



The Great Trinity Forest Management Plan

Volume 3

Forest Management Operations by Unit

GREAT TRINITY FOREST

Forest Management Operations By Unit

Volume 3

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Restoration Guidelines

An outline of the management procedures for the Great Trinity Forest

Summary

The following information is intended as a guide for restoring areas of the Great Trinity Forest to a more desirable species composition in order to improve wildlife habitat. It is advised that a professional forester, at the time of planting, make the decision as to the location and methods used on a particular site. Typically, plantings should be conducted in areas ranging from two to five acres in size to ensure adequate light for young seedlings. These openings should be made in the fall prior to planting through the use of herbicides that are either injected, or applied as a basal or foliar spray, depending on the species and size of the vegetation (See Forest Herbicides Section). Overstory species from the attached tree species list should be planted on a 10 X 10 foot spacing across the 2 to 5 acre opening to achieve a density of approximately 430 trees per acre. The planting operation should be inspected at the time of planting and for the following two years to monitor the success of the planting. Understory species can be planted within each stand after canopy closure has occurred.

Objective and Result

The overall objective of restoration efforts and planting is to improve forest structure and diversity to a level that meets the needs of the public and increases the quality of habitat for wildlife. The proposed methodology satisfies these objectives by increasing all of the following:

1. tree species diversity,
2. variability in both forest structure and age classes at the landscape level,
3. abundance of standing snags in the forest,
4. amount of woody debris on the forest floor,
5. abundance and diversity of understory vegetation.

PLANTING GUIDELINES

Protocol for Planting within the Great Trinity Forest

CITY OF DALLAS “MANAGEMENT UNITS”

1. Site Selection
2. Site Preparation
3. Planting
4. Monitoring
5. Future Stand Maintenance
6. Planting Understory Species

UNITED STATES ARMY CORPS OF ENGINEERS (USACE) “MITIGATION UNITS”

1. Site Selection
2. Site Preparation
3. Planting
4. Monitoring
5. Future Stand Maintenance
6. Planting Understory Species

CITY OF DALLAS “MANAGEMENT UNITS”

Site Selection

Sites for upcoming year’s restoration efforts should be identified early each year by referencing the appropriate year in the forest management plan. Each year an average of 40 acres will be treated with herbicides and planted. Once these areas are identified they should be inspected by a forester who delineates the boundaries of the stand and makes the final silvicultural recommendations. While on-site, the forester should note varying areas of elevation such as backwater sloughs and hummocks. The forester should also conduct a walkthrough of the area, possibly flagging off desirable trees to retain or areas of preexisting desirable regeneration. Adjustments to the prescribed planting mix can be made at this time based on the site’s topography and hydrology.

It also should be noted that as soon as the number of seedlings of each species needed is determined the seedling order should be placed with the nursery, preferably in January.

Site Preparation

In late summer to early fall, herbicides should be applied to all undesirable trees and shrubs within the stands that are identified earlier in the year. Trees greater than 2 inches in diameter should be injected

with Arsenal AC, and trees less than 2 inches in diameter should receive a basal bark treatment of Pathfinder II. Any undesirable shrubs or trees that can receive a thorough foliar spray (less than 6 feet tall) can be treated with a glyphosate such as ACCORD. Care should be taken to preserve any desirable advanced regeneration or overstory trees.

Planting

Planting should be conducted while seedlings are dormant, preferably late winter to early spring. Seedlings should be stored in a cool environment away from direct sunlight and planted as soon as possible after being acquired. Appendix A and B describe seedling care in further detail.

A list of species recommended for planting is available in Table 1. Seedlings should be 1-0 bare root seedlings or small container seedlings (i.e., 10 cubic inch) purchased from a forest tree nursery company. Bare root seedlings should have a minimum root collar diameter (RCD) of 3/8 inch and be at least 18 inches tall. Container seedlings should have a minimum RCD of ¼ inch and be at least 18 inches tall. Both stock types can be planted by hand using the compression technique with a planting shovel. The use of a planting shovel is recommended instead of using a planting bar. Hoe-dads should not be used.

Table 1. Native tree species planting list for the Great Trinity Forest Project.

Common Name	Scientific Name	Flood Tolerance	Shade Tolerance	Waterfowl Food	Deer / Turkey Food	Neotropical Migrant Suitability
<u>Floodplain Overstory Species</u>						
bur oak	<i>Quercus macrocarpa</i>	Weakly Tol.	Weakly Tol.	Low	High	Unknown
shumard oak	<i>Quercus shumardii</i>	Weakly Tol.	Intolerant	Medium	High	Unknown
pecan	<i>Carya illinoensis</i>	Weakly Tol.	Mod. Tol.	High	High	Unknown
black walnut	<i>Juglans nigra</i>	Weakly Tol.	Intolerant	Low	Low	Unknown
persimmon	<i>Diospyros virginiana</i>	Mod. Tol.	Very Tol.	Low	High	Unknown
<u>Floodplain Understory Species</u>						
Mexican plum	<i>Prunus mexicana</i>	Weakly Tol.?	Tolerant?	Low?	Low?	High?
red mulberry	<i>Moras rubra</i>	Weakly Tol.	Tolerant	Low	Medium	High
roughleaf dogwood	<i>Cornus drummondii</i>	Tolerant	Tolerant	Low	High	High
<u>Species to Consider on Mesic Sites</u>						
chinkapin oak	<i>Quercus muhlenbergii</i>	Intolerant	Intolerant	Low	High	Unknown
blackjack oak	<i>Quercus marilandica</i>	Intolerant	Intolerant	Low	High	Unknown
post oak	<i>Quercus stellata</i>	Intolerant	Intolerant	Low	High	Unknown

Larger containerized saplings (3 to 5 gallon) can optionally be planted at a density of 15 trees per acre. The planting hole for containerized seedlings should, at a minimum, be twice the diameter of the root ball and have a depth equal to the length from the root collar to the bottom of the root ball. The sides of the planting hole should be scarified.

Seedling specification should be clearly stated in any purchasing contract. It is desired that the seed source for the seedlings be local, but at a minimum the seed source should be from the Western Gulf Coastal Plain region.

Seedlings should be planted on a 10 X 10 foot spacing, if possible, to achieve a density of approximately 430 seedlings per acre. If the 10 X 10 foot spacing is not feasible, seedlings should be located in natural openings or openings created by the herbicide application. It is acceptable to deviate from the 10 X 10 foot spacing in order to achieve the stocking goal of 430 seedlings per acre. Individual species should be located in areas where they are best suited based on shade and flooding tolerance. In general, more flood tolerant species can be planted throughout the planting location. Pecan, shumard oak, and black walnut should be planted on ridges or higher areas. Sites that are particularly mesic can have some of the species recommended in Table 1 for mesic sites added to the planting mix. If the site appears to be too wet for species such as shumard oak or black walnut, their numbers should be significantly reduced in the planting mix or eliminated altogether. Some areas within the planting area could be unfavorable for any species and should be excluded from planting. This type of information should be gathered during the site selection and stand inspection process mentioned earlier. For homogenous sites where 10 X 10 foot spacing can be used Table 2 contains the recommended planting mix. Following the planting operation, the forester should record a detailed description of each site's prescription.

Table 2. Seedling mix for floodplain sites where topography and hydrology are not an issue.

Common Name	Scientific	Per Acre Planting Rates	
		Management Units	Mitigation Units
black walnut	<i>Juglans nigra</i>	43	21
bur oak	<i>Quercus macrocarpa</i>	108	54
shumard oak	<i>Quercus shumardii</i>	86	43
pecan	<i>Carya illinoensis</i>	107	53
common persimmon	<i>Diospyrus virginiana</i>	86	43

Monitoring Seedling Survival

An inspection should be made following the planting operation to ensure it was conducted appropriately and meets the forester's expectations. At this time, three survival plots of 1/100th acre (11.8 foot radius) should be installed and marked with GPS in each individual stand using rebar covered with a length of white PVC pipe so that the same location and seedlings can be monitored through the future. These plots will be revisited for the following two years to precisely monitor the mortality rate. If three plots are installed in each stand, a typical year would require that 48 plots be installed, 48

revisited after one year, and 48 revisited during the second year to monitor survival. Plot markers should be removed at the end of the monitoring period and can be reused elsewhere.

High mortality can be expected on plantings within the floodplain. Should survival be less than 30% on a site it should be considered for replanting, but only after the site has been carefully reevaluated by a professional forester. If the reevaluation finds the site appropriate for replanting then the replanting should bring the seedling density up to 120 seedlings per acre. If it is found that only one species has failed, but seedling survival is still over 30%, nothing should be done. It should be noted that wildlife habitat will have been significantly enhanced even if only a small number of mast producers become established.

Future Stand Maintenance

Once a stand has been successfully established it should be left alone. It may be necessary to inspect the stand from time to time for pests and other damaging agents, but no physical management is necessary for the stand to develop and mature. After canopy closure the stand will enter into a stage of stem exclusion when trees will compete with one another for resources resulting in the death of weaker trees. At the time of canopy closure (10 to 15 years) an under planting of understory shrub and tree species may be conducted to further improve habitat and forest structure and diversity.

Planting Understory Species

The list of native planting species includes understory trees and shrubs. These should be planted under the canopy of fully established forest stands at a stocking level of 5 of each species per acre or a total of 15 shrubs per acre. The shrubs will significantly improve wildlife habitat, especially for neotropical migrant birds. Controlling invasive plants, such as Chinese privet, prior to planting will increase the chances of success for the understory plantings. As the shrubs are planted it may be necessary to mark them in such a way that they are not mistaken for unwanted plants and treated with herbicide in the future.

USACE "MITIGATION UNITS"

A number of stands have been selected and scheduled for optional habitat improvement operations. It is the intention of the Corps of Engineers to transfer management of the mitigation areas to the City of Dallas approximately 15 years after the initiation of their mitigation project. It has been assumed that this will occur in the year 2025. The Corps of Engineers will have established, at a minimum, 5 heavy mast producing trees per acre. Should it be decided to plant additional mast producers within the predetermined stands, the following is advised:

Site Selection

Inspect stands using the same method as mentioned earlier in the City of Dallas Management Unit section. Within mitigation stands it will be particularly important to create a field map of areas to receive a particular treatment due to each stand's large contiguous size (approx. 25 acres) and variation in silvicultural treatments across the stand.

Site Preparation

In late summer to early fall, apply herbicides to release preexisting desirable species from unwanted competition. Where no desirable species occur, and the site conditions permit, inject herbicides to create large openings in the forest canopy in which to plant trees on a 10 X 10 foot grid pattern.

Planting

Conduct planting operations in the same manner as mentioned before in the City of Dallas Management Unit section.

Monitoring Seedling Survival

Monitor seedling survival in the same manner as described in the City of Dallas Management Unit section.

Planting Understory Species

Planting understory species within mitigation stands could theoretically occur at any time provided that the understory species are located beneath the existing forest canopy and not in the created openings. For the purpose of planning and budgeting, though, the planting of understory species has been scheduled to occur 10 years after the initial habitat improvement operations.

HERBICIDE AND OVERSTORY REMOVAL GUIDELINES

Protocol for Applying Herbicides within the Great Trinity Forest

Key Points

Herbicides should only be applied by trained personnel and can only be purchased by a certified herbicide applicator. Anyone using herbicides should first consult the herbicide's label and material safety data sheet before handling and applying the herbicide. State of Texas Best Management (BMP) guidelines should be followed at all times when selecting trees for removal.

Time of Year

For optimal performance, the recommended herbicides should be applied during the fall. The fall is the recommended season since sap flow is low at this point allowing for greater effectiveness of the injected herbicides; which will be the primary method of application.

Application Methods

Herbicides will be applied using the following methods:

Injection (Hack and Squirt)

Trees > 2.5" DBH except legume species

Using a conventional or hypo hatchet, make one incision for every 3 inches of DBH. Incisions should be at a downward angle to hold the herbicide and be spaced evenly around the trunk of the tree. The incision need only to penetrate the bark and cambium. Apply 1 mL of 25% Arsenal AC solution (Using a squirt bottle if not using a hypo hatchet) into the incision so as to not allow it to run out. Preferably conduct injection work immediately before or after rainfall in order to prevent herbicides from being washed from the incisions.

Basal Bark

Trees < 2.5" DBH and all legume species

Using a backpack sprayer, thoroughly soak the lower 12 to 14 inches of the tree's base. Efforts should be made to minimize excess wasted herbicide by only applying enough without having runoff from the stem.

Foliar Spray

Plants less than 6 feet in height with leaves (Apply prior to fall change in leaf color)

Using a backpack sprayer, thoroughly wet all foliage of the plant with a 3% solution of glyphosate. This method is particularly useful on young sprouts and small trees and shrubs. When maintaining open areas or controlling exotic plants it may be necessary for an additional treatment the following year.

Treatment Guidelines

Through the use of the above mentioned methods, eliminate all undesirable competing vegetation. Glyphosate herbicides can be used to control brush and herbaceous plants that could impede the survival of planted trees. Individual trees of desirable species or character should be flagged to distinguish them as trees to receive treatment. Trees to retain can be selected based on the forester's choice.

Sensitive Areas

Riparian zones, trails, aesthetic zones, and other sensitive areas should be carefully considered when selecting trees for removal. It is important to remember that it is not necessary to remove all trees in an area to successfully establish seedlings in the understory. In riparian zones trees should be retained at a specific distance and stocking outlined in the Texas Best Management Practices handbook. Along trails and roadways the forester should consider leaving an aesthetic buffer of vegetation. Trees can be treated with herbicide in these areas, but it may not be necessary to remove the entire overstory. These areas should be reviewed on case by case basis by the forester.

Mitigation Management Stands

In mitigation stands desirable trees should be "released" from competing vegetation by herbicide application. In areas where no desirable species are present, large openings can be made by selecting groups of trees to remove. These openings should be large enough to ensure adequate light penetration to the forest floor to allow planted seedlings to survive and outcompete other vegetation.

Recommended Herbicides

For the purpose of this recommendation, branded herbicides are mentioned along with the corresponding active ingredient.

Arsenal AC (*imazapyr*)

Injection Applications

Arsenal AC is an imazapyr herbicide. Its mode of action is that of an enzyme inhibitor; it reduces the level of amino acids produced. Arsenal AC is labeled for a variety of uses and is one of the most popular forestry herbicides in use today. In the Trinity Forest it should be applied using the hack and squirt method. It is moderately mobile in the soil and therefore care should be taken not to spill or over-apply the product. When applying the product it should be mixed as a 25% solution and applied at a rate of 1mL of solution per incision. Incisions should be one for every 3 inches of diameter at breast height (DBH) and should be spread evenly around the tree at the same height. Incisions should be at a downward angle and completely penetrate the bark and cambium of the tree.

Pathfinder II (*triclopyr*)

Basal Bark Treatments

Pathfinder II is a pre-mixed blend of Garlon and oil. Its active ingredient, Triclopyr, works as an auxin inhibitor and generally allows the plant to grow itself to death. Pathfinder II has limited soil activity which makes it an excellent candidate for basal bark treatment. Since it is a premixed blend it would also be very convenient for applicators to use. It can be applied as a basal bark treatment anytime of the year provided there is no water or snow to prevent spraying to the ground line. The best method for applying this herbicide is at low volume with a backpack sprayer fitted with either a cone nozzle or a flat fan nozzle. The chemical should coat the entire stem and root collar from the ground to 12 to 14 inches up the tree. Pathfinder II should not be applied to the point of runoff, but only enough to allow a thorough coating. It can also be applied to freshly cut stumps. Pathfinder II should also be used to control legumes such as honeylocust and black locust; which are not controlled by Arsenal AC.

Accord (*Glyphosate*)

Foliar Spray

Glyphosates include the commonly known herbicide "Round-Up". Glyphosates are enzyme inhibitors much like Arsenal AC. In the Trinity Forest glyphosates should be used as a foliar spray. It would be most useful for applying on smaller shrubs such as young privet sprouts. The herbicide is best applied from a backpack sprayer as a 3% solution. It is important to thoroughly wet all leaves.

ANNUAL HABITAT AND AESTHETIC IMPROVEMENT GUIDELINES

Protocol for annual improvement work to occur along trails and roadsides of the Great Trinity Forest

Treatment Area

The annual budget allows for the maintenance of a 100 foot buffer surrounding trails and roadways. This area is to be maintained free of invasive plants and should have understory shrubs and trees reintroduced where they are absent. There are approximately 800-900 acres of this type that should be managed on a 300 acre per year three year rotation.

Herbicide Application

The objective of the herbicide application is to remove invasive plants and release desirable tree and shrub species from competition. Basal bark and foliar treatments should be the primary methods of applying herbicides. If trees are to be injected with herbicides, care should be taken to ensure that the trees will not pose a hazard to the public. Any undesirable large trees should be cut down if they could potentially endanger the public.

Understory Planting

Trees and shrubs can be planted into the understory at low densities in these areas. Approximately 15 trees or shrubs per acre added per acre would be appropriate. Any desirable tree and shrub species preexisting within the improvement buffer should be protected and released from competition.

Forest Operations By Unit

Description of forest units and their stands

This section includes descriptions of forestry related activities which will occur within each management unit and within each stand in the Great Trinity Forest.

Instructions for Using This Guide

Management Unit XXXX

Brief Description of the unit and planned activities.

DESCRIPTION

Management Unit XXXX is composed of the forest stands that in the year XXXX are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. The unit is composed of category "2" stands.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January XXXX

Prepare Stands with Herbicide – October XXXX

Plant Trees – December XXXX

Monitor – Fall XXXX & XXXX

Plant Shrubs – December XXXX

Monitor – Fall XXXX & XXXX

A list of unit activities and the recommended time of performance.

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance with the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made 10-15 years after tree planting and should be monitored in a similar fashion.

The time of year recommended for each operation should be carefully noted. Stands should be located and inspected early in the year to allow adequate time for considering the quantity of seedlings and herbicide to order and purchase. Because of this, January is listed as the starting month for stand layout.

October is the most effective time of year to perform the various types of herbicide treatments recommended. Herbicides are most effective at times of low sap flow and during the fall when nutrients are moving back into the root system, making the plant particularly susceptible to herbicides (See Herbicide Section for more details).

Trees and shrubs can be planted anytime from December through March, or when the seedlings are dormant. Optimal planting months are in the late winter, but in order to allow adequate time to plant each year's stands planting should begin in December.

Planted stands should be monitored at the conclusion of the first two growing seasons (end of summer through fall) to ensure adequate survival. If survival drops below 30%, reevaluate the stand to determine the cause of mortality. Should the forester decide to replant it should be to a minimum stocking level of 120 planted seedlings per acre.

Wilderness

DESCRIPTION

The term "Wilderness" refers to all areas of the Great Trinity Forest that will not receive active management operations during the 100-year planning cycle. It is approximately 3,400 acres of the forest.

STAND DATA

(See *Current Vegetation Descriptions* Section)

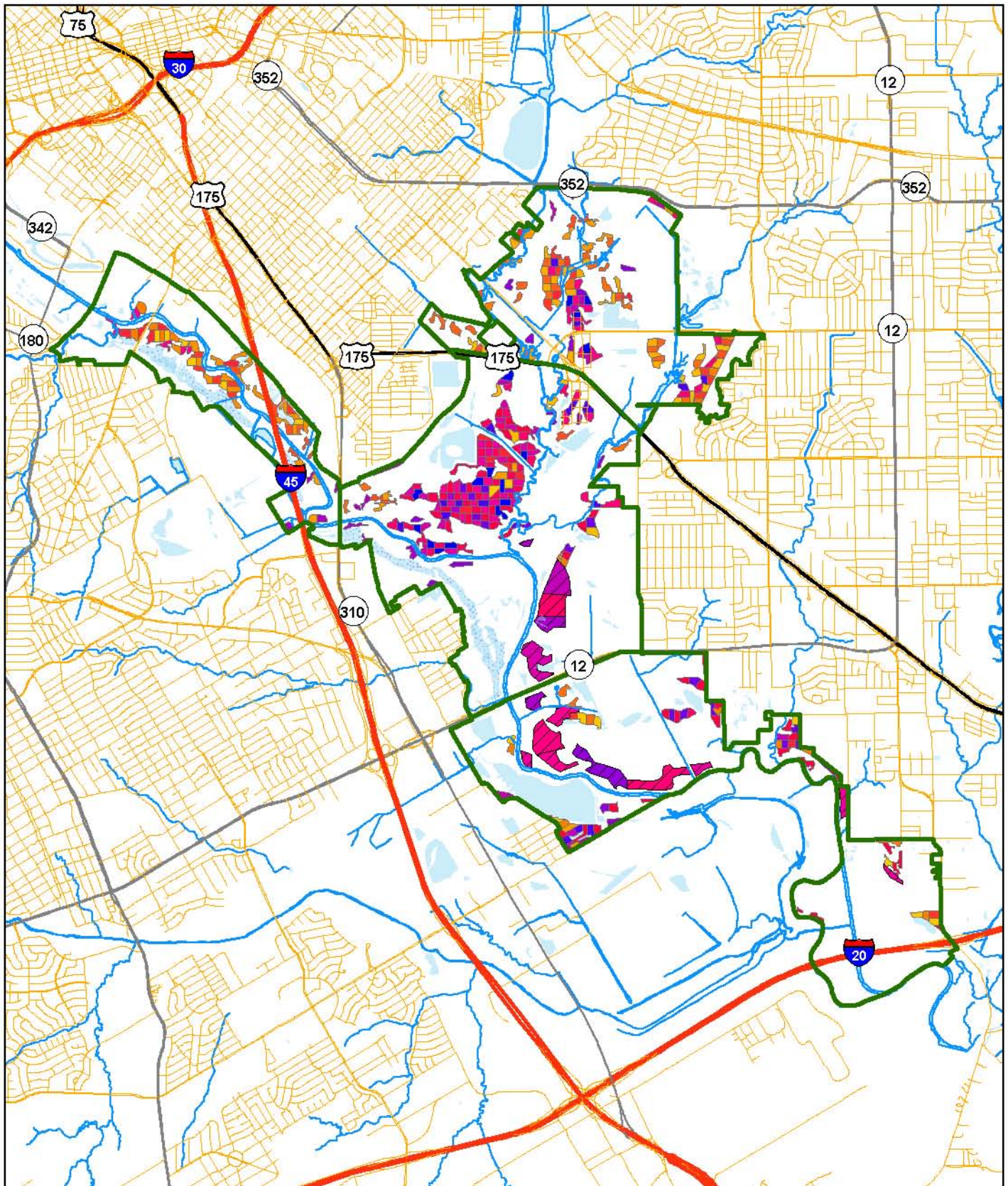
OPERATIONS

None planned.

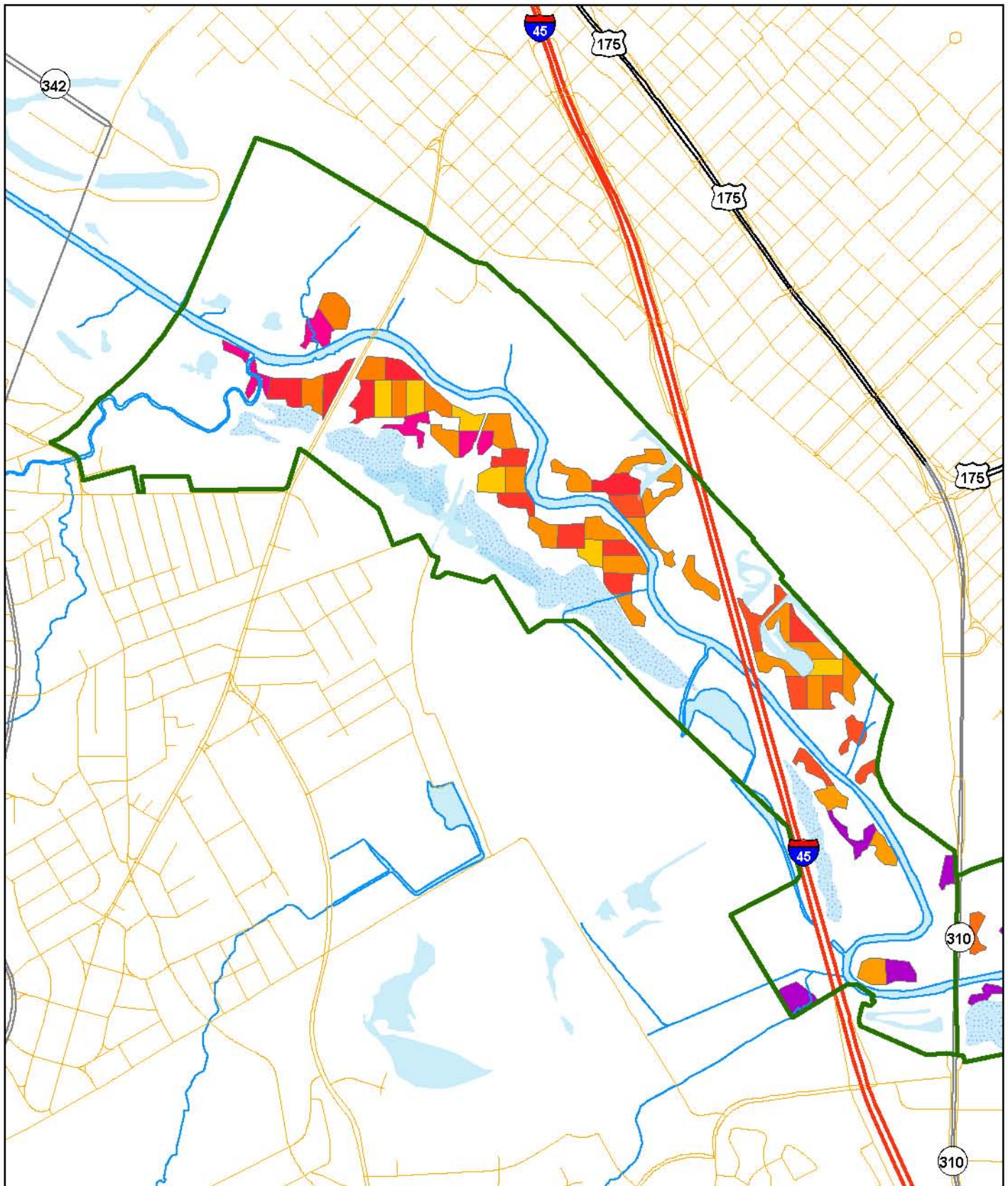
DETAIL

The wilderness area will largely grow untouched by forest management activities. While planting other management units, it is likely that there will be areas identified within the wilderness as potential management areas that were not included within the proposed management stands. Invasive plants such as privet should be controlled in key areas. Trees and shrubs could also be planted in areas identified by a forester.

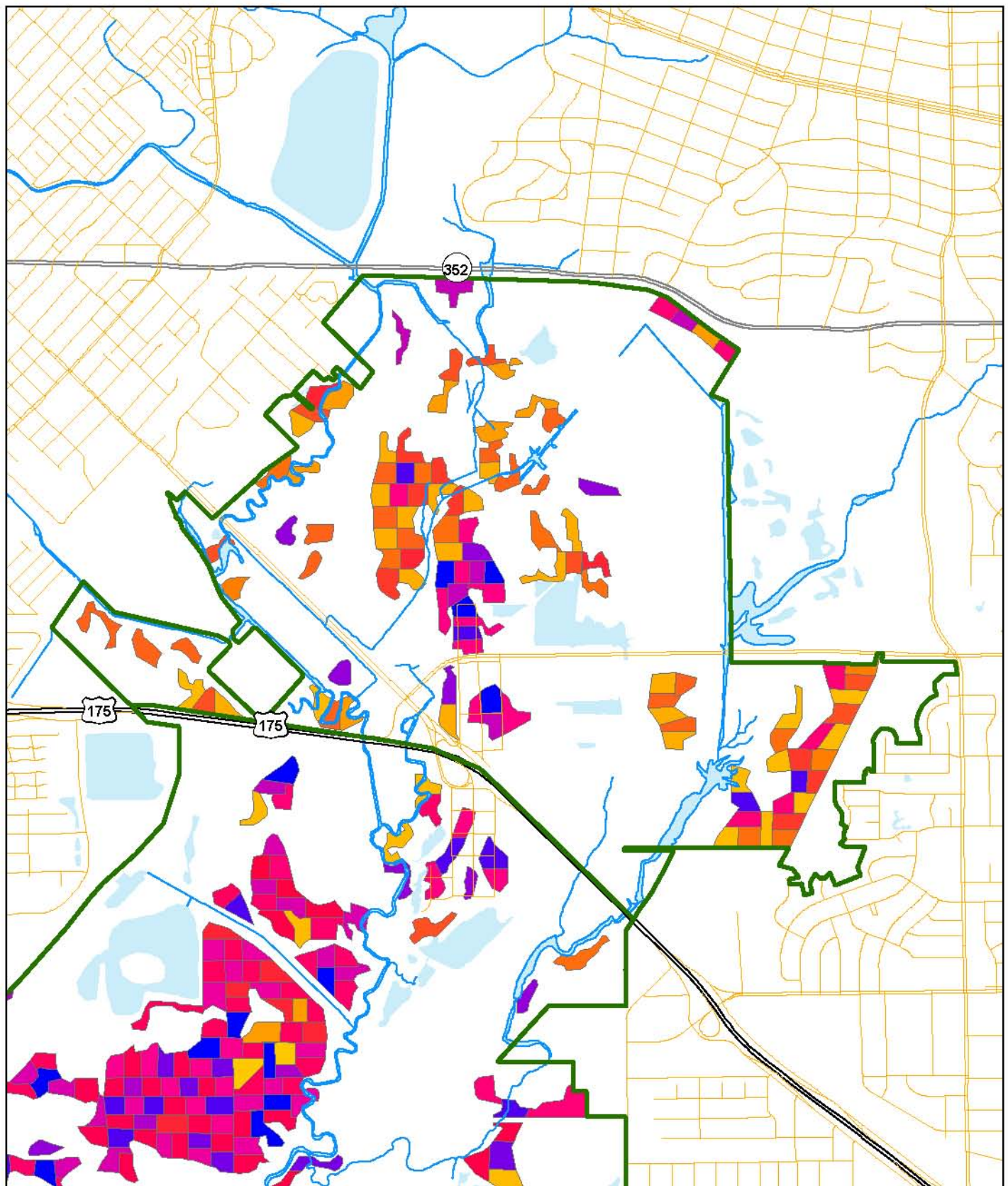
Forest Stands by Establishment Year - Overall



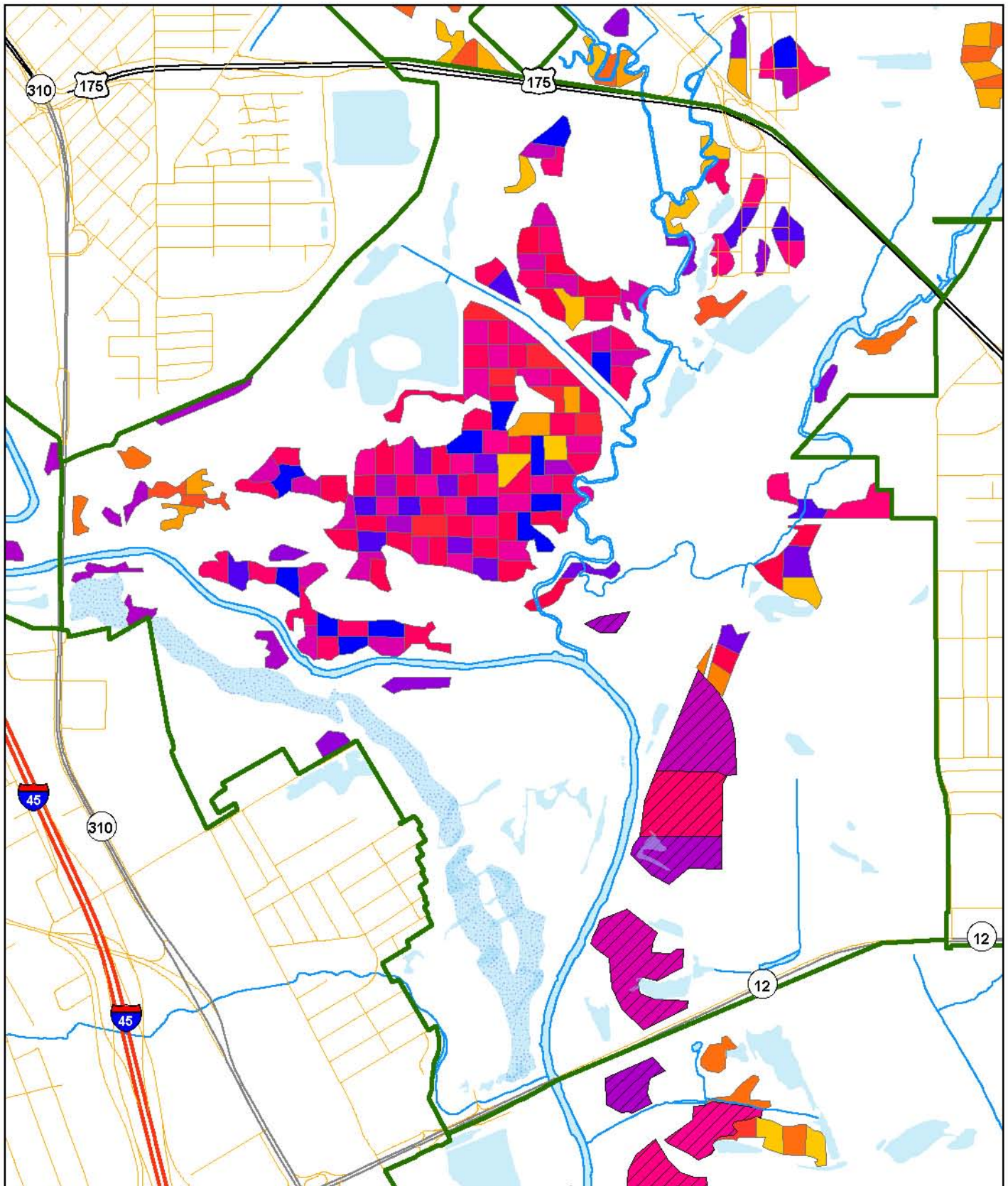
Forest Stands by Establishment Year - Sector 1



Forest Stands by Establishment Year - Sector 2



Forest Stands by Establishment Year - Sector 3



Year

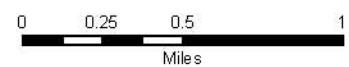
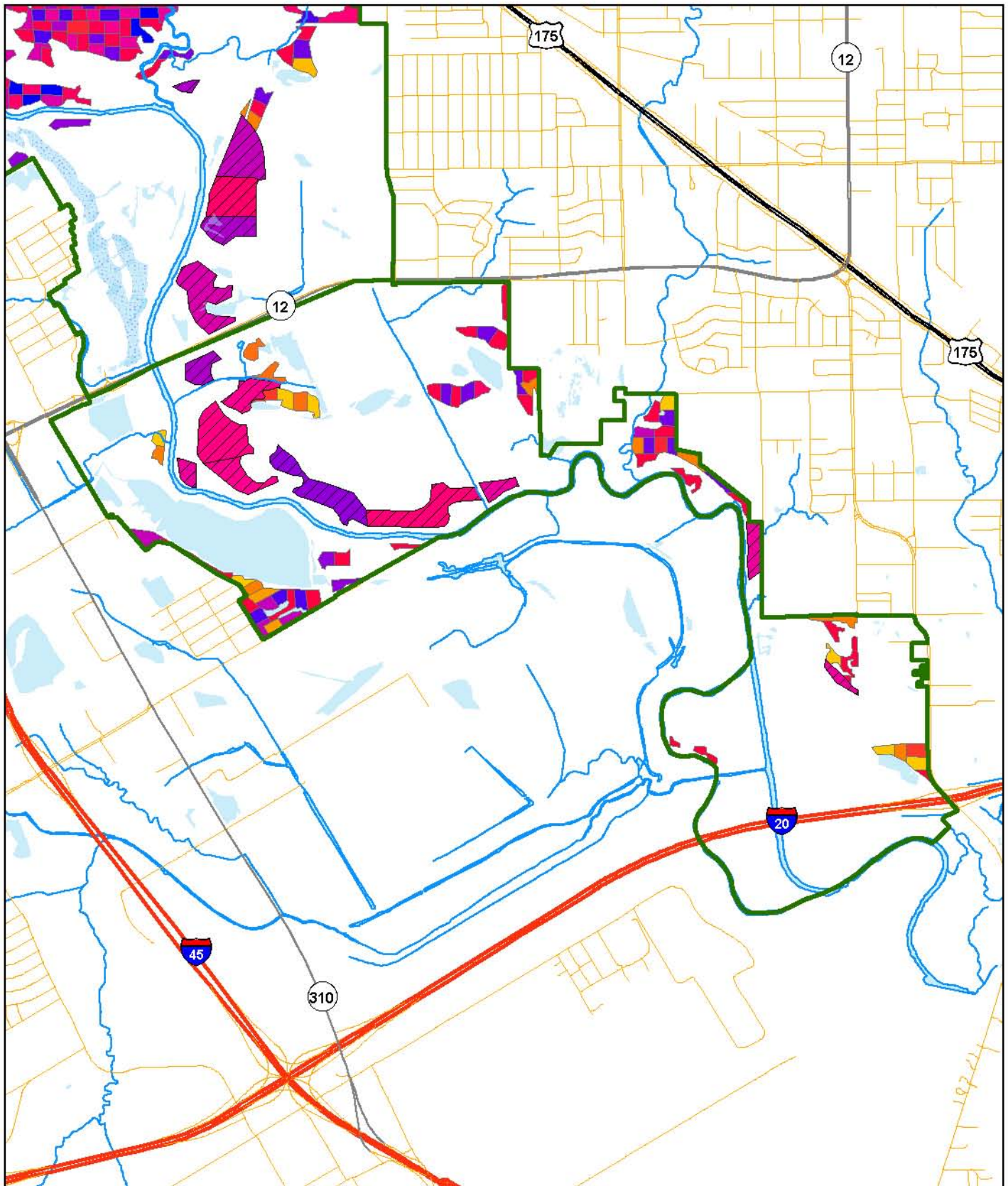
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Mitigation



0 0.25 0.5
Miles

Forest Stands by Establishment Year - Sector 4



Management Unit 2010

DESCRIPTION

Management Unit 2010 is composed of the forest stands that in the year 2010 are to undergo overstory removal by herbicide injection and be planted in accordance with the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2010

Prepare Stands with Herbicide – October 2010

Plant Trees – December 2010

Monitor – Fall 2011 & 2012

Plant Shrubs – December 2020

Monitor – Fall 2021 & 2022

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

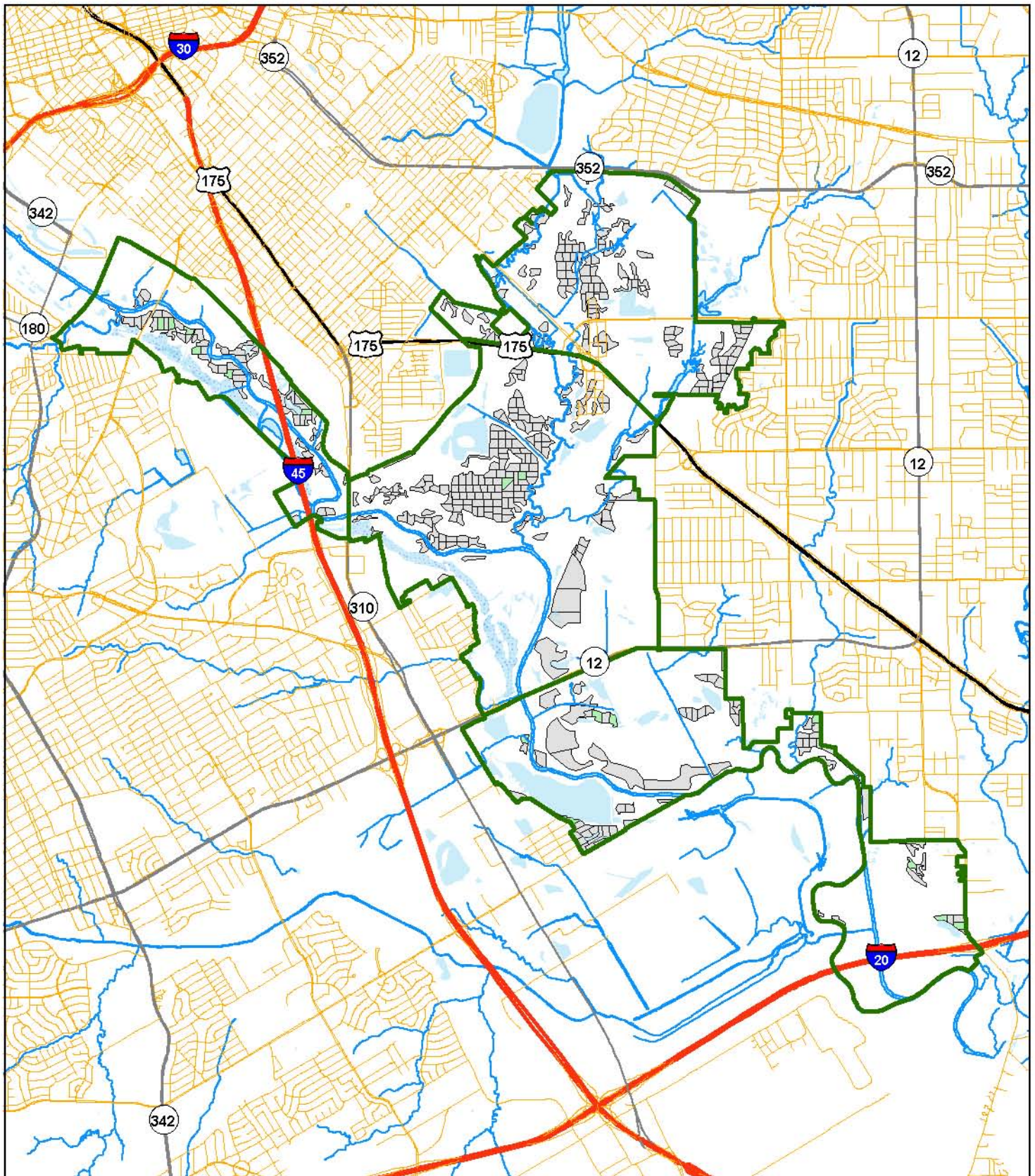
Management Unit 2010

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1262	1	1	2.6	-96.7825	32.7497
1266	1	1	2.5	-96.7811	32.7498
1269	1	1	2.0	-96.7788	32.7489
1273	1	1	2.7	-96.7778	32.7467
1279	1	1	2.1	-96.7735	32.7440
1299	1	1	2.0	-96.7635	32.7396
3351	3	1	2.6	-96.7353	32.7322
3356	3	1	3.6	-96.7373	32.7315
4019	4	1	2.1	-96.7354	32.7029
4094	4	1	2.2	-96.6810	32.6821
4105	4	1	3.3	-96.6785	32.6813
4106	4	1	2.2	-96.6848	32.6882
4111	4	1	3.0	-96.6969	32.7046
4129	4	1	3.2	-96.7259	32.7053
4130	4	1	2.9	-96.7238	32.7048
4140	4	1	2.0	-96.7294	32.6937
Total Acres:			41.0		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2010 - Overall

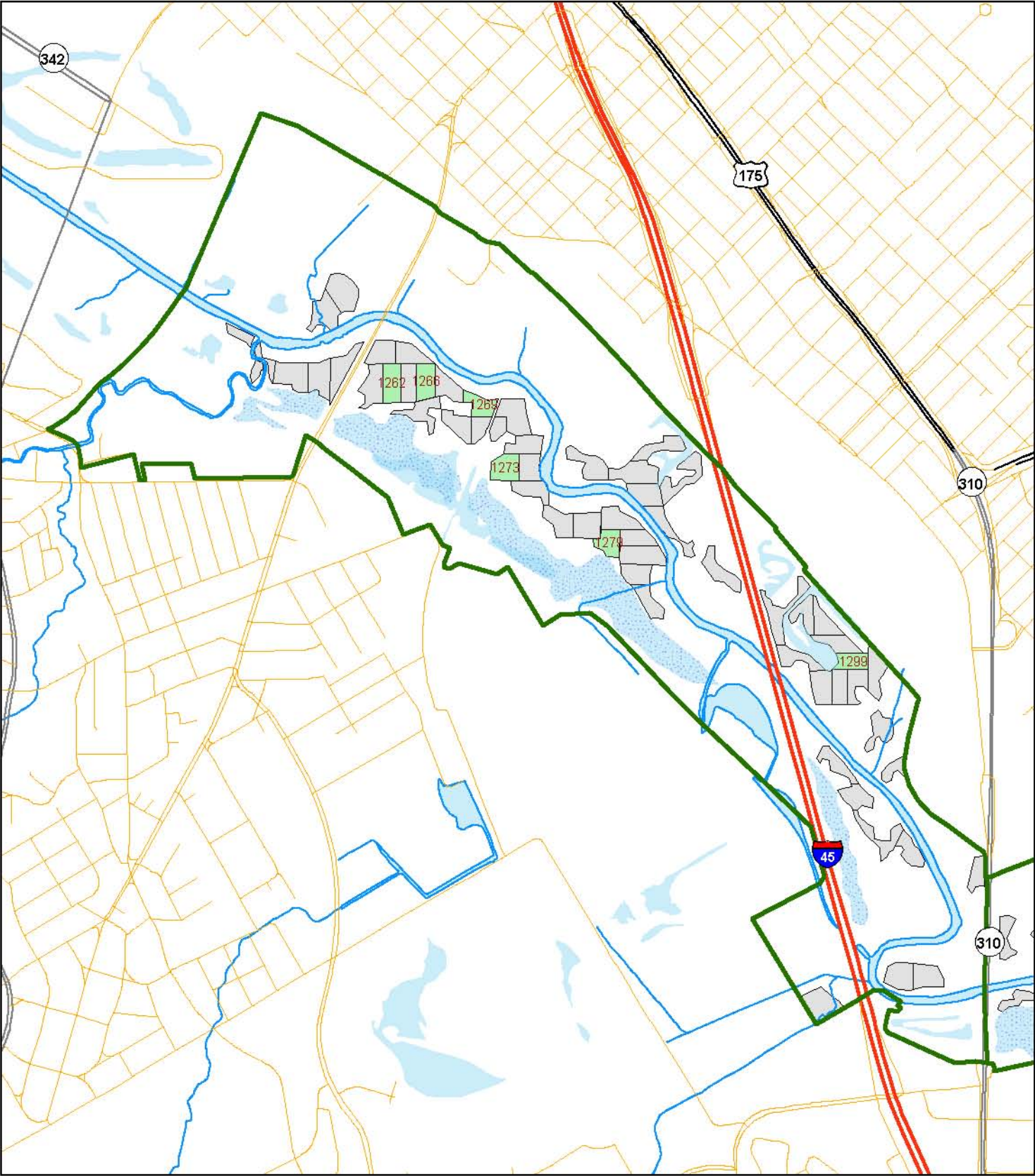


Stands

- Others
- Management Unit 2010



Management Unit 2010 - Sector 1

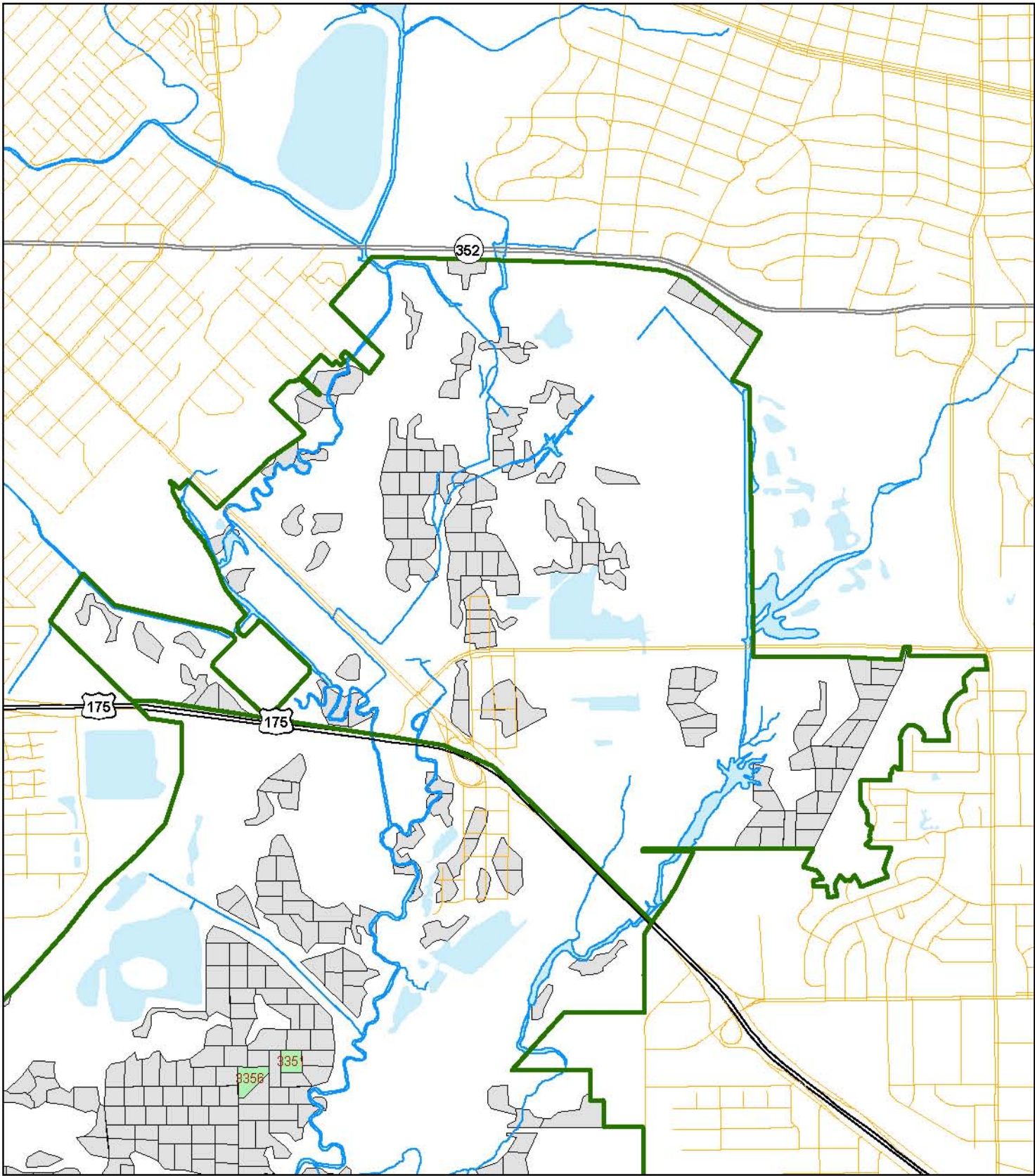


Stands
Others
Management Unit 2010



0 0.25 0.5
Miles

Management Unit 2010 - Sector 2

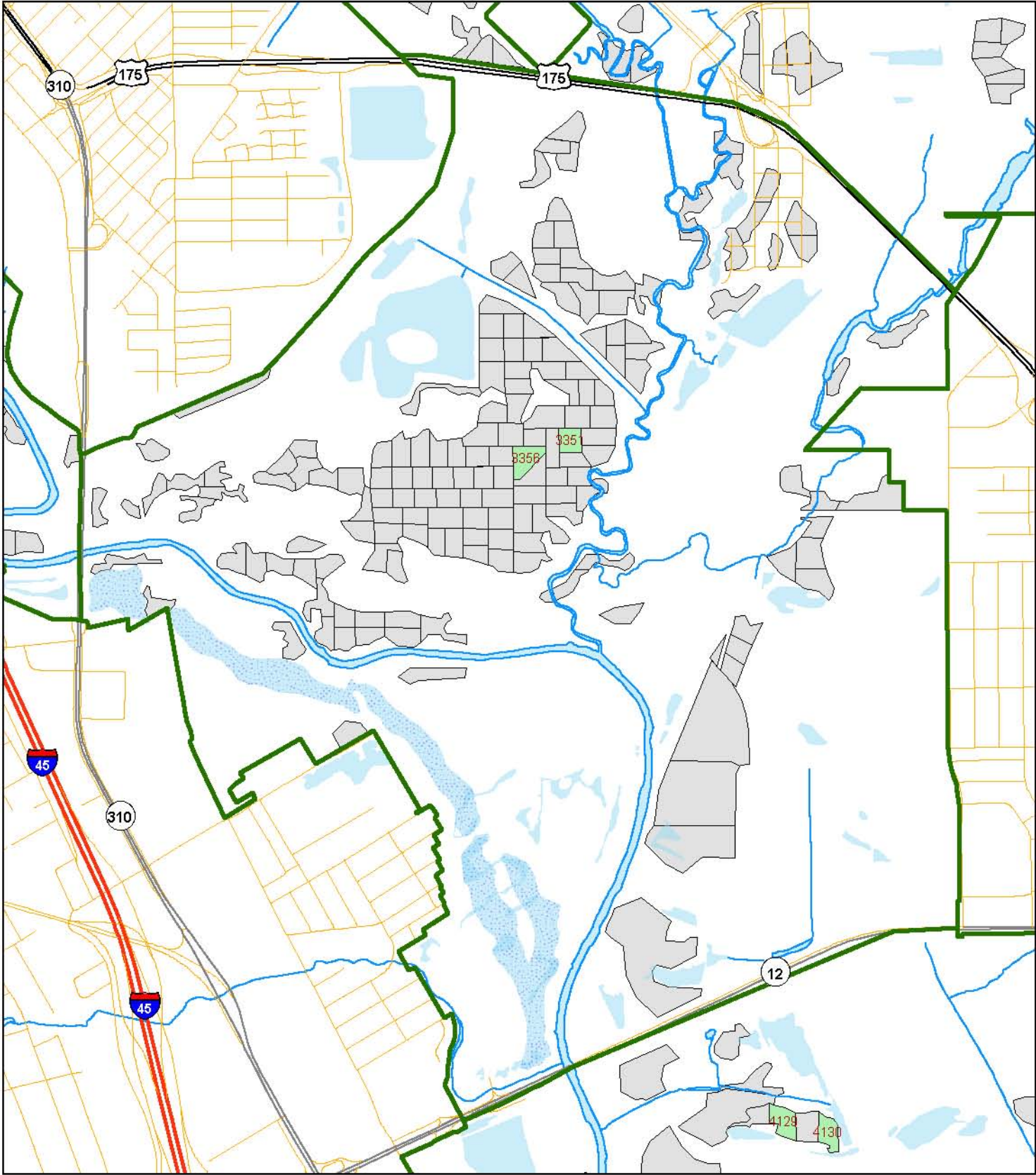


Stands
Others
Management Unit 2010



0 0.25 0.5
Miles

Management Unit 2010 - Sector 3

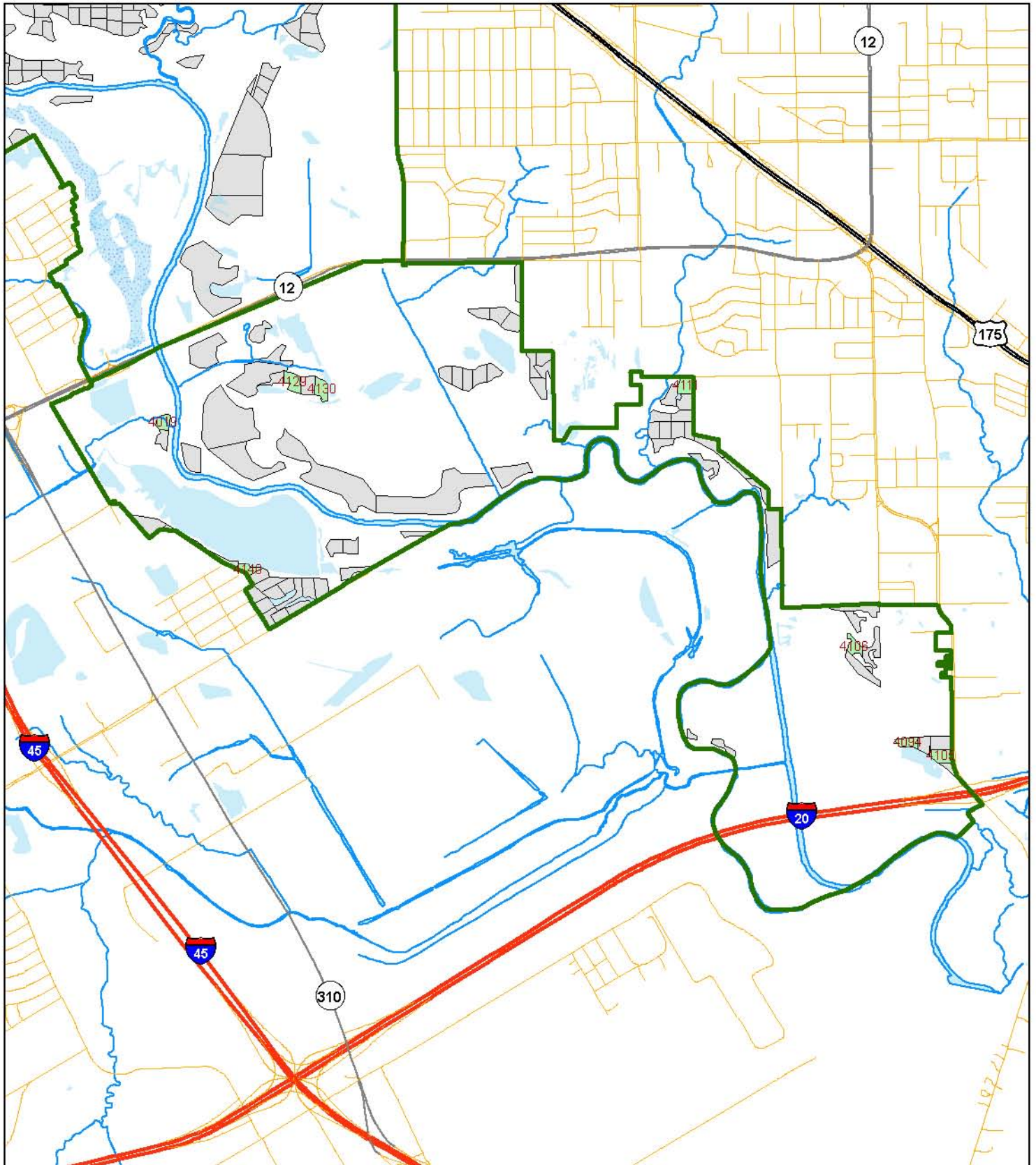


Stands
Others
Management Unit 2010



0 0.25 0.5
Miles

Management Unit 2010 - Sector 4



Stands

 Others

Management Unit 2010



Management Unit 2011

DESCRIPTION

Management Unit 2011 is composed of the forest stands that in the year 2011 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2011

