (9-20-11)
- Original Receipt Point (6-21-11)
- Revised Receipt Point (9-20-11)
- BakkenLink Pipeline Delivery Point
- Original Corridor (6-21-11)
- Revised Corridor (9-20-11)

Road Surface

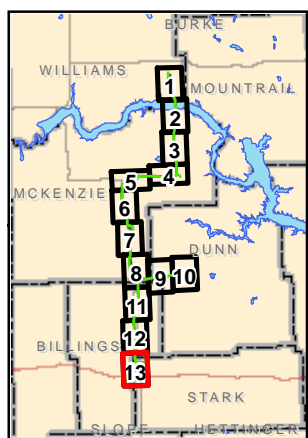
- Trail/Unknown
- Graded-Drained
- Gravel
- Paved

SSURGO Soils

- Prime Farmland
- Prime Farmland if Drained

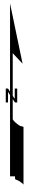
STATSGO Soils

- Cabba-Badland (s4810)
- Cherry-Cabbart-Badland (s4838)
- Cherry-Cabbart-Brandenburg-Absher (s4808)
- Fleak-Cherry-Cabbart-Badland (s4836)
- Golva-Chama-Arnegard (s4052)
- Golva-Chama-Cabba (s4813)
- Grassna variant-Grassna-Grail (s4816)
- Havre-Chanta-Cabbart (s4841)
- Lakoa-Baahish (s4802)
- Rhoades-Cabba-Amor (s4809)
- Rhoades-Daglum-Cabba-Amor (s6782)
- Rhoades-Moreau-Belfield (s4830)
- Rhoades-Parshall-Harriet (s4817)
- Rhoades-Reeder-Cabba-Amor (s6783)
- Sen-Cabba-Brandenburg (s4807)
- Seroco-Parshall-Lihen (s4826)
- Shambo-Savage-Regent-Belfield-Amor (s4805)
- Straw (s4822)
- Straw-Ruso-Parshall-Bowdle (s4821)
- Toby-Havre-Badland-Absher (s4840)
- Vebar-Grail-Daglum-Belfield-Amor (s4832)
- Vebar-Parshall-Flasher (s4815)
- Vebar-Parshall-Flasher-Amor (s4828)
- Vebar-Rhoades-Cabba-Belfield (s4839)
- Wabek-Manning (s4819)
- Williams-Savage-Regent-Morton-Cabba (s4833)
- Williams-Tansem-Makoti (s4799)
- Zahl-Williams (s4792)
- Zahl-Williams-Harriet-Cabba (s4793)
- Zahl-Williams-Vida-Bowbells (s4787)
- Zahl-Zahill-Williams-Cabbart-Cabba (s4811)
- Water (s8369)



1:48,000
 1 inch = 4,000 feet
 0 2,000 4,000 Feet

Base Data: USGS STATSGO and SSURGO Soil datasets



BakkenLink Pipeline LLC

Date: September 2011 Rev: 02

**Appendix D
 Figure 13
 Soils Classification**