Prepare Stands with Herbicide – October 2011

Plant Trees – December 2011

Monitor – Fall 2012 & 2013

Plant Shrubs – December 2021

Monitor – Fall 2022 & 2023

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

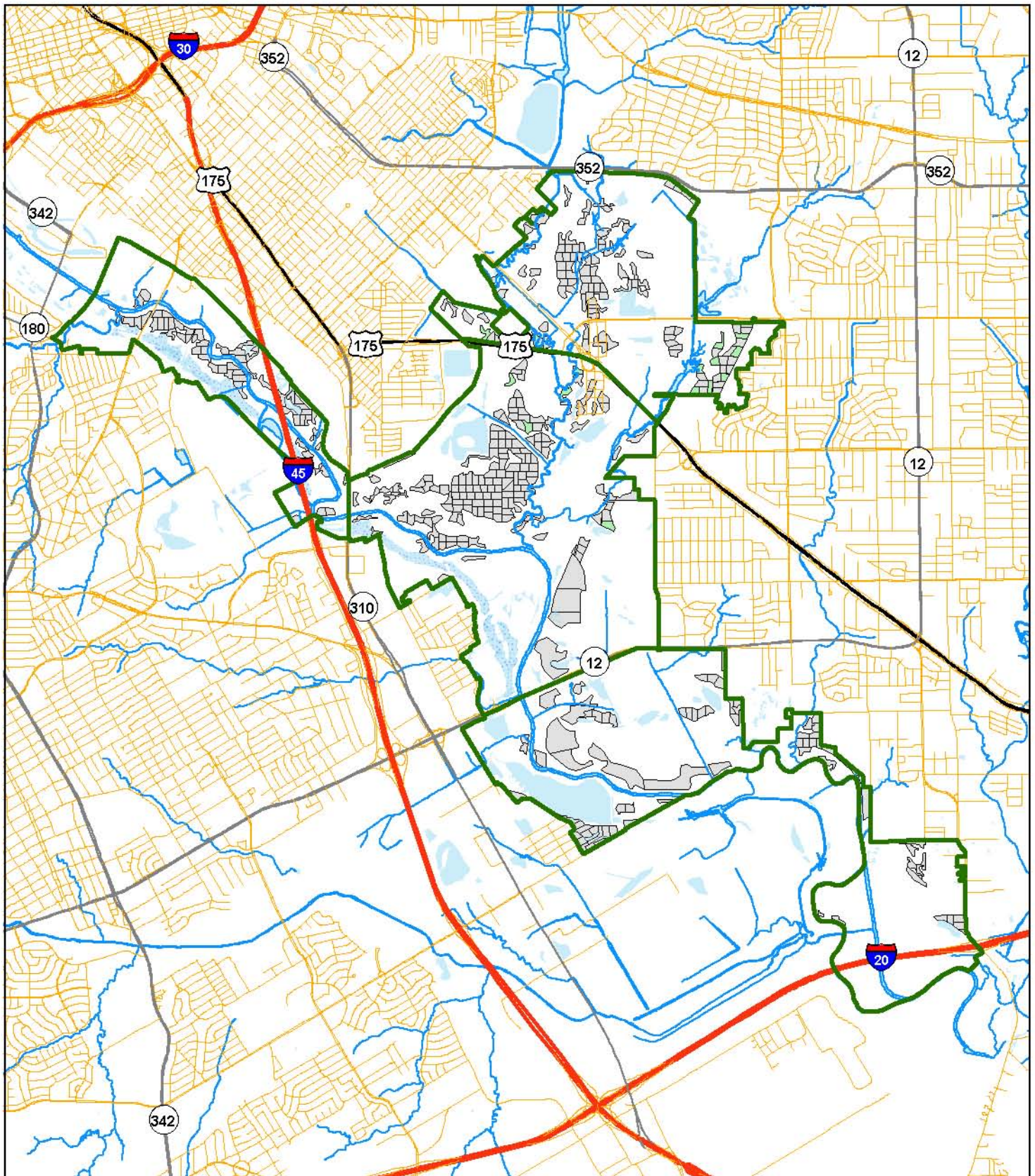
Management Unit 2011

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2052	2	1	2.9	-96.7395	32.7481
2091	2	2	2.1	-96.7331	32.7474
2156	2	1	2.2	-96.7084	32.7427
2157	2	1	2.7	-96.7088	32.7466
2160	2	1	2.9	-96.7067	32.7455
2163	2	1	2.1	-96.7116	32.7437
2164	2	1	2.6	-96.7123	32.7412
2165	2	1	2.5	-96.7103	32.7415
2169	2	1	2.4	-96.7096	32.7445
2174	2	1	2.7	-96.7060	32.7473
3060	3	1	3.2	-96.7293	32.7412
3063	3	1	3.1	-96.7344	32.7376
3152	3	1	3.7	-96.7240	32.7265
3237	3	1	2.4	-96.7365	32.7427
3247	3	1	2.4	-96.7278	32.7436
Total Acres:			39.9		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2011 - Overall

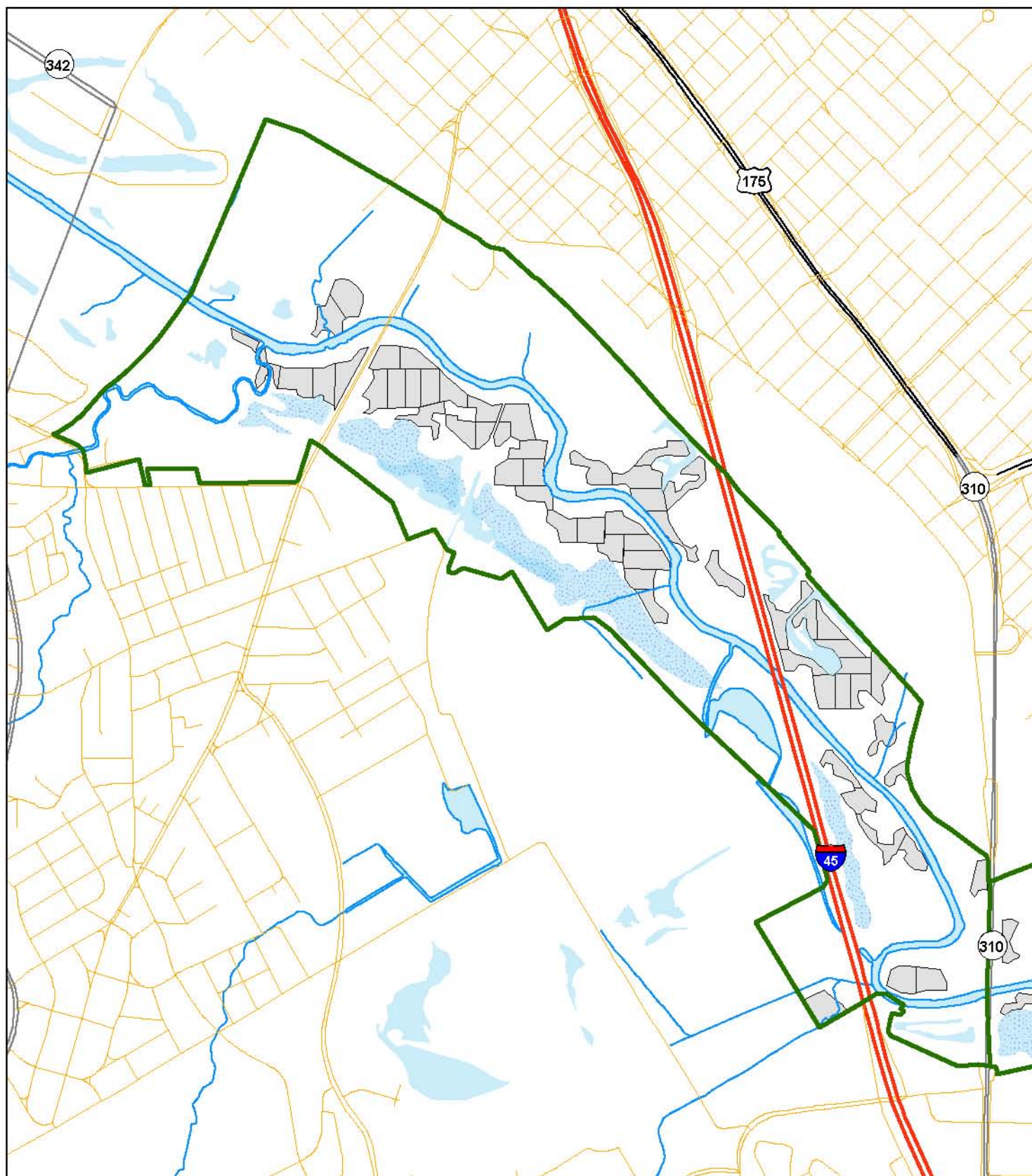


Stands

- Others
- Management Unit 2011

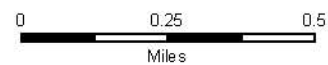


Management Unit 2011 - Sector 1

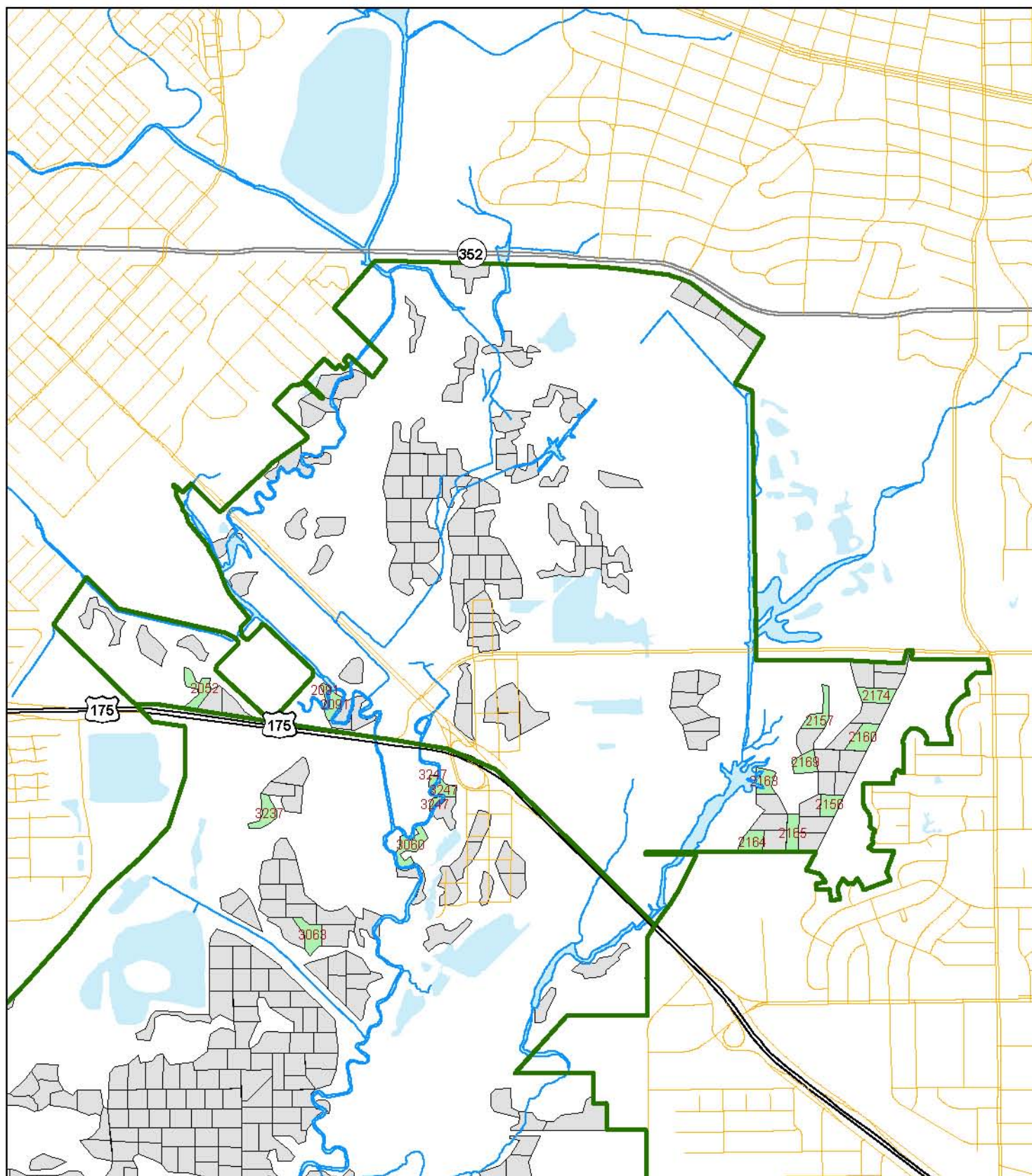


Stands

- Others
- Management Unit 2011



Management Unit 2011 - Sector 2



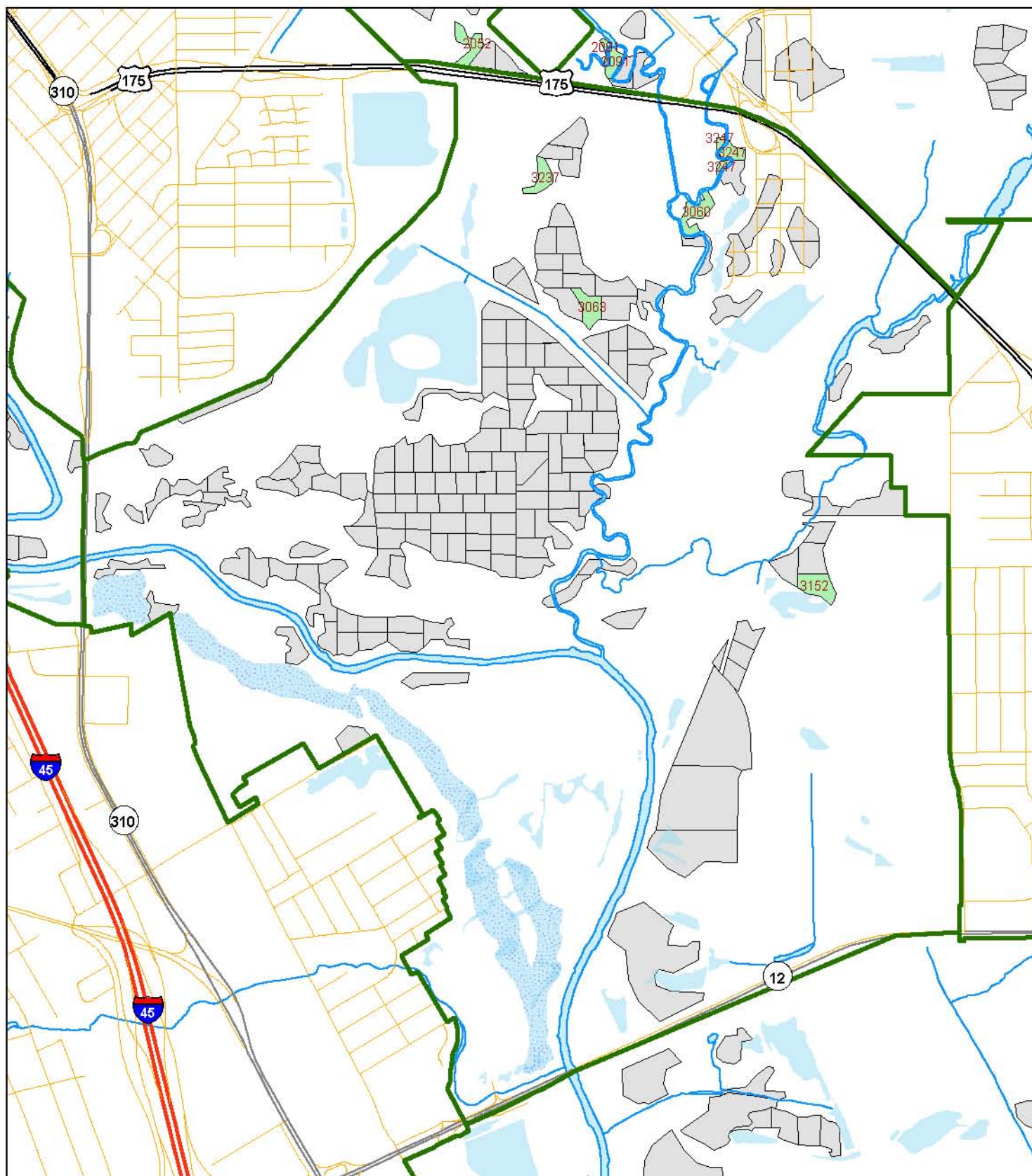
Stands

- Others
- Management Unit 2011



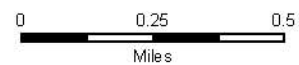
0 0.25 0.5
Miles

Management Unit 2011 - Sector 3

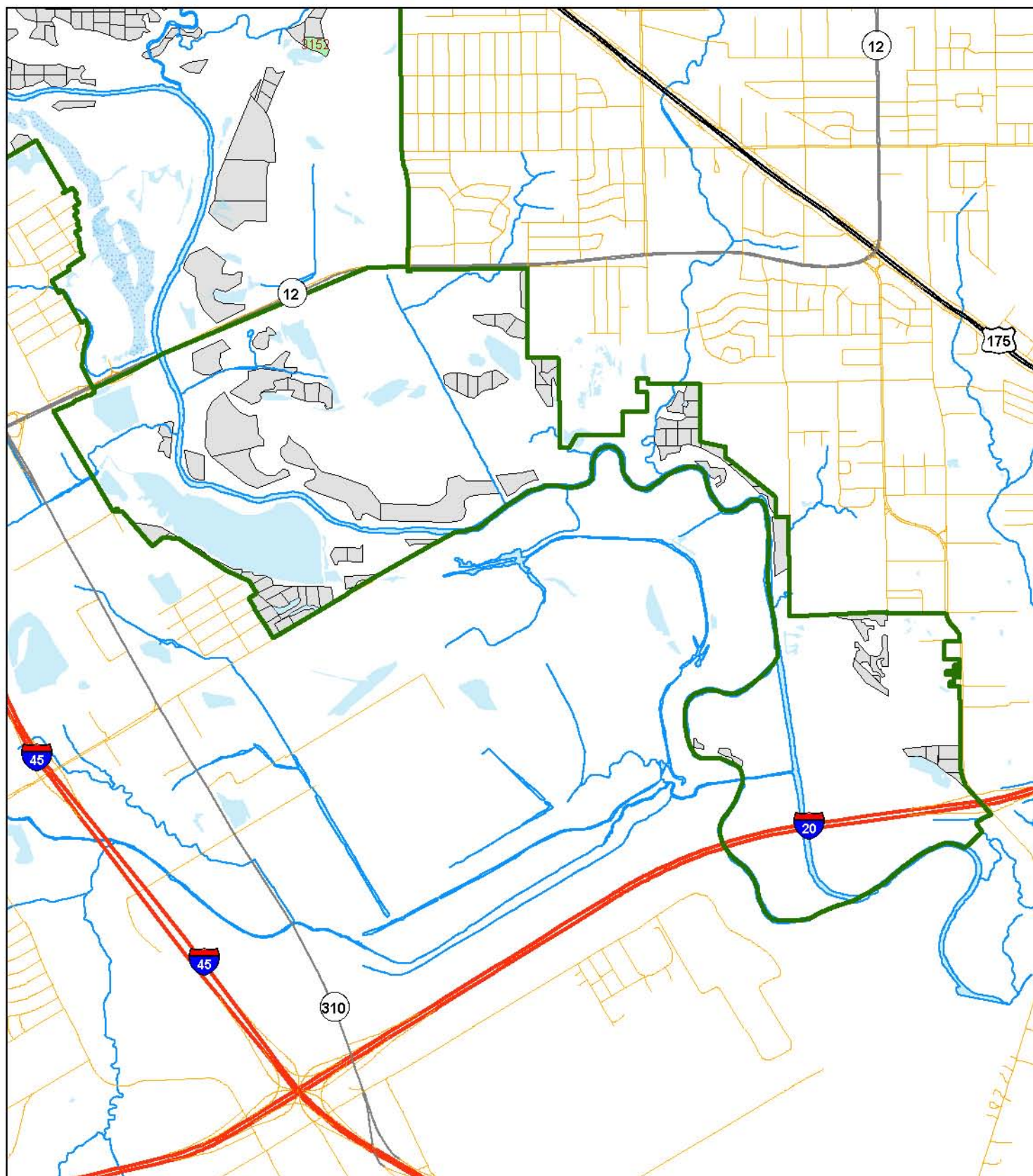


Stands

- Others
- Management Unit 2011

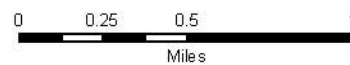


Management Unit 2011 - Sector 4



Stands

- Others
- Management Unit 2011



Management Unit 2012

DESCRIPTION

Management Unit 2012 is composed of the forest stands that in the year 2012 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2012

Prepare Stands with Herbicide – October 2012

Plant Trees – December 2012

Monitor – Fall 2013 & 2014

Plant Shrubs – December 2022

Monitor – Fall 2023 & 2024

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

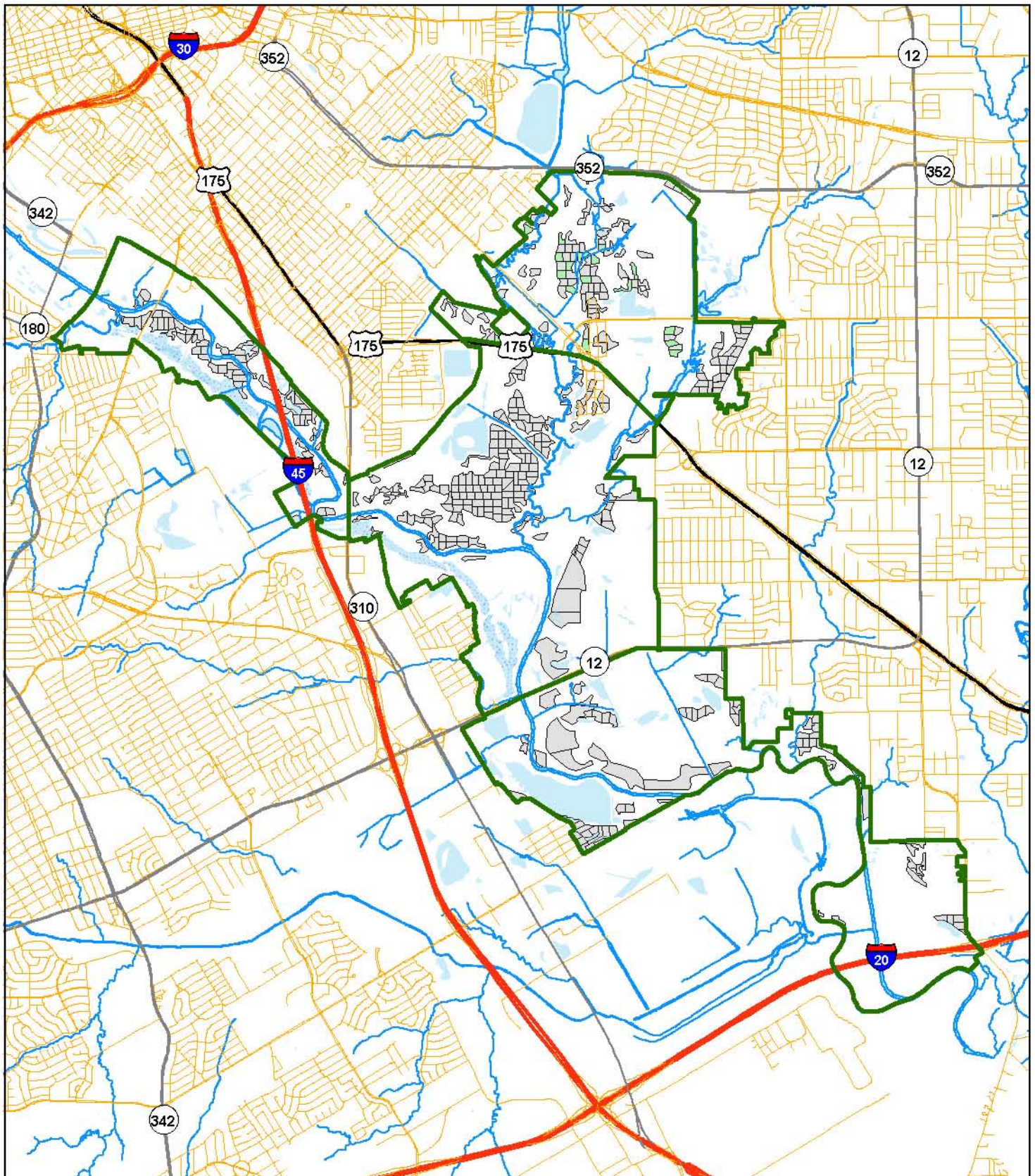
Management Unit 2012

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2030	2	1	2.8	-96.7155	32.7480
2043	2	1	2.5	-96.7269	32.7564
2051	2	1	2.7	-96.7265	32.7466
2179	2	1	2.4	-96.7153	32.7466
2180	2	1	2.4	-96.7149	32.7456
2191	2	1	2.1	-96.7242	32.7573
2194	2	1	2.3	-96.7339	32.7595
2197	2	1	2.5	-96.7200	32.7547
2198	2	1	2.9	-96.7207	32.7526
2212	2	1	2.7	-96.7264	32.7539
2217	2	1	2.2	-96.7252	32.7560
2218	2	1	2.3	-96.7283	32.7527
2223	2	1	2.6	-96.7296	32.7545
2225	2	1	2.3	-96.7286	32.7554
2227	2	1	1.9	-96.7295	32.7583
2232	2	1	2.3	-96.7299	32.7564
2235	2	1	2.0	-96.7381	32.7473
Total Acres:			40.9		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2012 - Overall

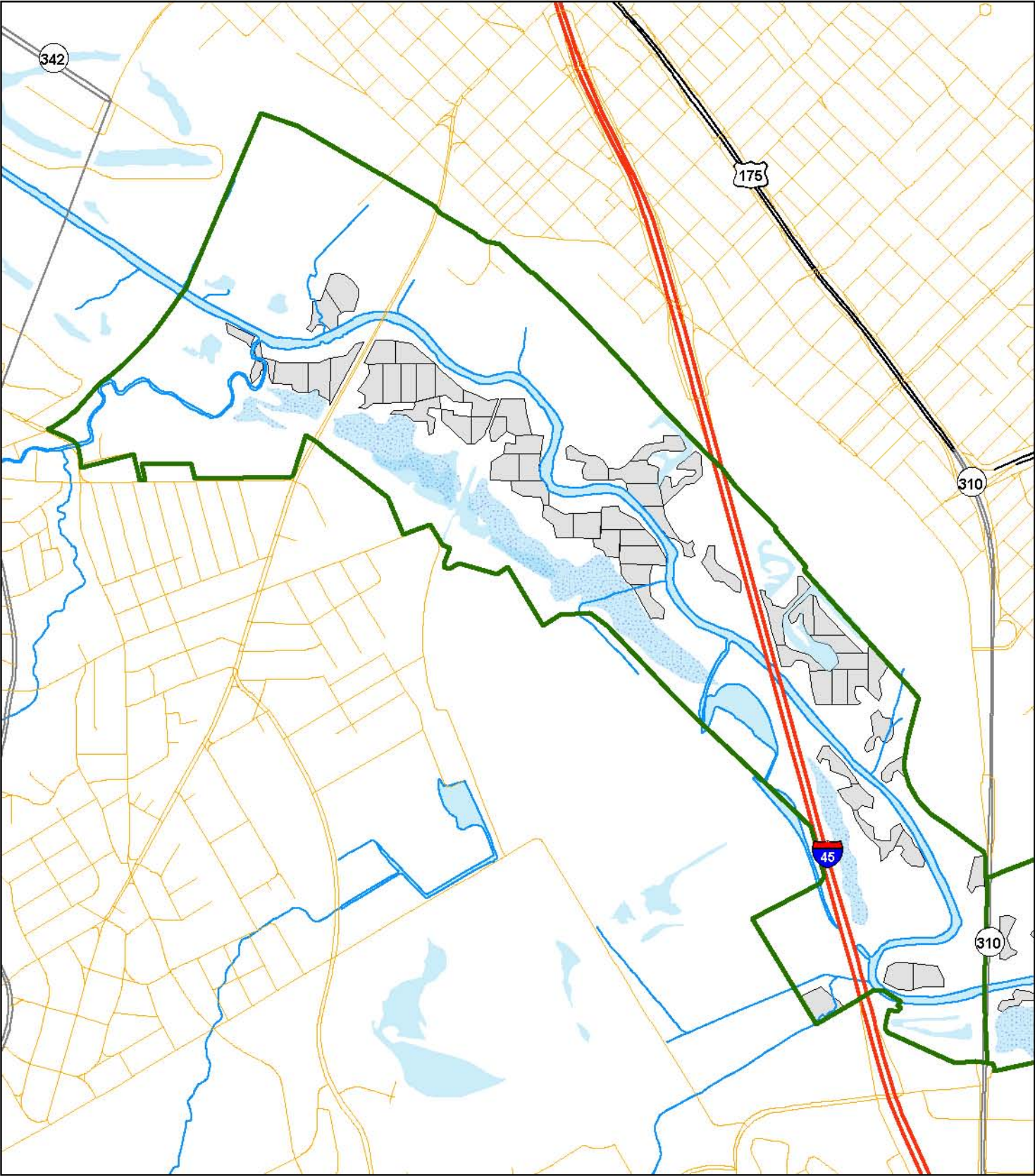


Stands

- Others
- Management Unit 2012



Management Unit 2012 - Sector 1

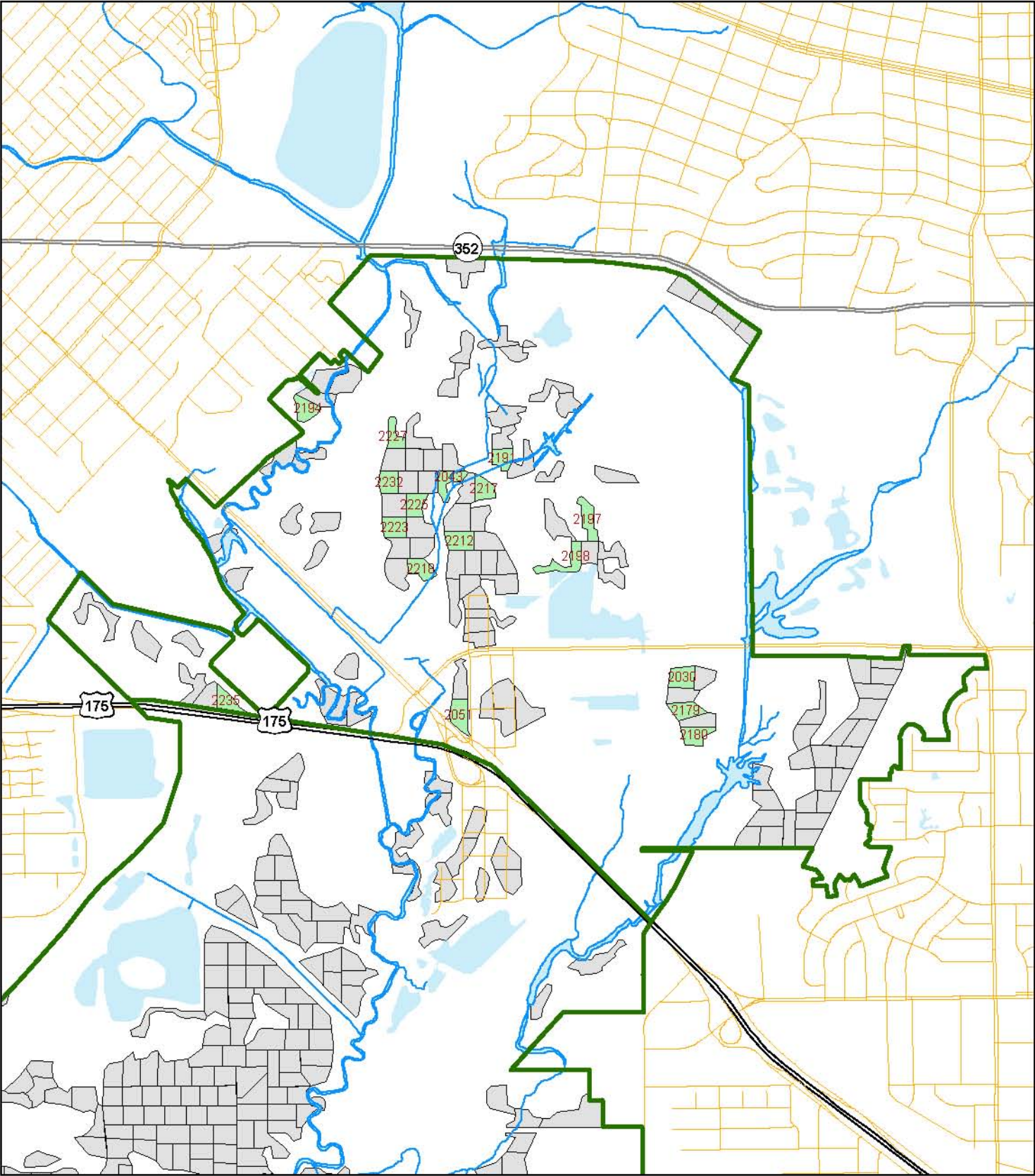


Stands
Others
Management Unit 2012



0 0.25 0.5
Miles

Management Unit 2012 - Sector 2

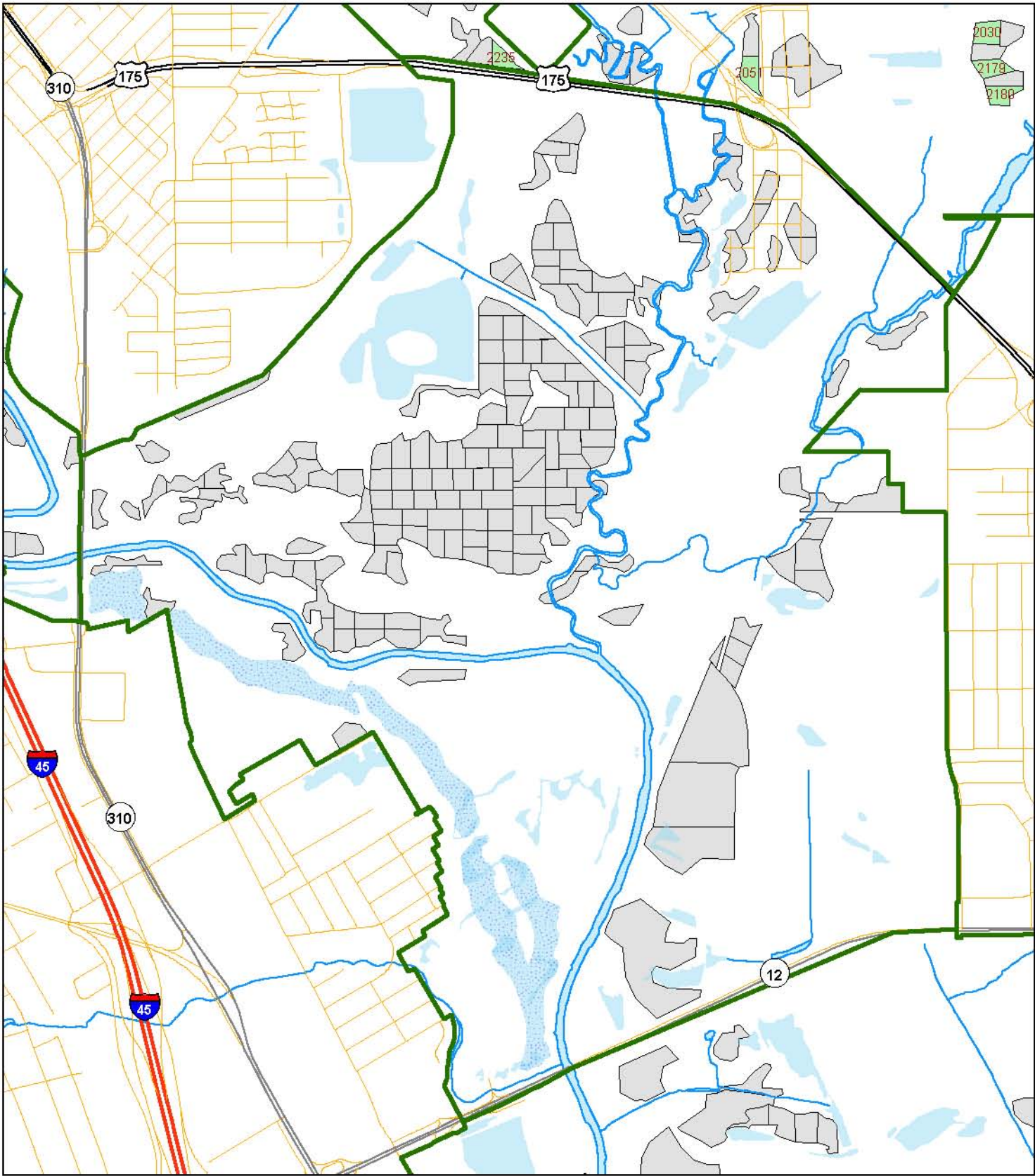


Stands
Others
Management Unit 2012



0 0.25 0.5
Miles

Management Unit 2012 - Sector 3

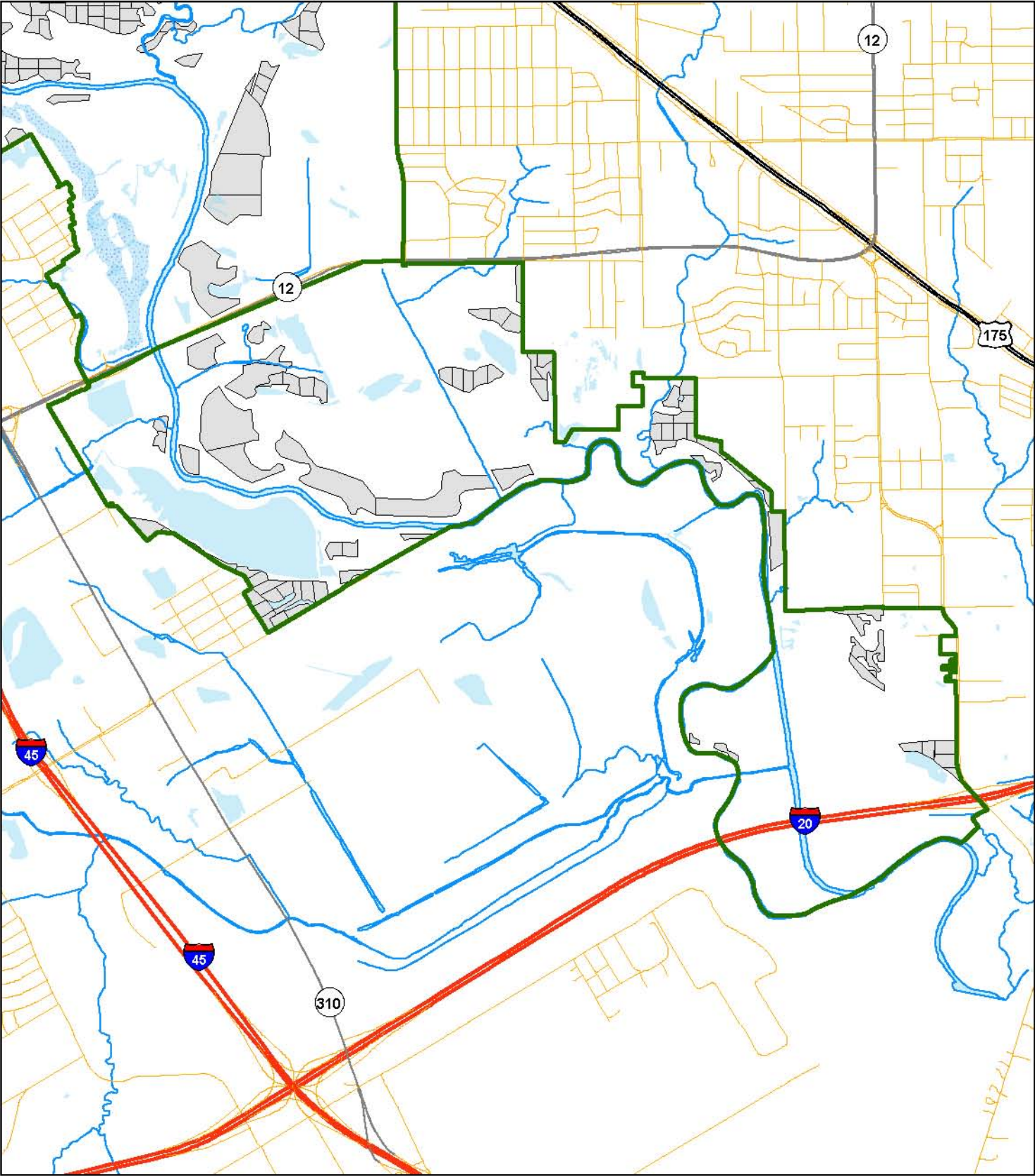


Stands
Others
Management Unit 2012

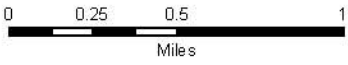


0 0.25 0.5
Miles

Management Unit 2012 - Sector 4



Stands
Others
Management Unit 2012



Management Unit 2013

DESCRIPTION

Management Unit 2013 is composed of the forest stands that in the year 2013 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2013

Prepare Stands with Herbicide – October 2013

Plant Trees – December 2013

Monitor – Fall 2013 & 2014

Plant Shrubs – December 2022

Monitor – Fall 2023 & 2024

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

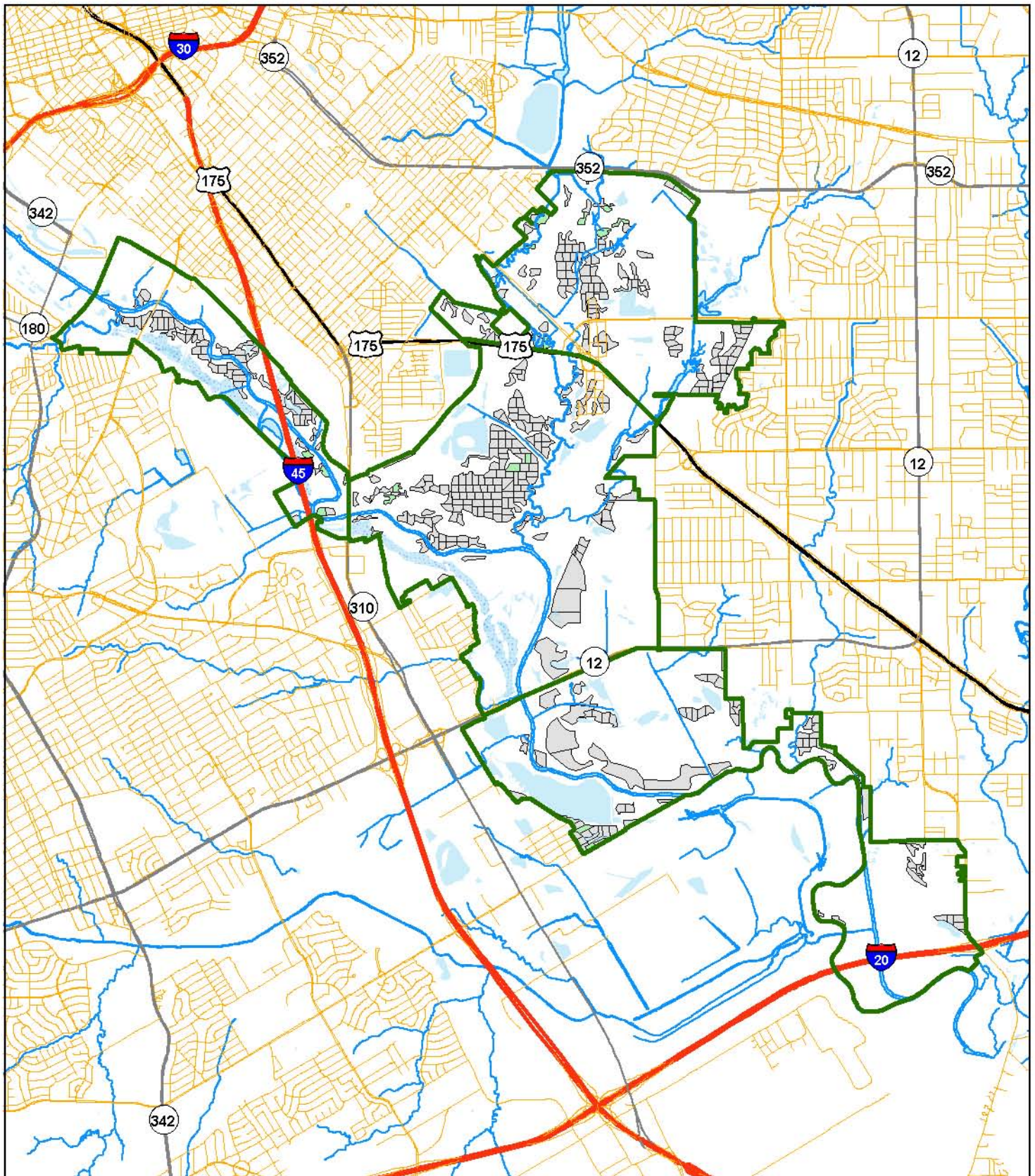
Management Unit 2013

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1073	1	1	2.0	-96.7612	32.7329
1078	1	1	2.6	-96.7617	32.7285
1283	1	1	2.1	-96.7634	32.7349
2034	2	1	2.5	-96.7266	32.7606
2036	2	1	2.2	-96.7218	32.7603
2049	2	1	2.1	-96.7318	32.7469
2185	2	1	2.1	-96.7129	32.7631
2187	2	1	2.0	-96.7234	32.7618
2190	2	1	3.2	-96.7240	32.7591
2192	2	1	3.2	-96.7319	32.7607
2195	2	1	2.0	-96.7338	32.7574
3252	3	1	2.1	-96.7526	32.7297
3255	3	1	2.0	-96.7518	32.7310
3344	3	1	2.0	-96.7344	32.7340
3346	3	1	3.8	-96.7363	32.7331
4138	4	1	2.3	-96.7271	32.6907
4142	4	1	2.9	-96.7279	32.6927
Total Acres:			41.1		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2013 - Overall

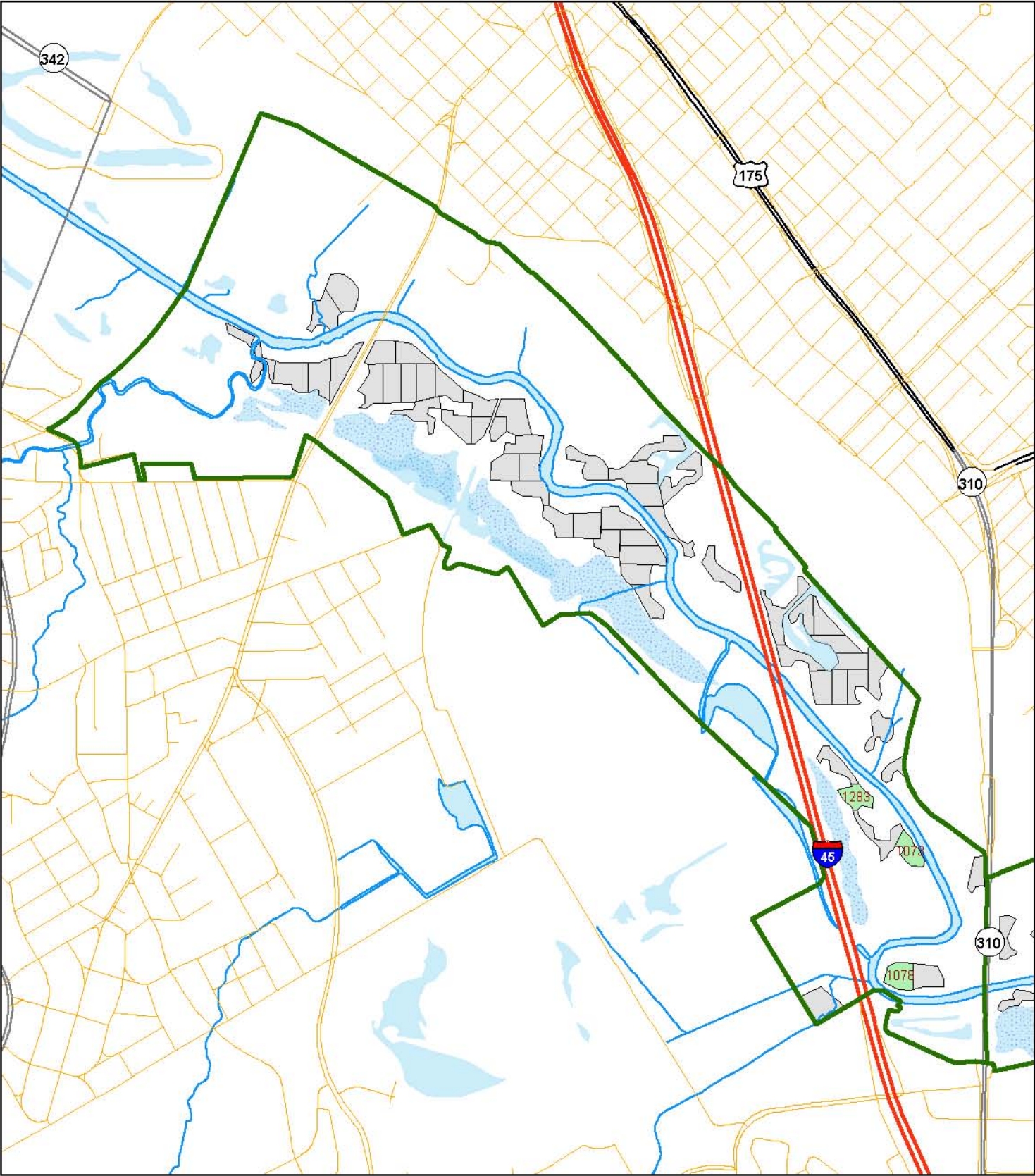


Stands

- Others
- Management Unit 2013



Management Unit 2013 - Sector 1

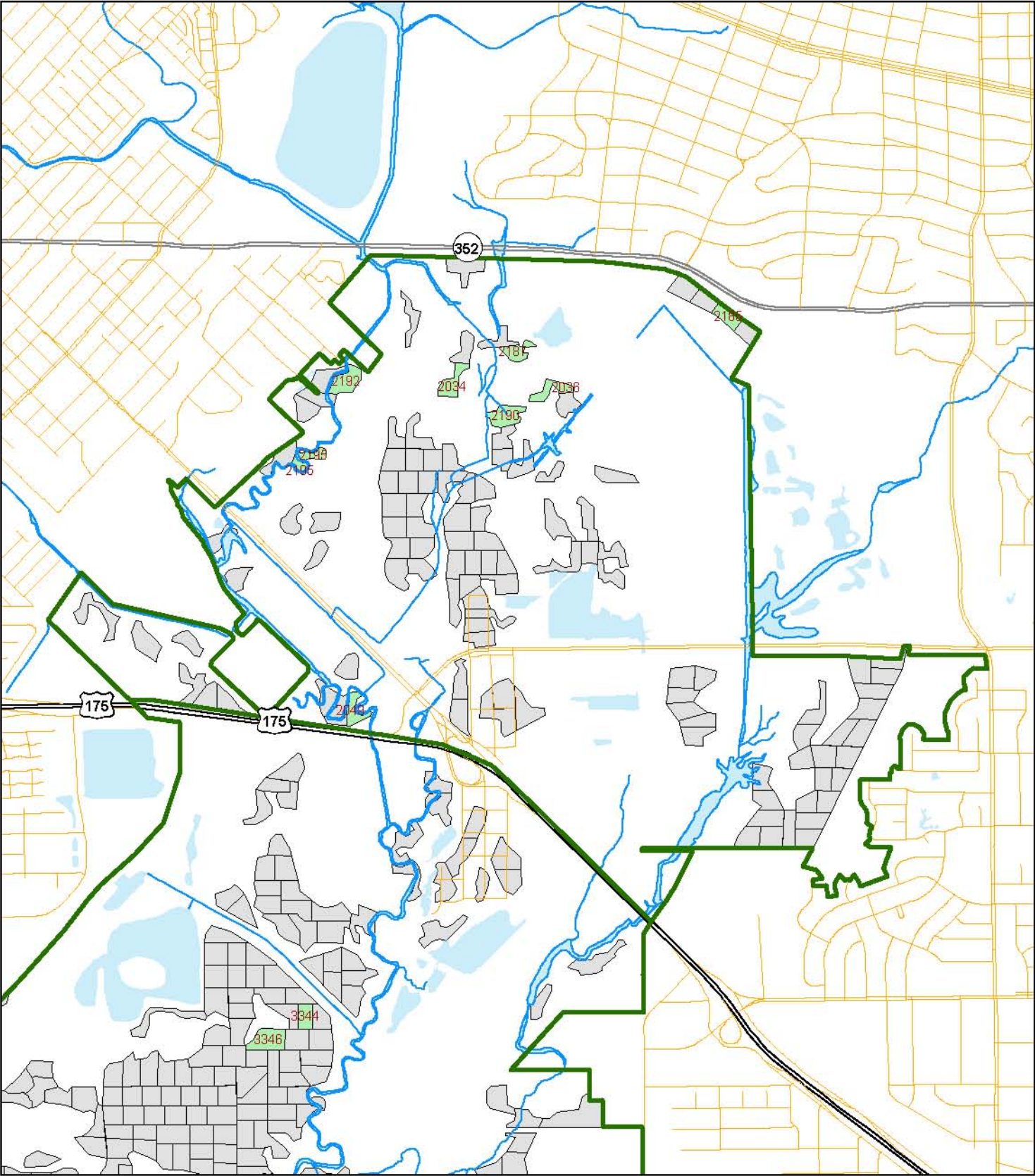


Stands
Others
Management Unit 2013



0 0.25 0.5
Miles

Management Unit 2013 - Sector 2

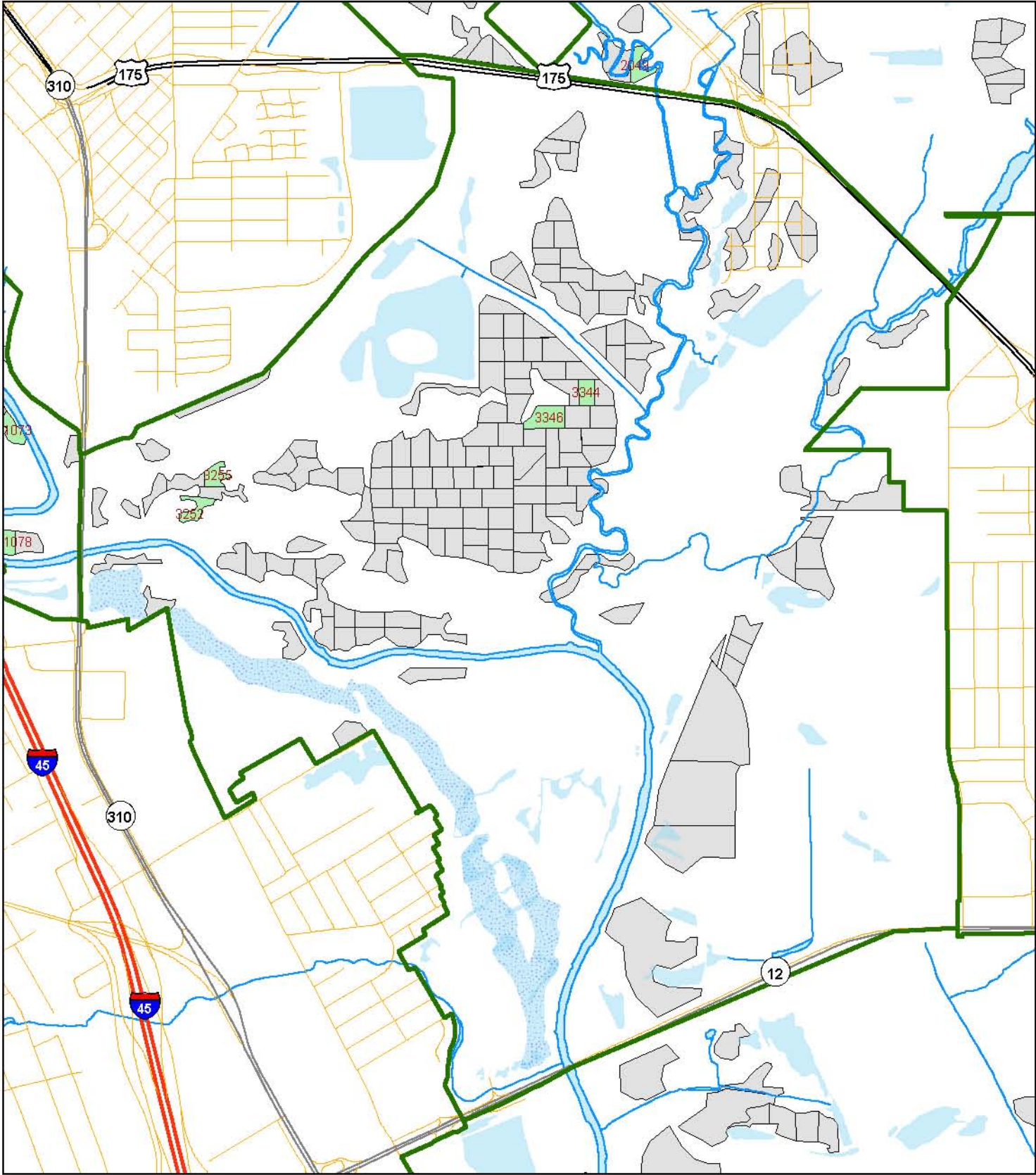


Stands
Others
Management Unit 2013



0 0.25 0.5
Miles

Management Unit 2013 - Sector 3

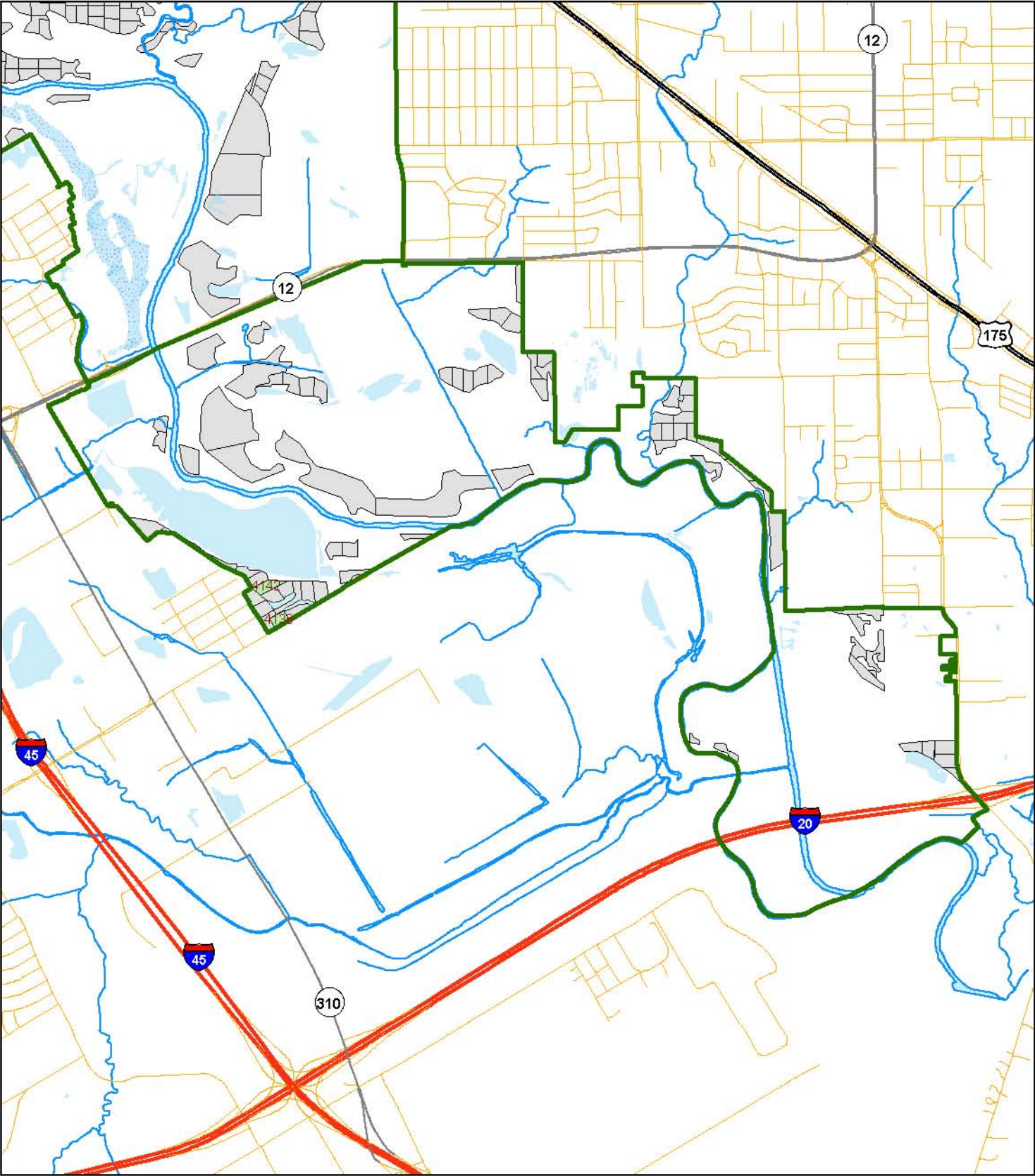


Stands
Others
Management Unit 2013

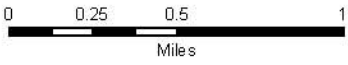


0 0.25 0.5
Miles

Management Unit 2013 - Sector 4



Stands
Others
Management Unit 2013



Management Unit 2014

DESCRIPTION

Management Unit 2014 is composed of the forest stands that in the year 2014 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2014

Prepare Stands with Herbicide – October 2014

Plant Trees – December 2014

Monitor – Fall 2015 & 2016

Plant Shrubs – December 2024

Monitor – Fall 2025 & 2026

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

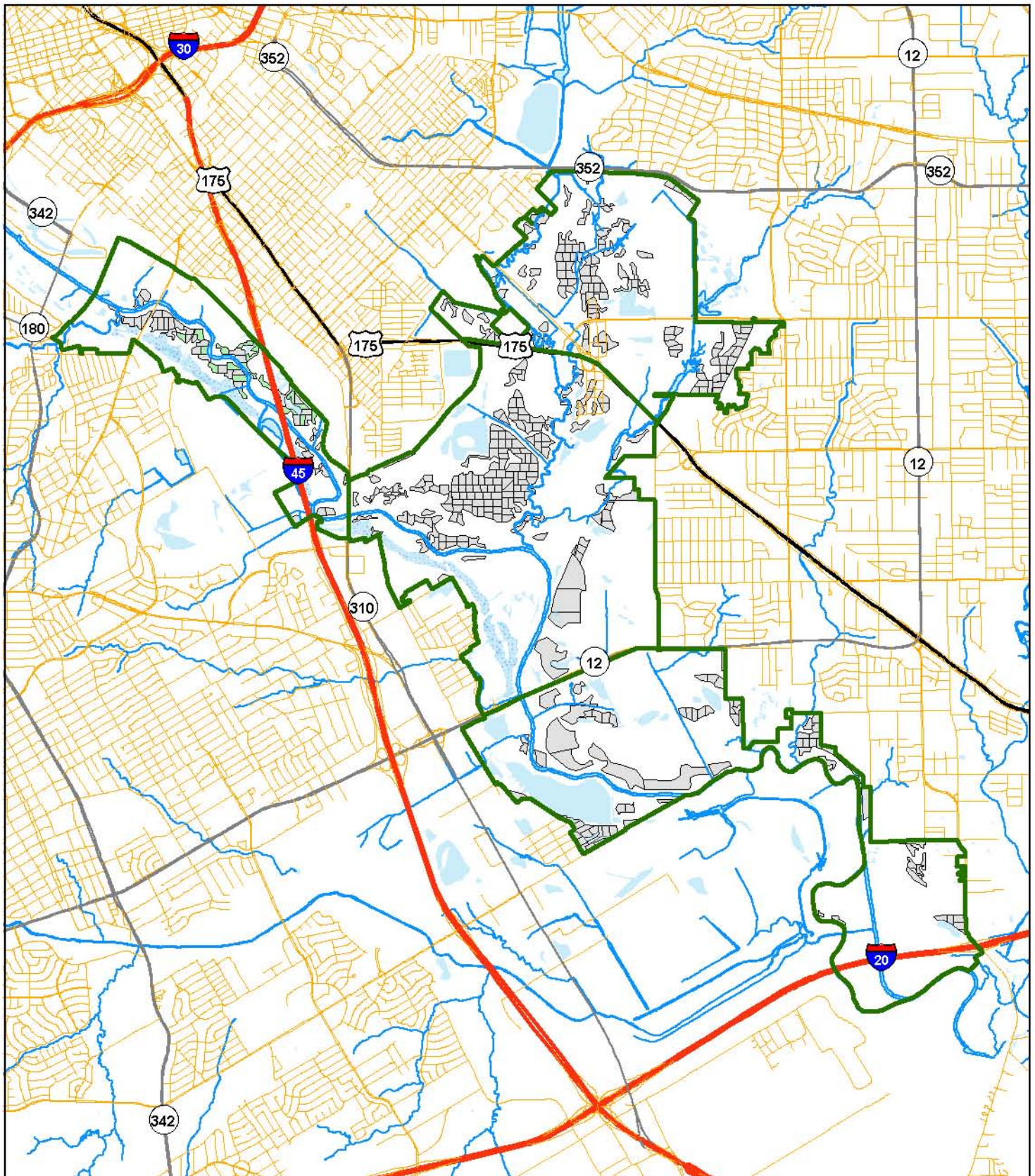
Management Unit 2014

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1070	1	1	3.1	-96.7722	32.7435
1072	1	1	2.5	-96.7689	32.7429
1074	1	1	2.1	-96.7640	32.7388
1268	1	1	2.2	-96.7797	32.7482
1271	1	1	3.4	-96.7774	32.7485
1274	1	1	2.1	-96.7768	32.7467
1276	1	1	2.4	-96.7756	32.7447
1278	1	1	2.0	-96.7719	32.7419
1280	1	1	2.6	-96.7732	32.7448
1287	1	1	3.1	-96.7703	32.7461
1288	1	1	2.3	-96.7713	32.7473
1289	1	1	2.7	-96.7743	32.7467
1290	1	1	2.3	-96.7711	32.7445
1293	1	1	2.2	-96.7658	32.7398
1295	1	1	2.1	-96.7641	32.7403
1297	1	1	2.0	-96.7654	32.7413
1298	1	1	2.6	-96.7625	32.7393
Total Acres:			41.8		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2014 - Overall

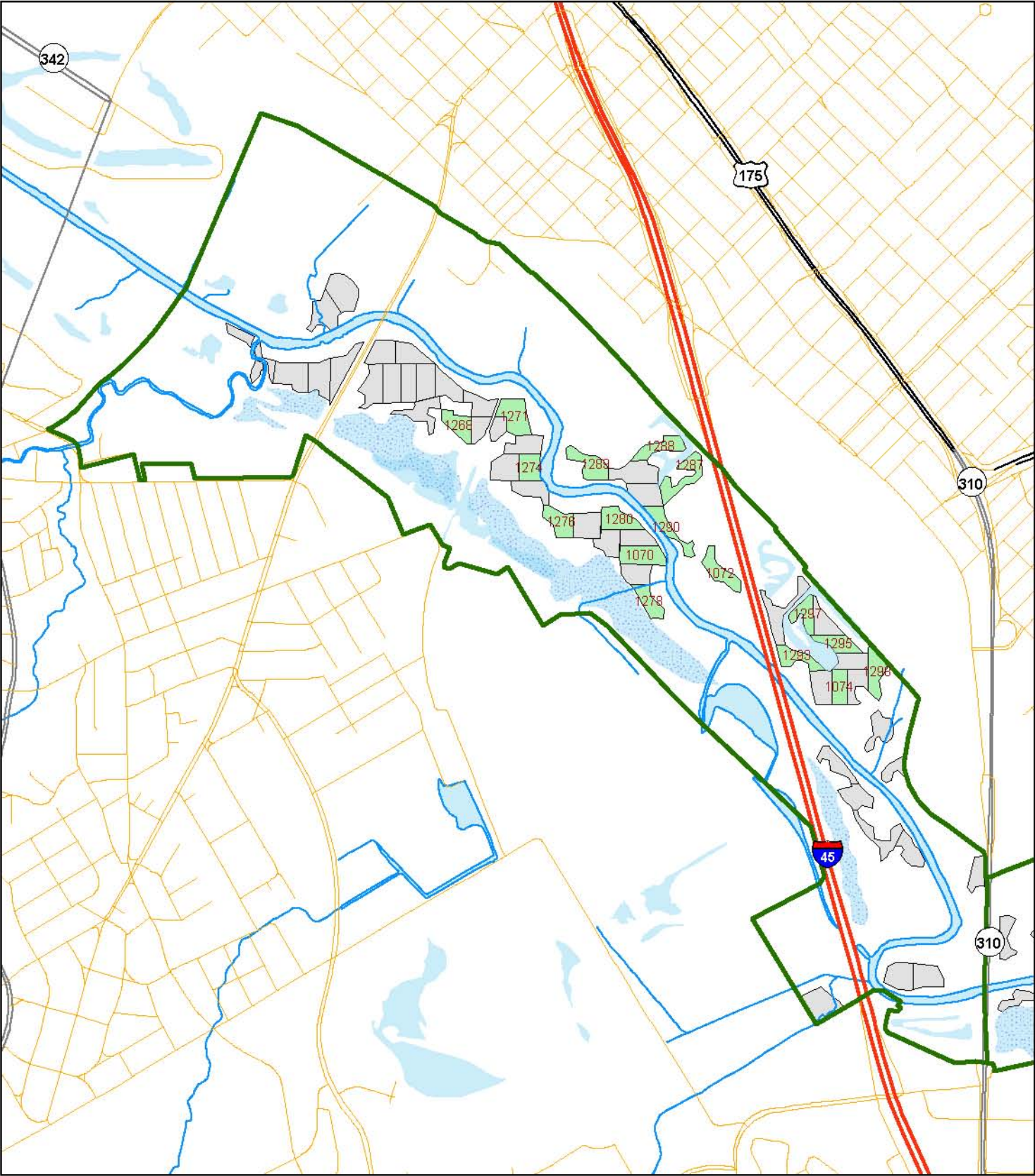


Stands

- Others
- Management Unit 2014



Management Unit 2014 - Sector 1

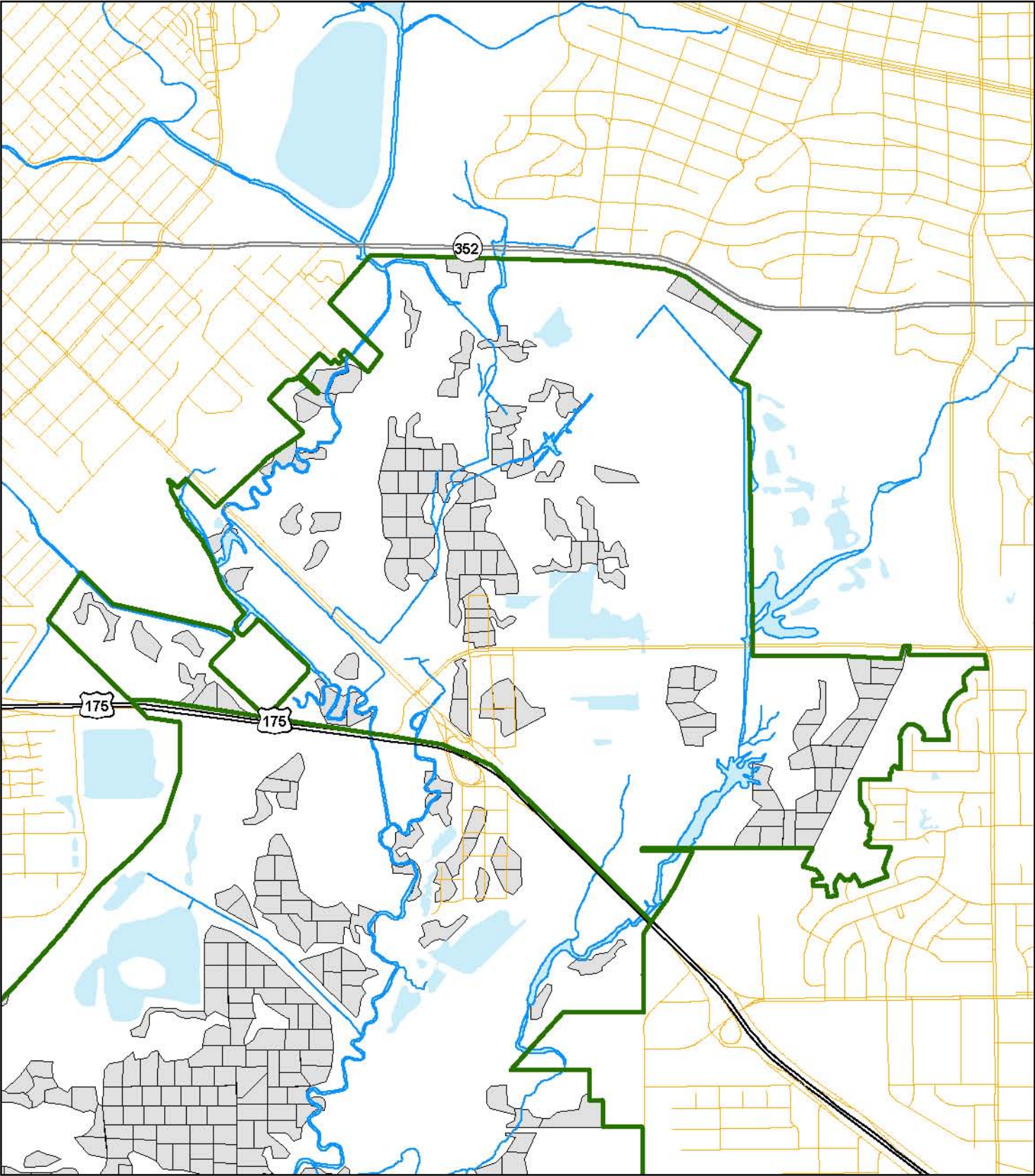


Stands
Others
Management Unit 2014



0 0.25 0.5
Miles

Management Unit 2014 - Sector 2

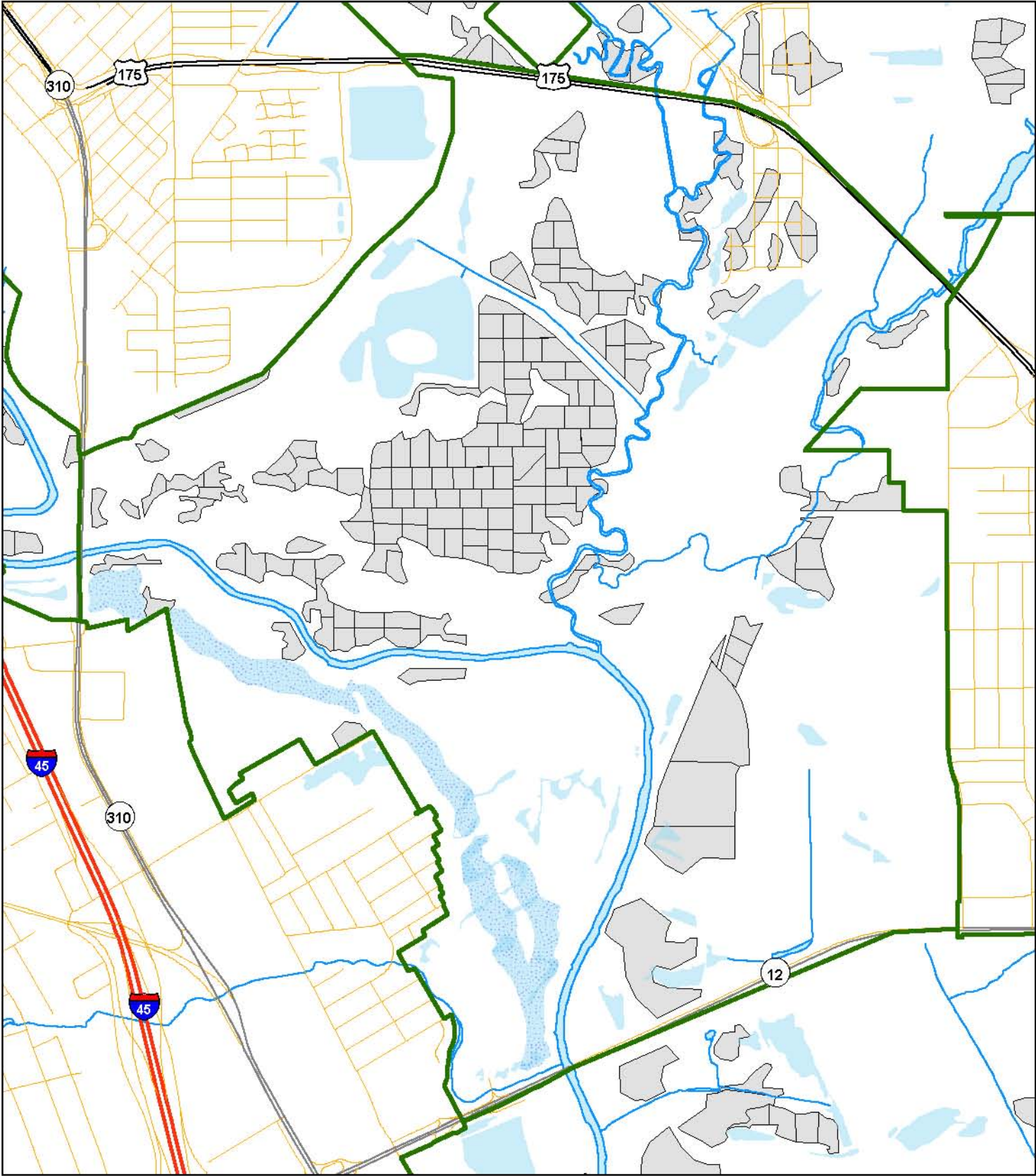


Stands
Others
Management Unit 2014



0 0.25 0.5
Miles

Management Unit 2014 - Sector 3

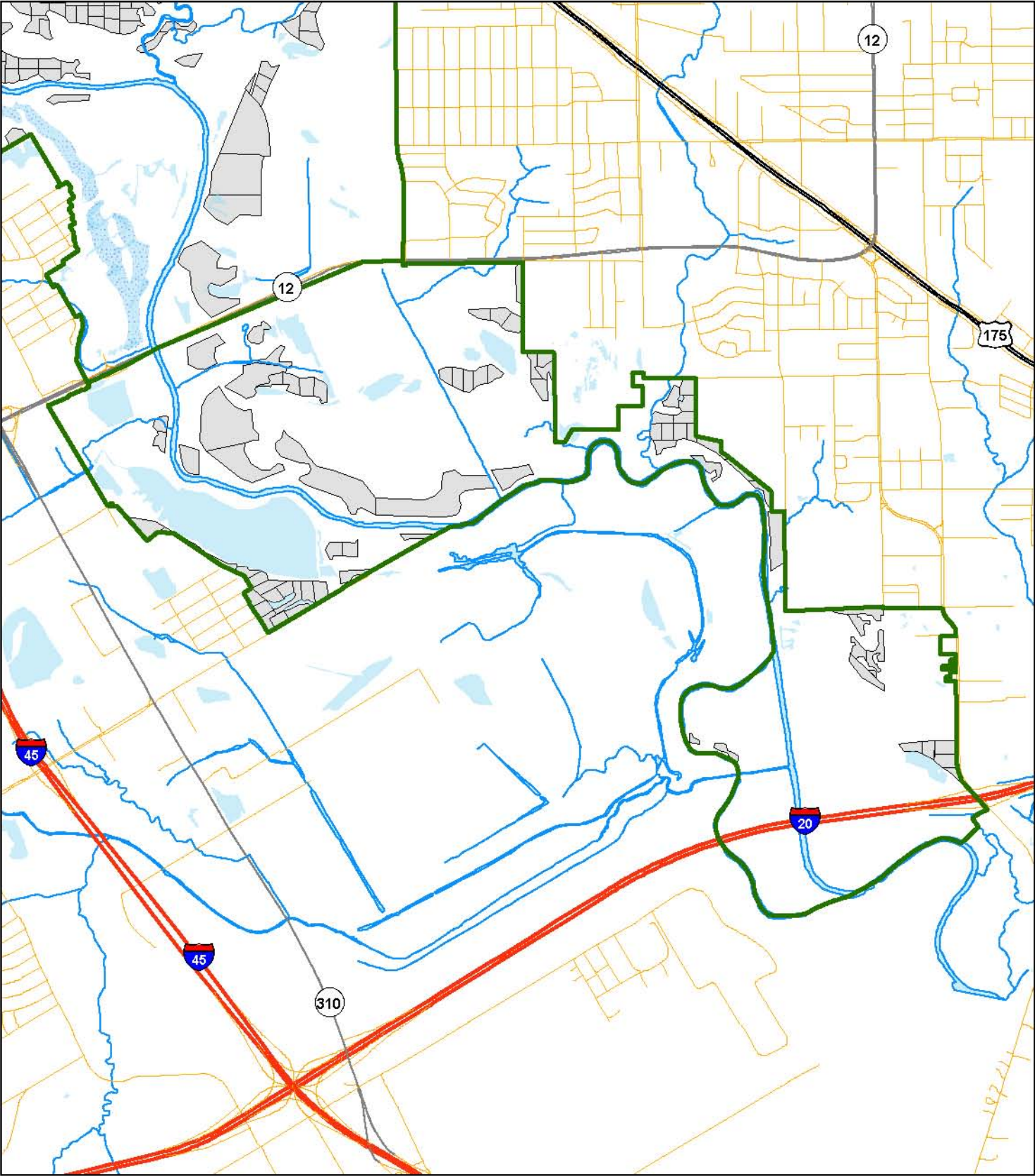


Stands
Others
Management Unit 2014



0 0.25 0.5
Miles

Management Unit 2014 - Sector 4



Stands
Others
Management Unit 2014



0 0.25 0.5
Miles

Management Unit 2015

DESCRIPTION

Management Unit 2015 is composed of the forest stands that in the year 2015 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2015

Prepare Stands with Herbicide – October 2015

Plant Trees – December 2015

Monitor – Fall 2016 & 2017

Plant Shrubs – December 2025

Monitor – Fall 2026 & 2027

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

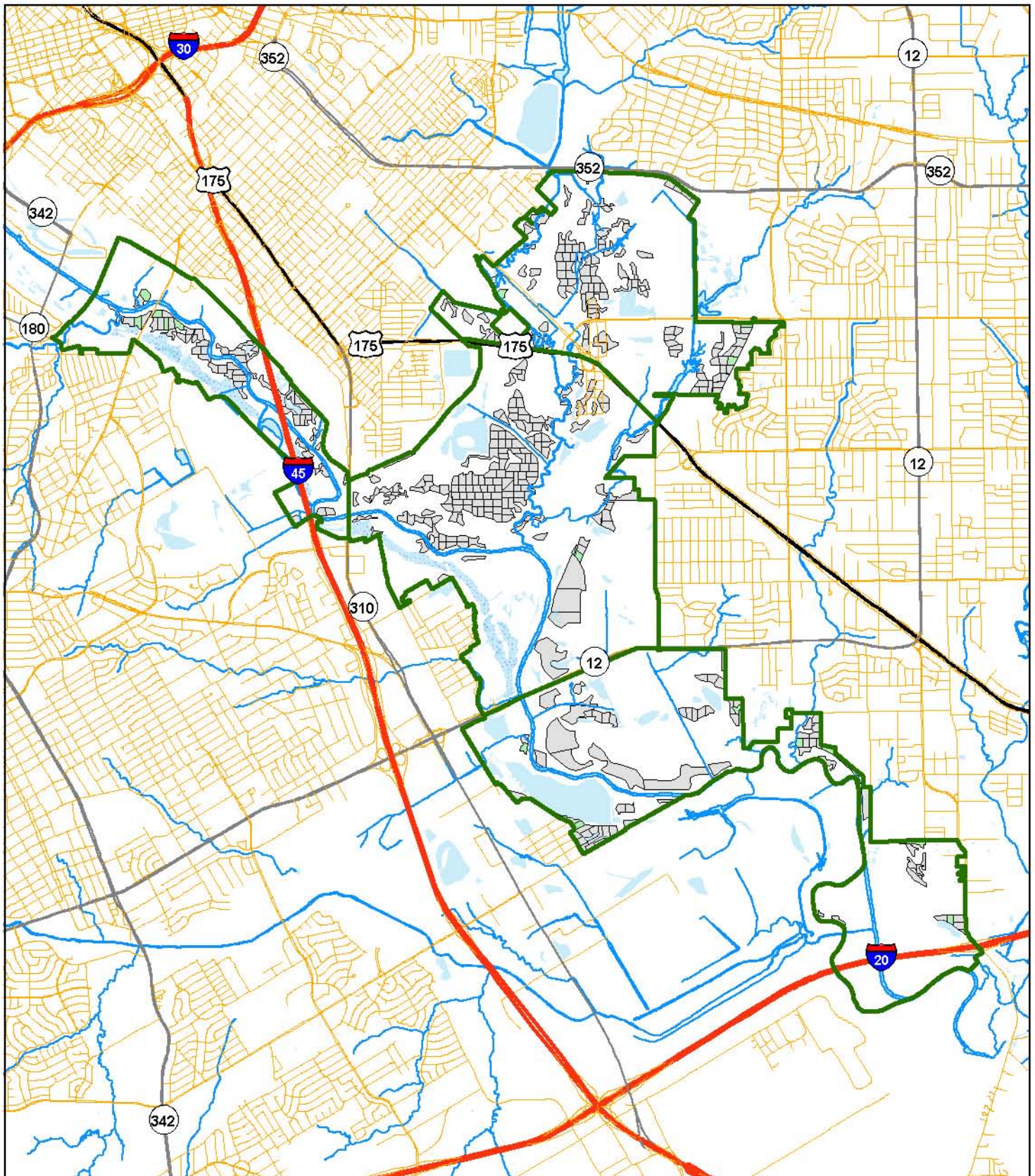
Management Unit 2015

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1069	1	1	3.4	-96.7845	32.7530
1089	1	1	2.8	-96.7855	32.7499
1260	1	1	2.3	-96.7829	32.7508
1265	1	1	2.2	-96.7818	32.7497
1267	1	1	2.4	-96.7802	32.7496
2048	2	1	2.2	-96.7375	32.7525
2171	2	1	2.7	-96.7073	32.7446
2177	2	1	2.0	-96.7052	32.7485
3147	3	2	2.7	-96.7281	32.7233
4006	4	1	3.9	-96.6844	32.6905
4015	4	1	2.6	-96.7072	32.7058
4104	4	1	2.2	-96.6798	32.6820
4110	4	1	3.3	-96.6952	32.7009
4117	4	1	2.1	-96.6993	32.7019
4131	4	1	2.0	-96.7355	32.7018
4134	4	1	2.4	-96.7286	32.6932
Total Acres:			41.3		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2015 - Overall

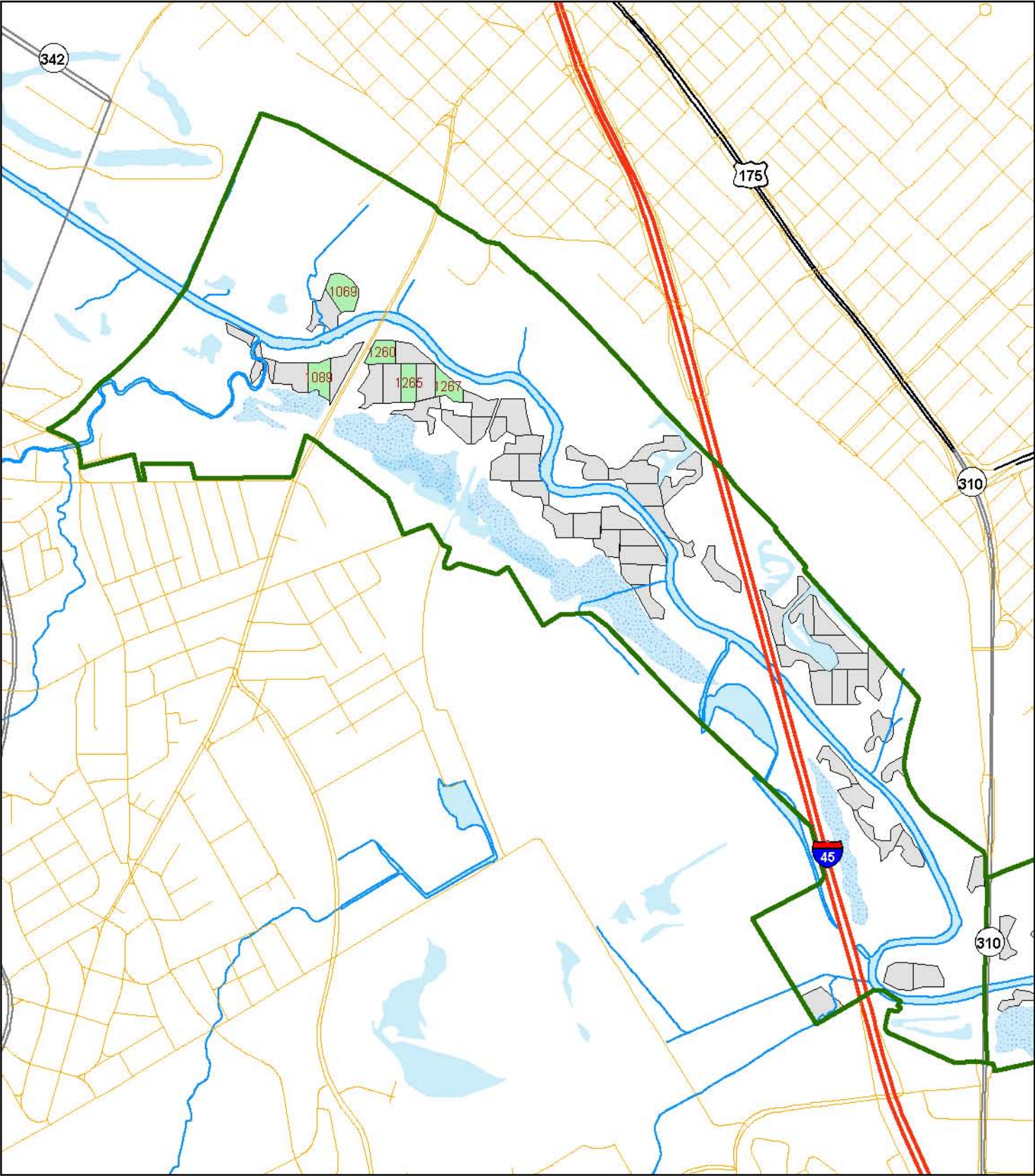


Stands

- Others
- Management Unit 2015



Management Unit 2015 - Sector 1

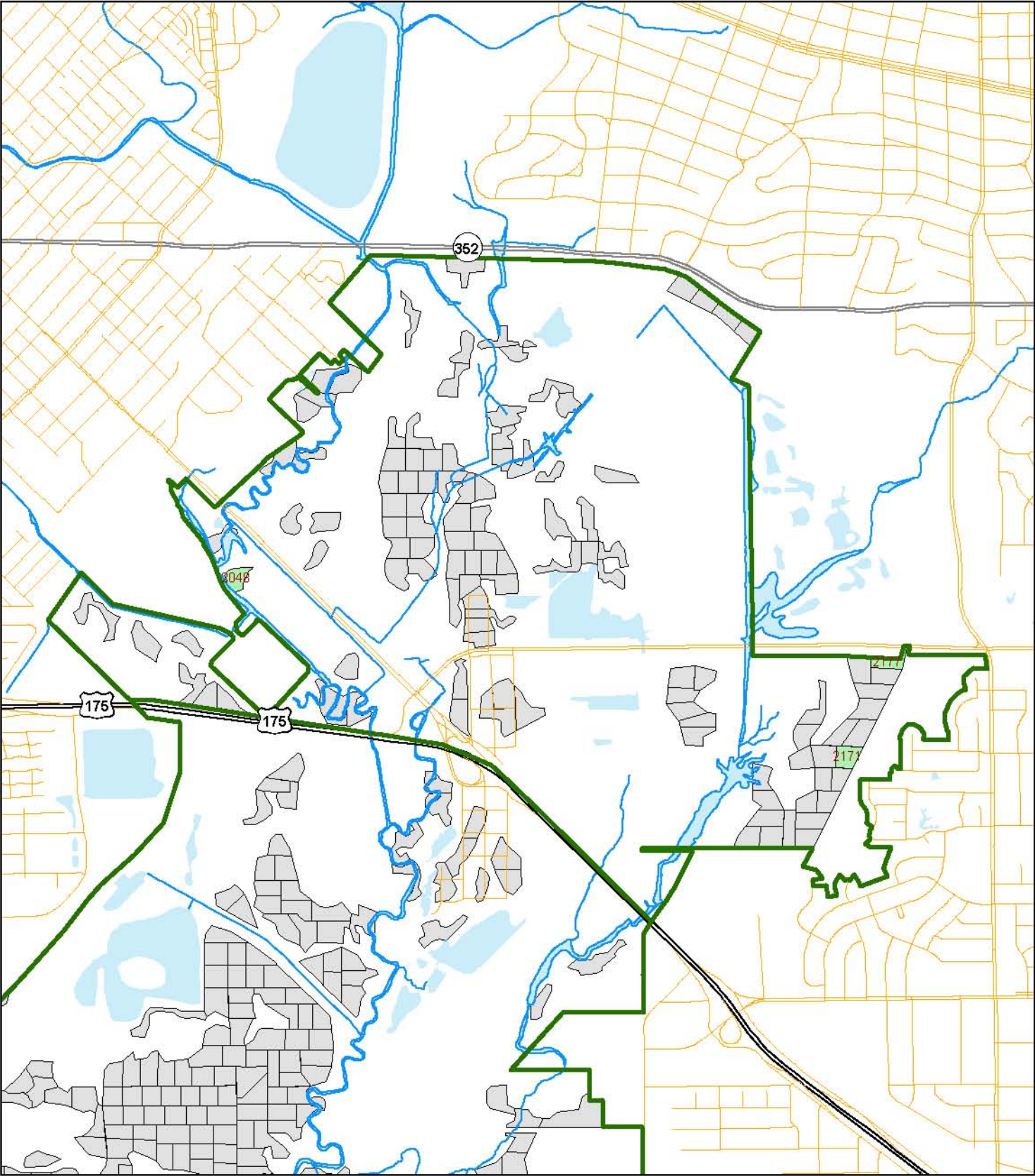


Stands
Others
Management Unit 2015



0 0.25 0.5
Miles

Management Unit 2015 - Sector 2

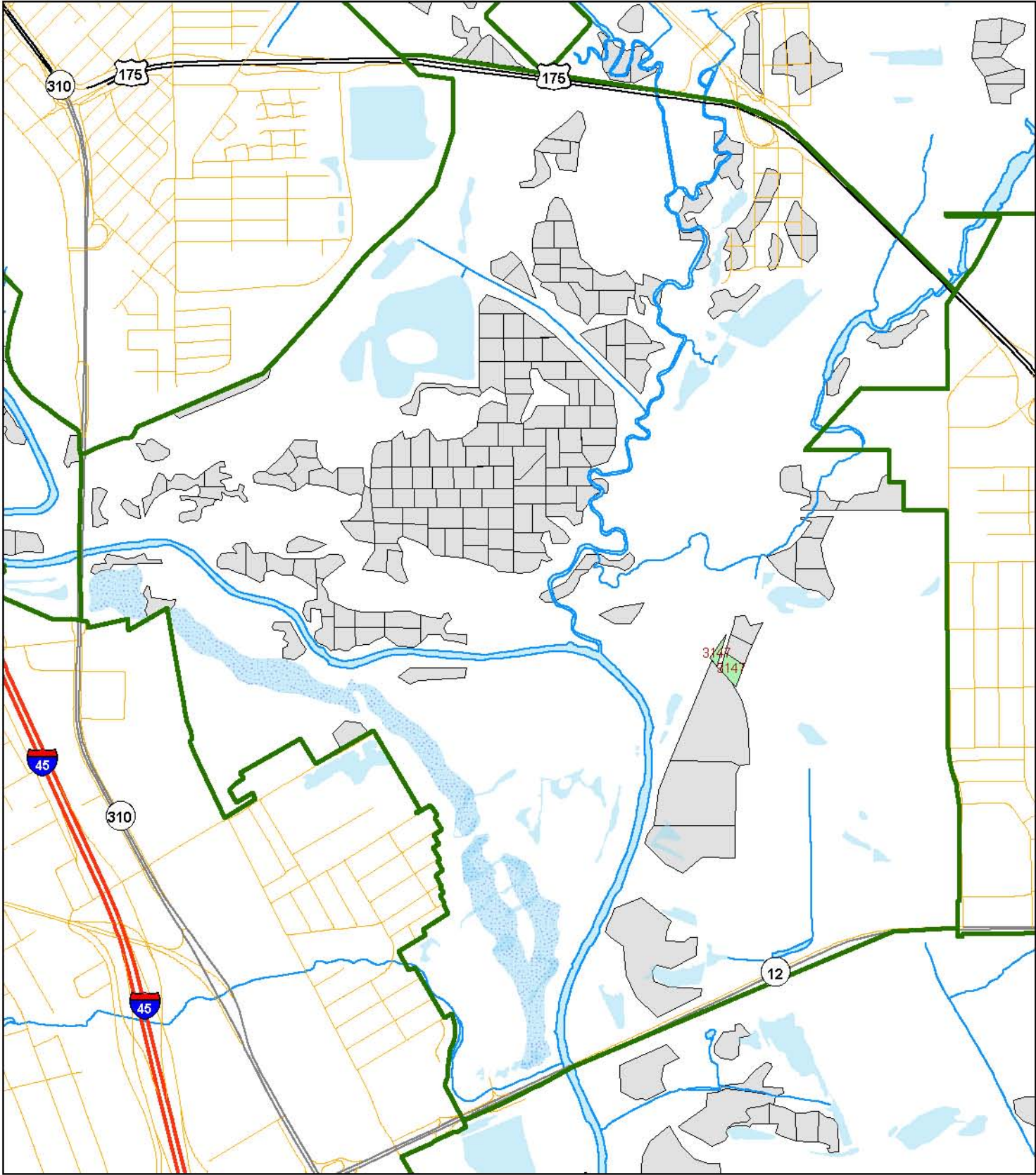


Stands
Others
Management Unit 2015



0 0.25 0.5
Miles

Management Unit 2015 - Sector 3



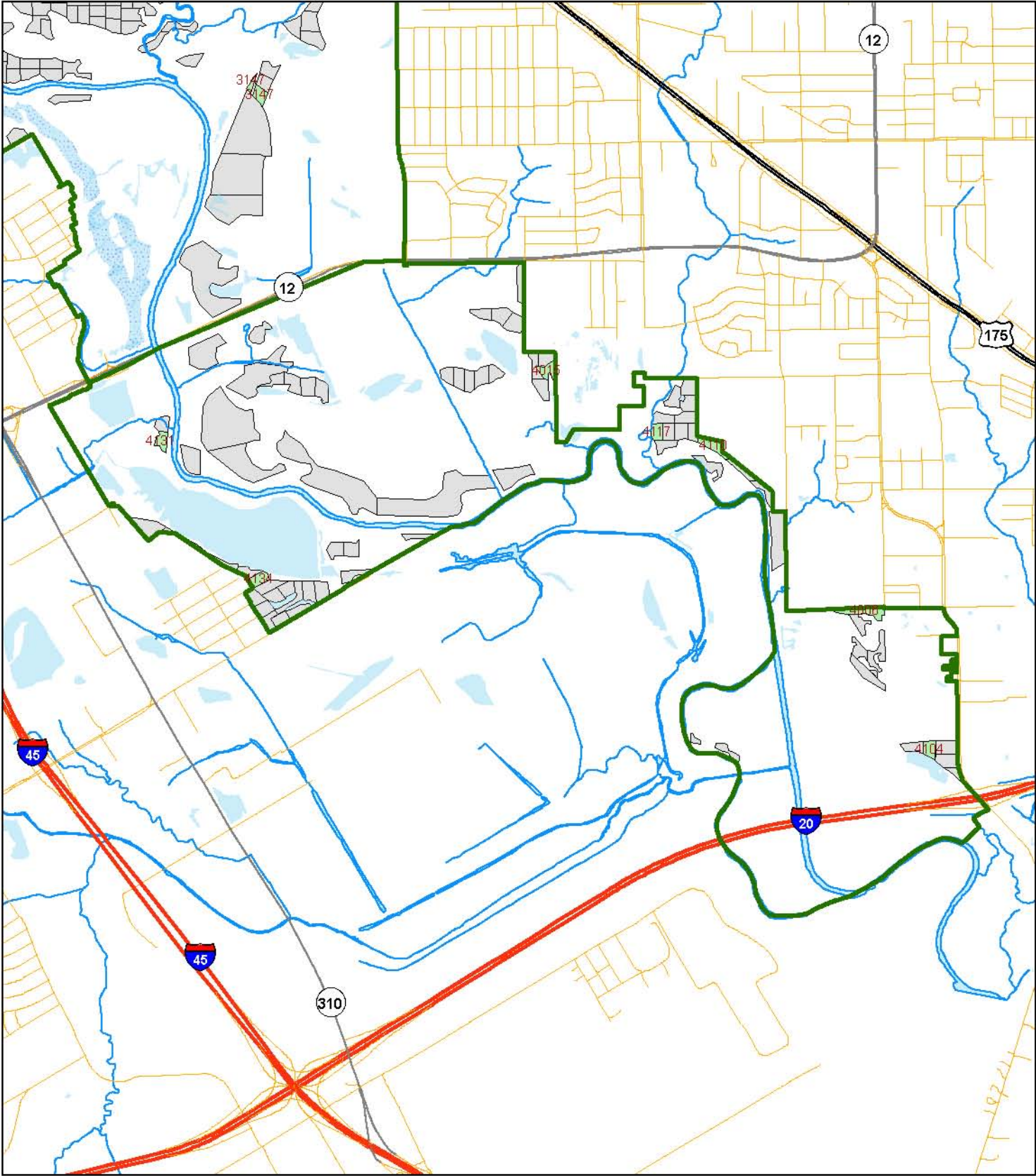
Stands

- Others
- Management Unit 2015



0 0.25 0.5
Miles

Management Unit 2015 - Sector 4



Stands
Others
Management Unit 2015



0 0.25 0.5 1
Miles

Management Unit 2016

DESCRIPTION

Management Unit 2011 is composed of the forest stands that in the year 2011 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2016

Prepare Stands with Herbicide – October 2016

Plant Trees – December 2016

Monitor – Fall 2017 & 2018

Plant Shrubs – December 2026

Monitor – Fall 2027 & 2028

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

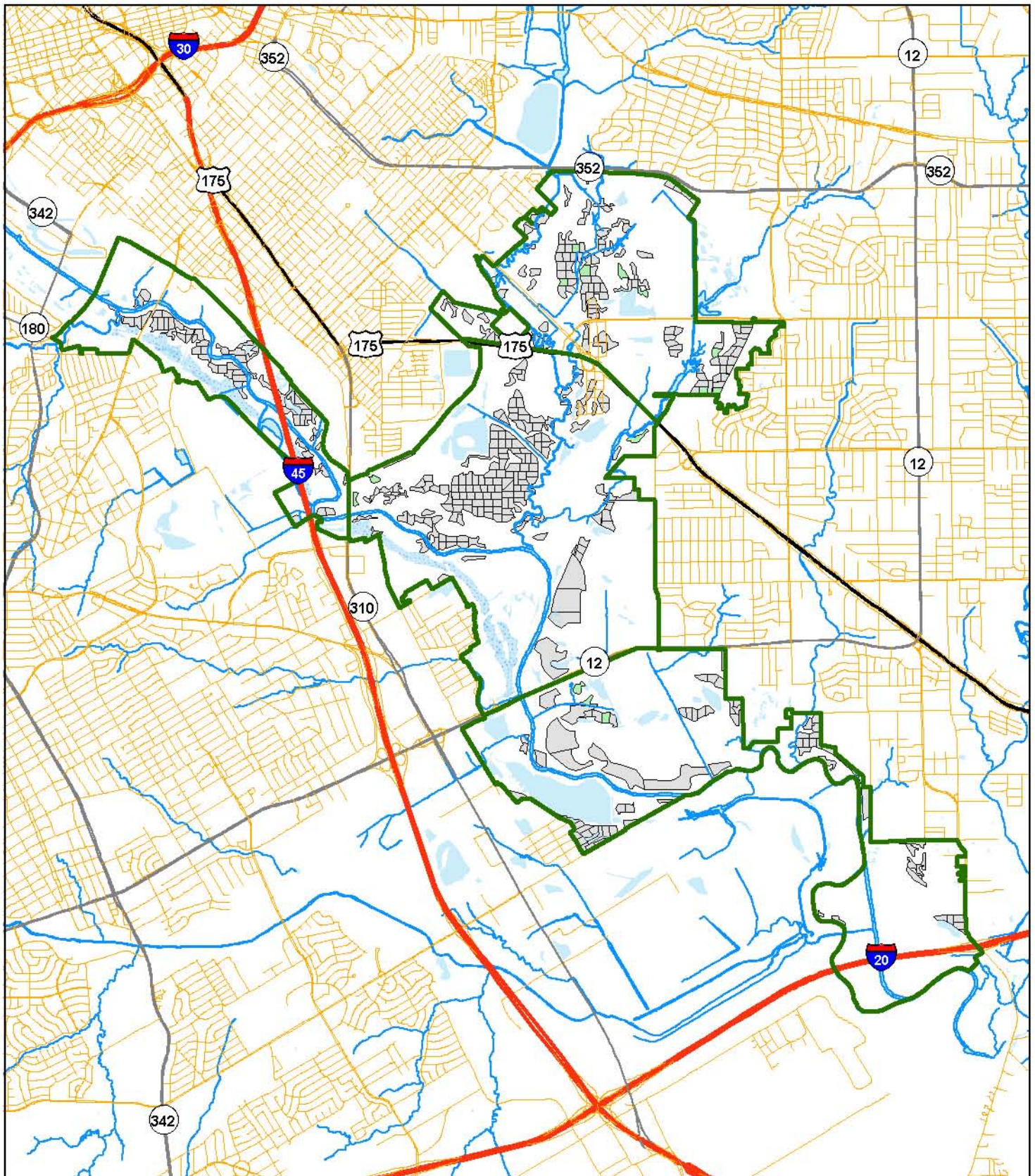
Management Unit 2016

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2042	2	1	2.6	-96.7352	32.7575
2161	2	1	2.7	-96.7112	32.7412
2166	2	1	2.5	-96.7094	32.7412
2175	2	1	2.5	-96.7094	32.7455
2196	2	1	3.2	-96.7216	32.7546
2200	2	1	2.1	-96.7189	32.7523
2213	2	1	3.5	-96.7264	32.7548
2221	2	1	2.3	-96.7294	32.7536
2231	2	1	2.2	-96.7276	32.7573
3028	3	1	3.6	-96.7200	32.7362
3080	3	1	2.1	-96.7547	32.7320
3081	3	1	2.0	-96.7573	32.7299
4020	4	1	3.5	-96.7271	32.7068
4021	4	1	3.1	-96.7248	32.7050
4022	4	1	3.3	-96.7283	32.7084
Total Acres:			41.2		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2016 - Overall

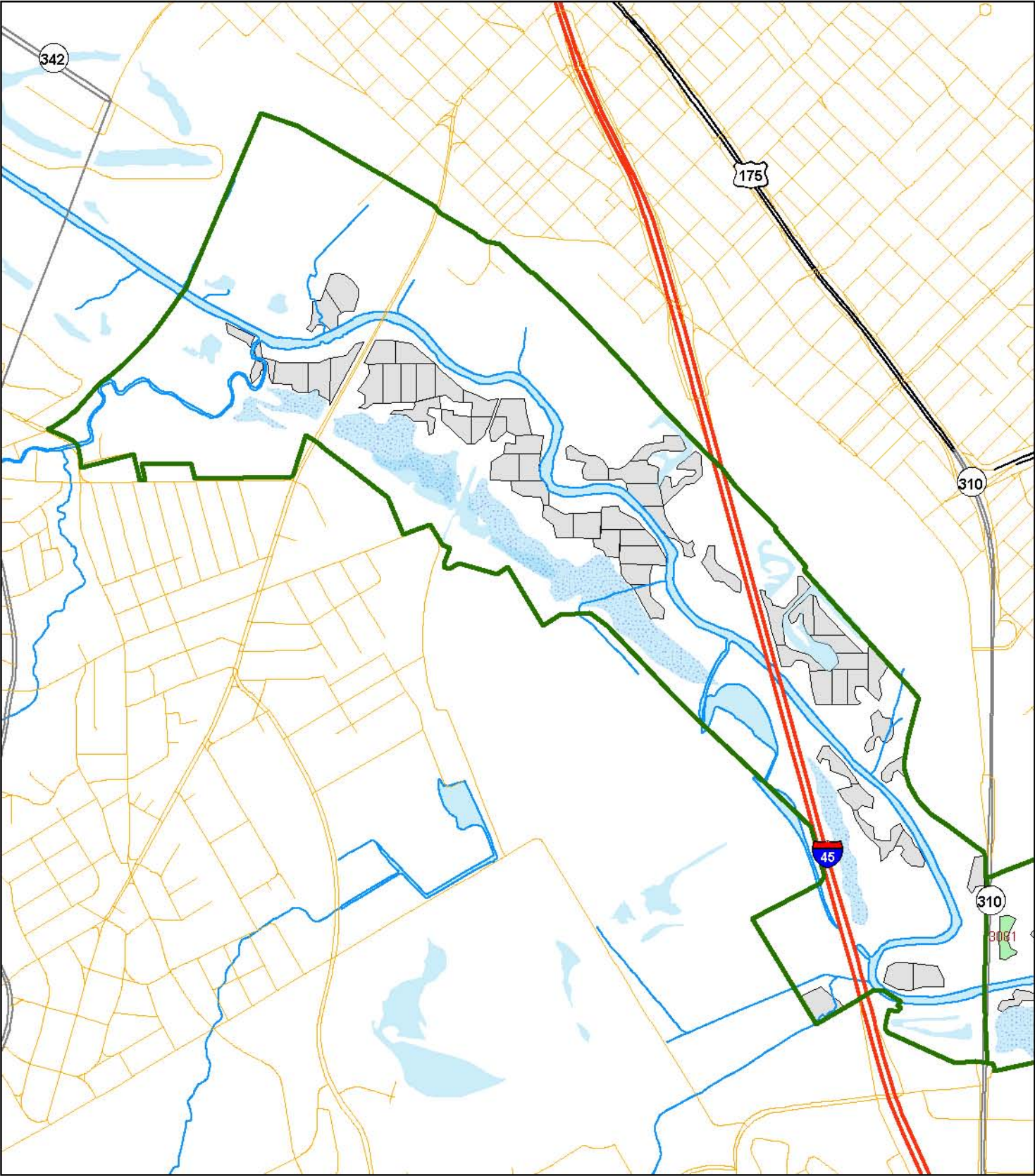


Stands

- Others
- Management Unit 2016



Management Unit 2016 - Sector 1

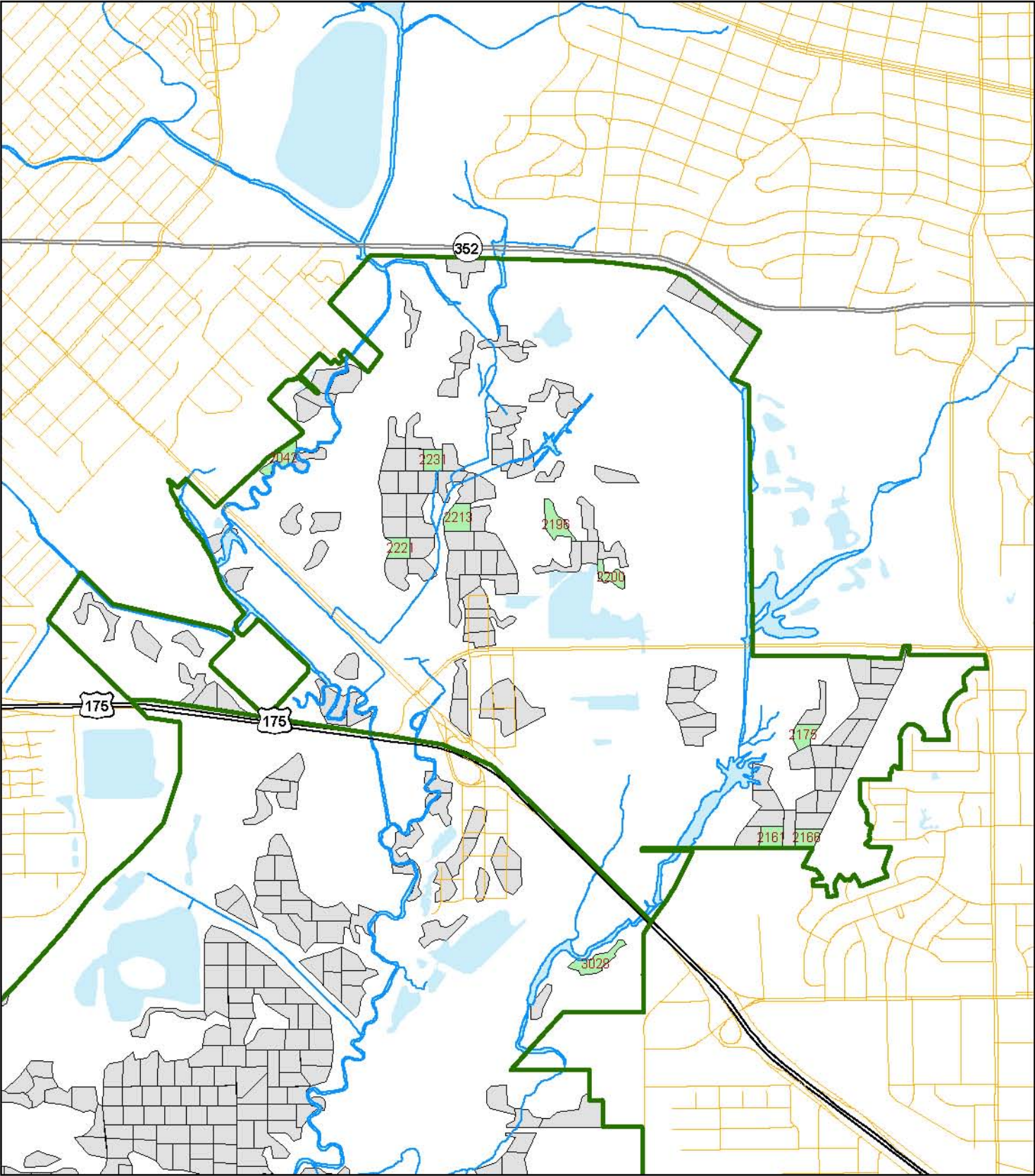


Stands
Others
Management Unit 2016



0 0.25 0.5
Miles

Management Unit 2016 - Sector 2

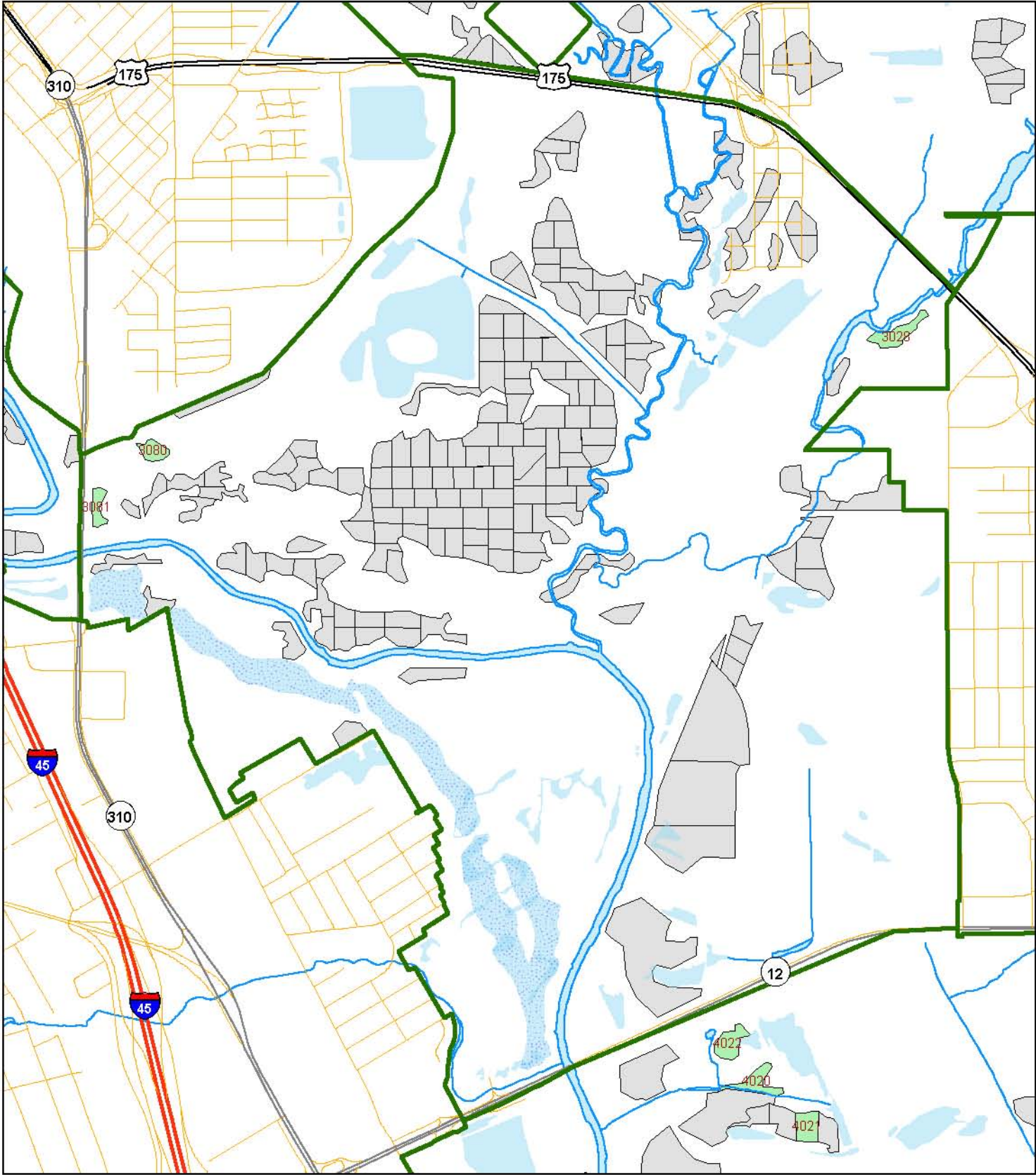


Stands
Others
Management Unit 2016



0 0.25 0.5
Miles

Management Unit 2016 - Sector 3

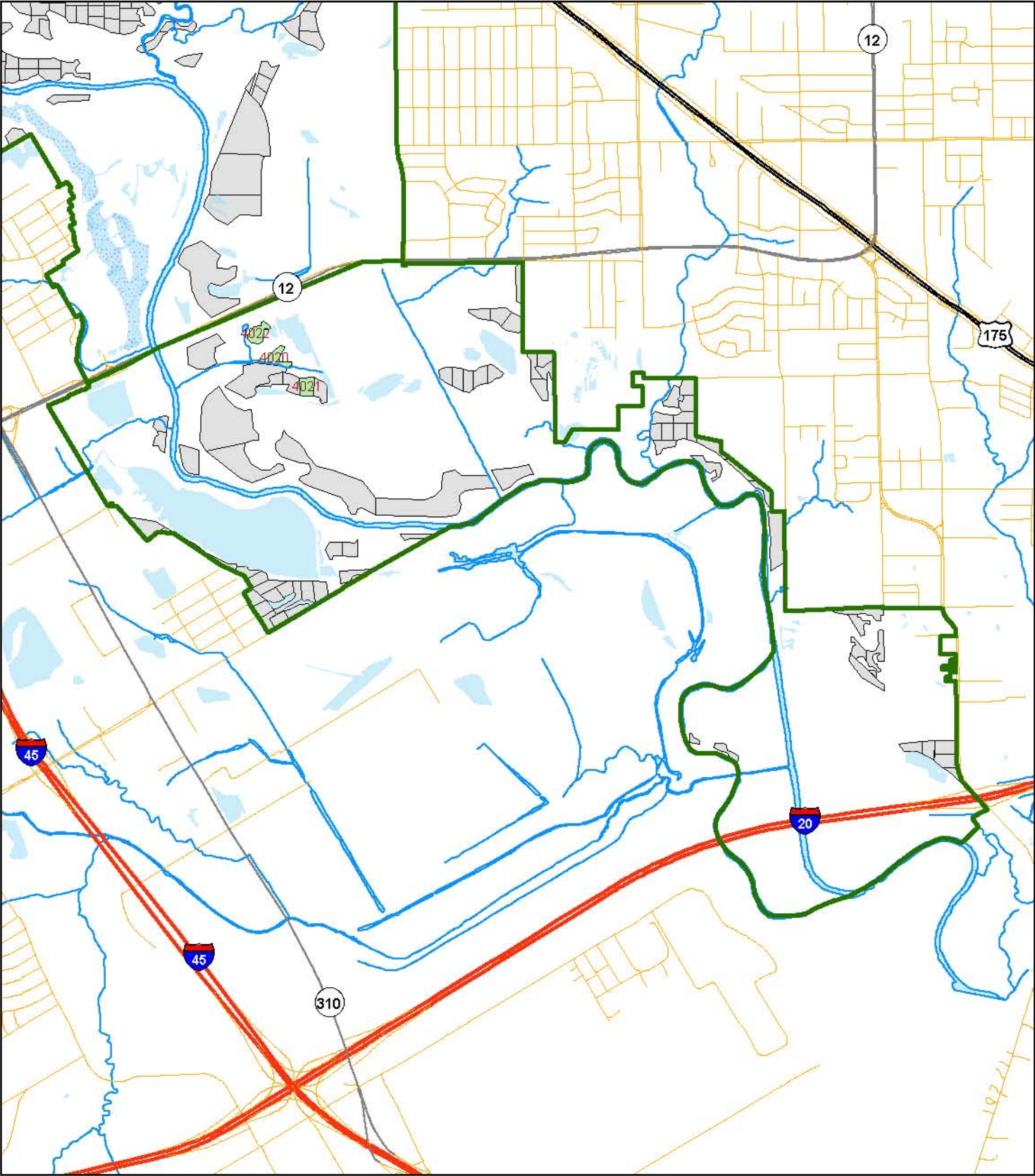


Stands
Others
Management Unit 2016



0 0.25 0.5
Miles

Management Unit 2016 - Sector 4



Stands
Others
Management Unit 2016



0 0.25 0.5 1
Miles

Management Unit 2017

DESCRIPTION

Management Unit 2017 is composed of the forest stands that in the year 2017 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2017

Prepare Stands with Herbicide – October 2017

Plant Trees – December 2017

Monitor – Fall 2018 & 2019

Plant Shrubs – December 2027

Monitor – Fall 2028 & 2029

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

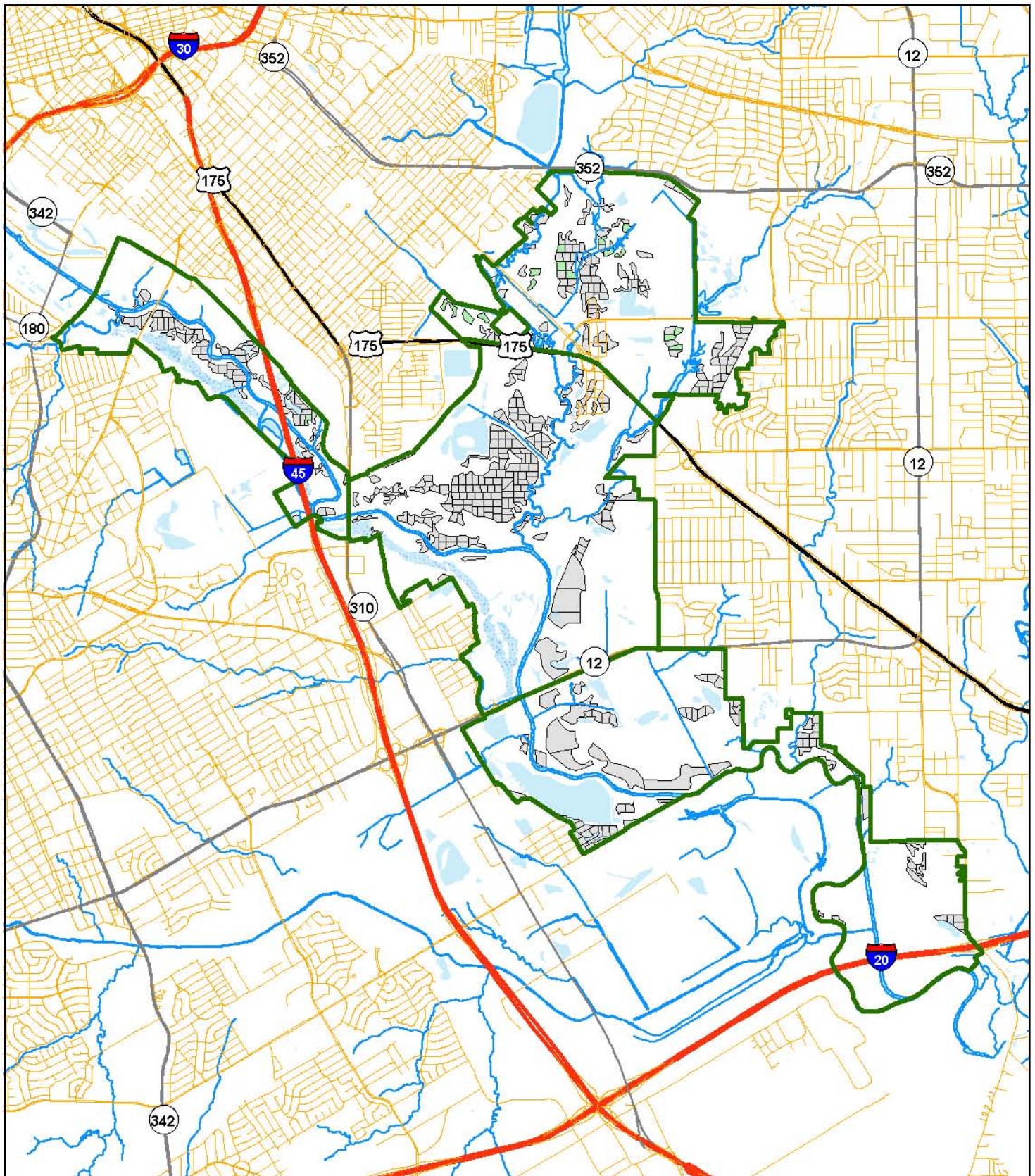
Management Unit 2017

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1300	1	1	2.0	-96.7633	32.7388
2038	2	1	1.5	-96.7217	32.7566
2039	2	1	2.1	-96.7241	32.7582
2045	2	1	2.7	-96.7330	32.7548
2046	2	1	1.8	-96.7335	32.7534
2053	2	1	2.1	-96.7399	32.7498
2054	2	1	3.6	-96.7444	32.7514
2055	2	1	3.4	-96.7421	32.7499
2092	2	1	2.0	-96.7325	32.7468
2178	2	1	2.2	-96.7146	32.7461
2181	2	1	2.0	-96.7144	32.7480
2182	2	1	2.3	-96.7155	32.7472
2188	2	1	2.1	-96.7209	32.7595
2189	2	1	2.6	-96.7232	32.7570
2222	2	1	2.9	-96.7284	32.7544
2224	2	1	3.0	-96.7296	32.7554
2229	2	1	2.6	-96.7296	32.7573
Total Acres:			40.9		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2017 - Overall

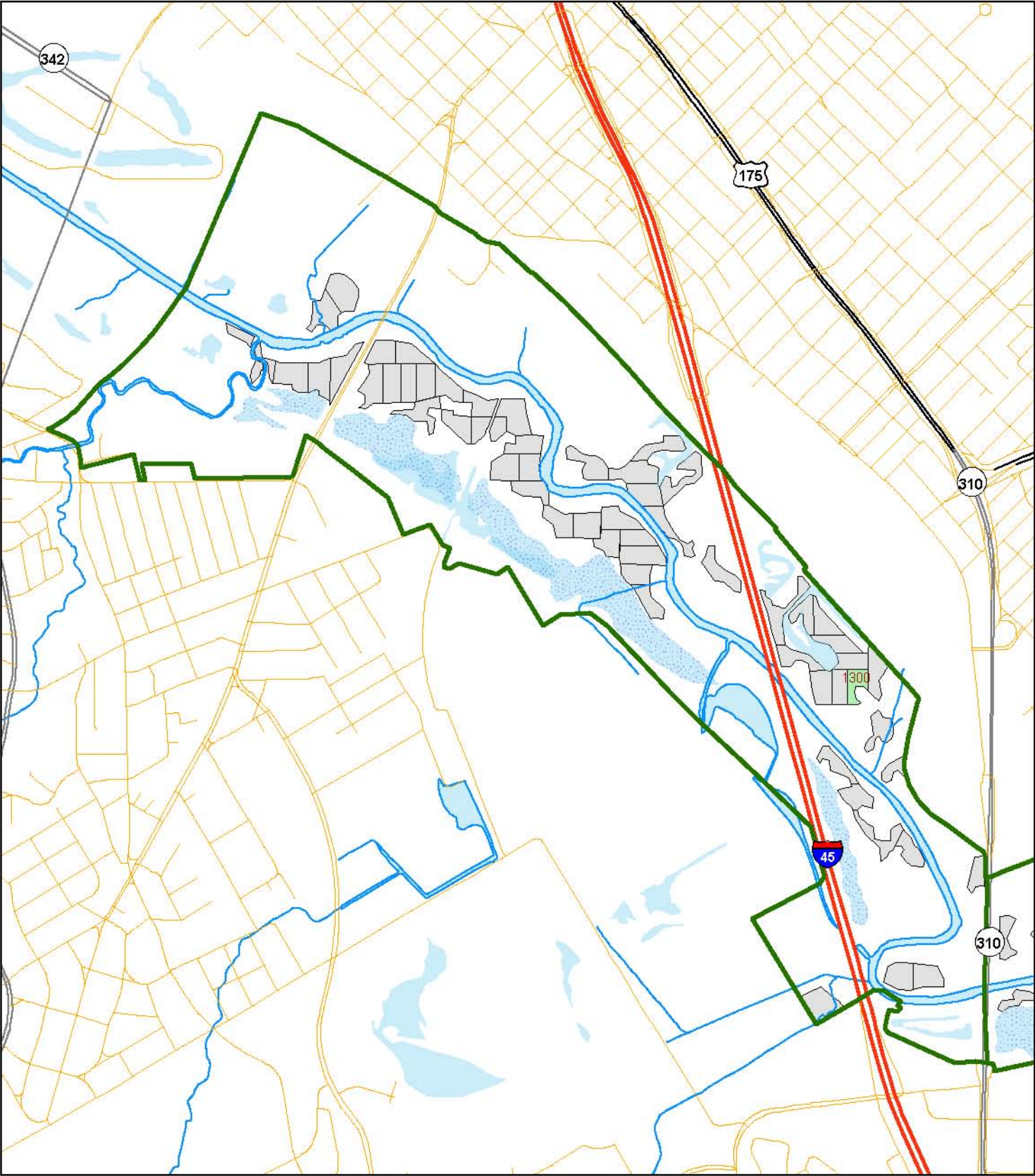


Stands

- Others
- Management Unit 2017



Management Unit 2017 - Sector 1

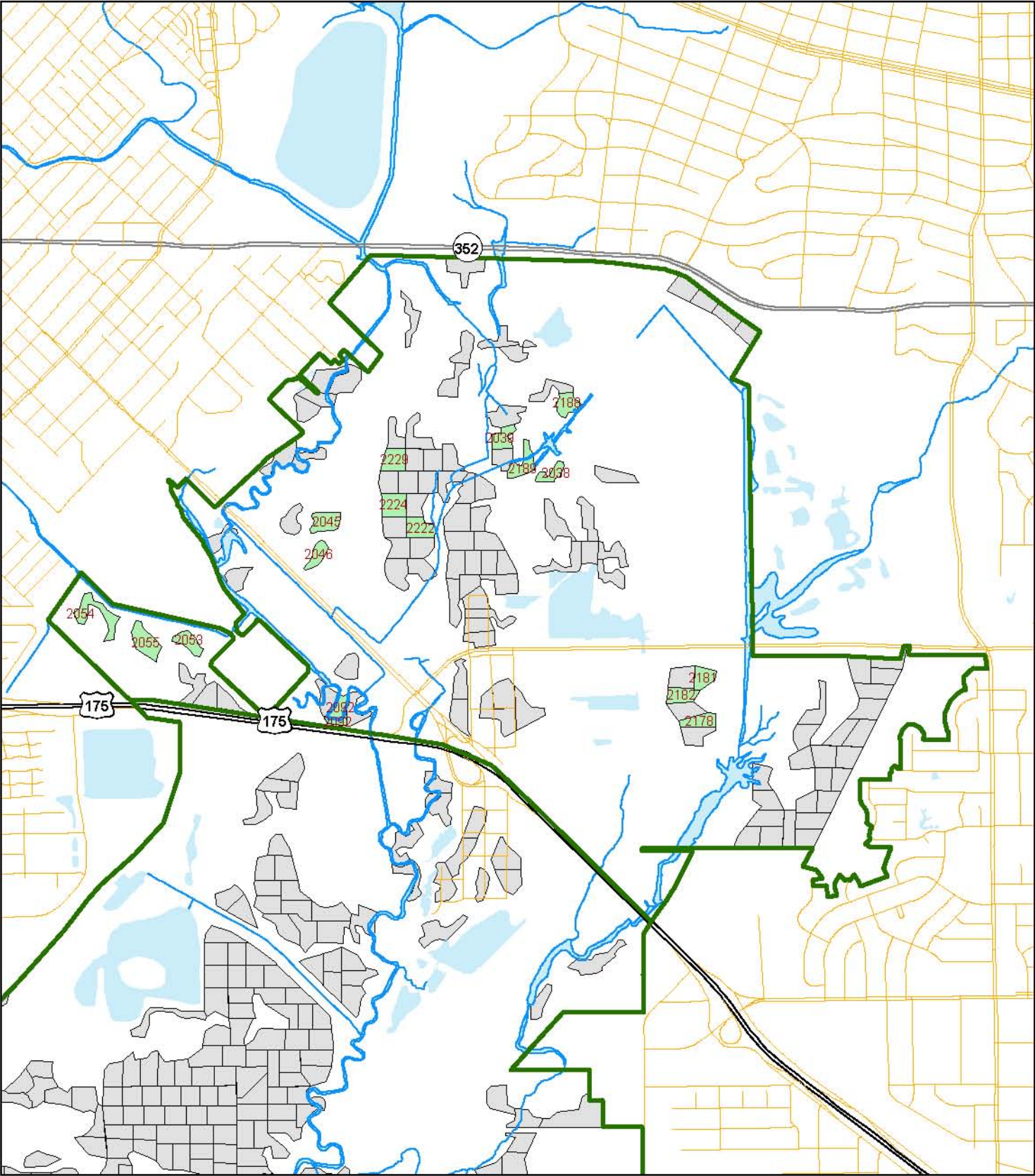


Stands
Others
Management Unit 2017



0 0.25 0.5
Miles

Management Unit 2017 - Sector 2

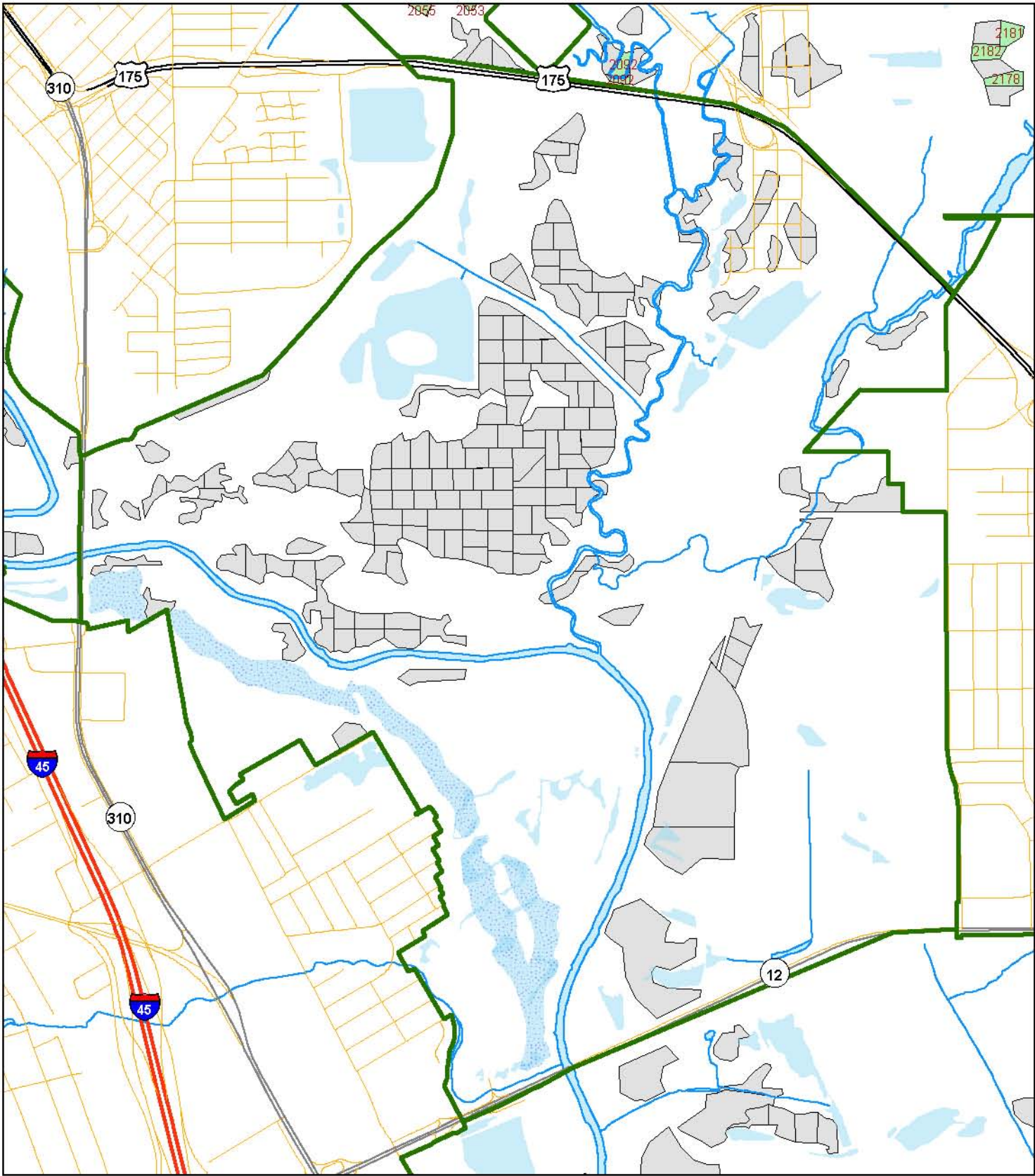


Stands
Others
Management Unit 2017



0 0.25 0.5
Miles

Management Unit 2017 - Sector 3

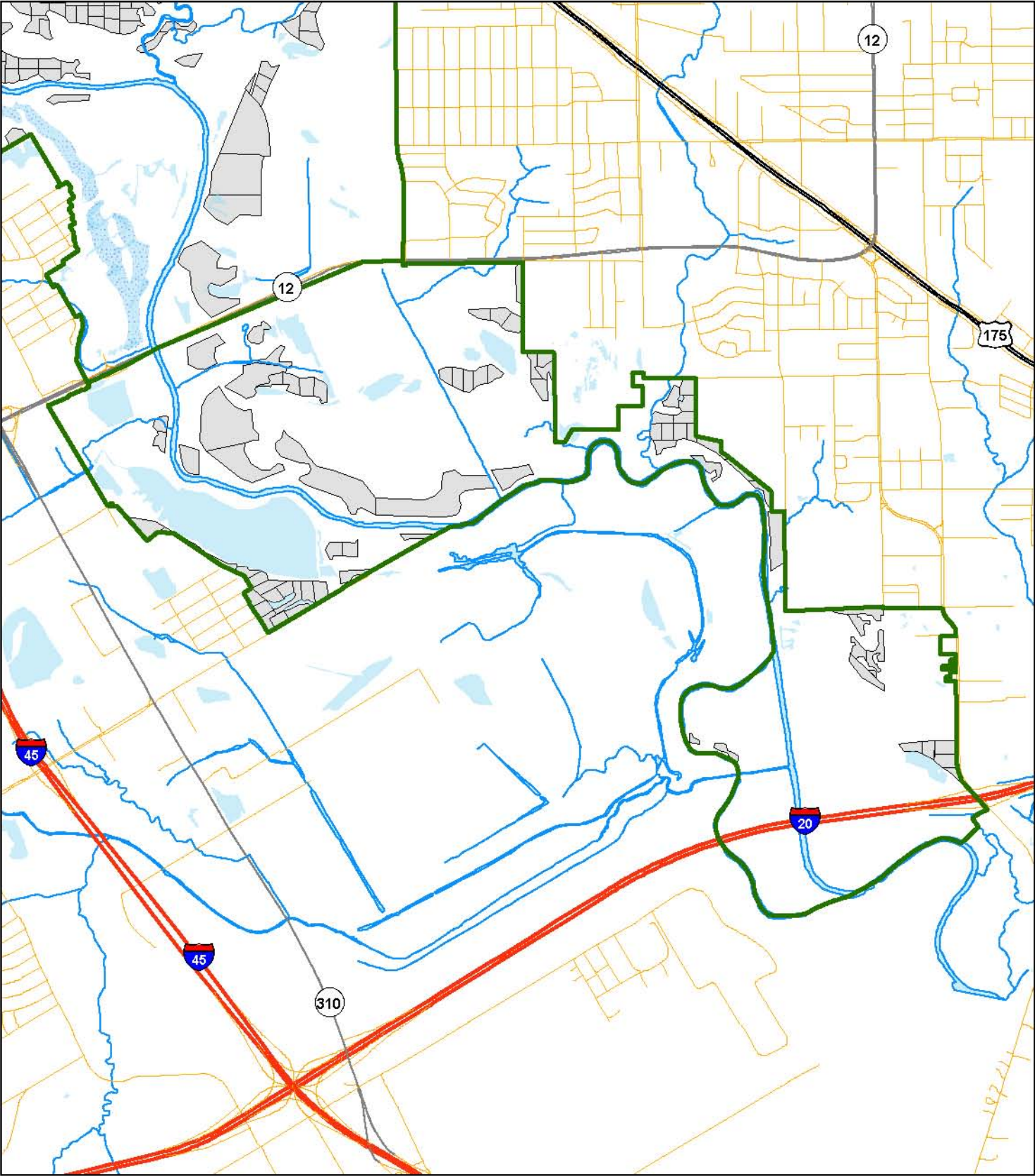


Stands
Others
Management Unit 2017



0 0.25 0.5
Miles

Management Unit 2017 - Sector 4



Stands
Others
Management Unit 2017



0 0.25 0.5 1
Miles

Management Unit 2018

DESCRIPTION

Management Unit 2018 is composed of the forest stands that in the year 2018 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2018

Prepare Stands with Herbicide – October 2018

Plant Trees – December 2018

Monitor – Fall 2019 & 2020

Plant Shrubs – December 2028

Monitor – Fall 2029 & 2030

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

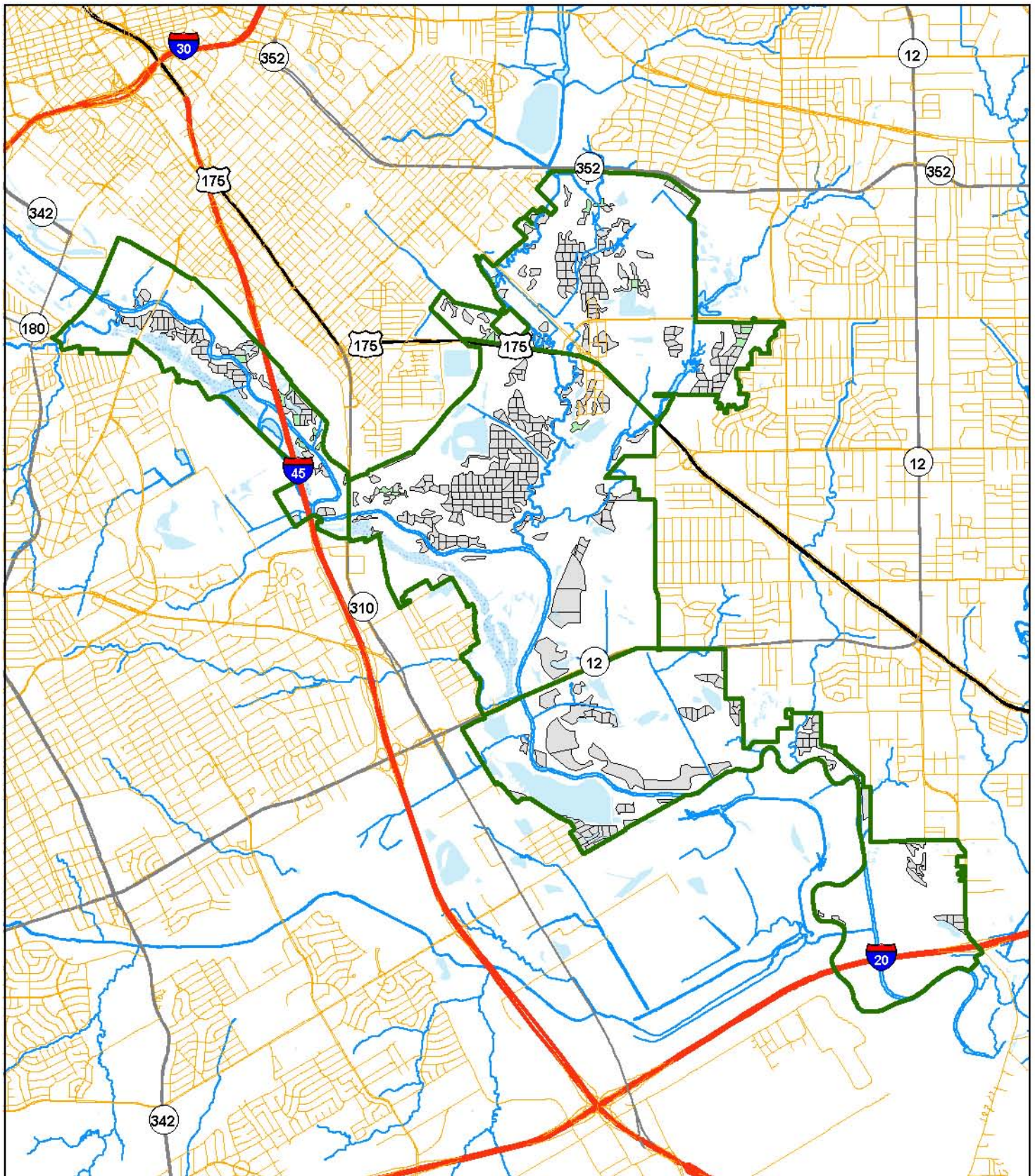
Management Unit 2018

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1075	1	1	2.2	-96.7624	32.7372
1079	1	1	1.3	-96.7618	32.7358
1284	1	1	2.0	-96.7642	32.7361
1291	1	1	2.5	-96.7719	32.7457
1292	1	1	3.3	-96.7664	32.7415
1296	1	1	2.5	-96.7648	32.7388
2035	2	1	2.0	-96.7243	32.7623
2040	2	1	2.1	-96.7333	32.7600
2047	2	1	1.8	-96.7384	32.7541
2158	2	1	2.4	-96.7054	32.7479
2159	2	1	3.0	-96.7062	32.7465
2186	2	1	2.4	-96.7260	32.7619
2199	2	1	2.0	-96.7199	32.7533
2236	2	1	2.1	-96.7390	32.7475
3061	3	1	3.5	-96.7277	32.7375
3253	3	1	2.1	-96.7519	32.7304
3254	3	1	2.2	-96.7532	32.7308
Total Acres:			39.6		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2018 - Overall

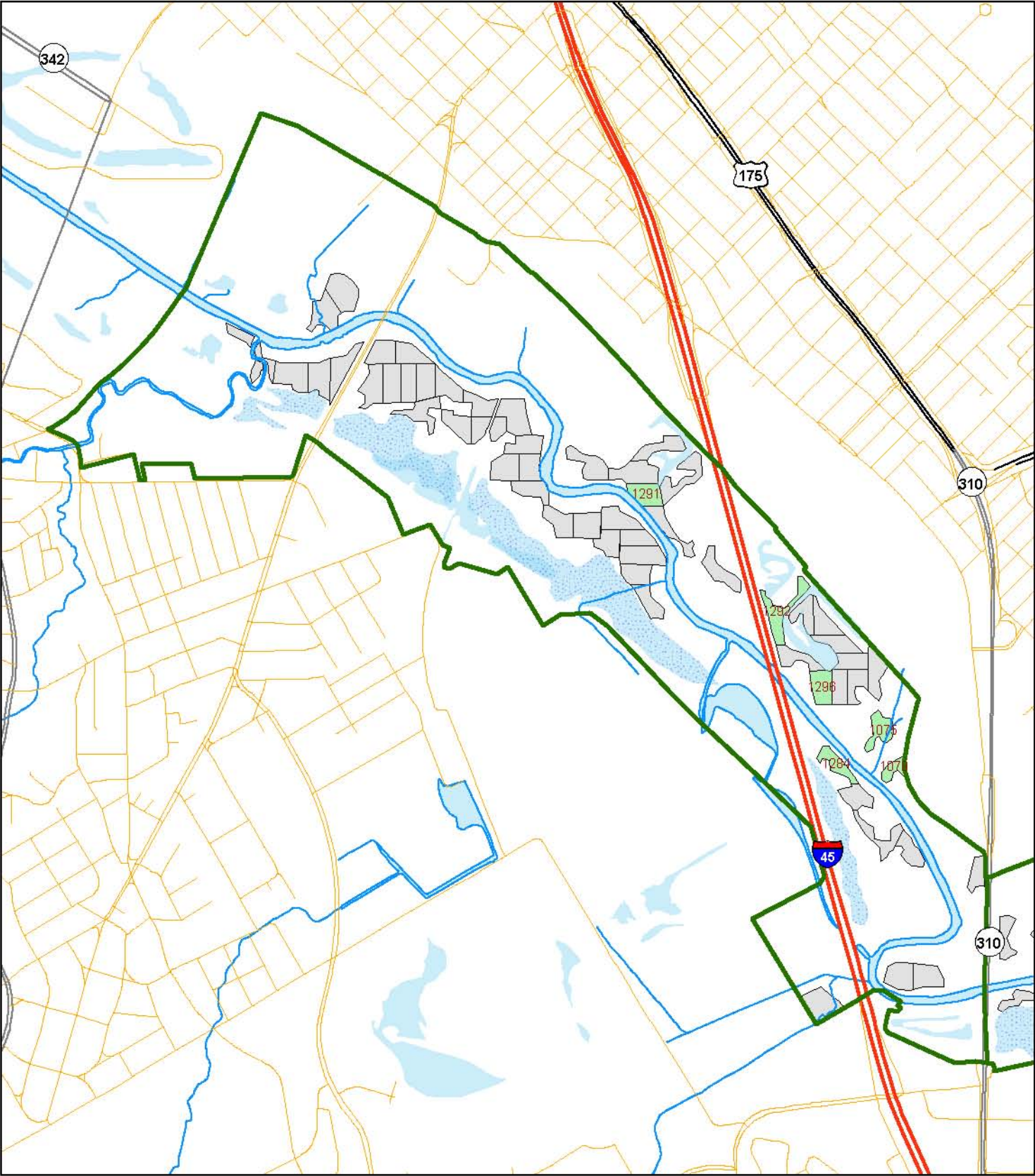


Stands

- Others
- Management Unit 2018



Management Unit 2018 - Sector 1

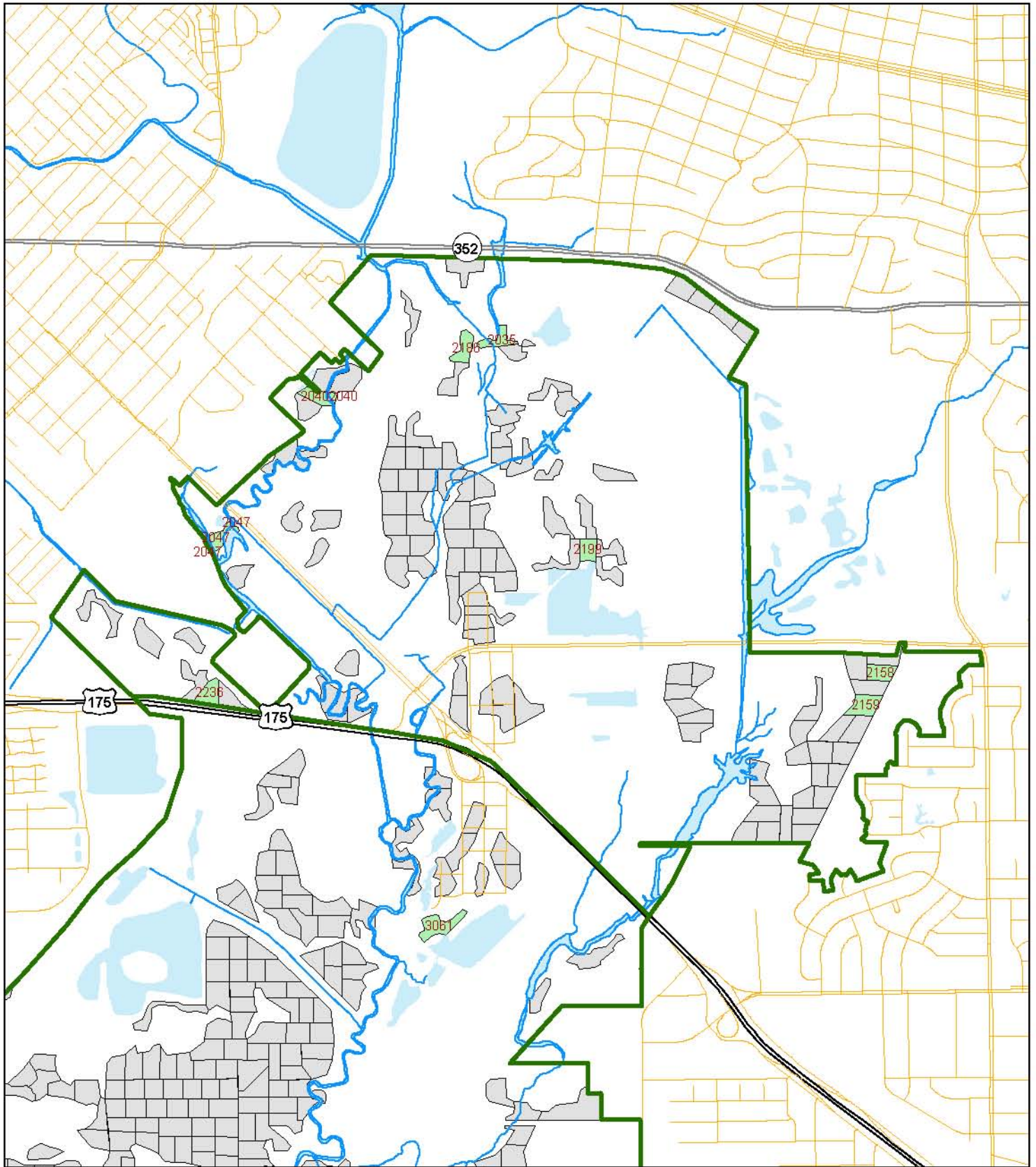


Stands
Others
Management Unit 2018



0 0.25 0.5
Miles

Management Unit 2018 - Sector 2



Stands

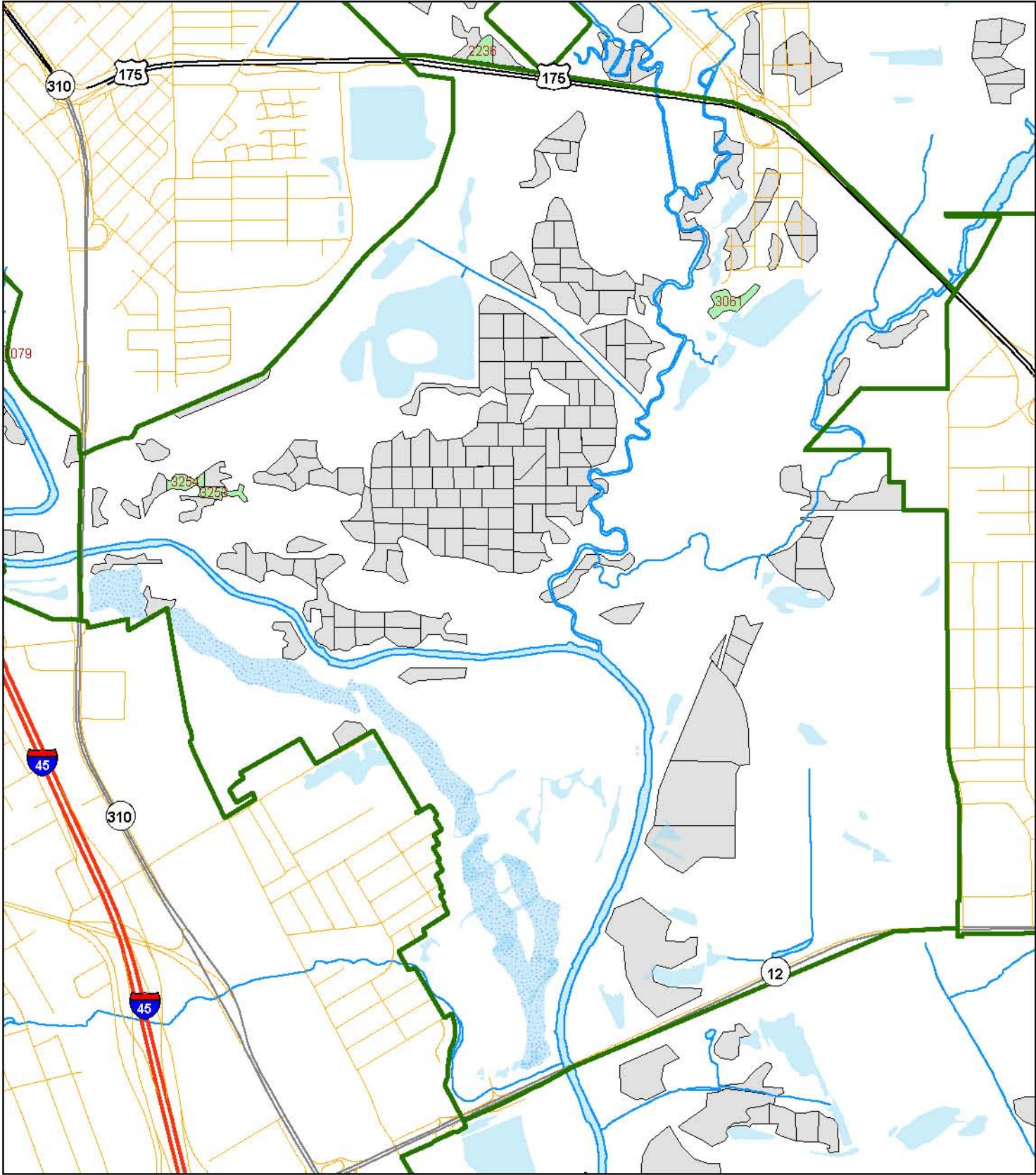
☐ Others

Management Unit 2018



A horizontal scale bar with tick marks at 0, 0.25, and 0.5. The word "Miles" is centered below the bar.

Management Unit 2018 - Sector 3

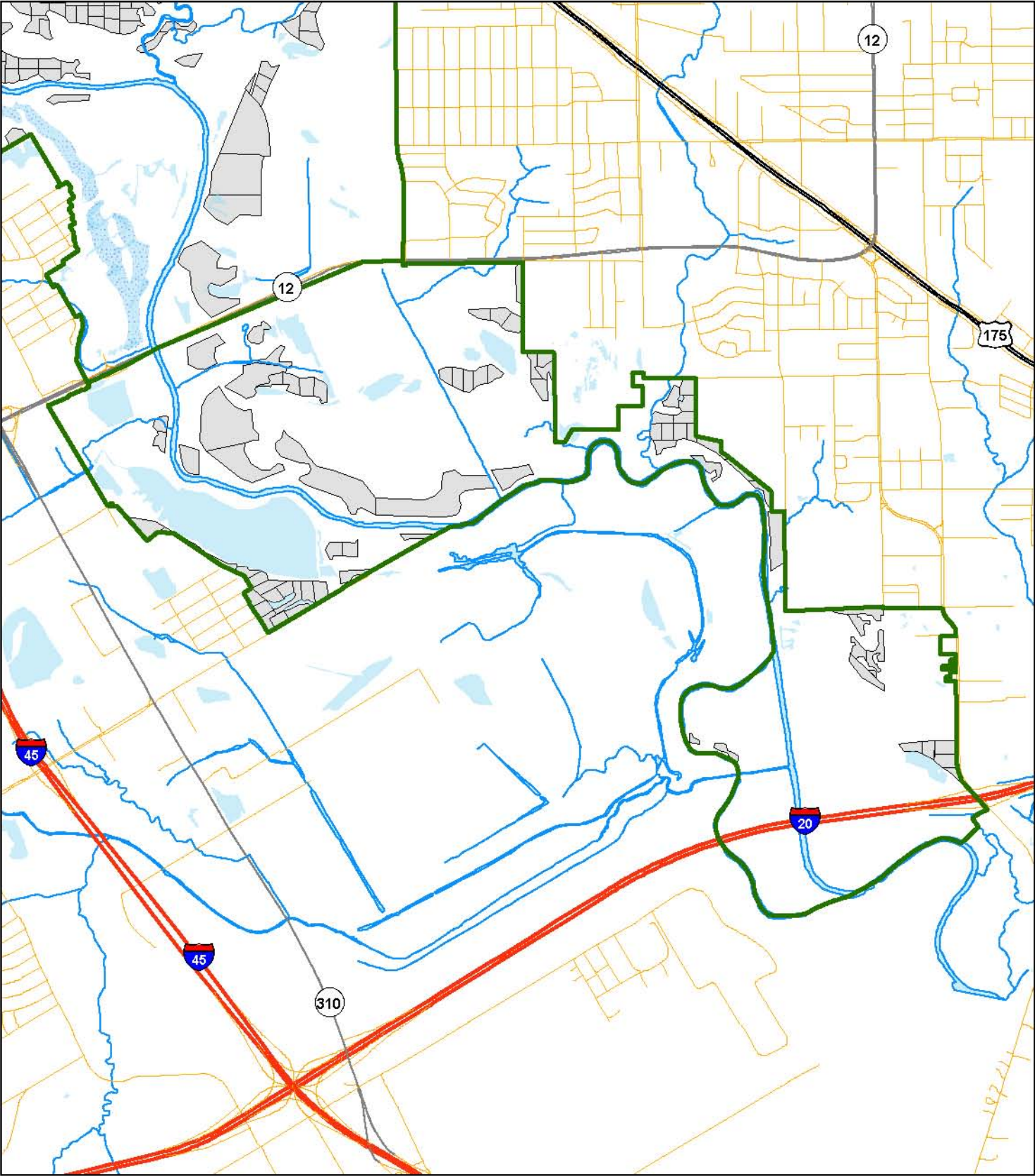


Stands
Others
Management Unit 2018

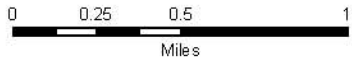


0 0.25 0.5
Miles

Management Unit 2018 - Sector 4



Stands
Others
Management Unit 2018



Management Unit 2019

DESCRIPTION

Management Unit 2019 is composed of the forest stands that in the year 2019 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2019

Prepare Stands with Herbicide – October 2019

Plant Trees – December 2019

Monitor – Fall 2020 & 2021

Plant Shrubs – December 2029

Monitor – Fall 2030 & 2031

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

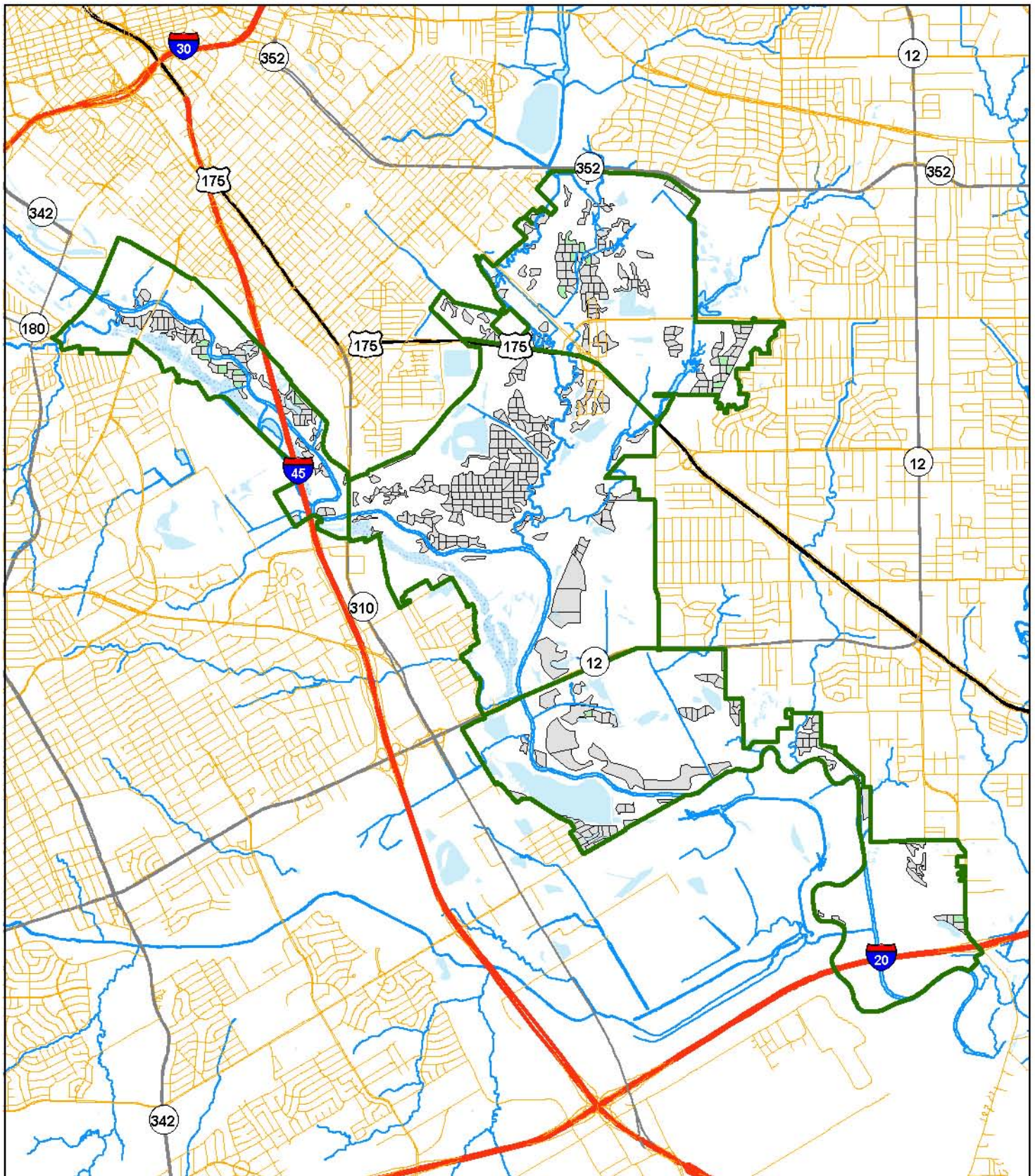
Management Unit 2019

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1272	1	1	2.3	-96.7770	32.7475
1275	1	1	2.2	-96.7767	32.7459
1277	1	1	2.7	-96.7744	32.7446
1281	1	1	2.1	-96.7724	32.7429
1282	1	1	2.1	-96.7724	32.7441
1294	1	1	2.2	-96.7646	32.7410
2029	2	1	2.8	-96.7085	32.7446
2167	2	1	2.7	-96.7092	32.7419
2170	2	1	2.0	-96.7077	32.7437
2214	2	1	2.2	-96.7260	32.7560
2219	2	1	3.2	-96.7295	32.7526
2226	2	1	2.8	-96.7285	32.7582
2228	2	1	2.3	-96.7268	32.7573
2234	2	1	2.4	-96.7279	32.7564
4003	4	1	3.5	-96.6786	32.6821
4128	4	1	2.1	-96.7271	32.7055
Total Acres:			39.6		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2019 - Overall

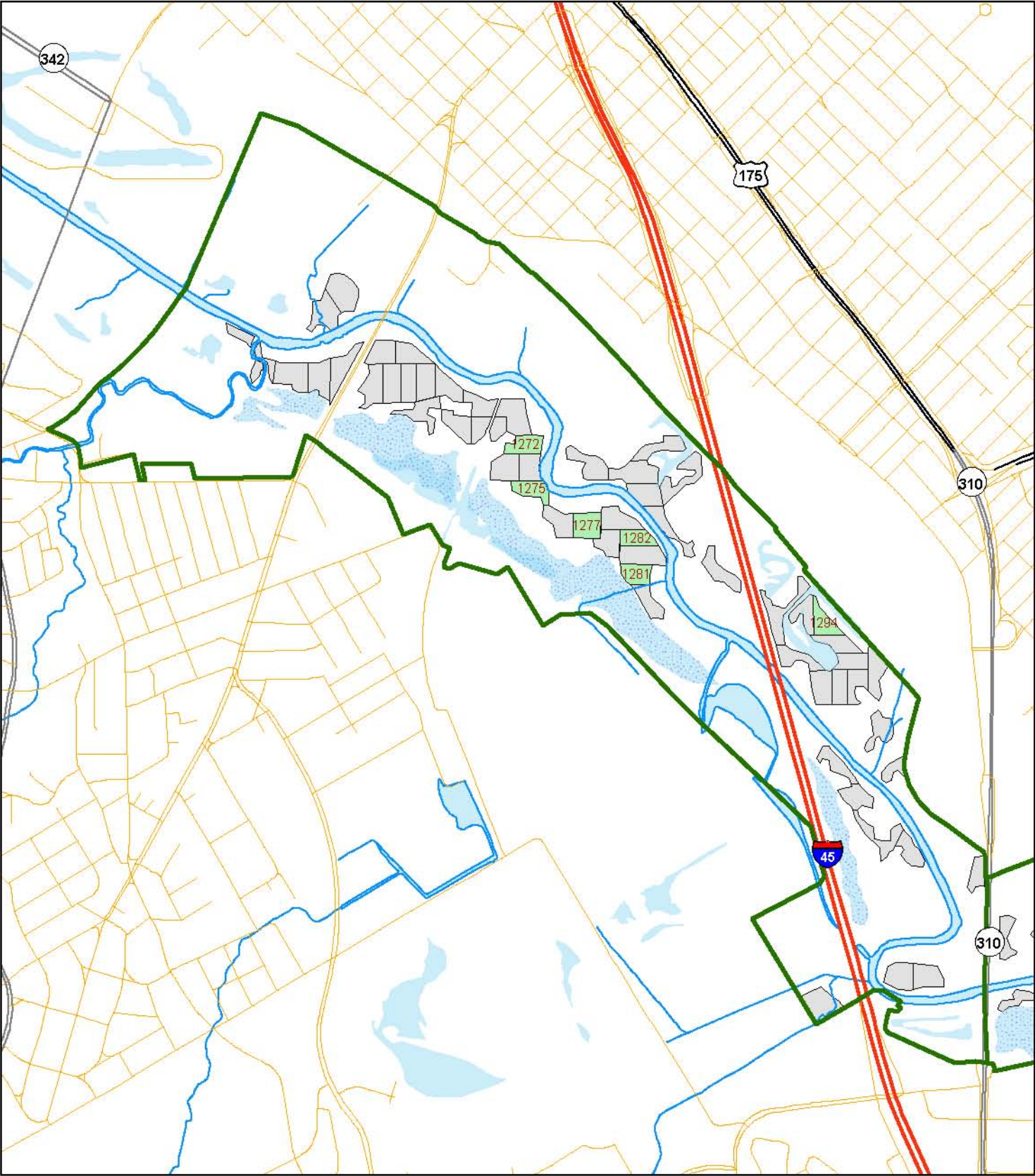


Stands

- Others
- Management Unit 2019



Management Unit 2019 - Sector 1

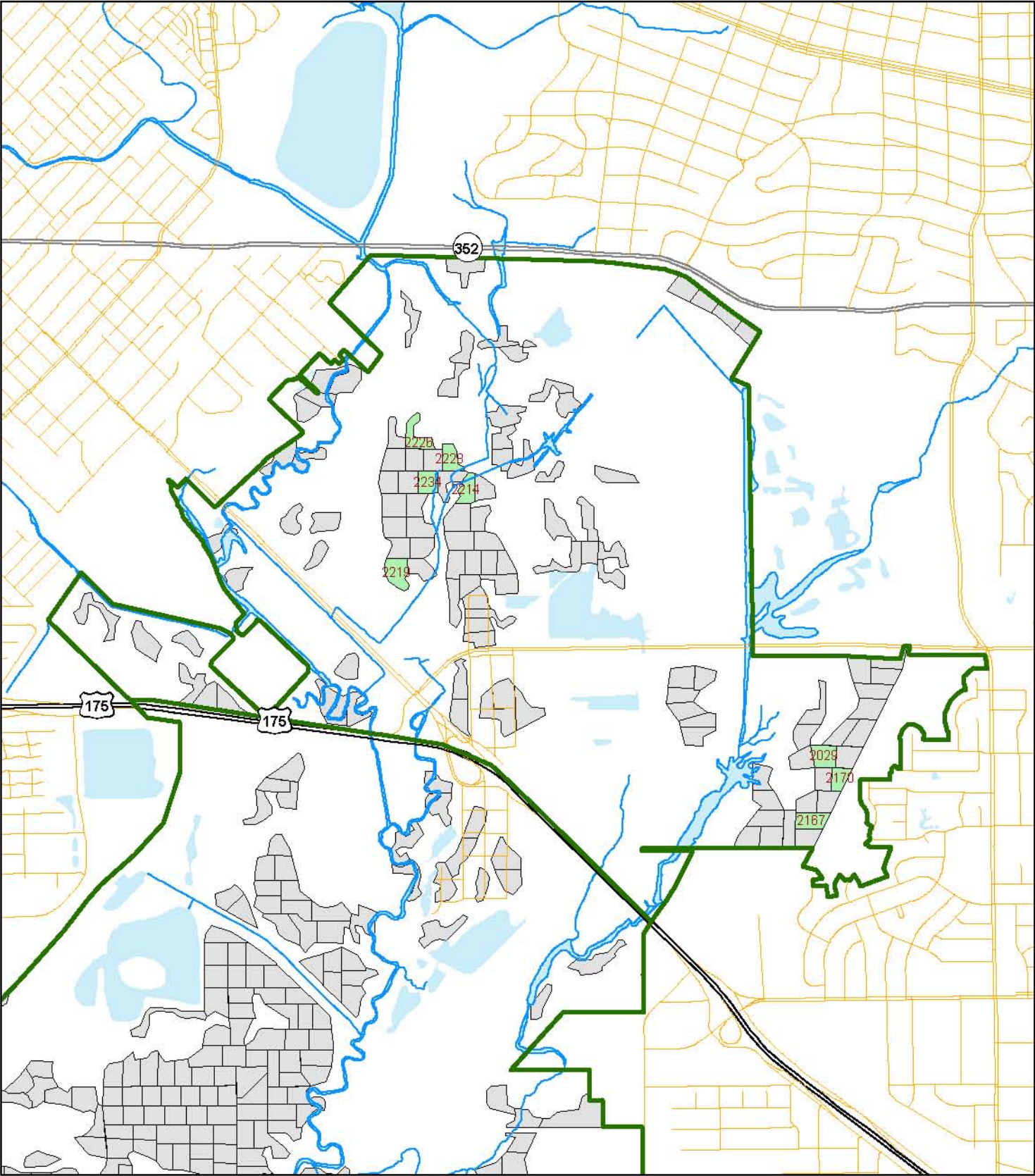


Stands
Others
Management Unit 2019



0 0.25 0.5
Miles

Management Unit 2019 - Sector 2

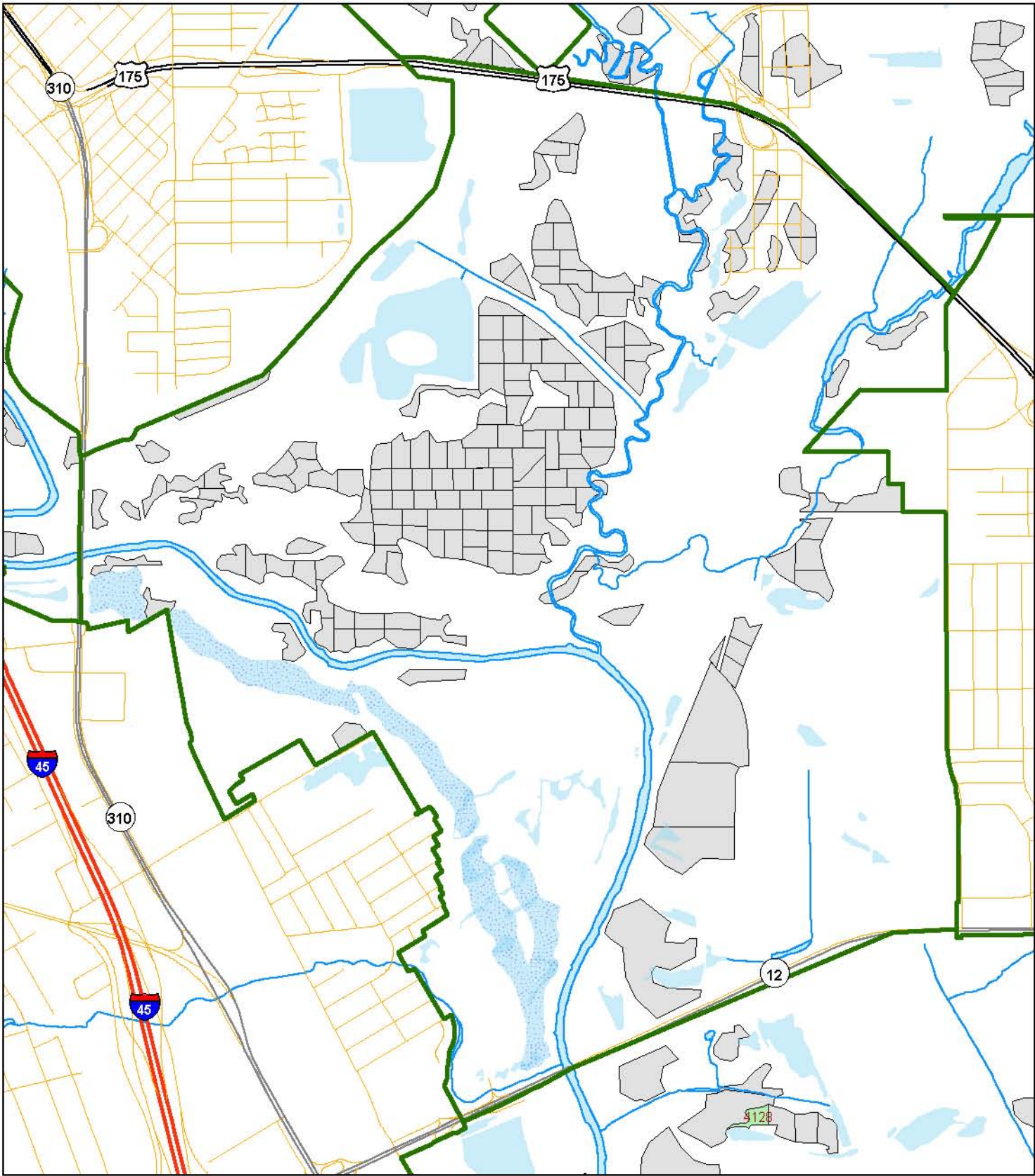


Stands
Others
Management Unit 2019



0 0.25 0.5
Miles

Management Unit 2019 - Sector 3



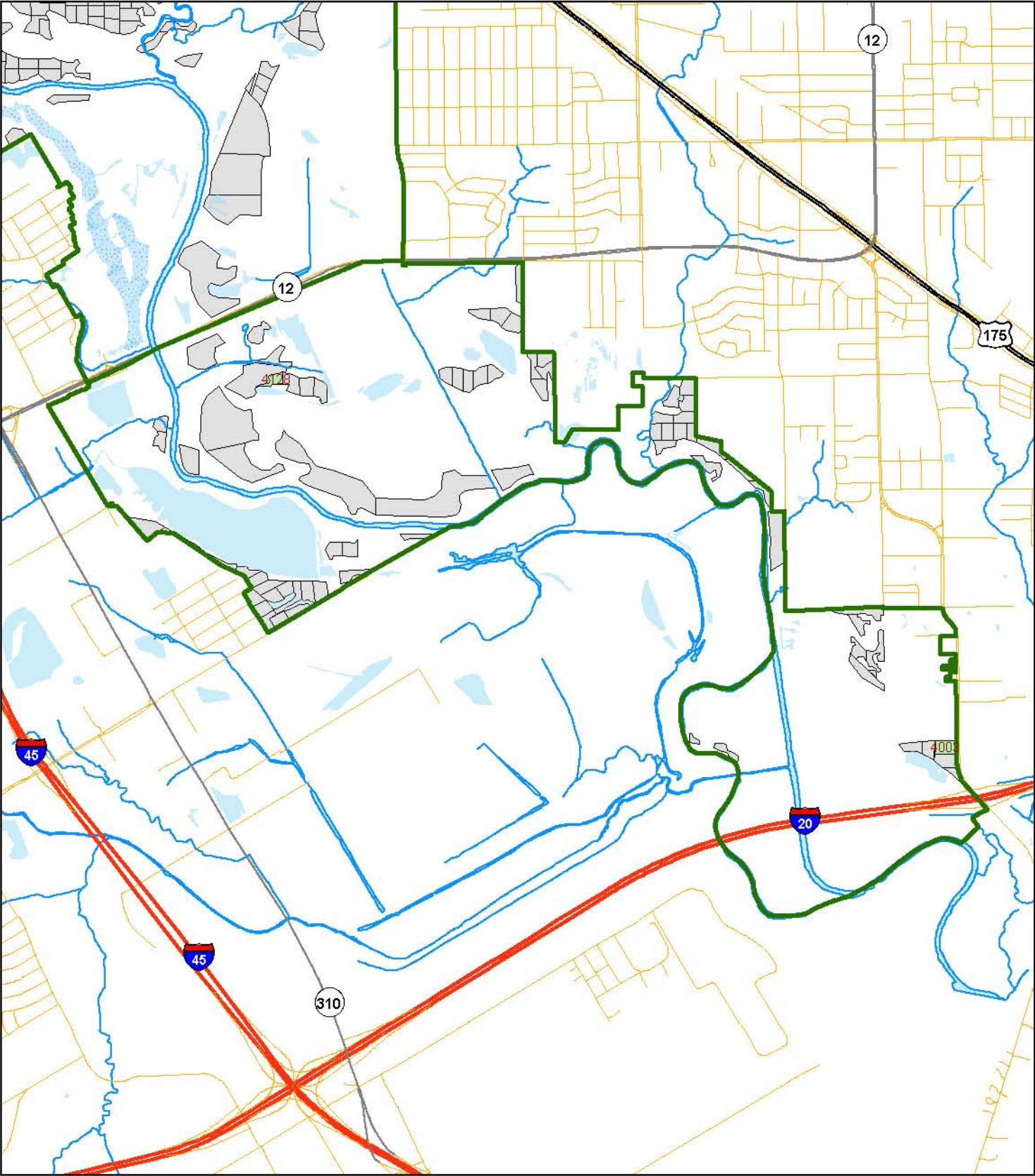
Stands

- Others
- Management Unit 2019



0 0.25 0.5
Miles

Management Unit 2019 - Sector 4



Stands
Others
Management Unit 2019



0 0.25 0.5 1
Miles

Management Unit 2020

DESCRIPTION

Management Unit 2020 is composed of the forest stands that in the year 2020 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is composed of half category “1” stands and half category “2” stands. Category “2” stands should be closely monitored and evaluated to ensure planting success.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2020

Prepare Stands with Herbicide – October 2020

Plant Trees – December 2020

Monitor – Fall 2021 & 2022

Plant Shrubs – December 2030

Monitor – Fall 2031 & 2032

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site’s characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

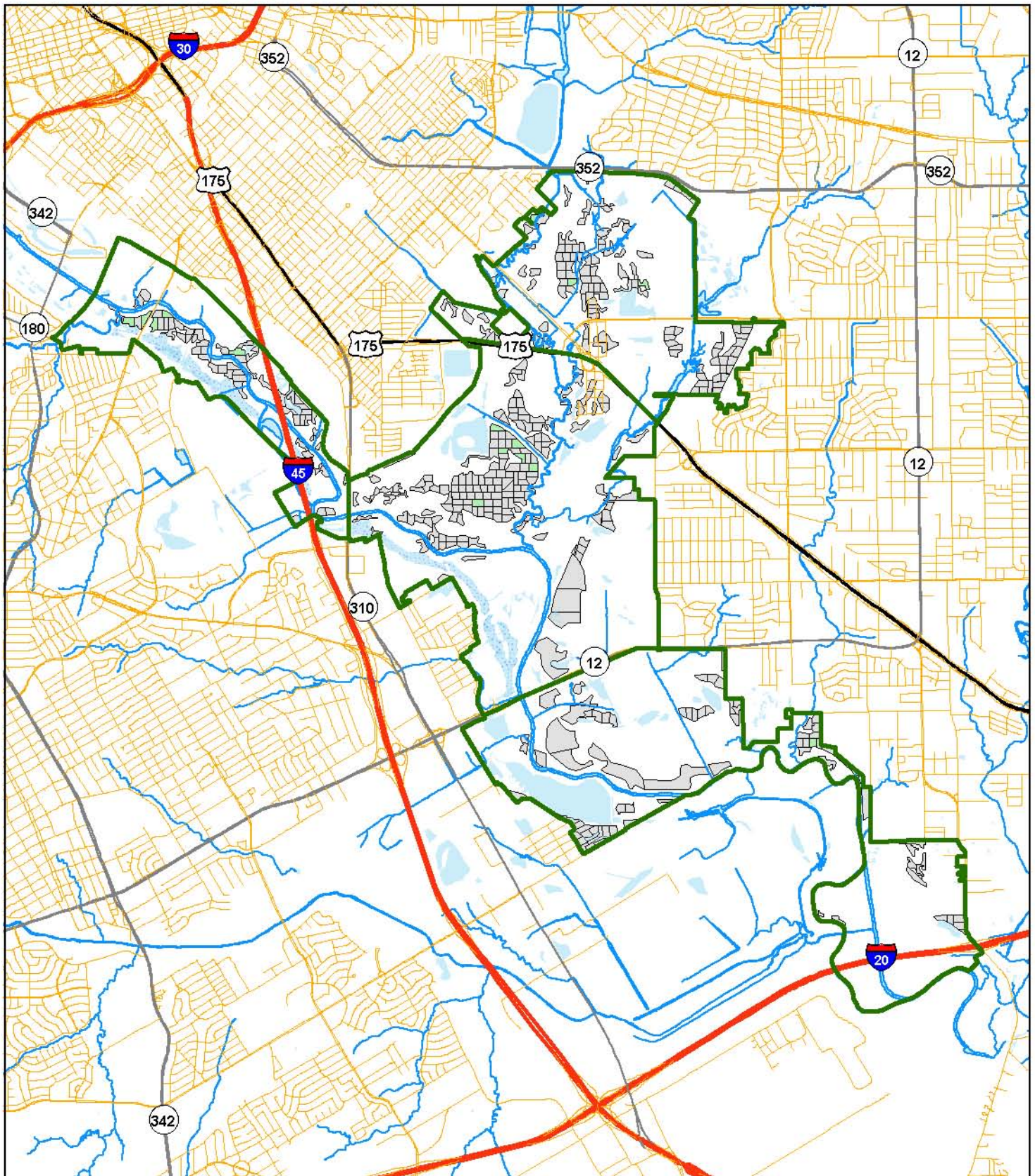
Management Unit 2020

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1071	1	1	3.3	-96.7724	32.7464
1258	1	1	3.2	-96.7866	32.7501
1259	1	1	2.8	-96.7846	32.7503
1261	1	1	2.9	-96.7833	32.7496
1263	1	1	2.3	-96.7817	32.7507
2041	2	1	2.2	-96.7188	32.7533
2193	2	1	2.5	-96.7329	32.7608
2220	2	1	2.4	-96.7283	32.7536
3329	3	2	2.5	-96.7385	32.7375
3333	3	2	3.0	-96.7358	32.7357
3341	3	2	2.1	-96.7376	32.7350
3343	3	2	2.2	-96.7353	32.7342
3347	3	2	2.7	-96.7337	32.7331
3410	3	2	3.4	-96.7411	32.7292
4008	4	1	2.5	-96.6976	32.7019
Total Acres:			40.0		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2020 - Overall

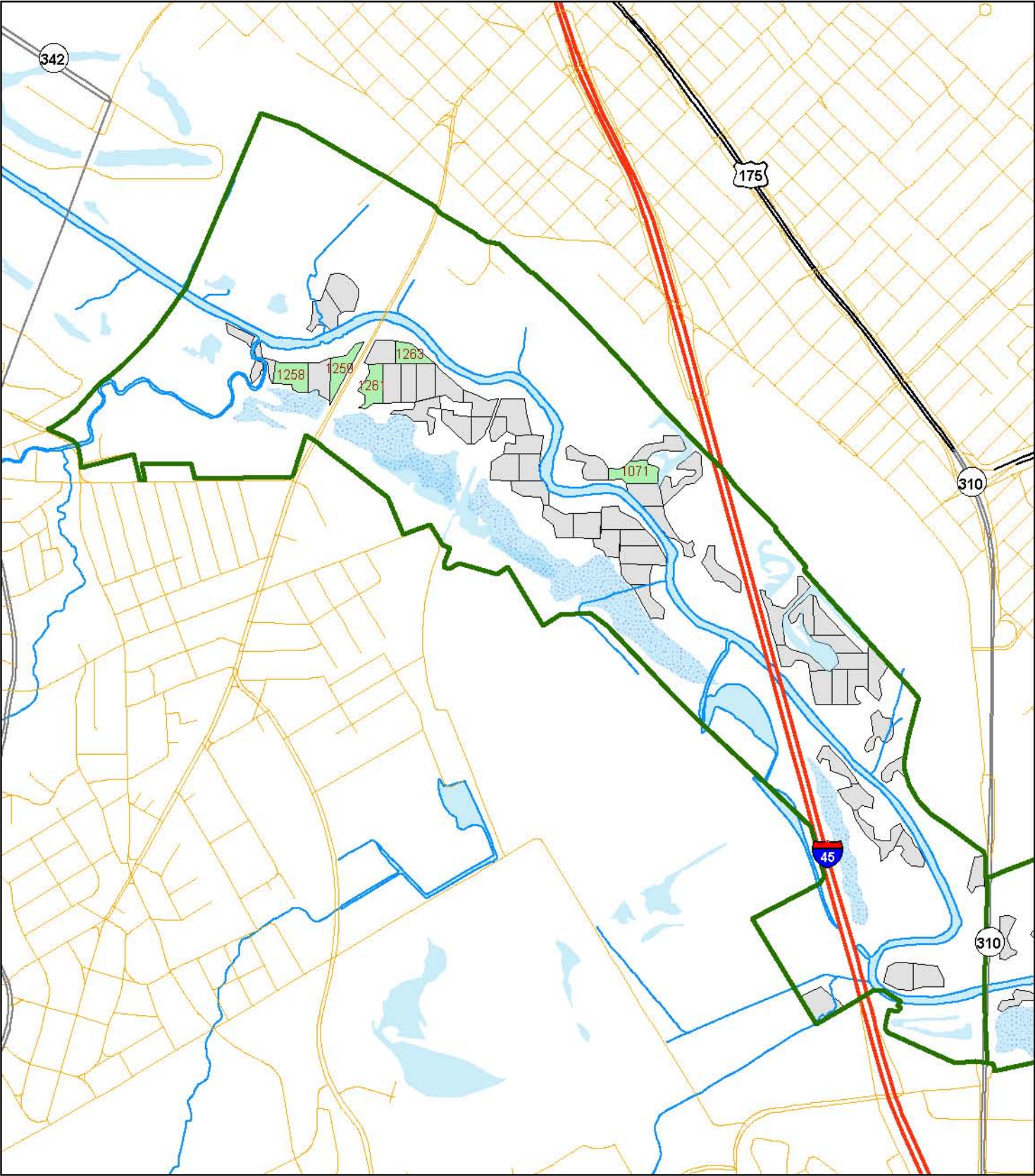


Stands

- Others
- Management Unit 2020



Management Unit 2020 - Sector 1

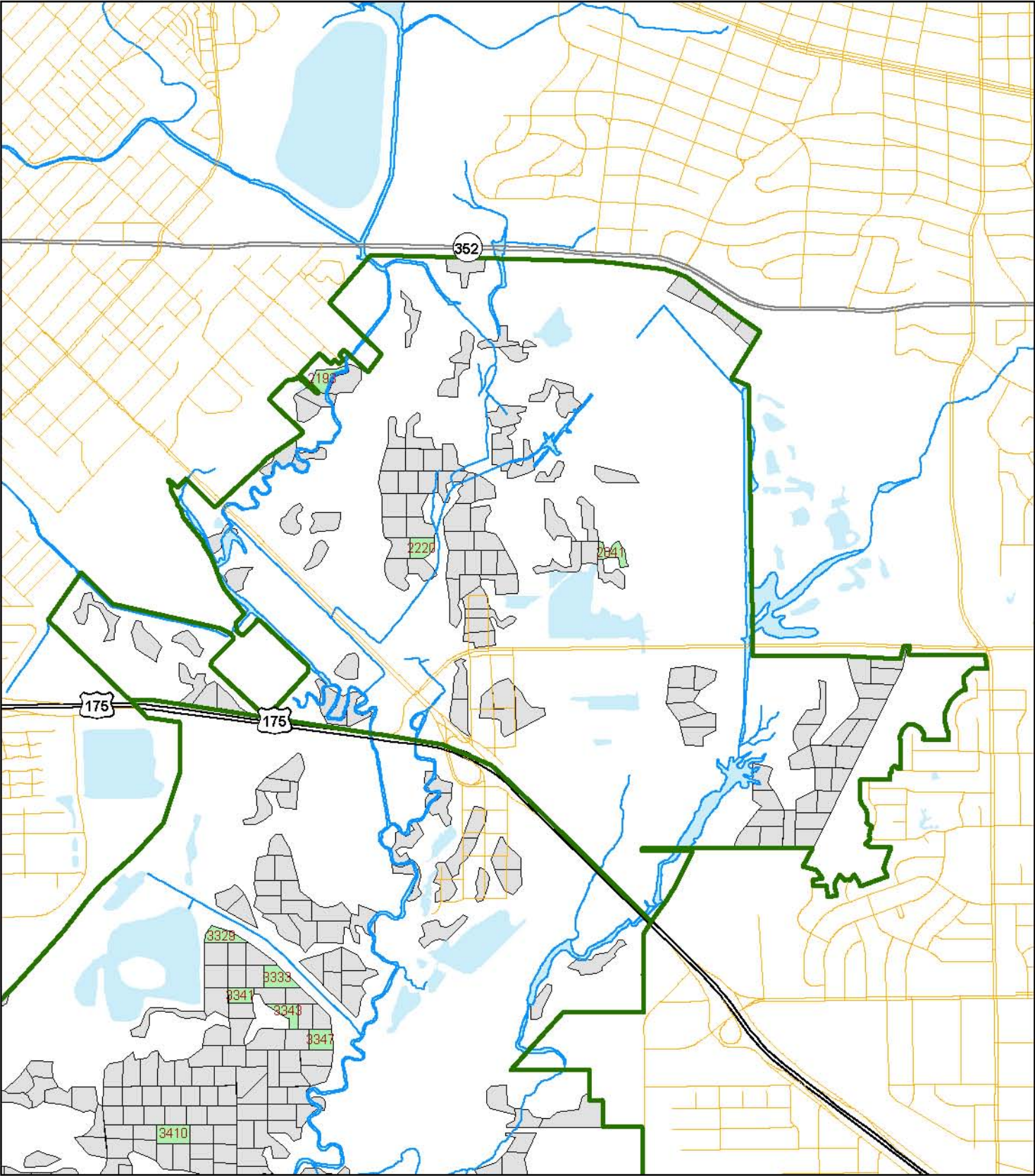


Stands
Others
Management Unit 2020



0 0.25 0.5
Miles

Management Unit 2020 - Sector 2

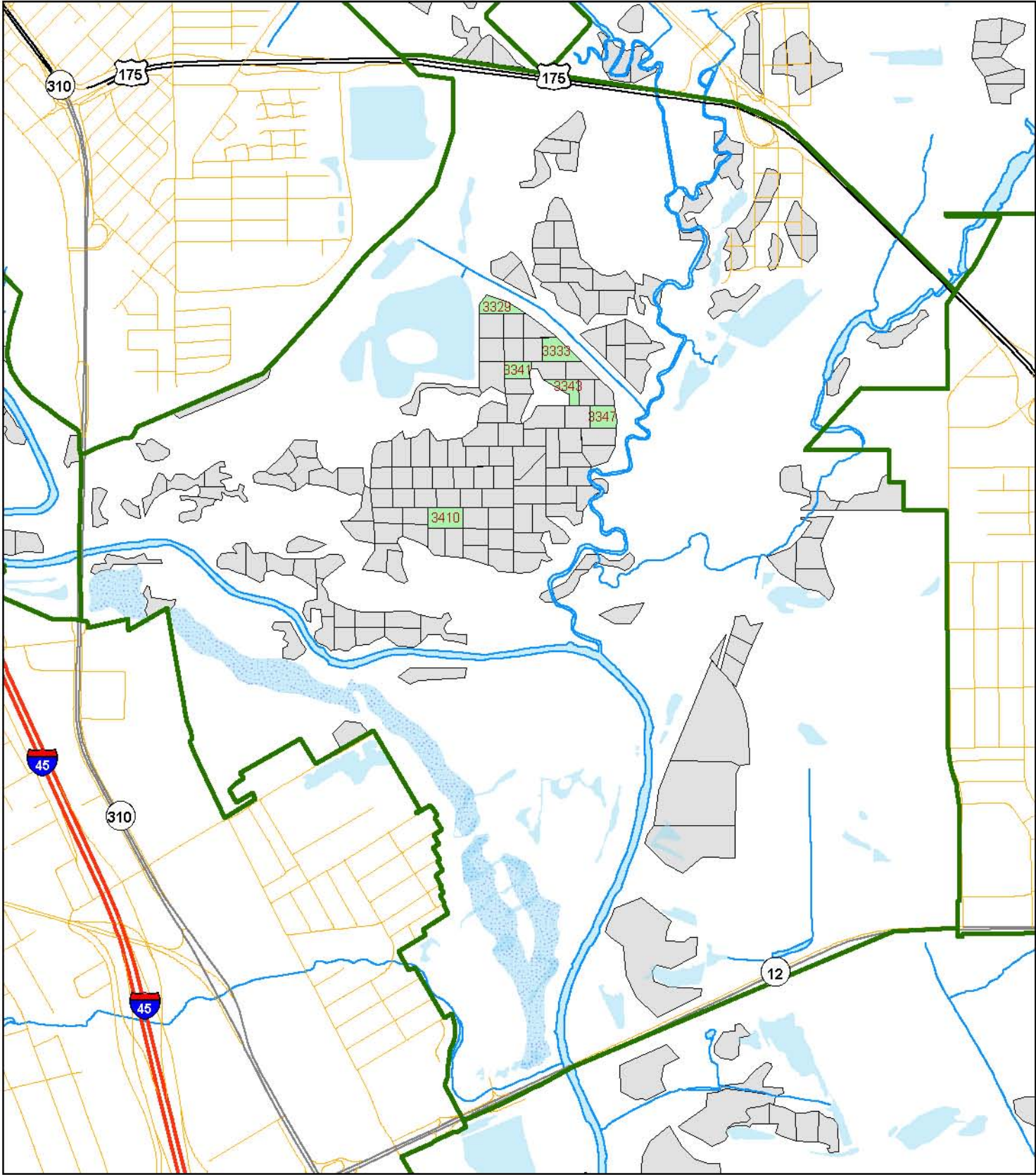


Stands
Others
Management Unit 2020



0 0.25 0.5
Miles

Management Unit 2020 - Sector 3

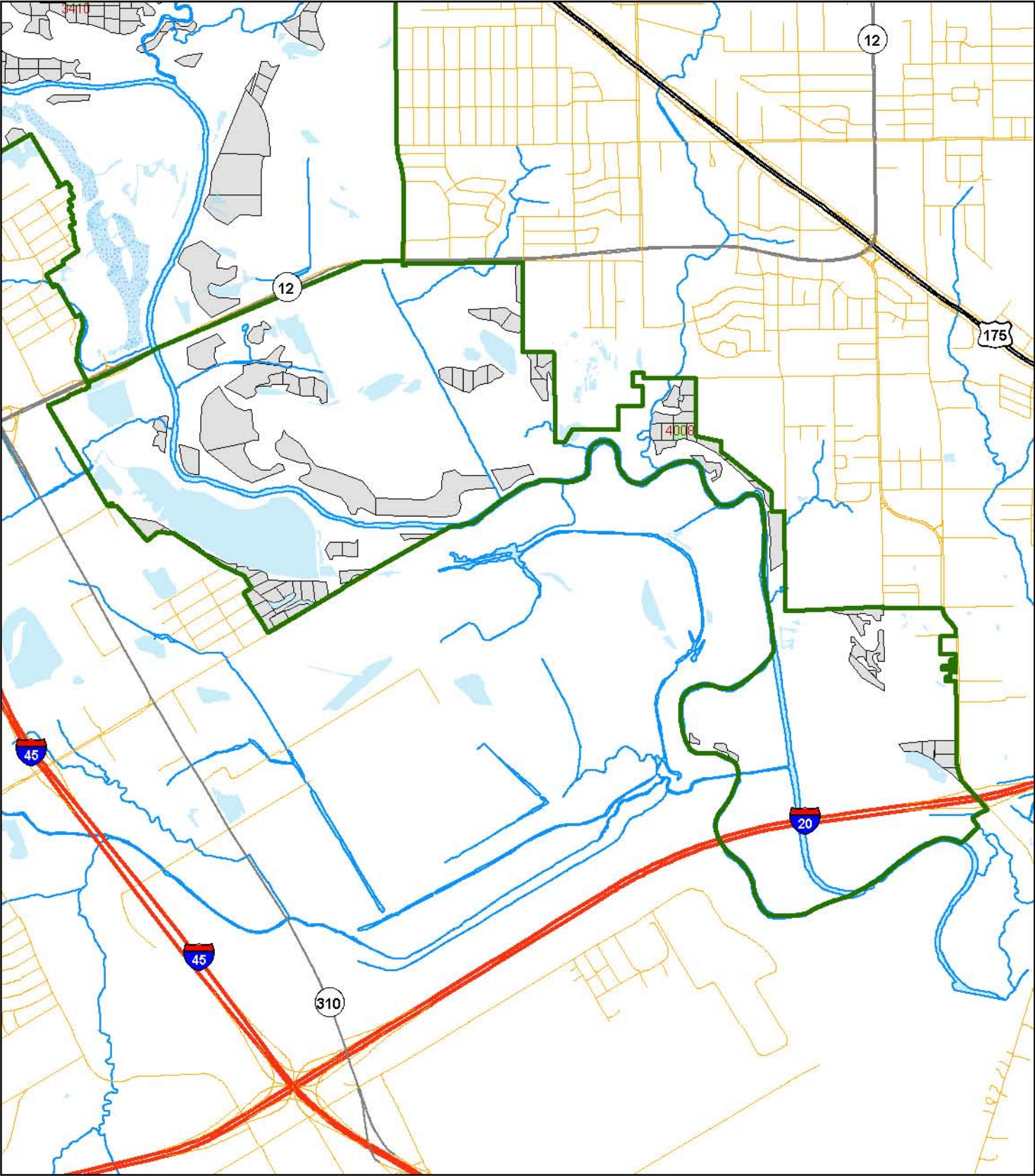


Stands
Others
Management Unit 2020



0 0.25 0.5
Miles

Management Unit 2020 - Sector 4



Stands
Others
Management Unit 2020



Management Unit 2021

DESCRIPTION

Management Unit 2021 is composed of the forest stands that in the year 2021 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. The unit is fully composed of category “2” stands.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2021

Prepare Stands with Herbicide – October 2021

Plant Trees – December 2021

Monitor – Fall 2022 & 2023

Plant Shrubs – December 2031

Monitor – Fall 2032 & 2033

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site’s characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

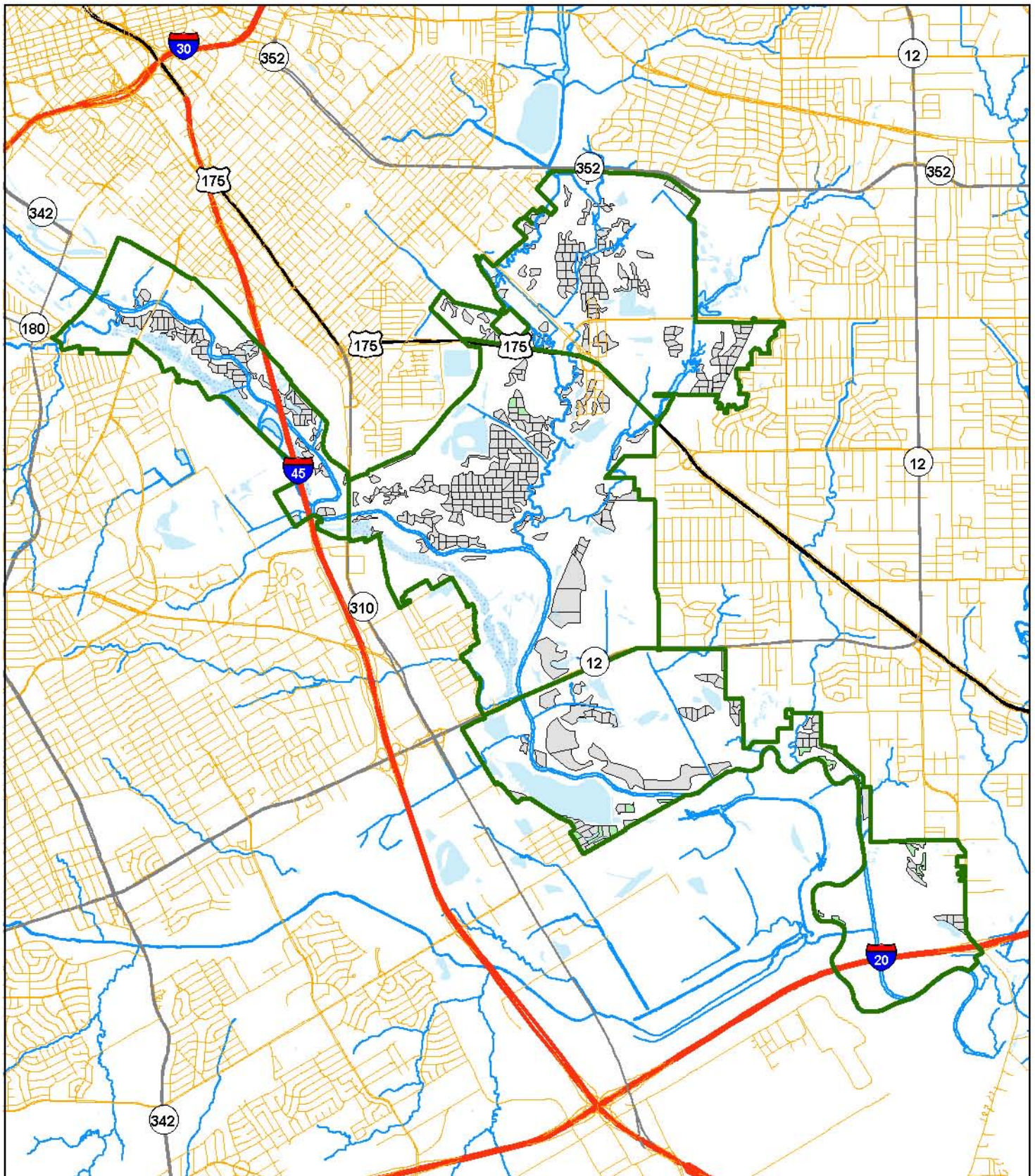
Management Unit 2021

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3320	3	2	2.4	-96.7363	32.7403
3323	3	2	2.2	-96.7350	32.7393
4004	4	2	1.9	-96.6946	32.6821
4005	4	2	0.8	-96.6970	32.6828
4007	4	2	4.2	-96.6836	32.6880
4009	4	2	3.3	-96.6955	32.6997
4011	4	2	2.5	-96.7218	32.6949
4013	4	2	1.8	-96.7169	32.6957
4093	4	2	1.2	-96.6780	32.6805
4107	4	2	2.3	-96.6848	32.6898
4108	4	2	2.6	-96.6915	32.6980
4114	4	2	2.3	-96.6988	32.7010
4133	4	2	3.3	-96.7325	32.6949
4135	4	2	3.2	-96.7240	32.6924
4141	4	2	2.3	-96.7289	32.6921
4144	4	2	3.0	-96.7257	32.6920
Total Acres:			39.5		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2021 - Overall

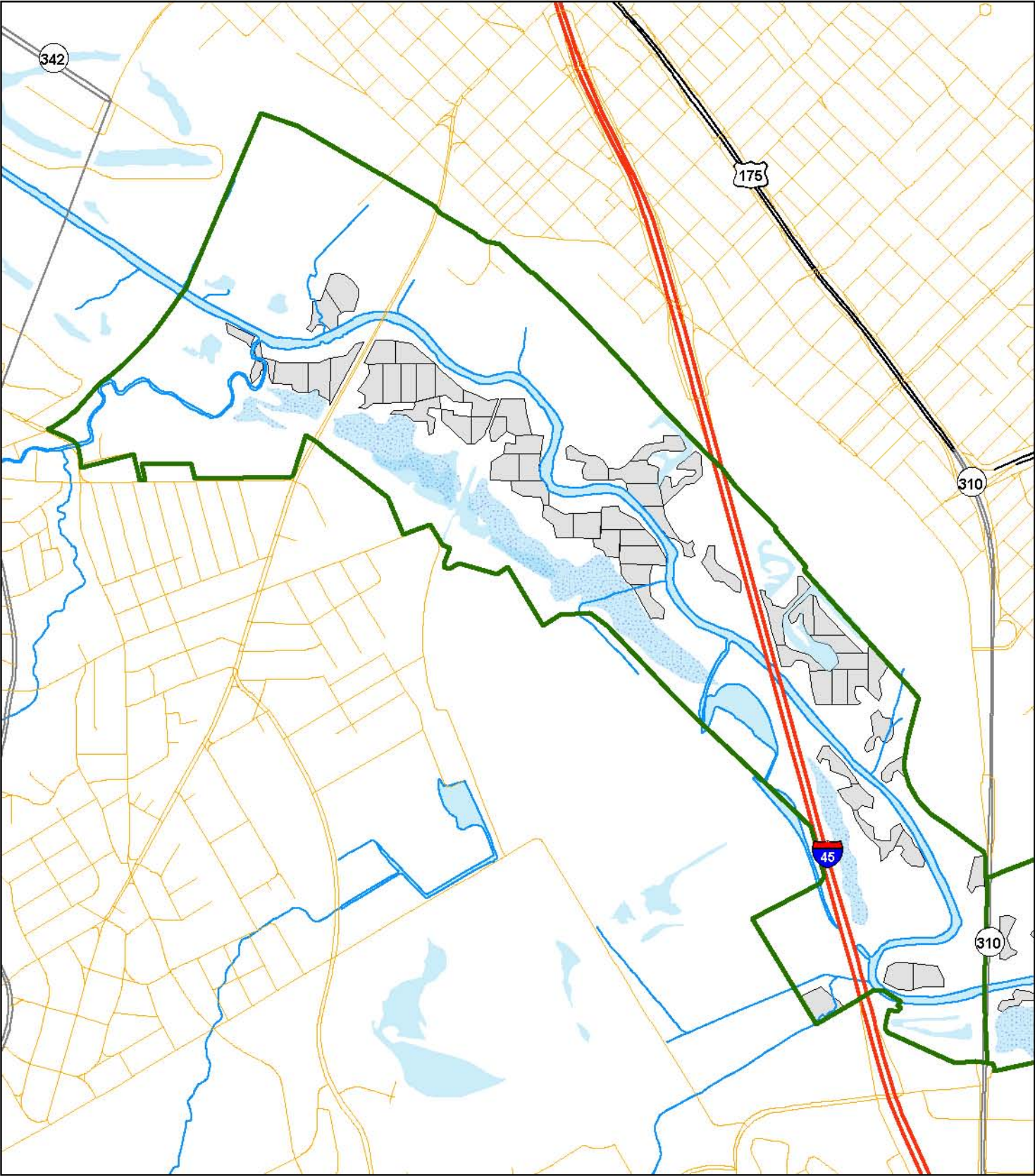


Stands

- Others
- Management Unit 2021



Management Unit 2021 - Sector 1

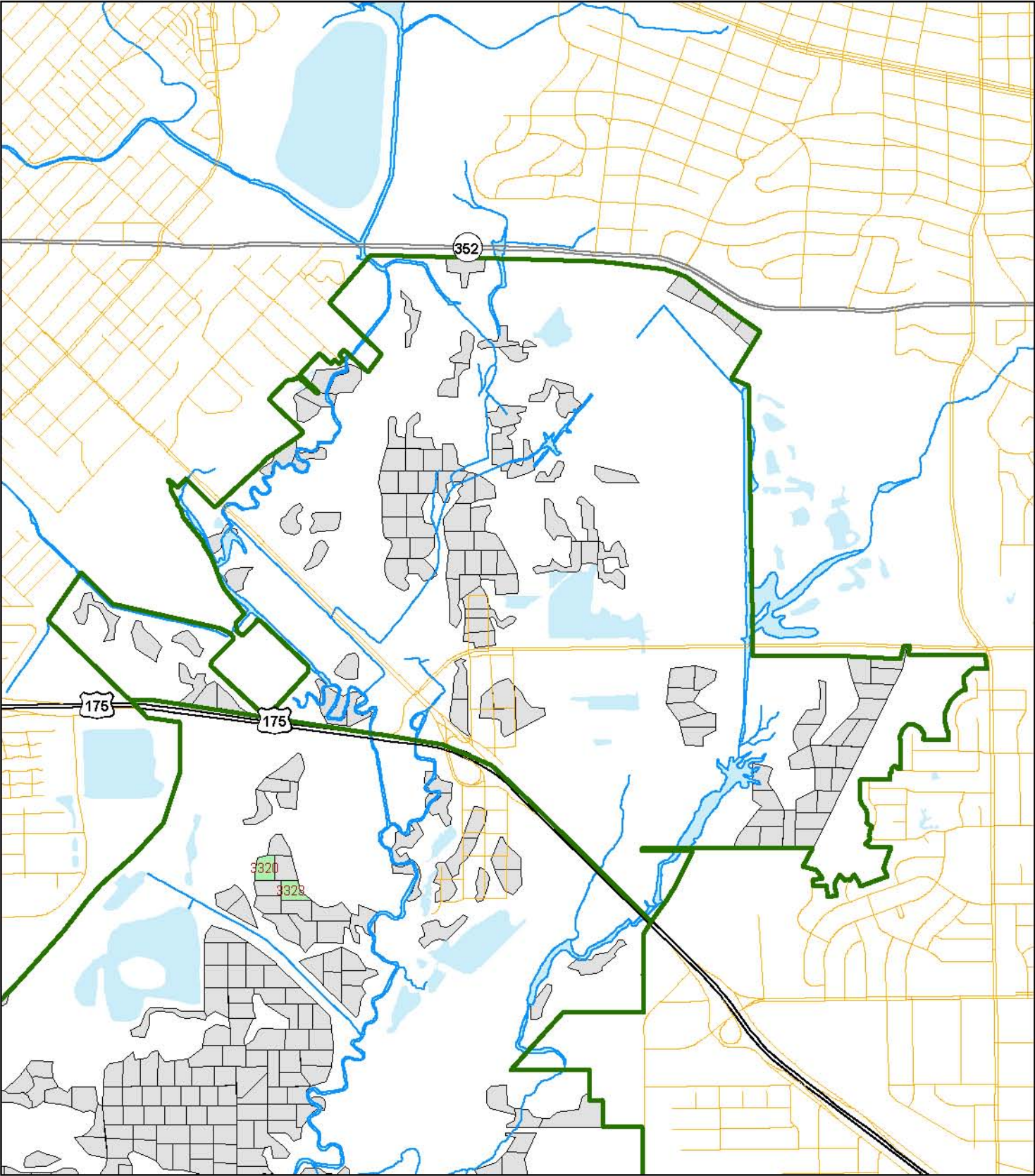


Stands
Others
Management Unit 2021



0 0.25 0.5
Miles

Management Unit 2021 - Sector 2

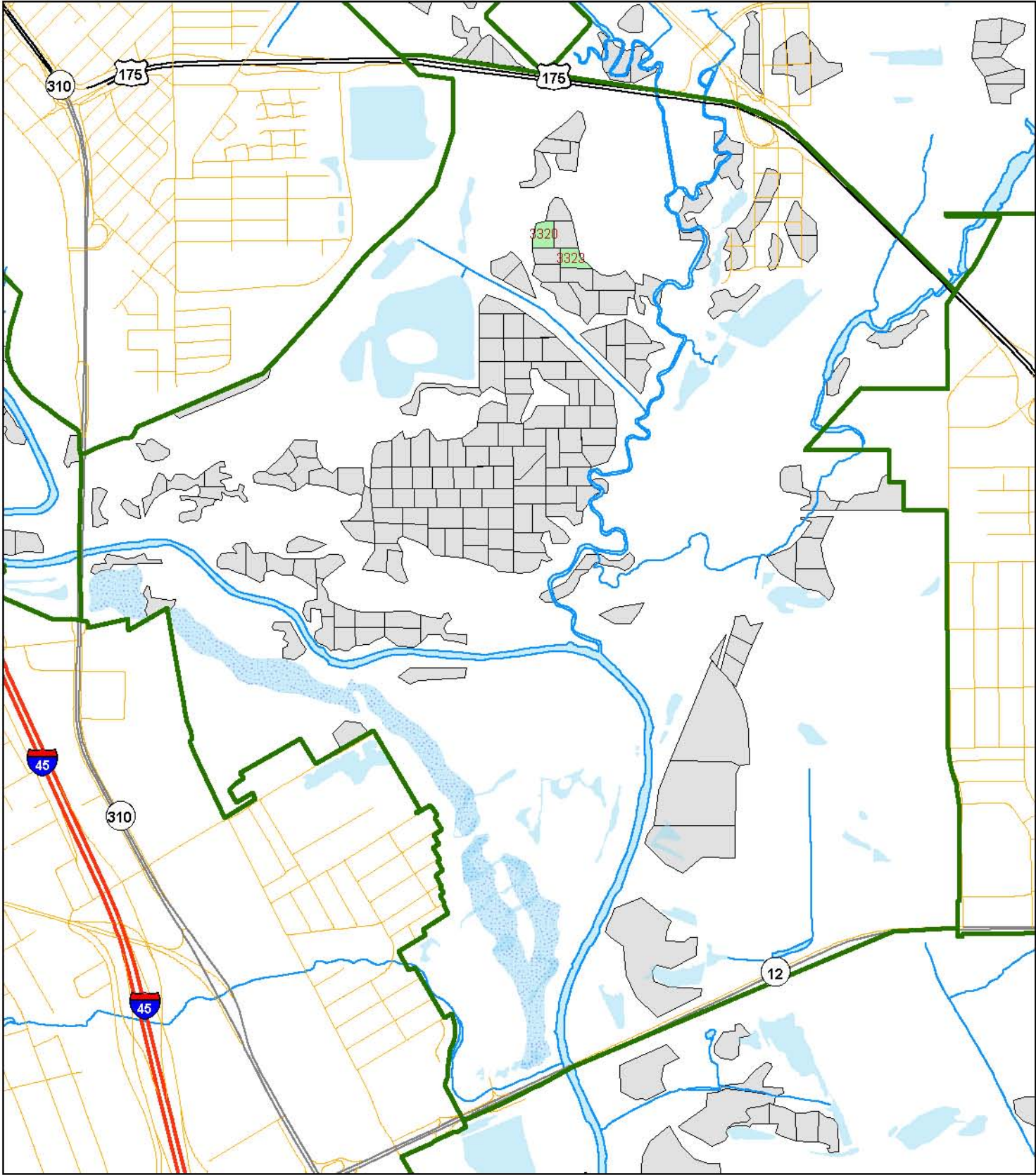


Stands
Others
Management Unit 2021



0 0.25 0.5
Miles

Management Unit 2021 - Sector 3

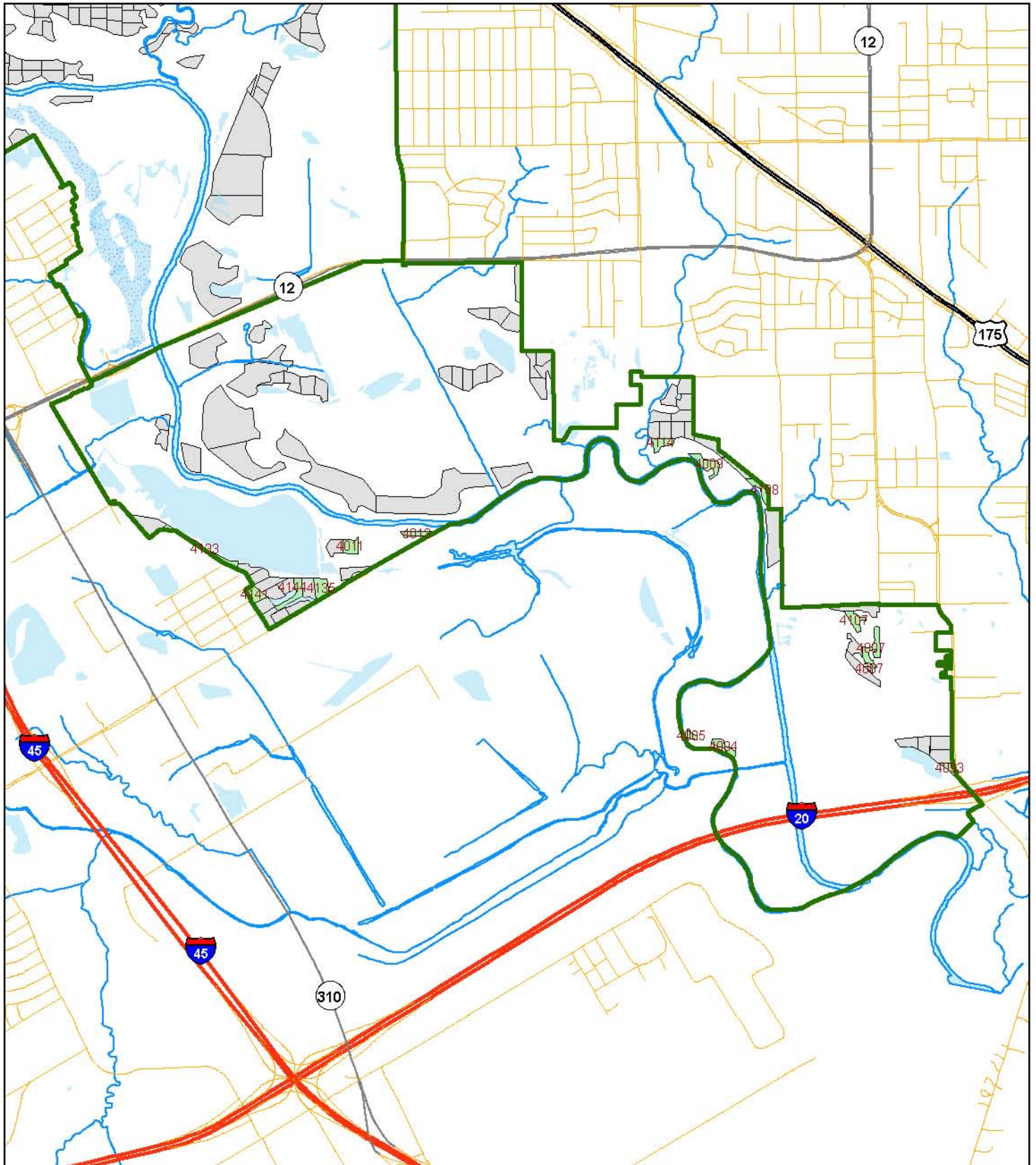


Stands
Others
Management Unit 2021



0 0.25 0.5
Miles

Management Unit 2021 - Sector 4



Stands

 Others

Management Unit 2021



Management Unit 2022

DESCRIPTION

Management Unit 2022 is composed of the forest stands that in the year 2022 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. The unit is fully composed of category “2” stands.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2022

Prepare Stands with Herbicide – October 2022

Plant Trees – December 2022

Monitor – Fall 2023 & 2024

Plant Shrubs – December 2032

Monitor – Fall 2033 & 2034

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site’s characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

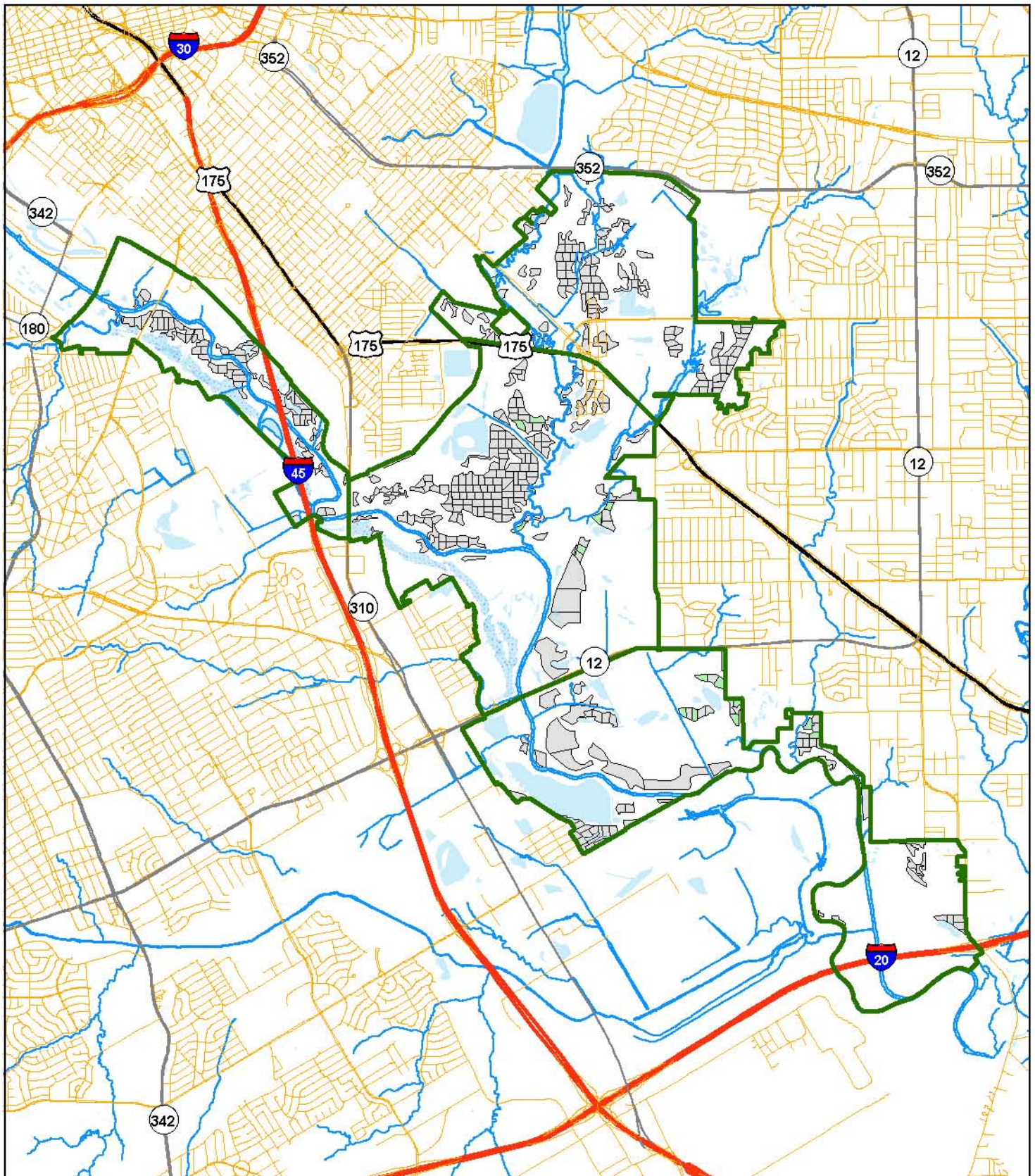
Management Unit 2022

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3148	3	2	2.2	-96.7276	32.7239
3150	3	2	2.2	-96.7238	32.7286
3151	3	2	2.8	-96.7253	32.7272
3250	3	2	2.4	-96.7357	32.7264
3314	3	2	3.2	-96.7354	32.7378
3317	3	2	3.1	-96.7331	32.7384
4014	4	2	2.8	-96.7077	32.7047
4017	4	2	3.4	-96.7091	32.7112
4018	4	2	3.5	-96.7096	32.7087
4112	4	2	2.6	-96.6981	32.7039
4116	4	2	2.9	-96.6971	32.7027
4120	4	2	2.3	-96.7074	32.7065
4124	4	2	2.4	-96.7130	32.7052
4125	4	2	2.2	-96.7146	32.7056
4126	4	2	2.2	-96.7119	32.7094
Total Acres:			40.4		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2022 - Overall

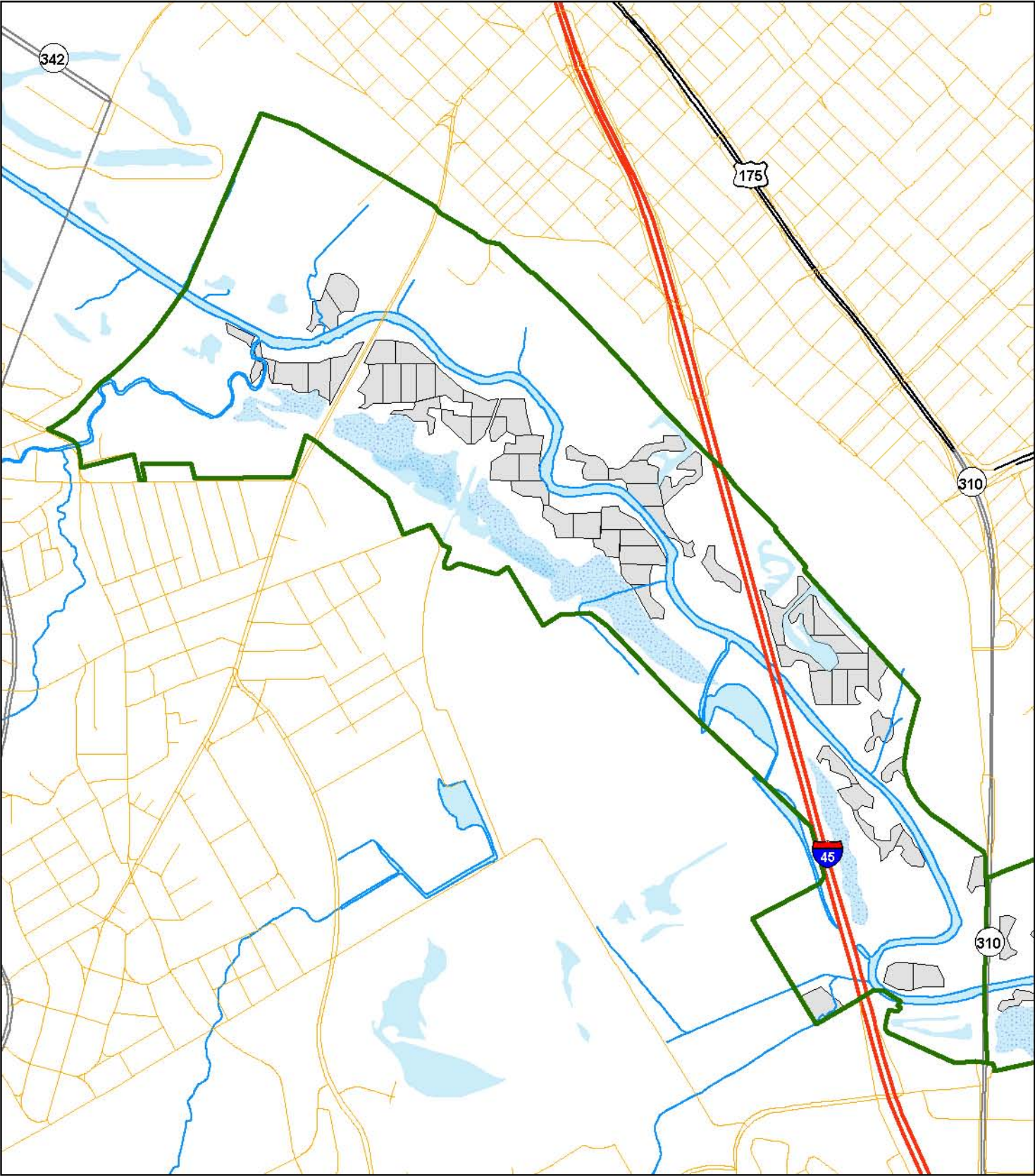


Stands

- Others
- Management Unit 2022



Management Unit 2022 - Sector 1

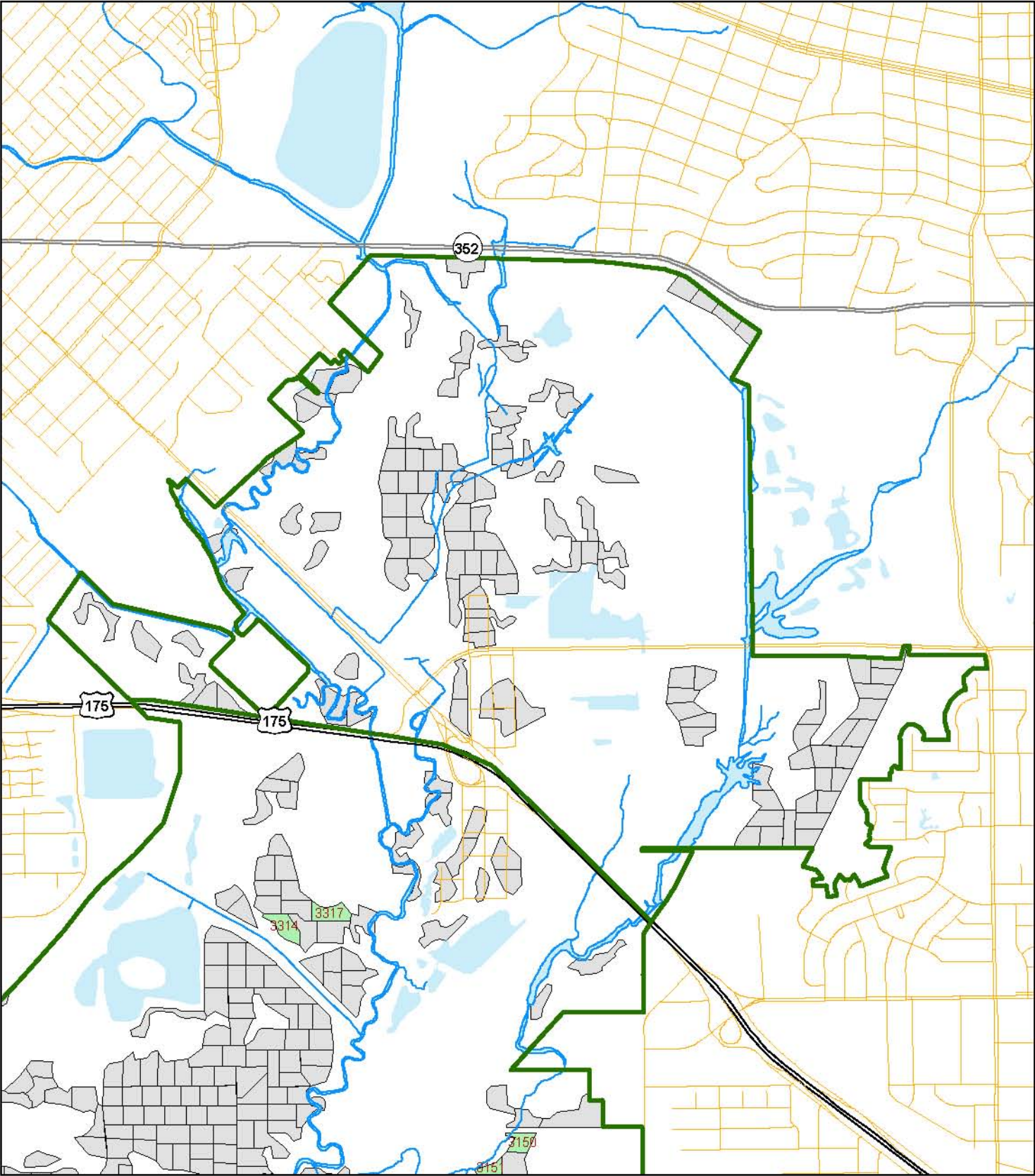


Stands
Others
Management Unit 2022



0 0.25 0.5
Miles

Management Unit 2022 - Sector 2

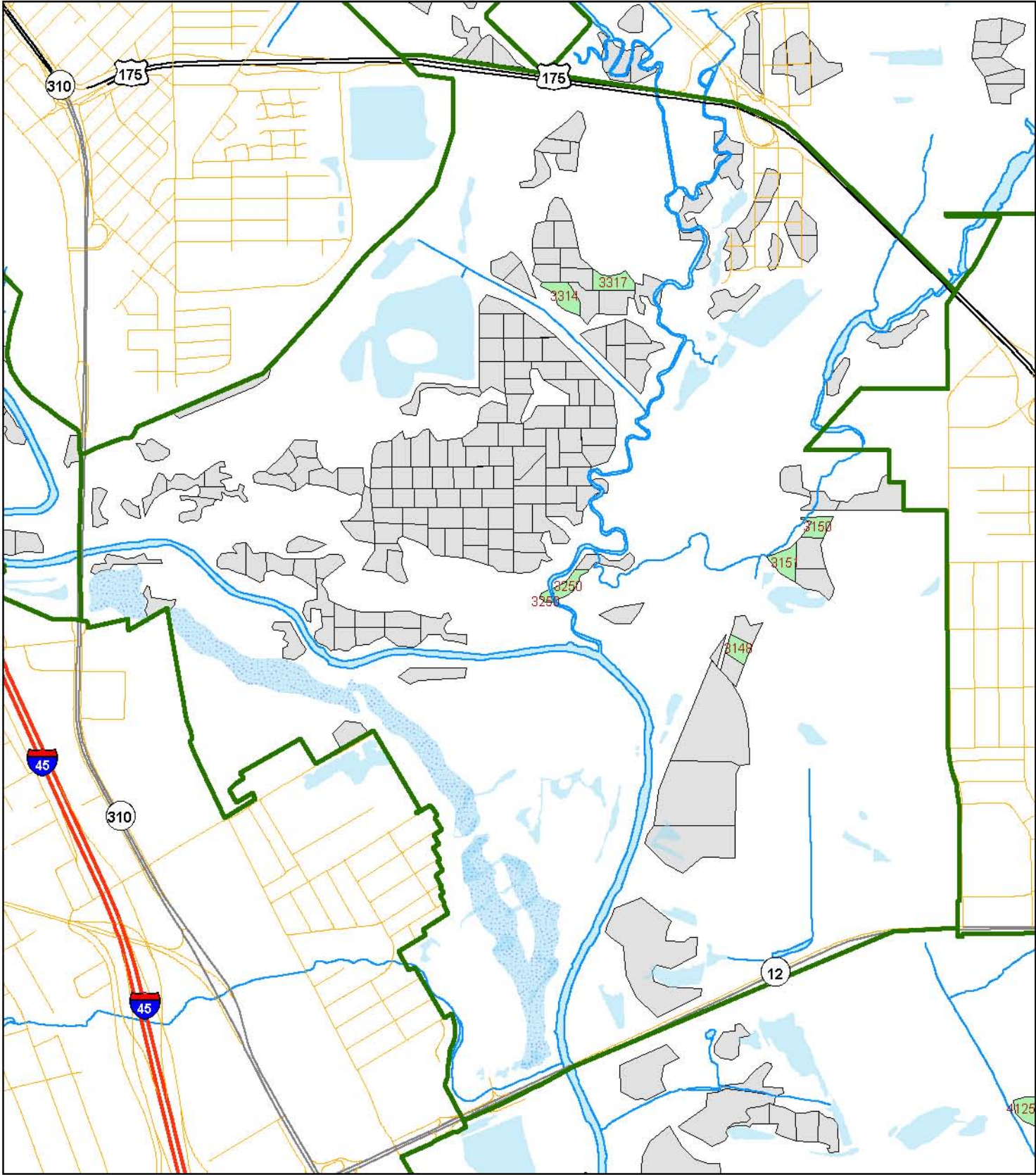


Stands
Others
Management Unit 2022



0 0.25 0.5
Miles

Management Unit 2022 - Sector 3

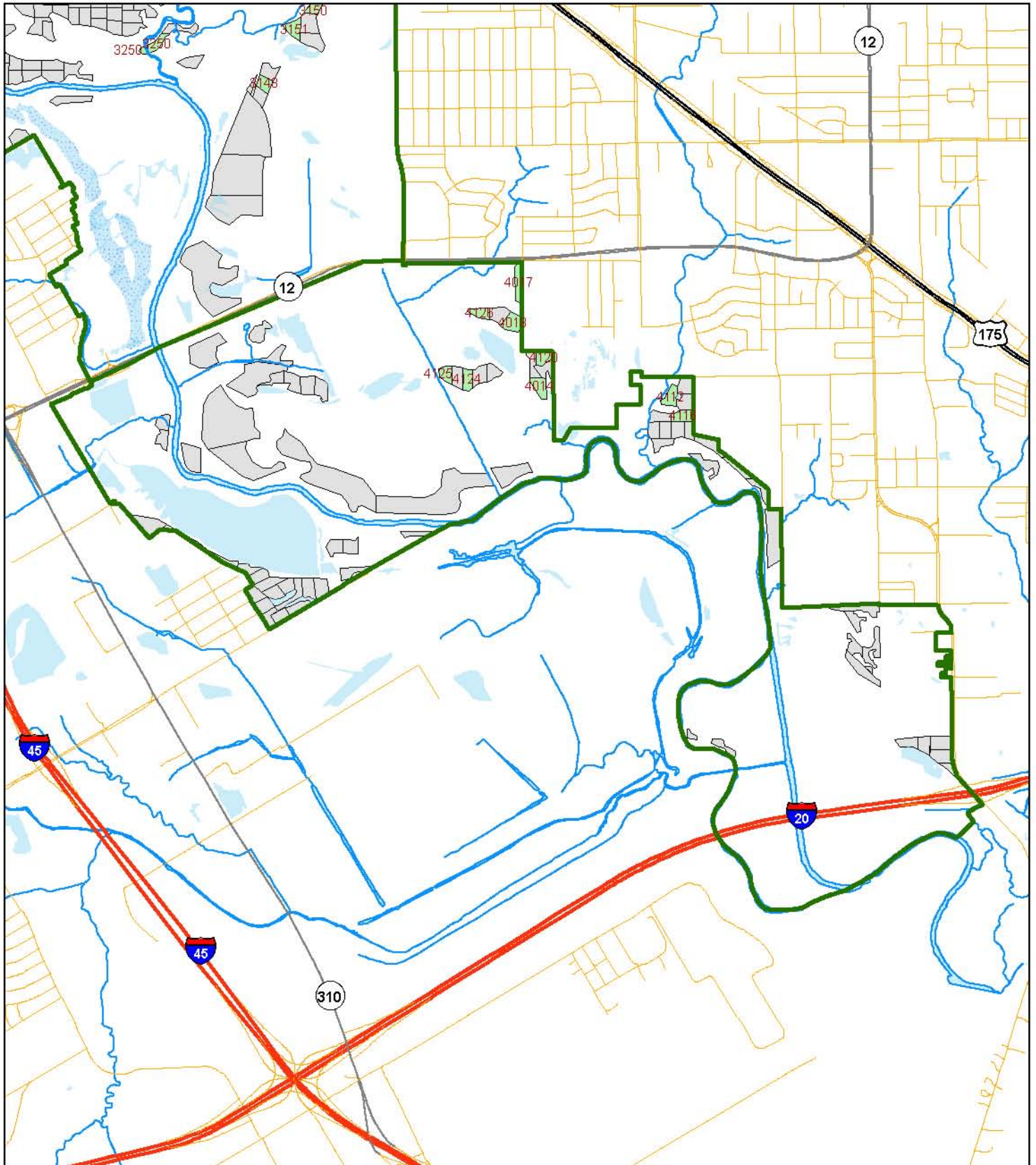


Stands
Others
Management Unit 2022



0 0.25 0.5
Miles

Management Unit 2022 - Sector 4



Stands

☐ Others

Management Unit 2022



Management Unit 2023

DESCRIPTION

Management Unit 2023 is composed of the forest stands that in the year 2023 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. The unit is fully composed of category “2” stands.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2023

Prepare Stands with Herbicide – October 2023

Plant Trees – December 2023

Monitor – Fall 2024 & 2025

Plant Shrubs – December 2033

Monitor – Fall 2034 & 2035

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site’s characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

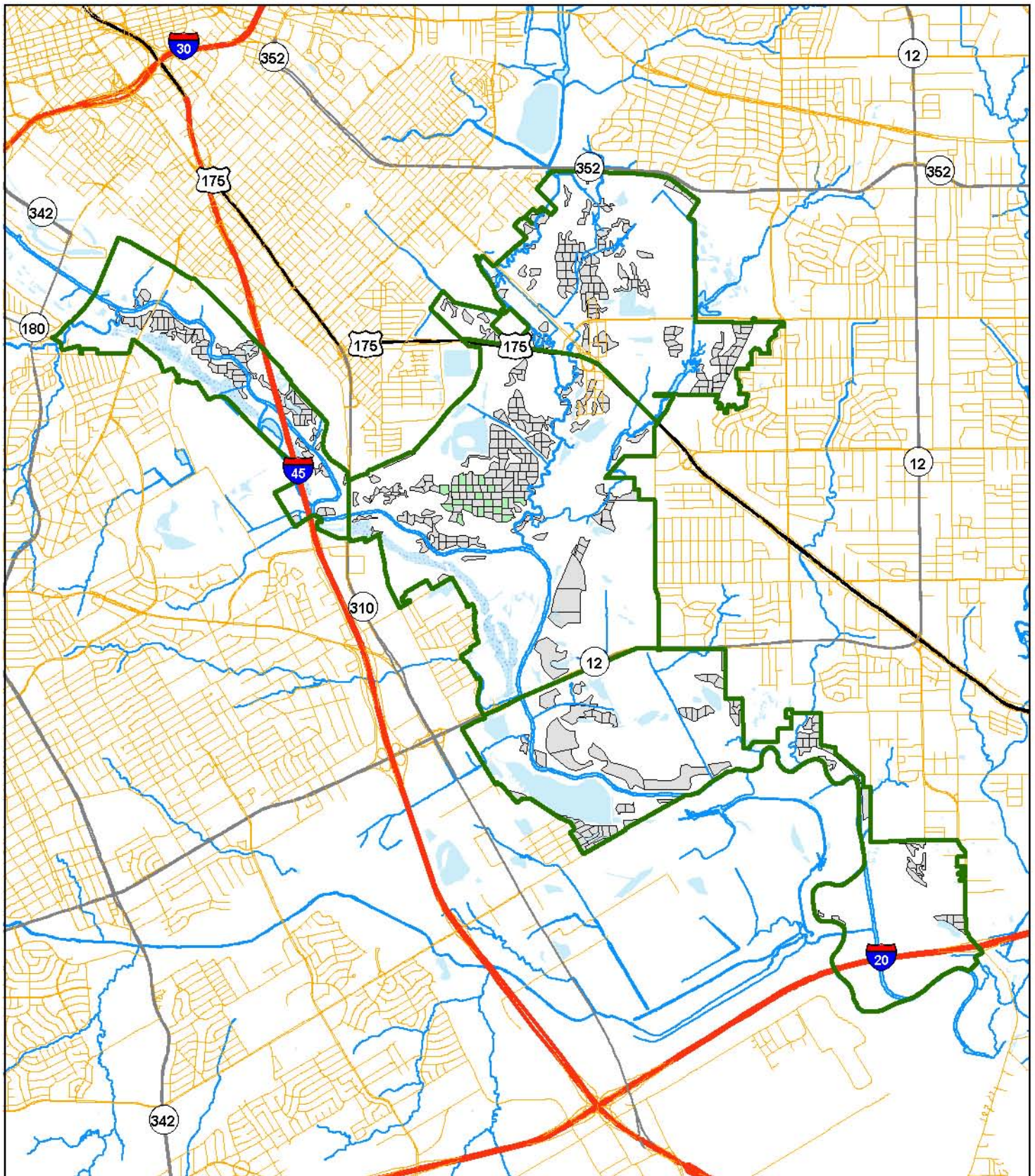
Management Unit 2023

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3066	3	2	2.5	-96.7407	32.7282
3350	3	2	2.5	-96.7355	32.7294
3367	3	2	2.6	-96.7375	32.7291
3369	3	2	2.8	-96.7373	32.7274
3372	3	2	2.8	-96.7431	32.7318
3375	3	2	2.2	-96.7406	32.7317
3382	3	2	3.2	-96.7455	32.7307
3383	3	2	2.2	-96.7435	32.7273
3385	3	2	2.5	-96.7450	32.7288
3387	3	2	2.0	-96.7393	32.7308
3388	3	2	2.0	-96.7441	32.7308
3390	3	2	2.0	-96.7421	32.7308
3398	3	2	2.2	-96.7410	32.7300
3402	3	2	2.4	-96.7386	32.7283
3404	3	2	2.4	-96.7397	32.7292
3406	3	2	2.2	-96.7438	32.7293
3407	3	2	2.0	-96.7425	32.7286
Total Acres:			40.5		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2023 - Overall

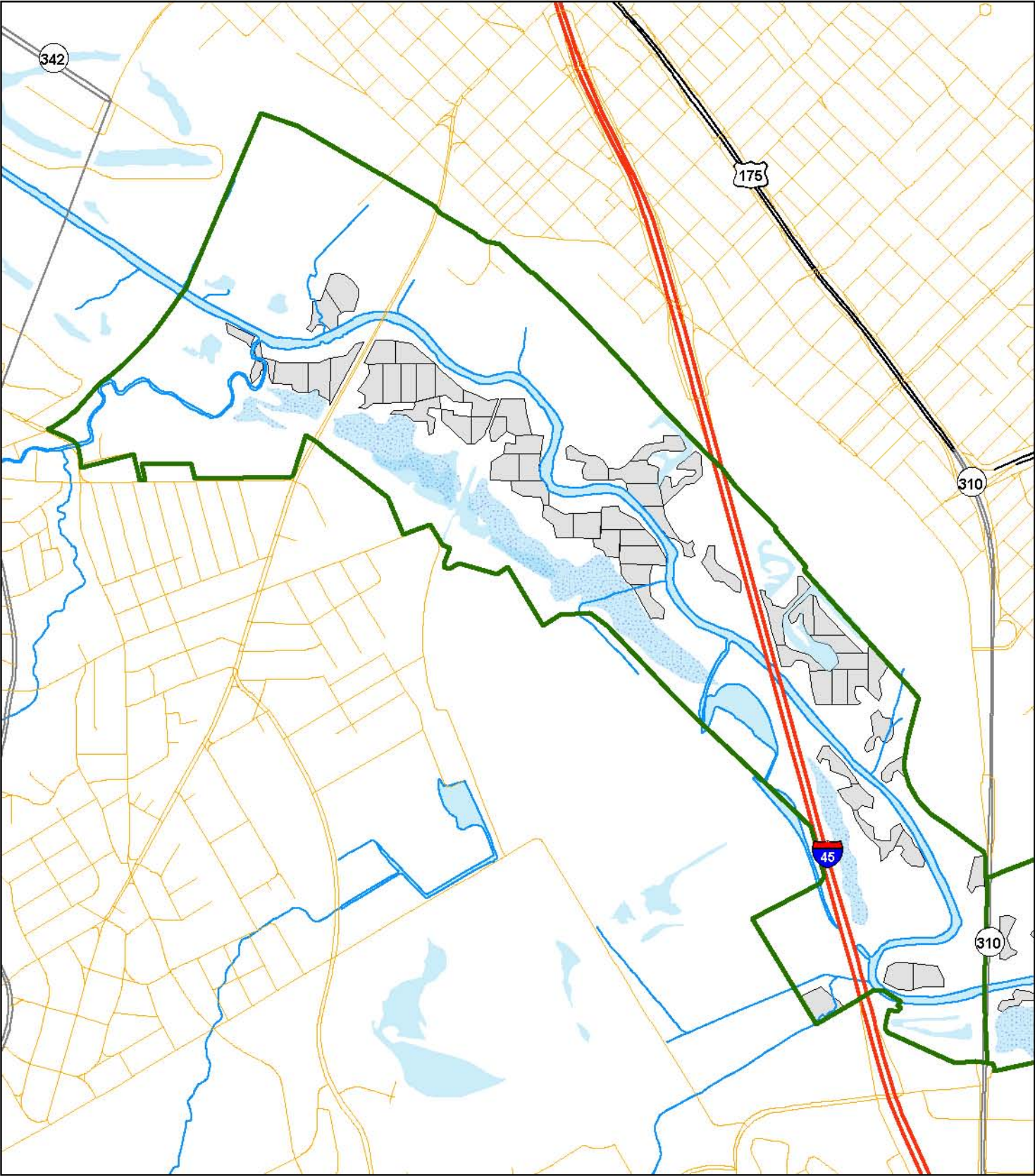


Stands

- Others
- Management Unit 2023



Management Unit 2023 - Sector 1

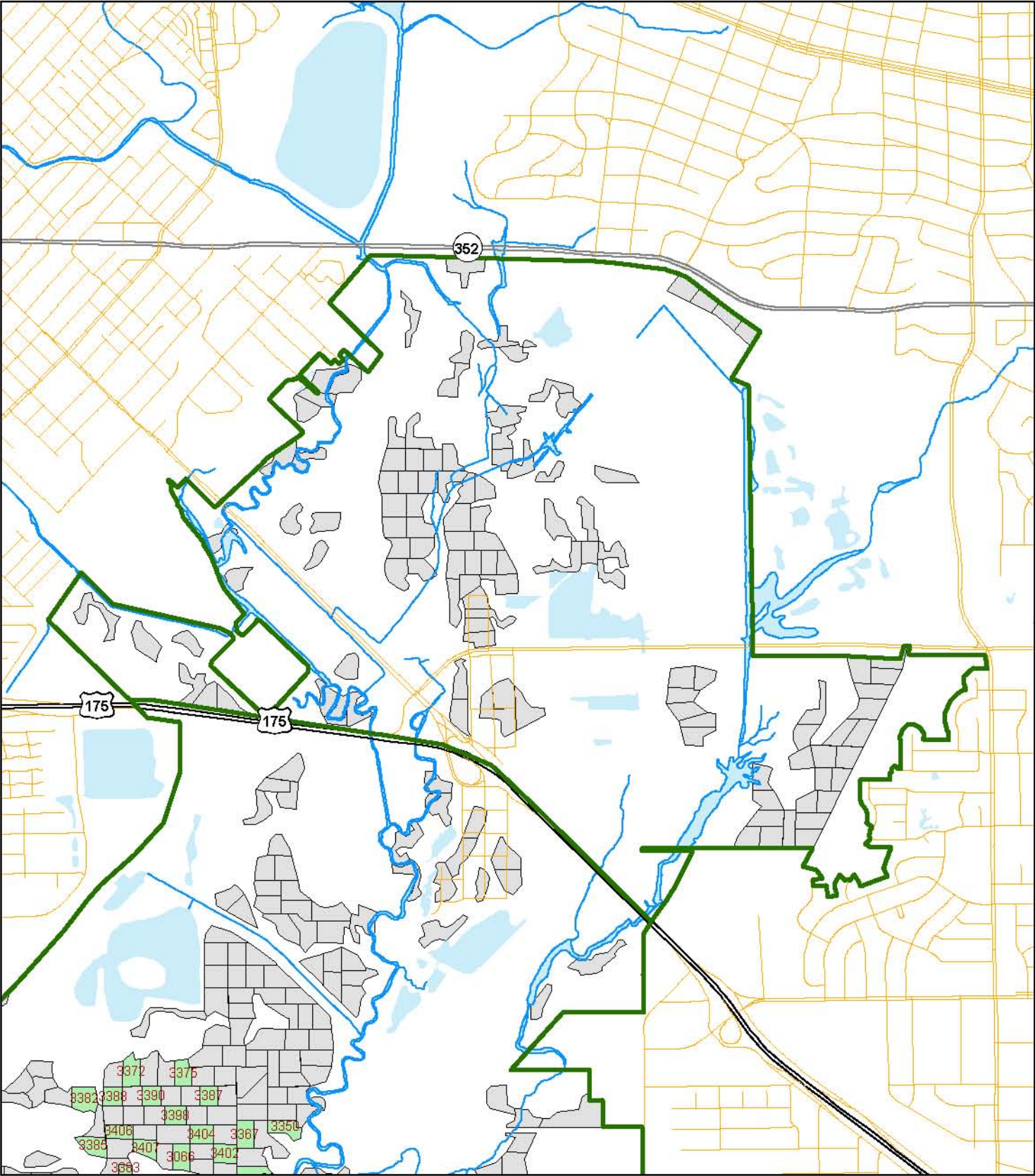


Stands
Others
Management Unit 2023



0 0.25 0.5
Miles

Management Unit 2023 - Sector 2

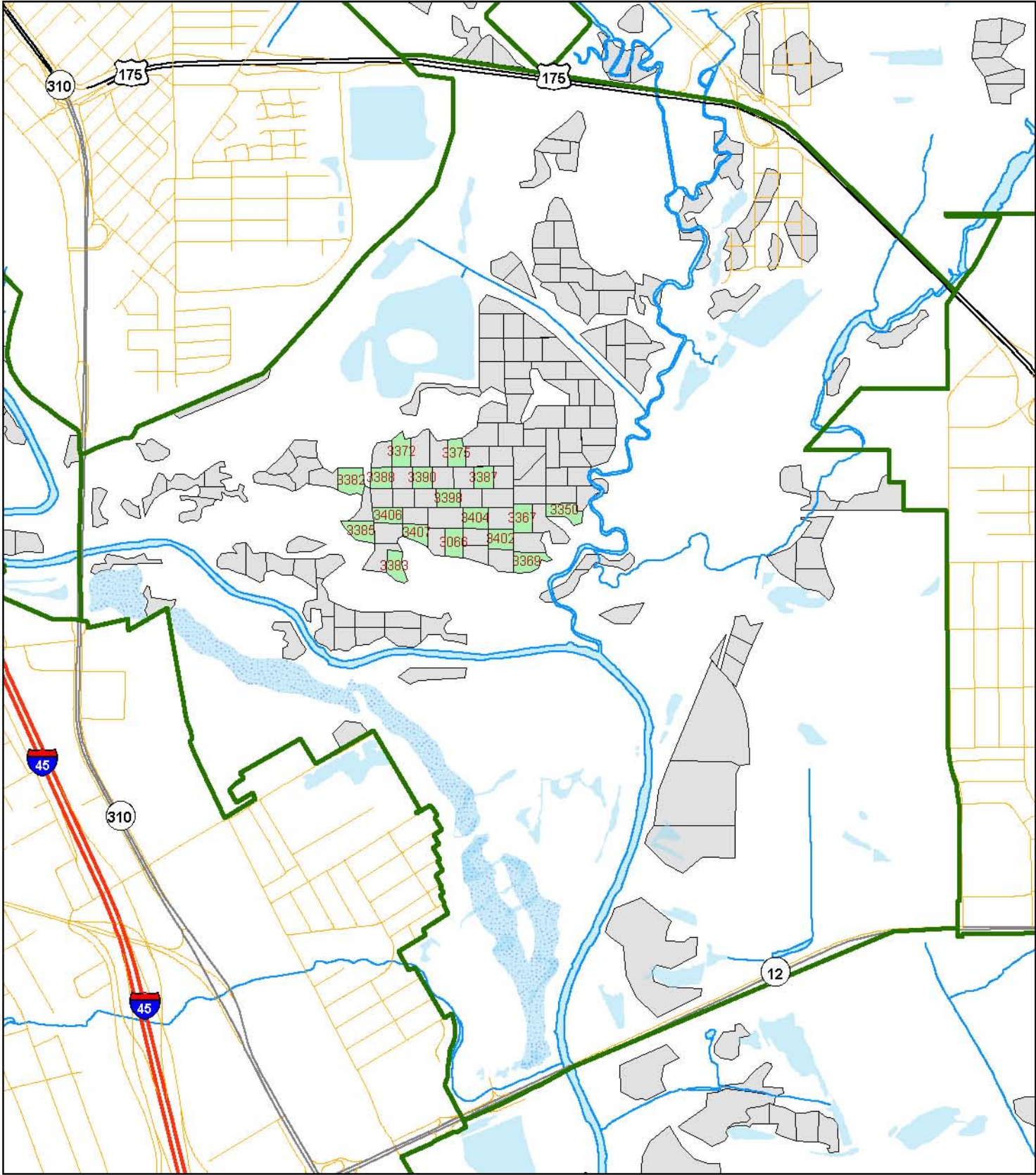


Stands
Others
Management Unit 2023



0 0.25 0.5
Miles

Management Unit 2023 - Sector 3

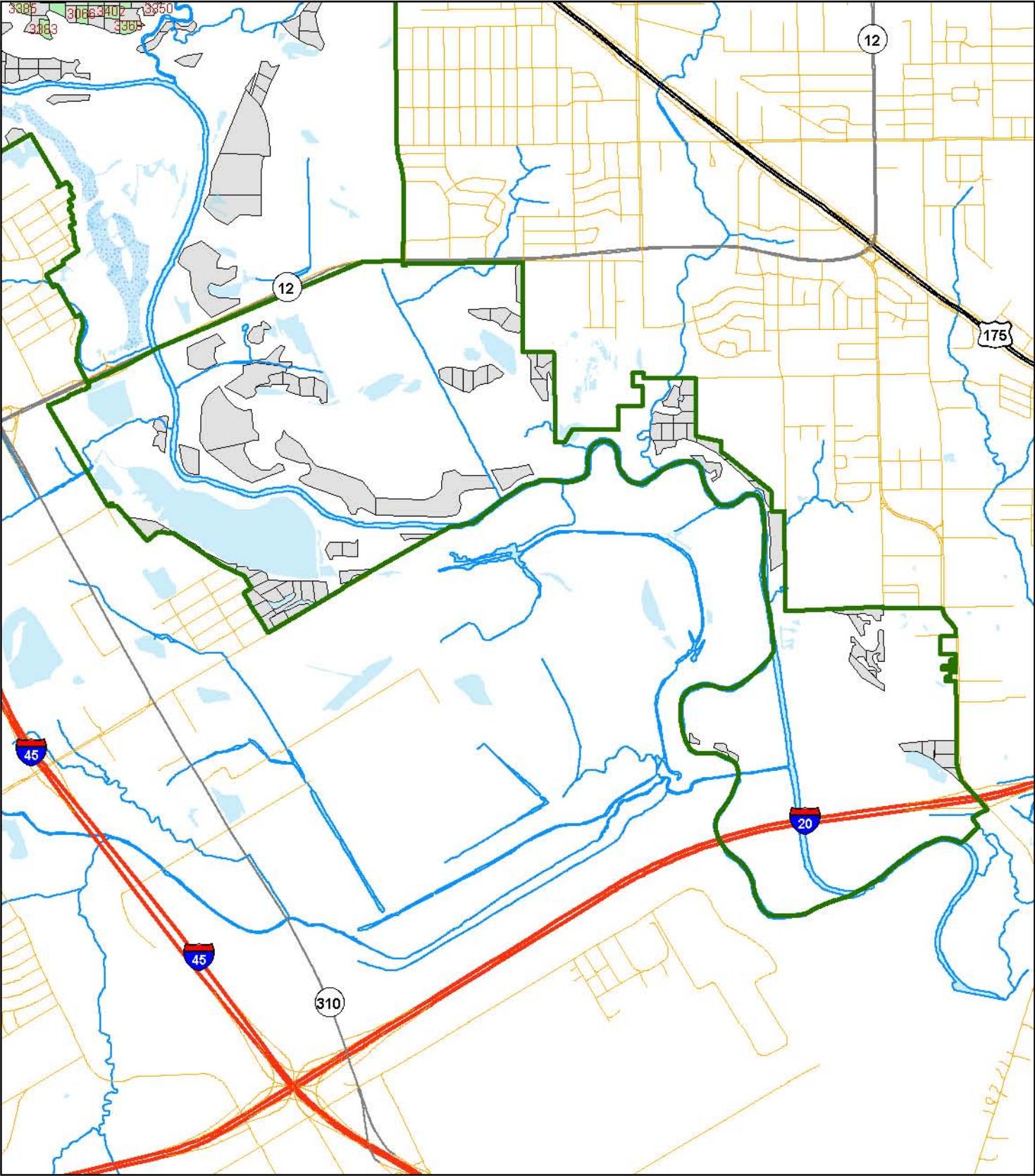


Stands
Others
Management Unit 2023



0 0.25 0.5
Miles

Management Unit 2023 - Sector 4



Stands
Others
Management Unit 2023



0 0.25 0.5 1
Miles

Management Unit 2024

DESCRIPTION

Management Unit 2024 is composed of the forest stands that in the year 2024 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. The unit is fully composed of category “2” stands.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2024

Prepare Stands with Herbicide – October 2024

Plant Trees – December 2024

Monitor – Fall 2025 & 2026

Plant Shrubs – December 2034

Monitor – Fall 2035 & 2036

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site’s characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

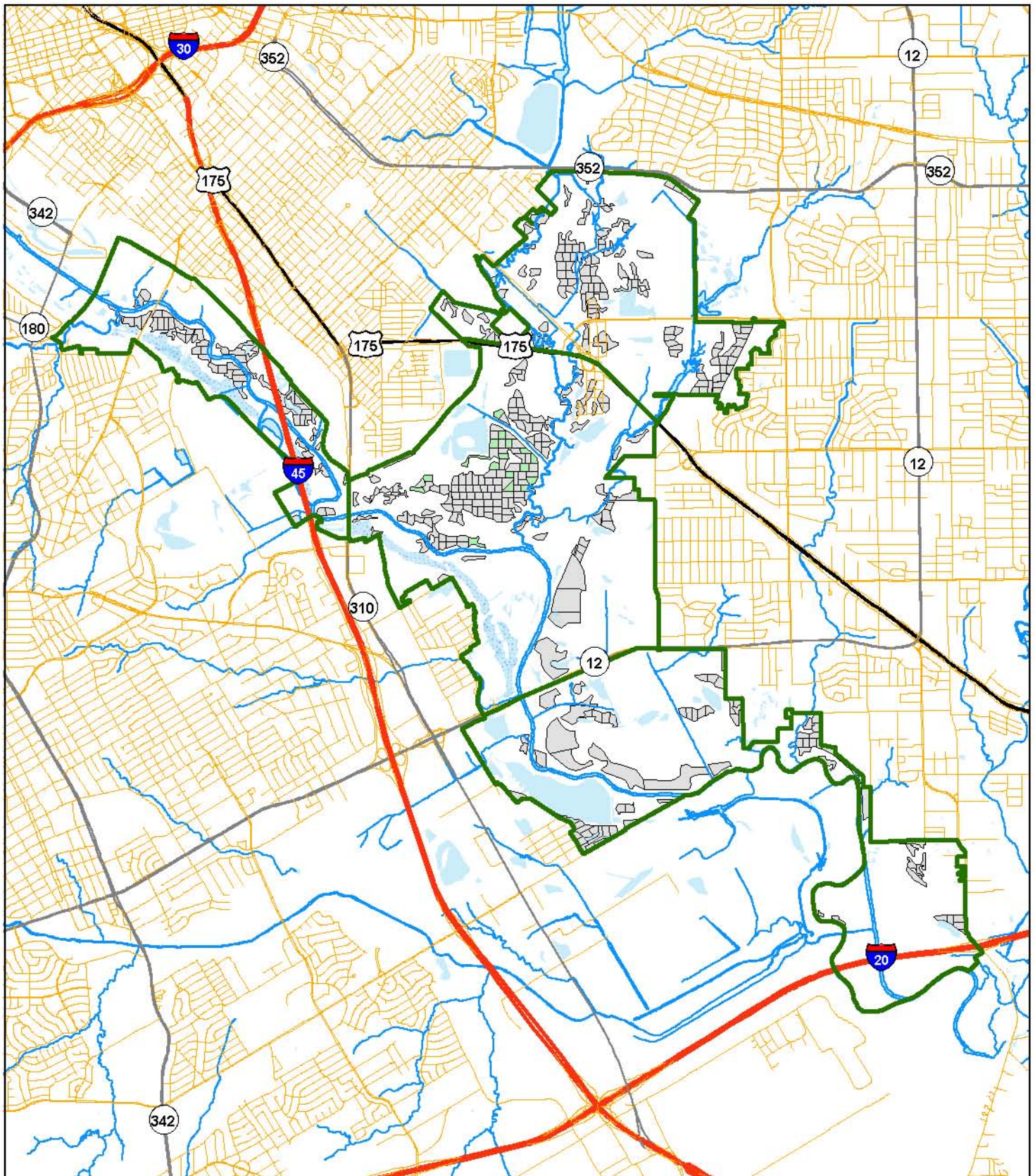
Management Unit 2024

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3064	3	2	2.3	-96.7382	32.7391
3088	3	2	3.0	-96.7421	32.7344
3306	3	2	3.3	-96.7415	32.7248
3332	3	2	2.1	-96.7378	32.7367
3334	3	2	2.8	-96.7388	32.7358
3336	3	2	2.2	-96.7369	32.7358
3338	3	2	2.0	-96.7337	32.7340
3340	3	2	2.0	-96.7376	32.7343
3342	3	2	2.1	-96.7348	32.7349
3348	3	2	2.6	-96.7349	32.7331
3349	3	2	2.5	-96.7388	32.7333
3353	3	2	2.5	-96.7340	32.7316
3355	3	2	1.9	-96.7369	32.7323
3357	3	2	2.7	-96.7369	32.7308
3361	3	2	1.9	-96.7349	32.7307
3377	3	2	2.2	-96.7490	32.7308
3379	3	2	2.0	-96.7476	32.7320
Total Acres:			40.1		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2024 - Overall

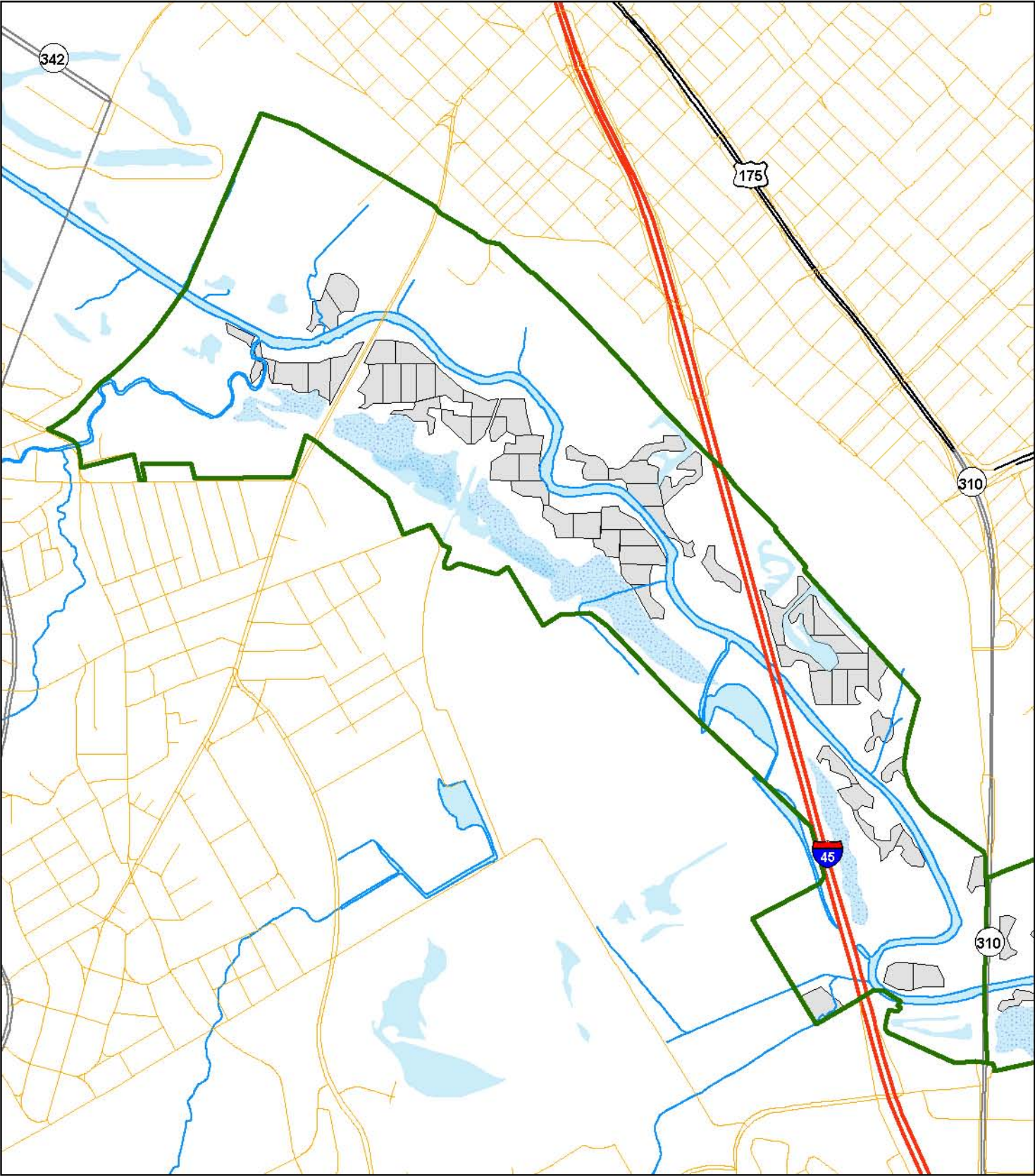


Stands

- Others
- Management Unit 2024



Management Unit 2024 - Sector 1

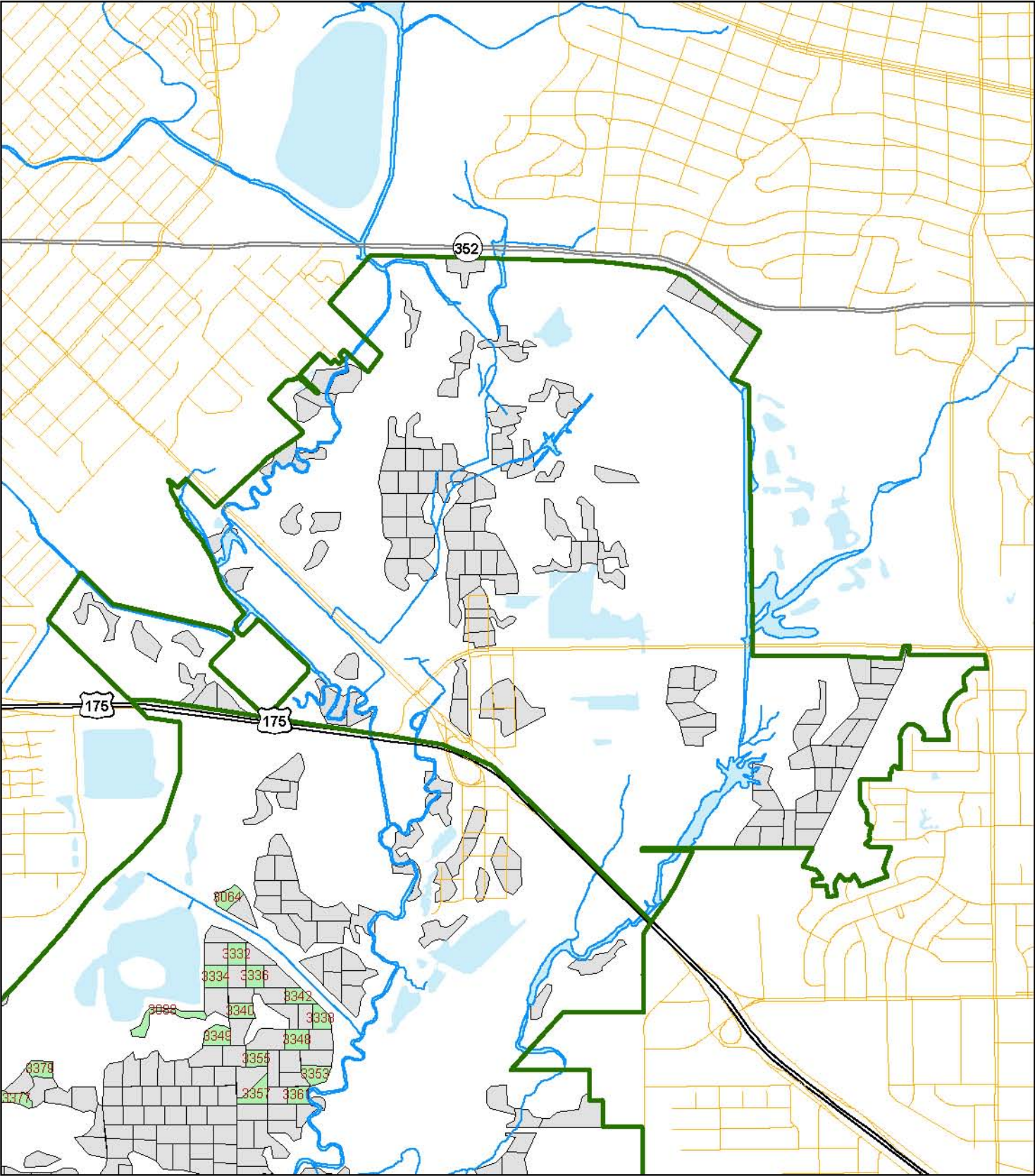


Stands
Others
Management Unit 2024



0 0.25 0.5
Miles

Management Unit 2024 - Sector 2

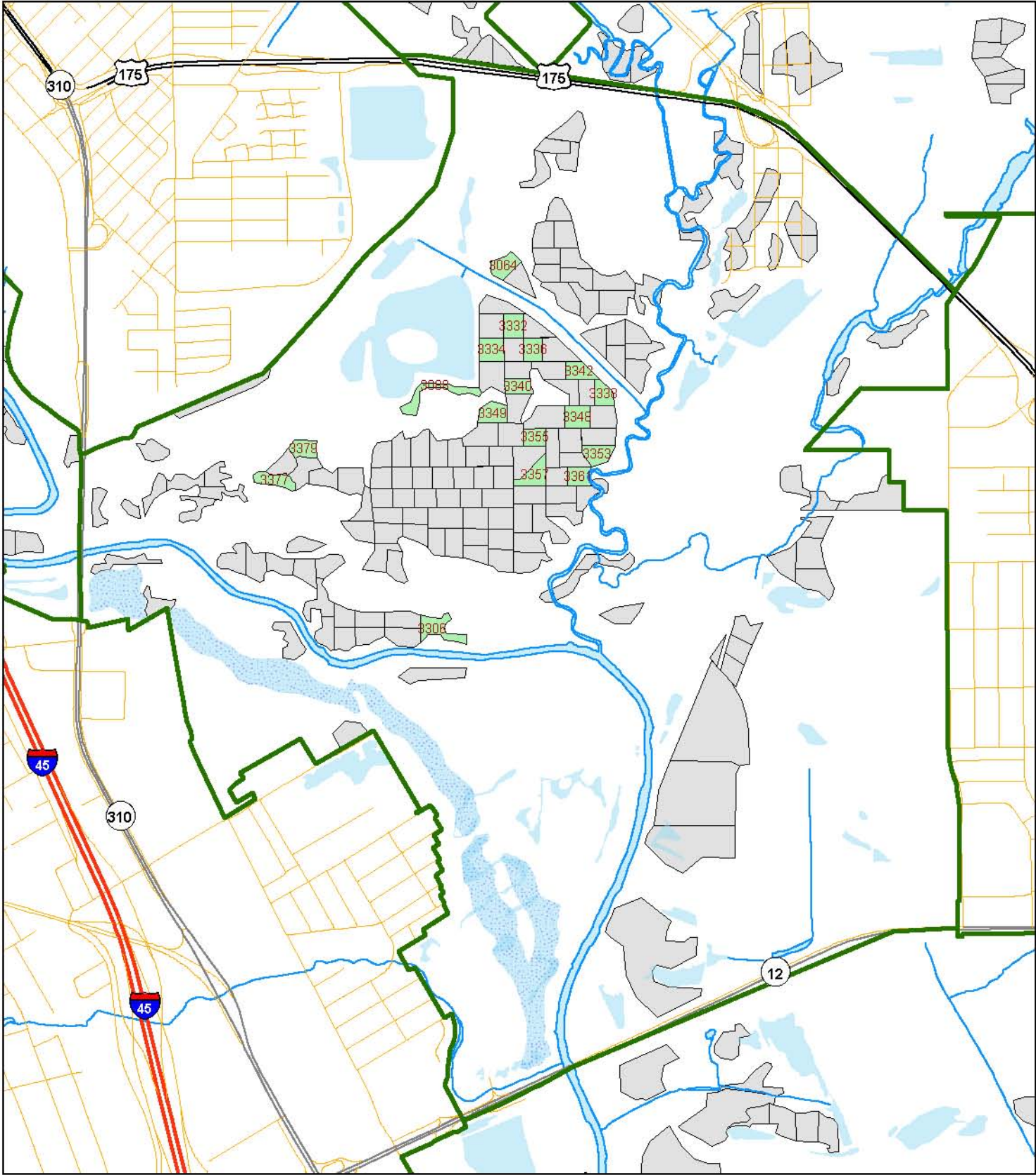


Stands
Others
Management Unit 2024



0 0.25 0.5
Miles

Management Unit 2024 - Sector 3

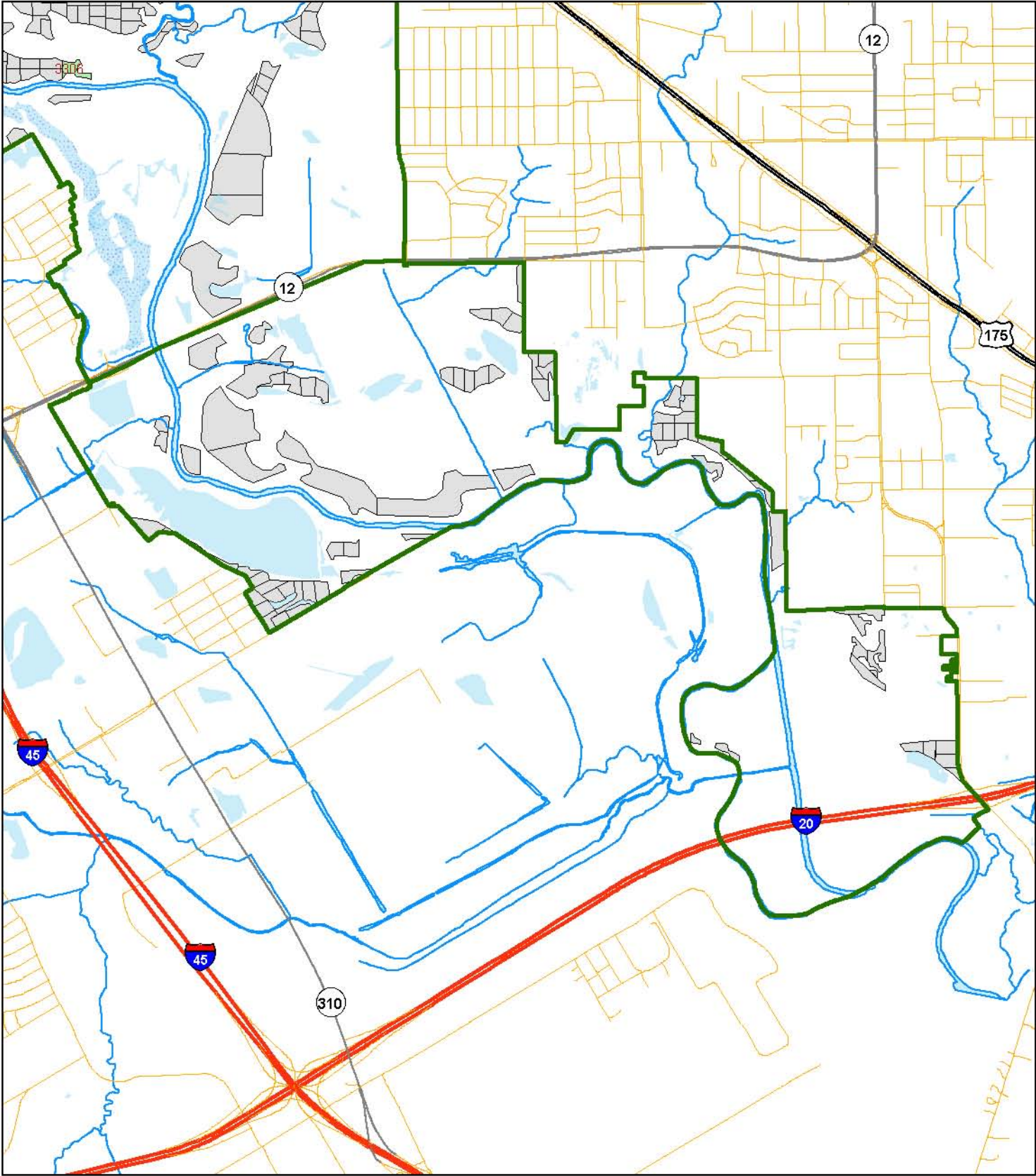


Stands
Others
Management Unit 2024



0 0.25 0.5
Miles

Management Unit 2024 - Sector 4



Stands
Others
Management Unit 2024



0 0.25 0.5 1
Miles

Management Unit 2025

DESCRIPTION

Management Unit 2025 is composed of the forest stands that in the year 2025 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2025

Prepare Stands with Herbicide – October 2025

Plant Trees – December 2025

Monitor – Fall 2026 & 2027

Plant Shrubs – December 2035

Monitor – Fall 2036 & 2037

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

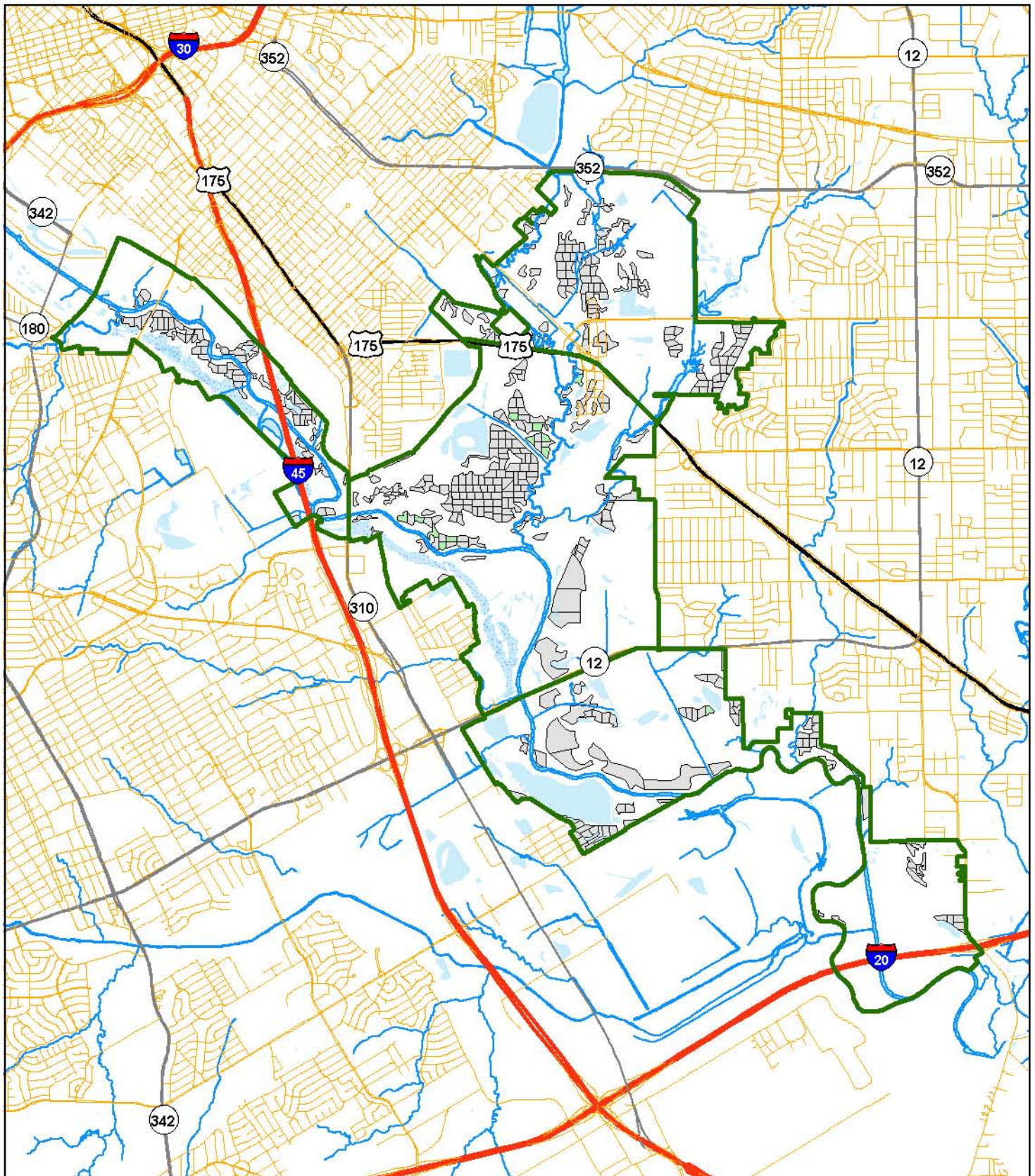
Management Unit 2025

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3065	3	2	2.8	-96.7321	32.7348
3084	3	2	2.9	-96.7470	32.7259
3248	3	2	2.4	-96.7275	32.7427
3301	3	2	2.8	-96.7510	32.7277
3303	3	2	2.2	-96.7489	32.7275
3308	3	2	2.3	-96.7447	32.7253
3309	3	2	2.2	-96.7459	32.7245
3316	3	2	3.4	-96.7331	32.7376
3322	3	2	2.2	-96.7362	32.7388
3324	3	2	2.2	-96.7339	32.7361
3327	3	2	2.1	-96.7321	32.7363
4122	4	2	2.1	-96.7111	32.7057
Total Acres:			29.6		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2025 - Overall

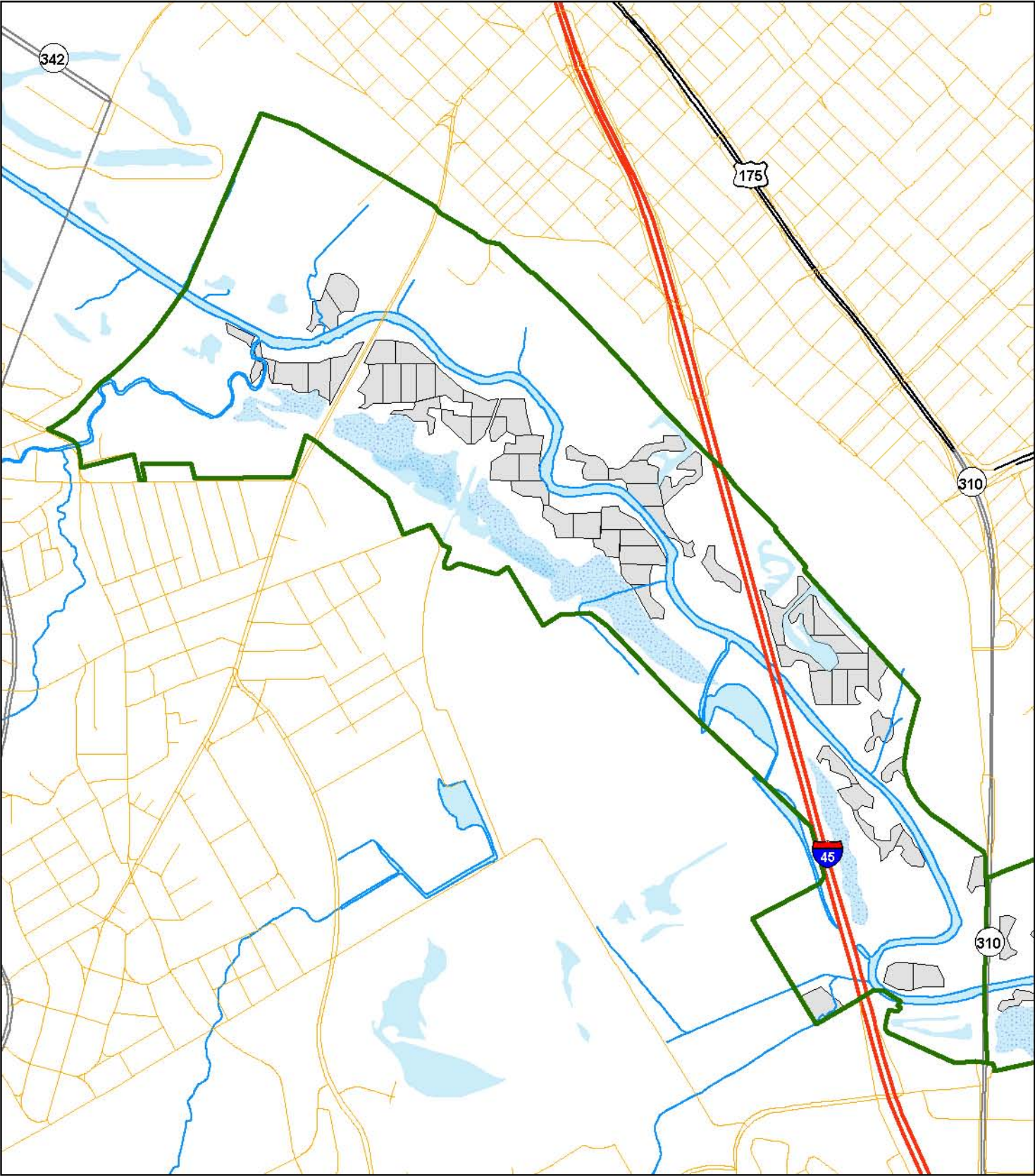


Stands

- Others
- Management Unit 2025



Management Unit 2025 - Sector 1

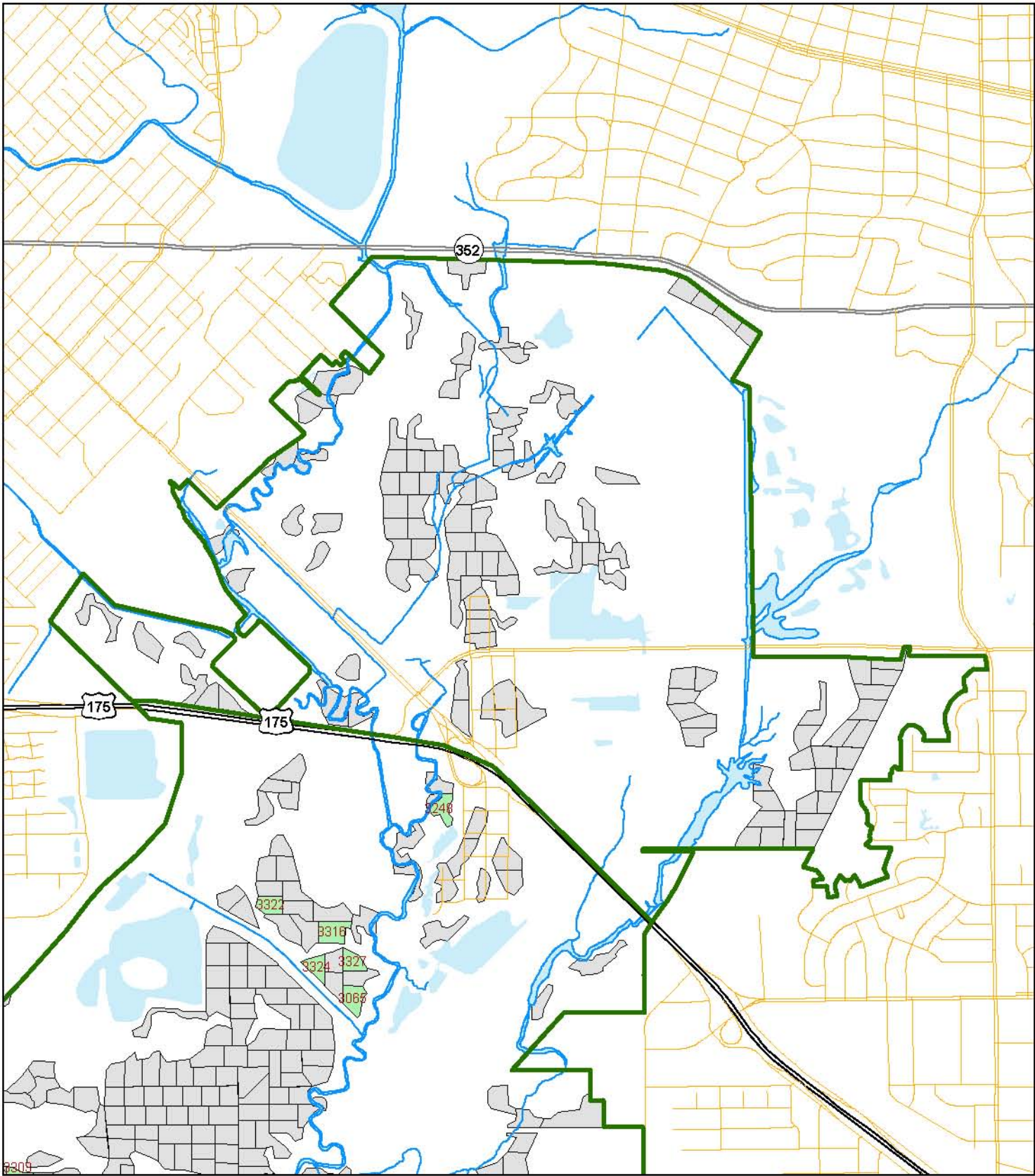


Stands
Others
Management Unit 2025



0 0.25 0.5
Miles

Management Unit 2025 - Sector 2

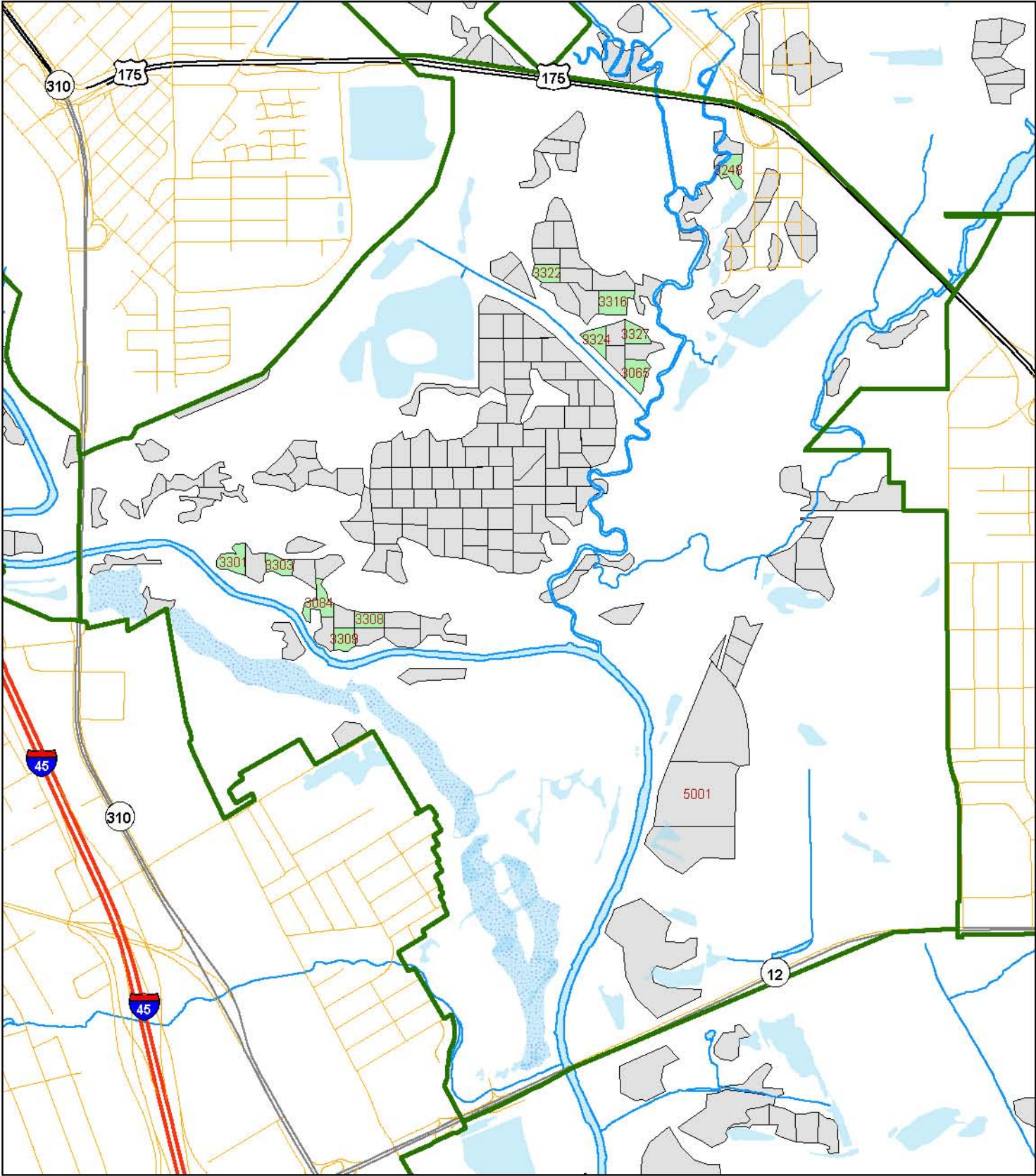


Stands
Others
Management Unit 2025



0 0.25 0.5
Miles

Management Unit 2025 - Sector 3

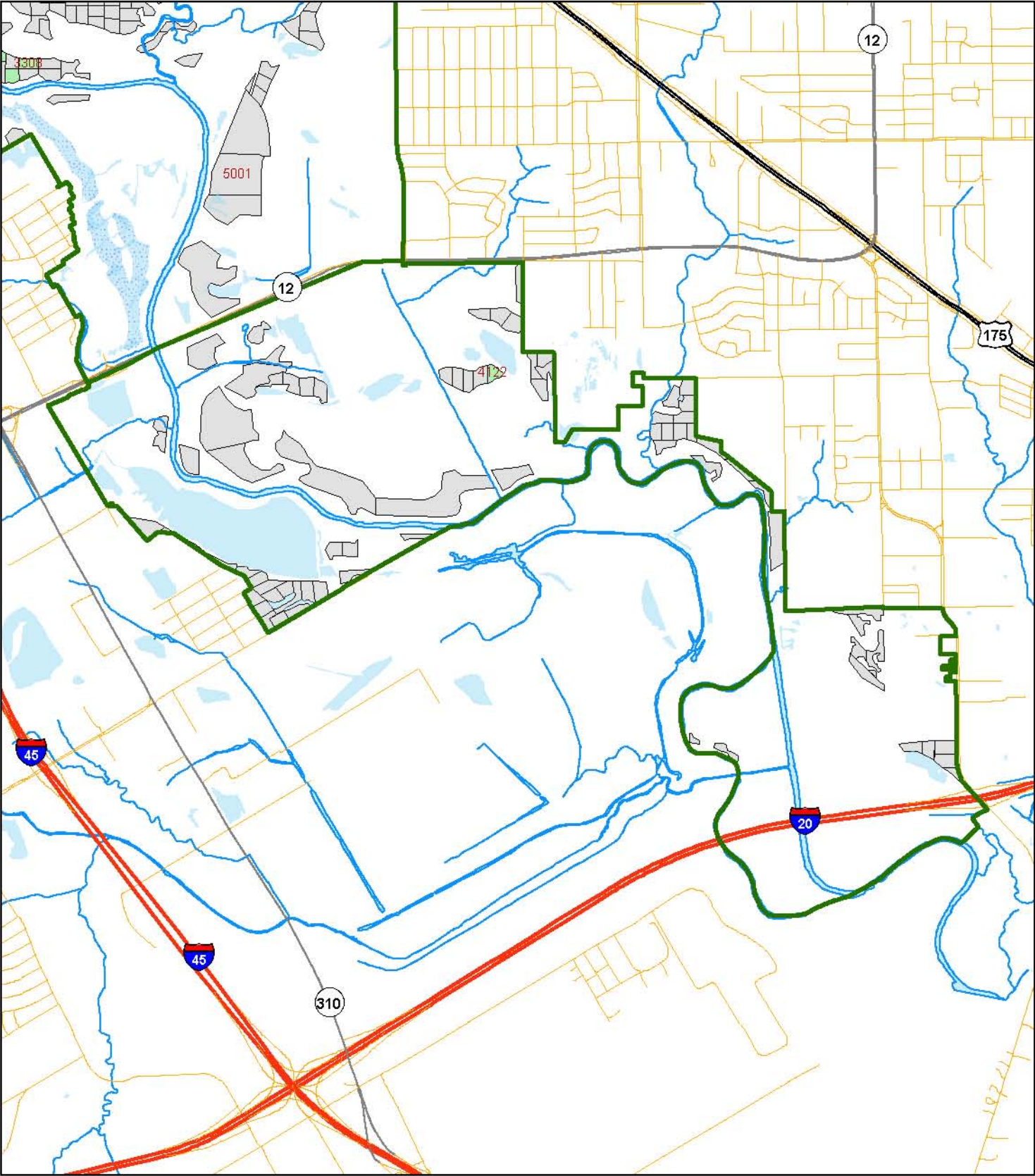


Stands
Others
Management Unit 2025



0 0.25 0.5
Miles

Management Unit 2025 - Sector 4



Stands
Others
Management Unit 2025



0 0.25 0.5 1
Miles

Management Unit 2026

DESCRIPTION

Management Unit 2026 is composed of the forest stands that in the year 2026 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit. Stand 3026 is much larger than other stands (6.5 acres) but it is directly adjacent to the Texas Horse Park facility making its size much more manageable. Stands such as this one that are in close proximity to roads, parks, etc. will need to receive special consideration by the forester during an operational period.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2026

Prepare Stands with Herbicide – October 2026

Plant Trees – December 2026

Monitor – Fall 2027 & 2028

Plant Shrubs – December 2036

Monitor – Fall 2037 & 2038

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

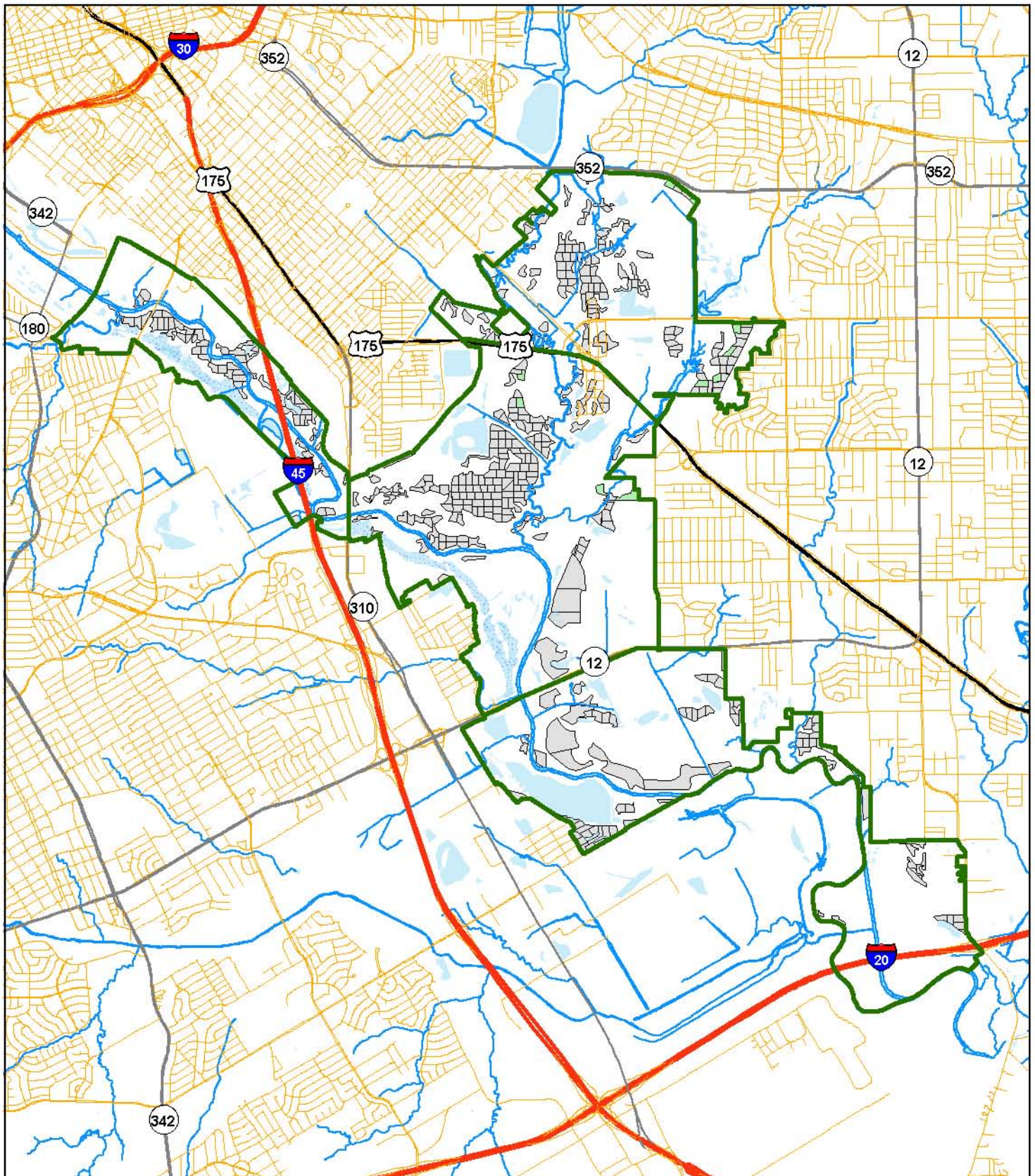
Management Unit 2026

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2162	2	2	2.8	-96.7113	32.7420
2168	2	2	2.1	-96.7093	32.7426
2173	2	2	2.5	-96.7076	32.7456
2176	2	2	2.9	-96.7066	32.7482
2183	2	2	2.6	-96.7150	32.7643
2184	2	2	2.0	-96.7119	32.7624
3026	3	2	6.5	-96.7210	32.7297
3153	3	2	2.8	-96.7249	32.7304
3239	3	2	2.1	-96.7351	32.7433
3319	3	2	2.7	-96.7354	32.7403
Total Acres:			28.9		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2026 - Overall

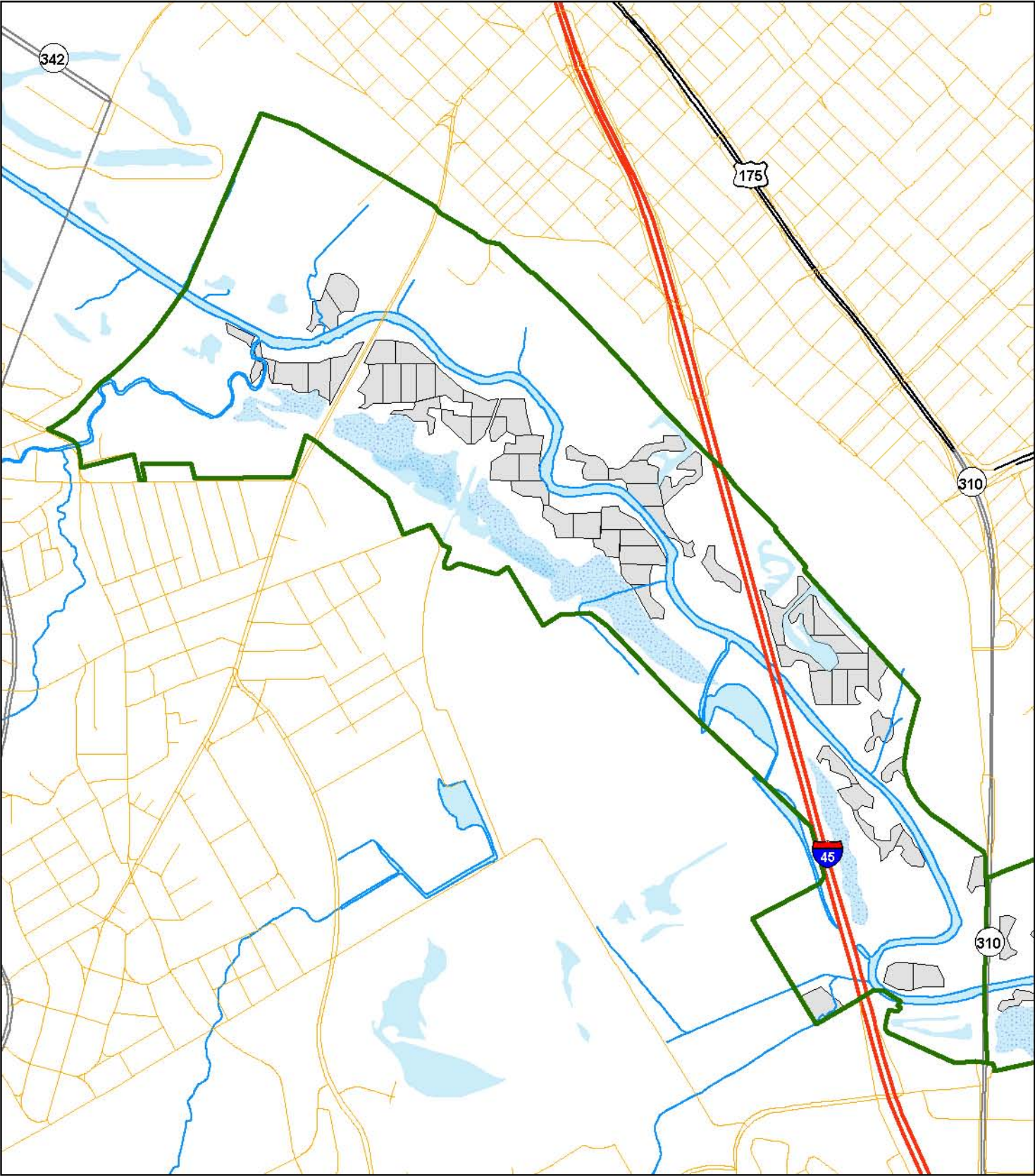


Stands

- Others
- Management Unit 2026



Management Unit 2026 - Sector 1

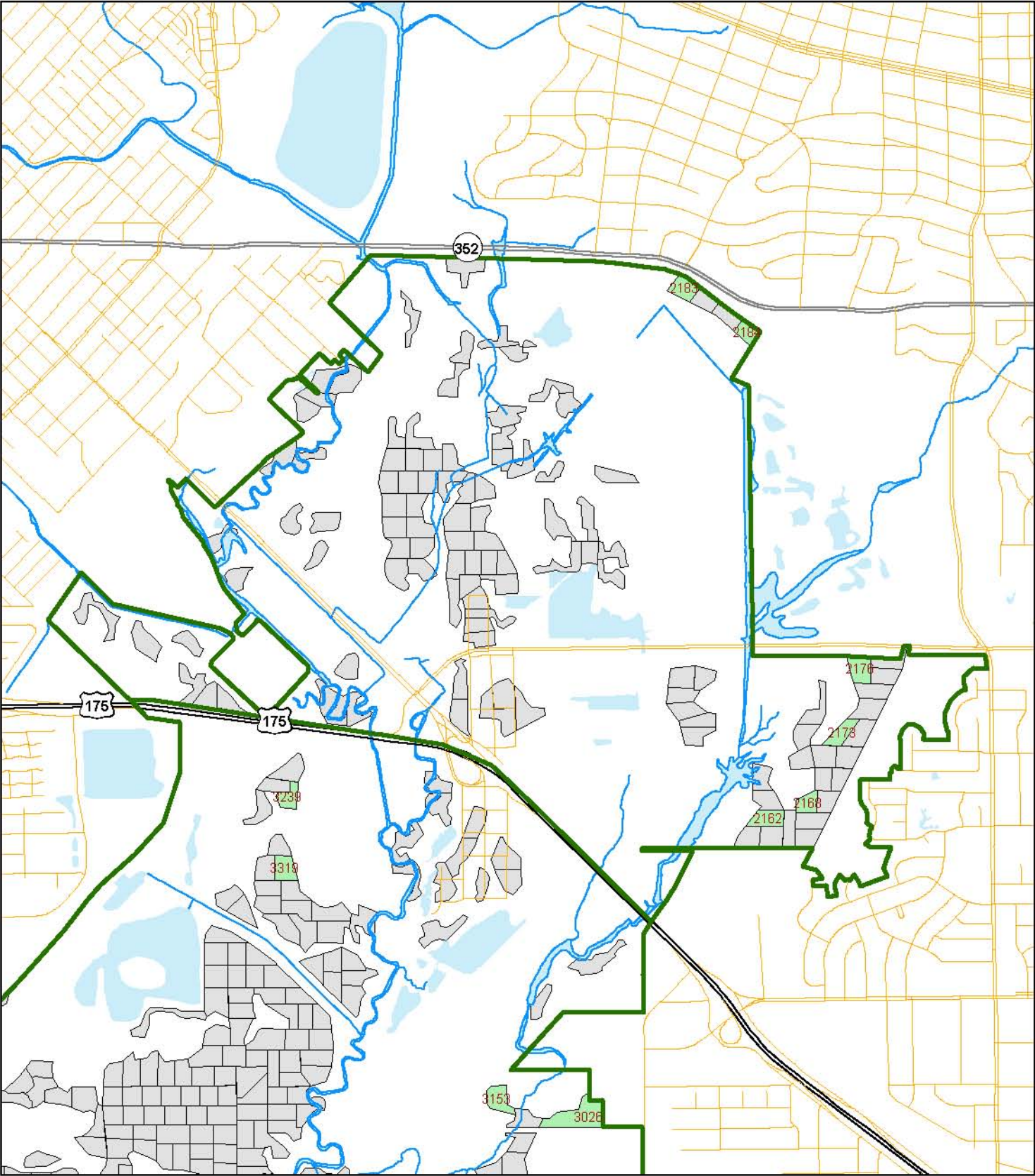


Stands
Others
Management Unit 2026



0 0.25 0.5
Miles

Management Unit 2026 - Sector 2

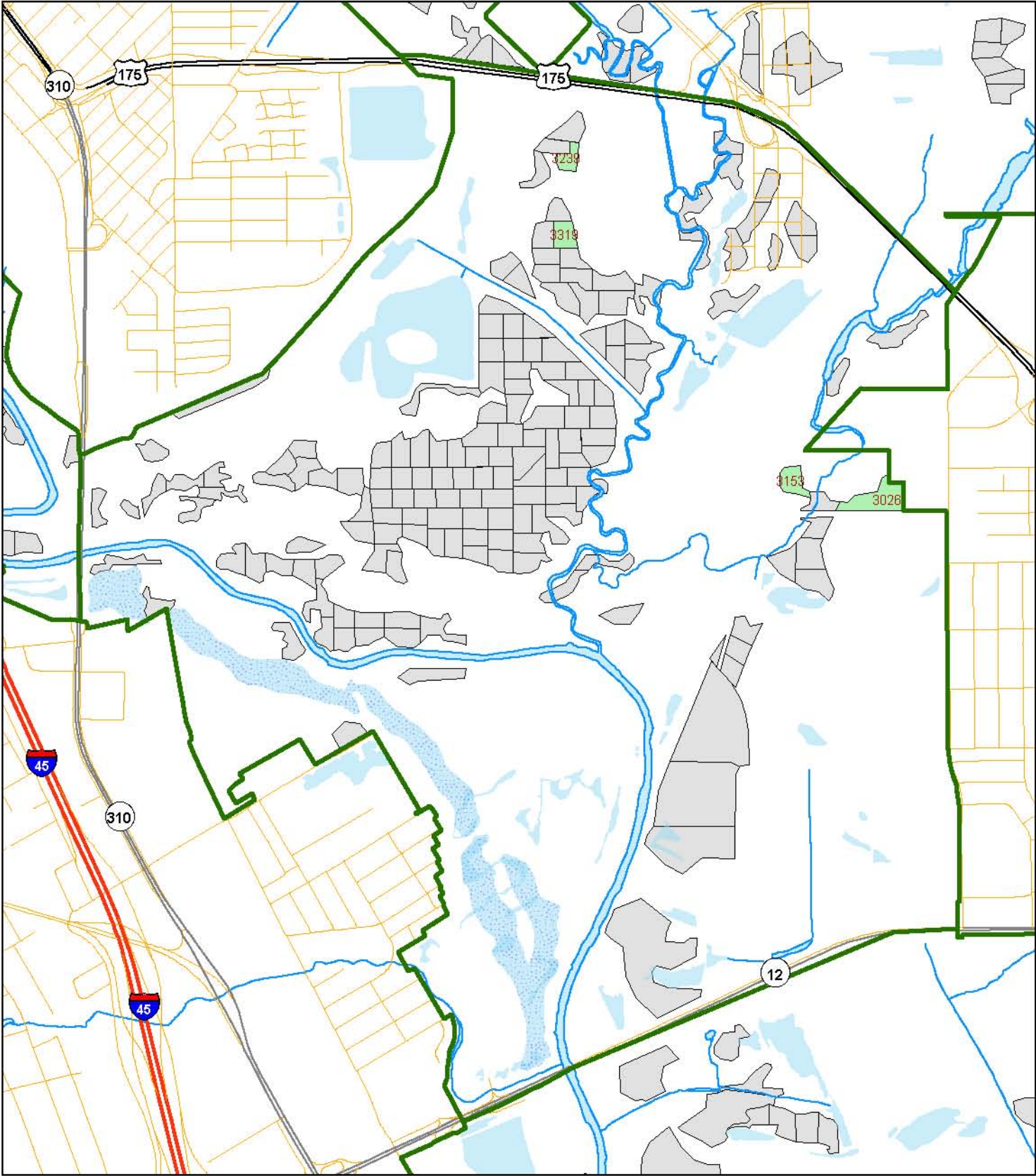


Stands
Others
Management Unit 2026



0 0.25 0.5
Miles

Management Unit 2026 - Sector 3

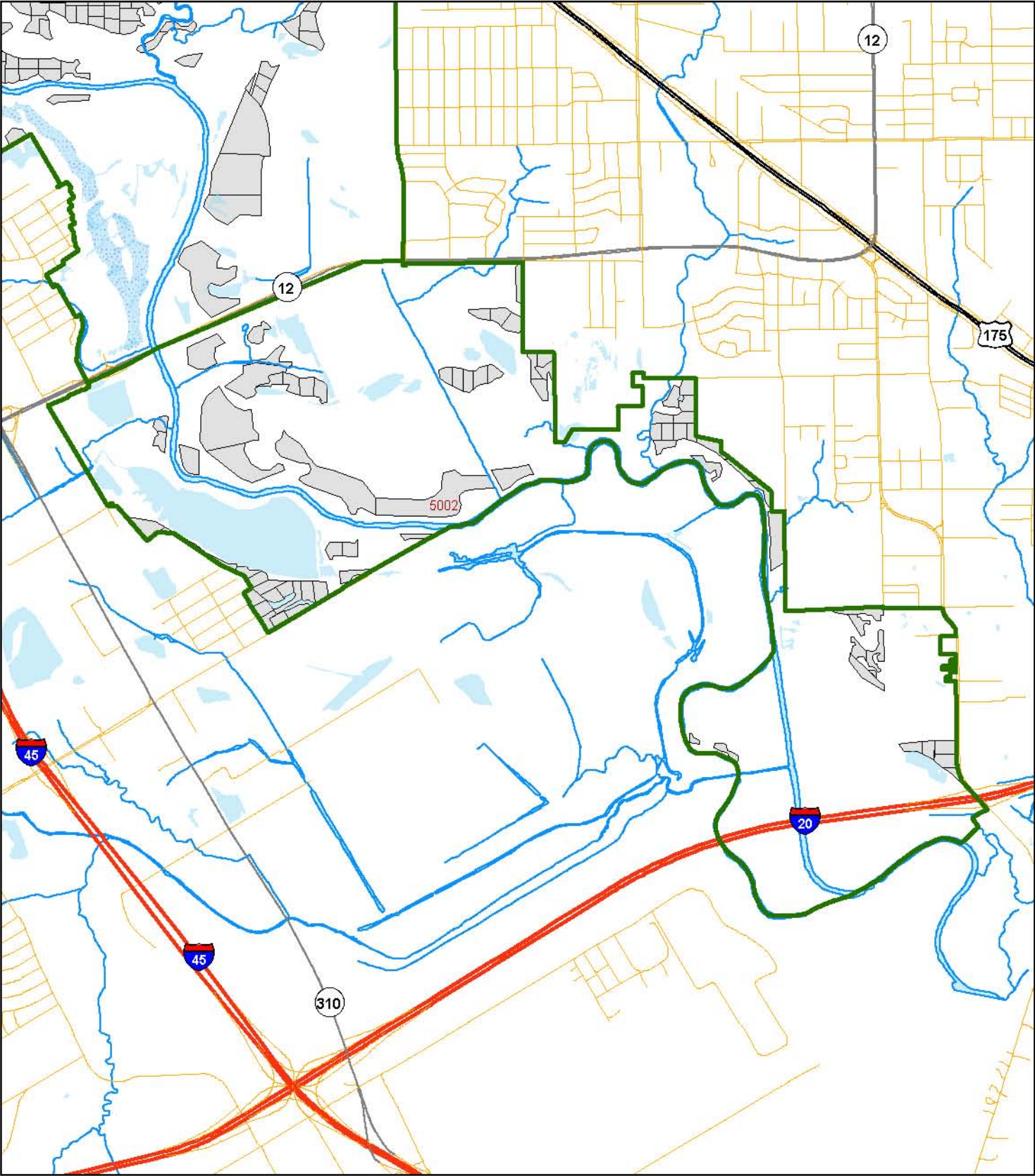


Stands
Others
Management Unit 2026



0 0.25 0.5
Miles

Management Unit 2026 - Sector 4



Stands
Others
Management Unit 2026



0 0.25 0.5 1
Miles

Management Unit 2027

DESCRIPTION

Management Unit 2027 is composed of the forest stands that in the year 2027 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2027

Prepare Stands with Herbicide – October 2027

Plant Trees – December 2027

Monitor – Fall 2028 & 2029

Plant Shrubs – December 2037

Monitor – Fall 2038 & 2039

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

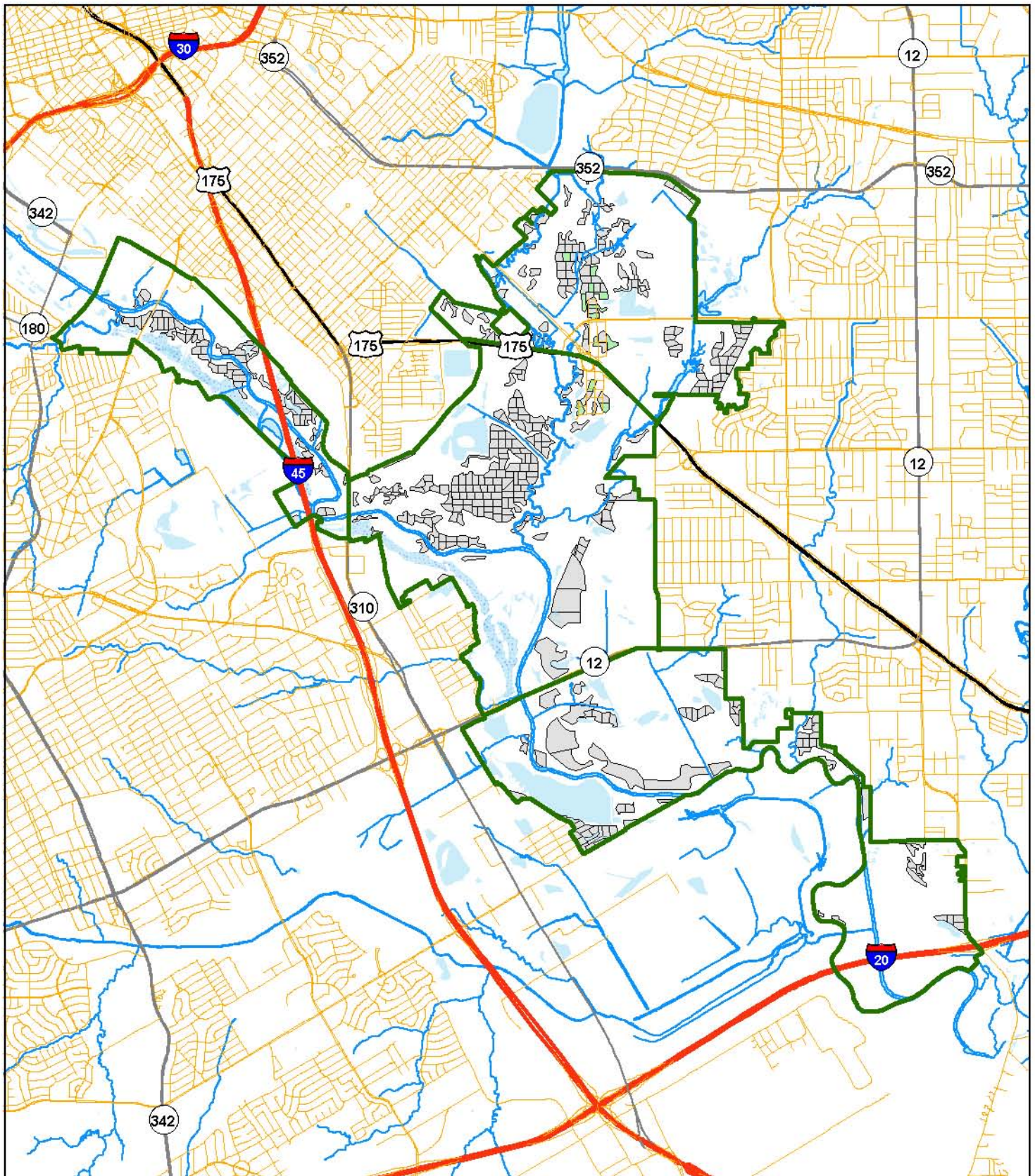
Management Unit 2027

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2201	2	2	2.1	-96.7254	32.7498
2202	2	2	2.3	-96.7250	32.7507
2205	2	2	2.7	-96.7267	32.7513
2207	2	2	2.8	-96.7242	32.7521
2210	2	2	2.1	-96.7257	32.7530
2216	2	2	2.2	-96.7254	32.7548
2233	2	2	2.4	-96.7289	32.7564
2241	2	2	3.4	-96.7233	32.7467
2243	2	2	1.9	-96.7252	32.7470
3244	3	2	2.5	-96.7242	32.7397
3245	3	2	3.1	-96.7274	32.7395
3246	3	2	2.5	-96.7258	32.7420
Total Acres:			30.1		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2027 - Overall

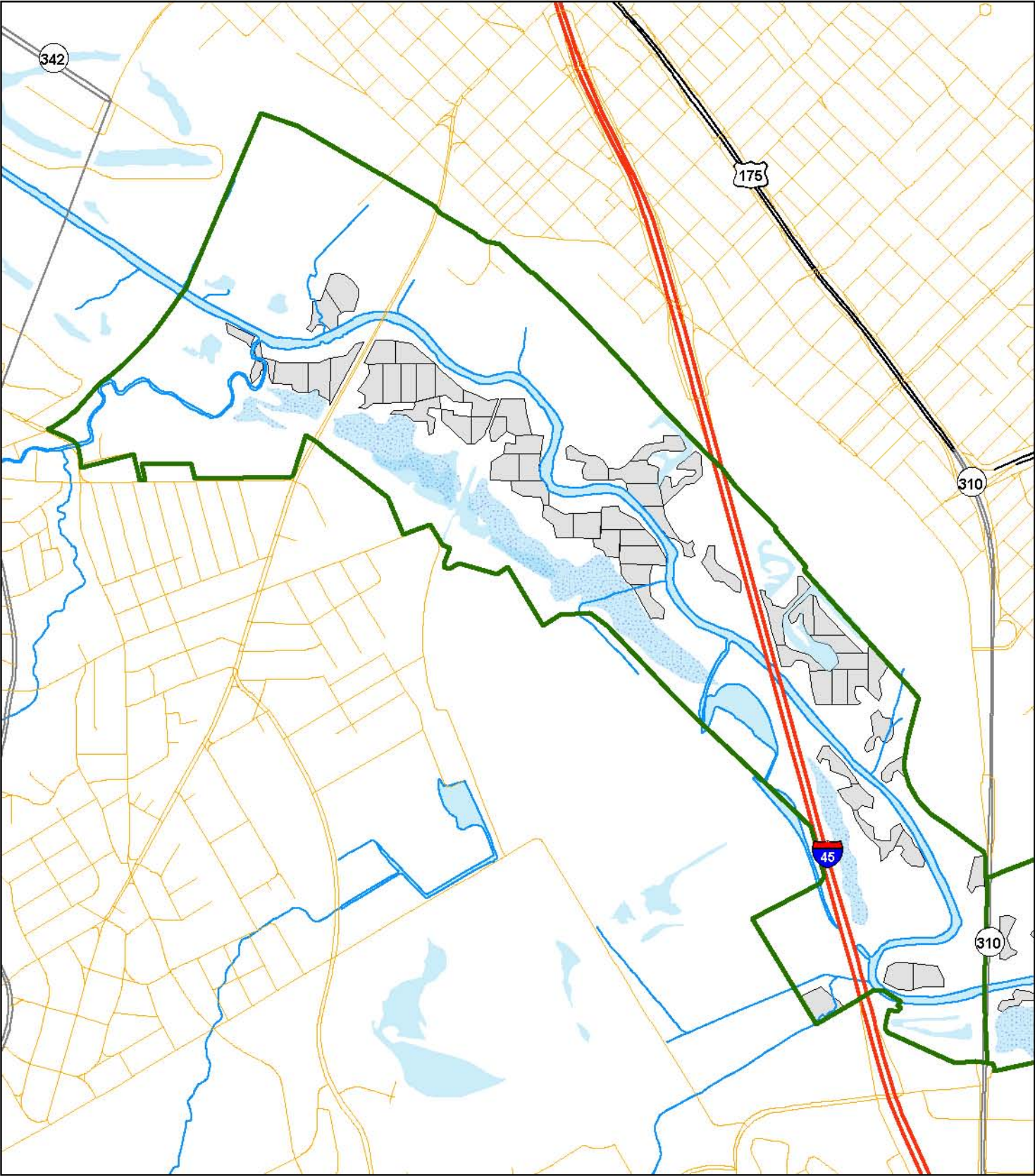


Stands

- Others
- Management Unit 2027



Management Unit 2027 - Sector 1

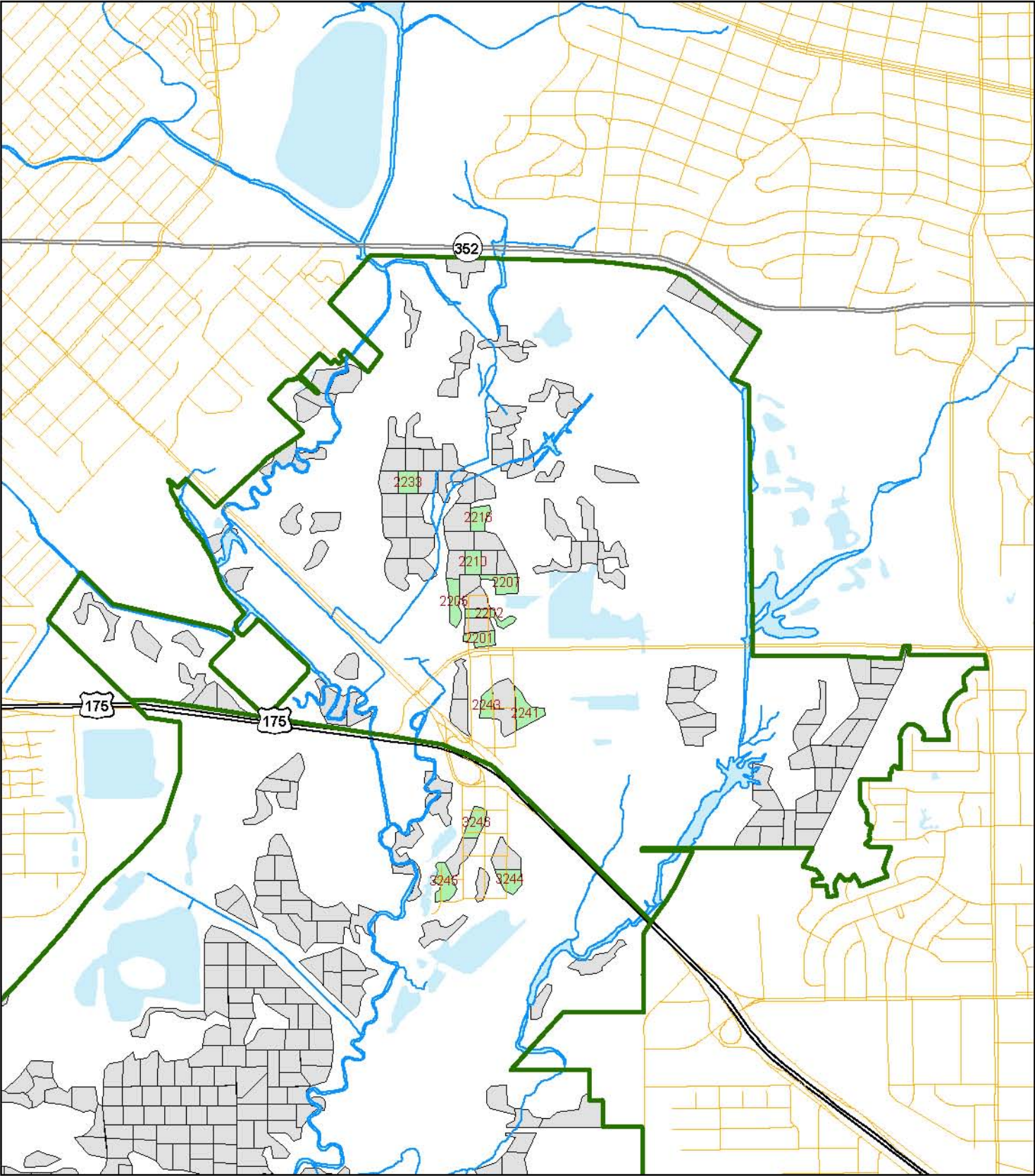


Stands
Others
Management Unit 2027



0 0.25 0.5
Miles

Management Unit 2027 - Sector 2

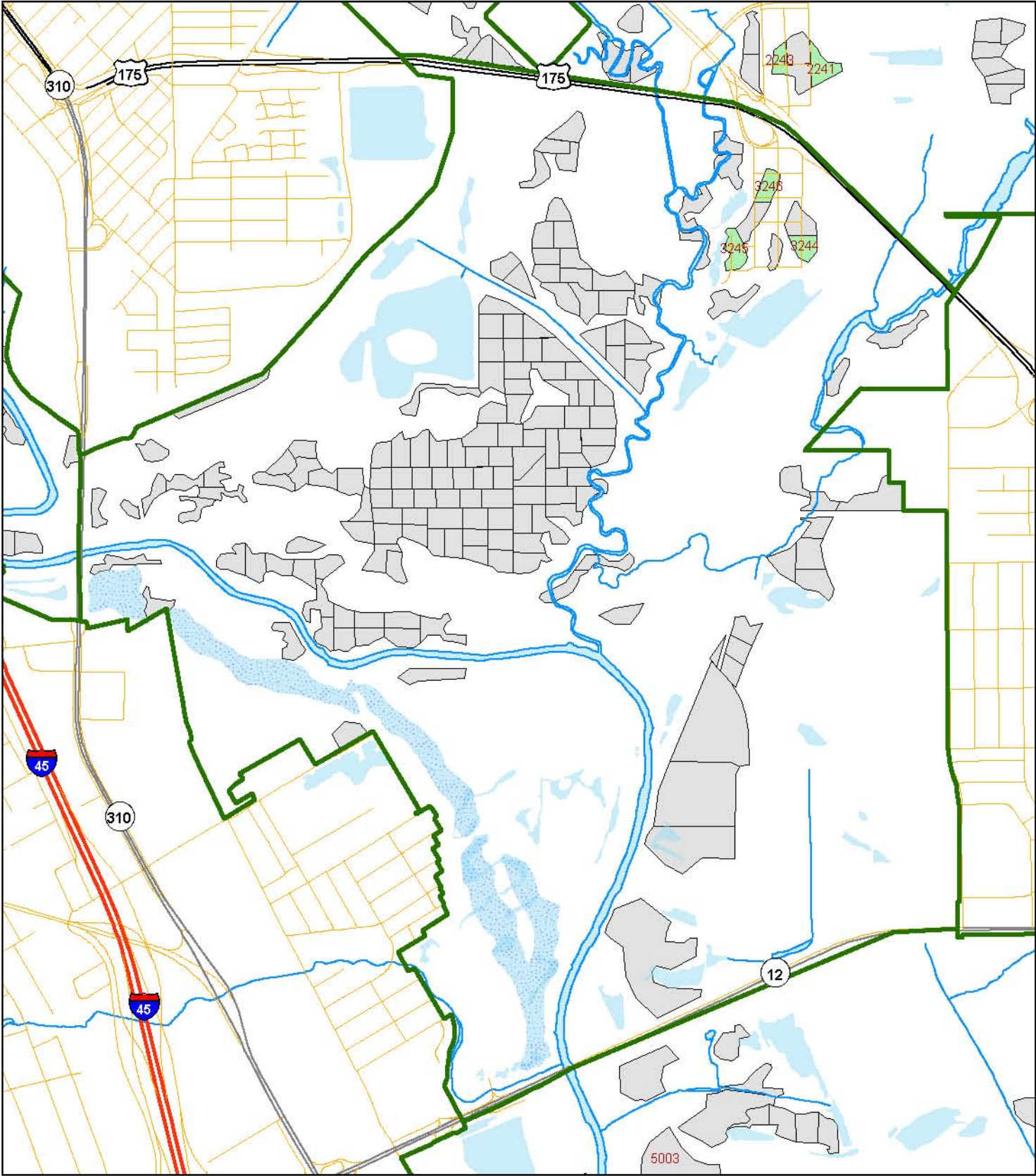


Stands
Others
Management Unit 2027



0 0.25 0.5
Miles

Management Unit 2027 - Sector 3

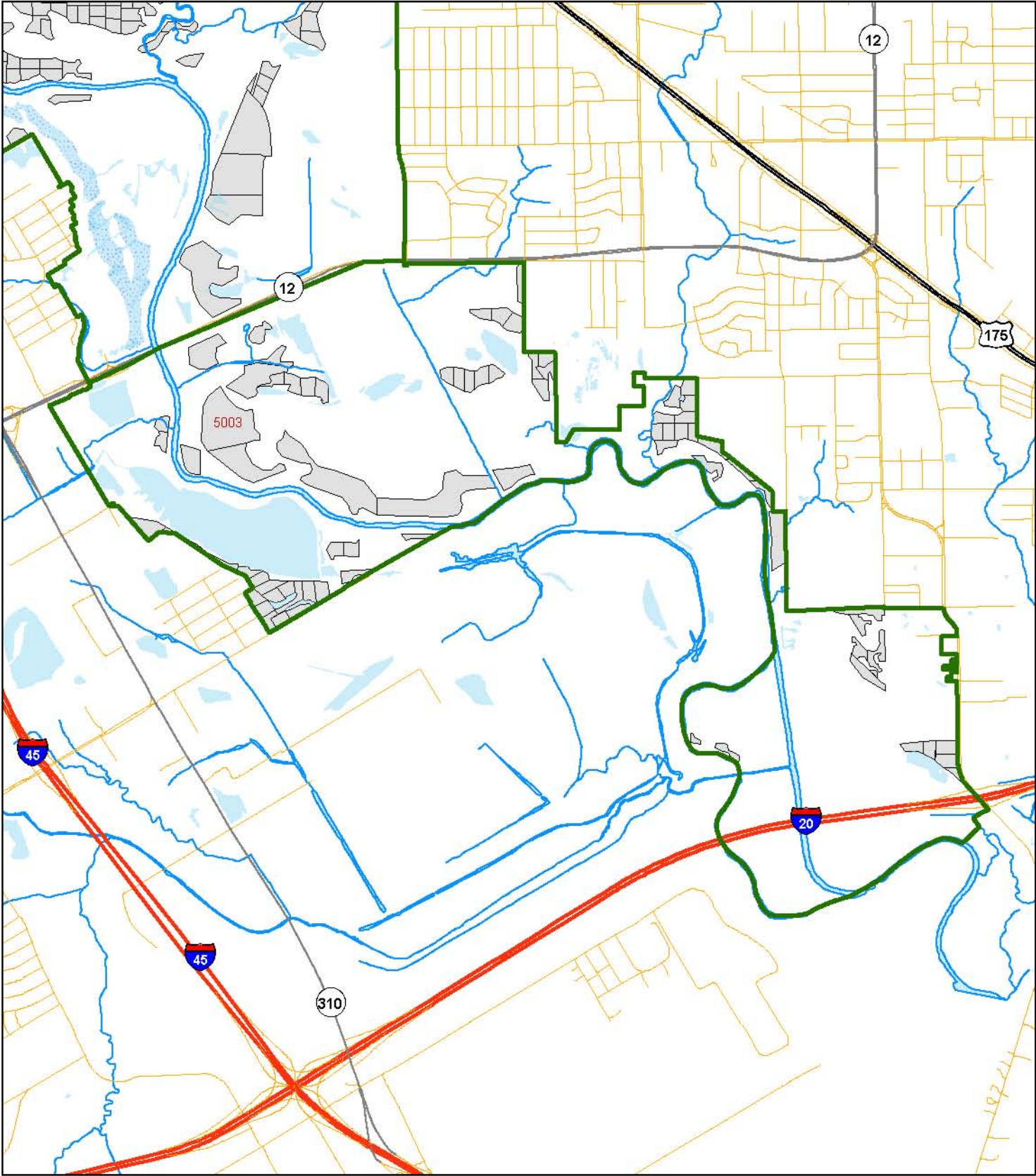


Stands
Others
Management Unit 2027

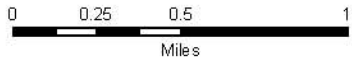


0 0.25 0.5
Miles

Management Unit 2027 - Sector 4



Stands
Others
Management Unit 2027



Management Unit 2028

DESCRIPTION

Management Unit 2028 is composed of the forest stands that in the year 2028 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2028

Prepare Stands with Herbicide – October 2028

Plant Trees – December 2028

Monitor – Fall 2029 & 2030

Plant Shrubs – December 2038

Monitor – Fall 2039 & 2040

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

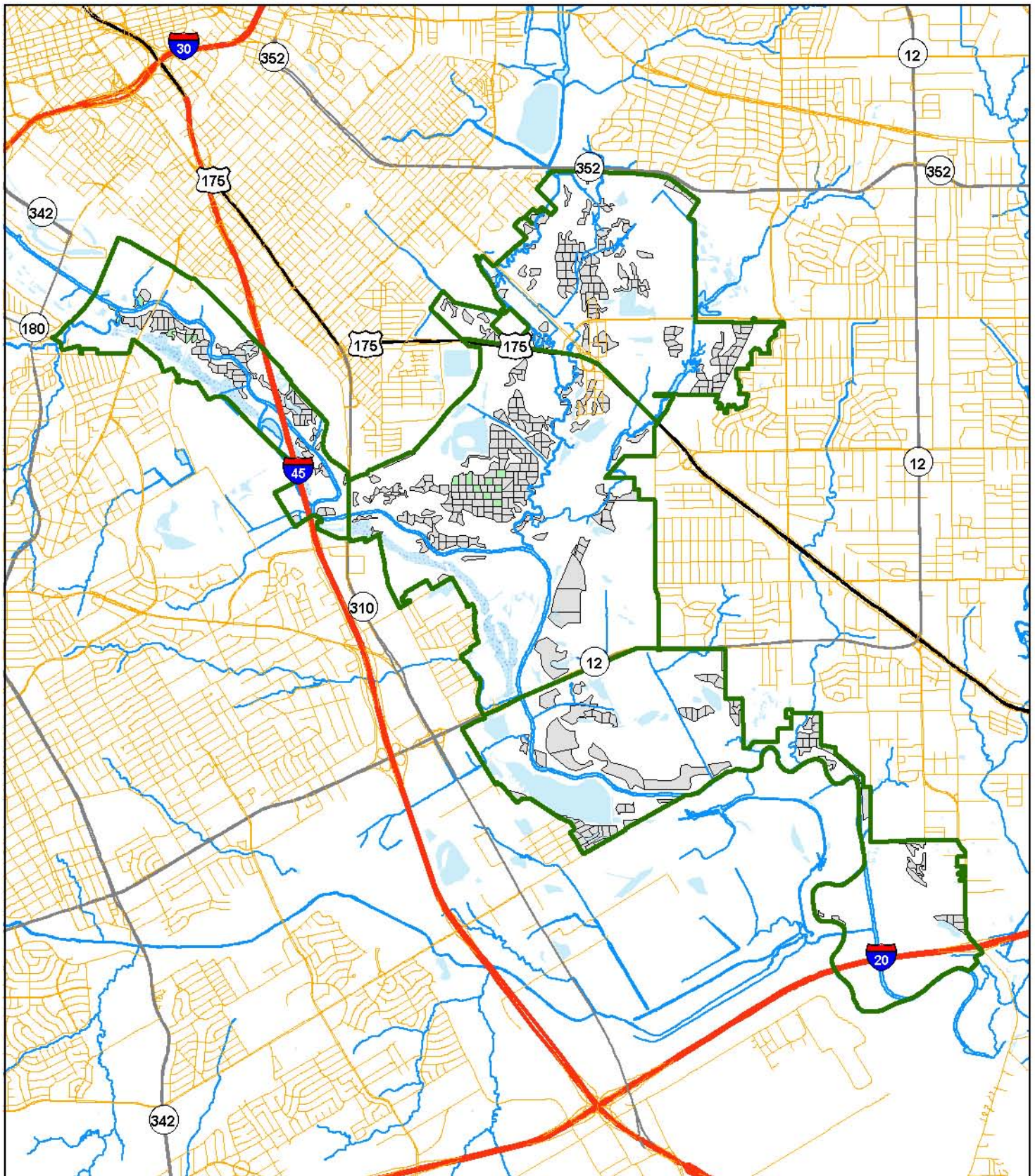
Management Unit 2028

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1256	1	2	3.0	-96.7852	32.7522
1257	1	2	2.4	-96.7881	32.7503
1257	1	2	2.4	-96.7880	32.7509
1257	1	2	2.4	-96.7888	32.7515
1264	1	2	2.5	-96.7812	32.7487
1270	1	2	2.7	-96.7785	32.7481
1270	1	2	2.7	-96.7781	32.7481
3358	3	2	2.7	-96.7380	32.7324
3371	3	2	2.3	-96.7440	32.7317
3373	3	2	3.0	-96.7422	32.7319
3376	3	2	2.3	-96.7396	32.7316
3391	3	2	2.1	-96.7412	32.7308
3393	3	2	2.0	-96.7384	32.7308
3399	3	2	2.0	-96.7399	32.7300
3401	3	2	2.5	-96.7385	32.7292
Total Acres:			36.9		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2028 - Overall

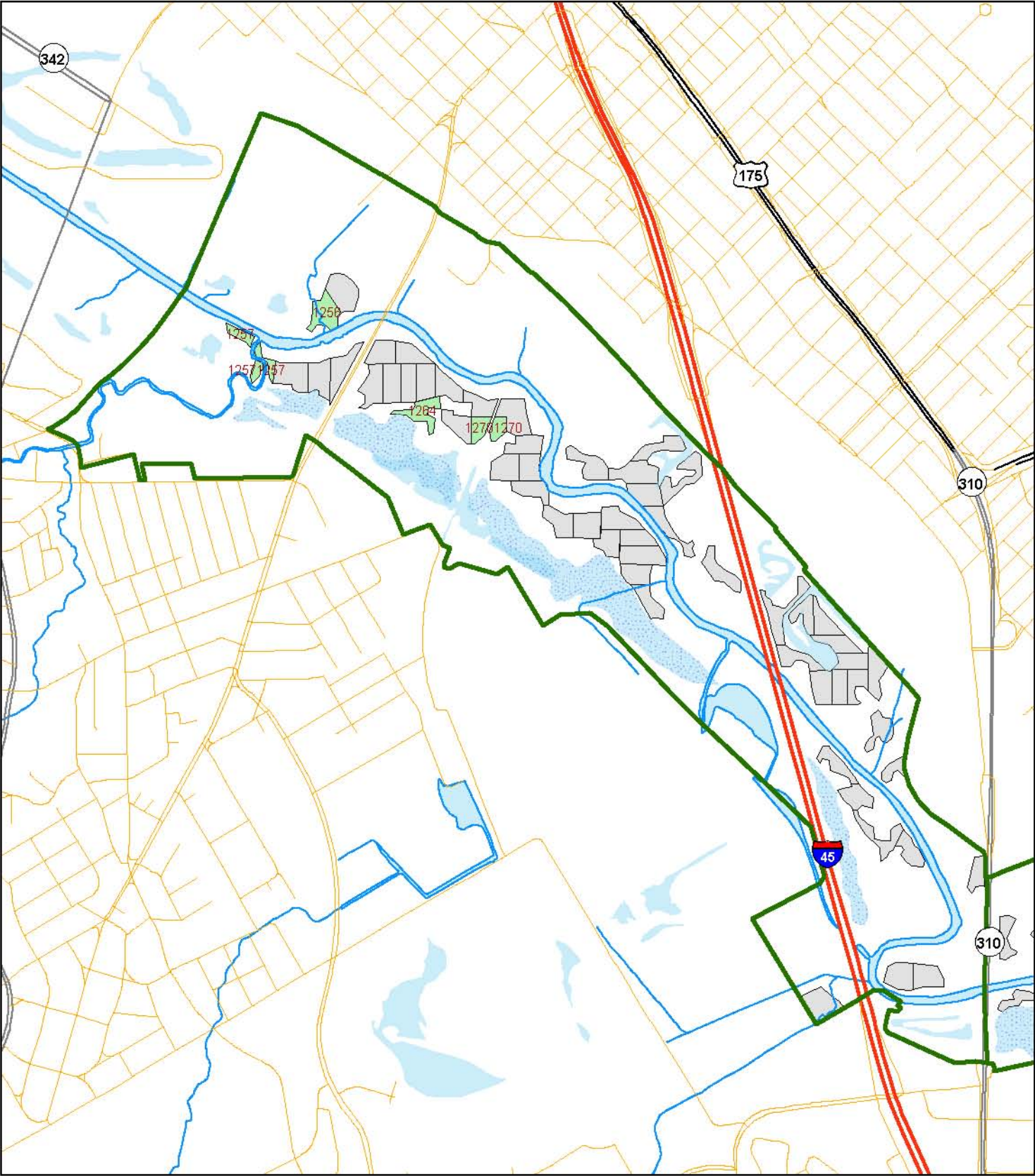


Stands

- Others
- Management Unit 2028



Management Unit 2028 - Sector 1

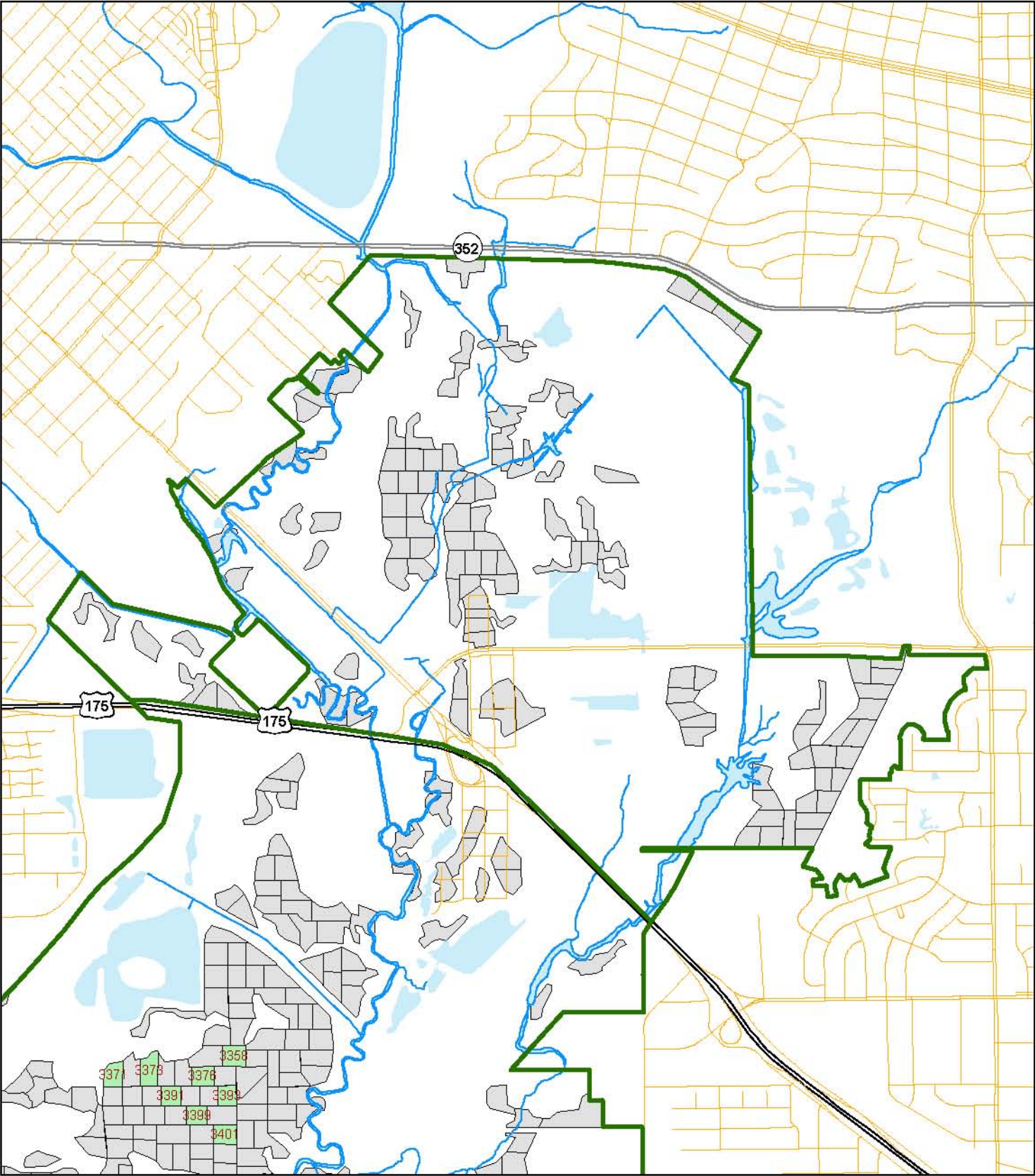


Stands
Others
Management Unit 2028



0 0.25 0.5
Miles

Management Unit 2028 - Sector 2

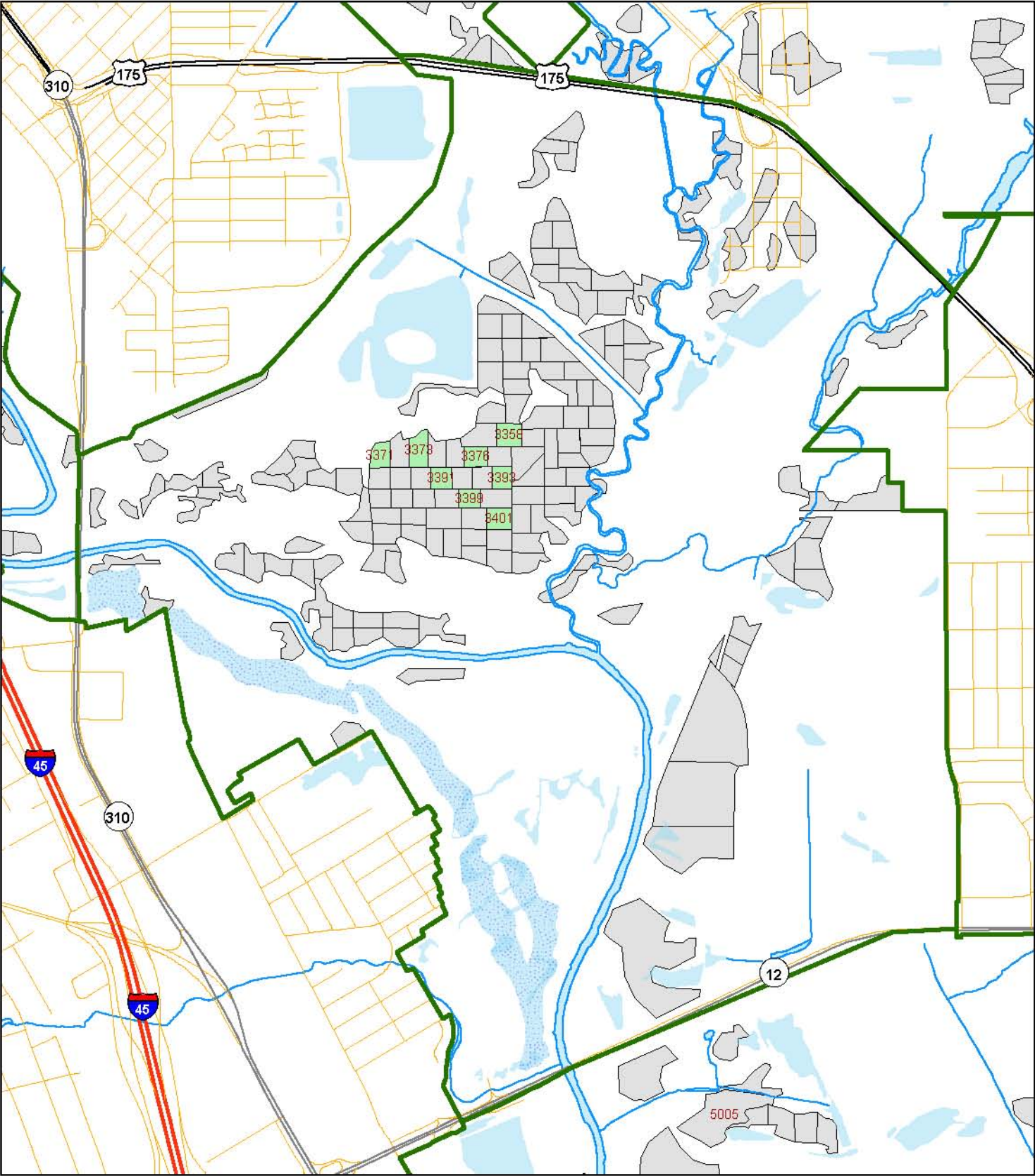


Stands
Others
Management Unit 2028



0 0.25 0.5
Miles

Management Unit 2028 - Sector 3

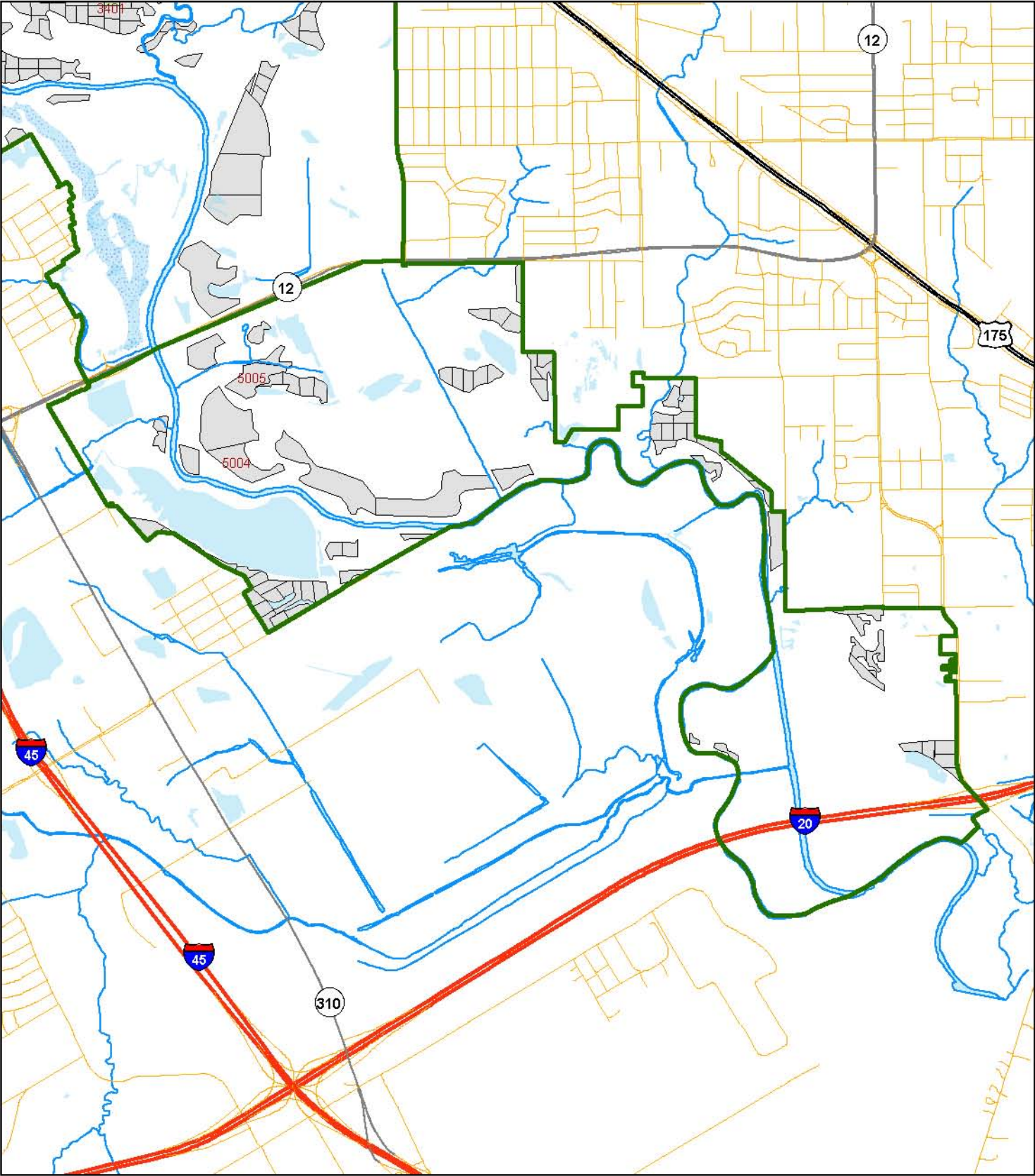


Stands
Others
Management Unit 2028



0 0.25 0.5
Miles

Management Unit 2028 - Sector 4



Stands
Others
Management Unit 2028



0 0.25 0.5 1
Miles

Management Unit 2029

DESCRIPTION

Management Unit 2029 is composed of the forest stands that in the year 2029 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2029

Prepare Stands with Herbicide – October 2029

Plant Trees – December 2029

Monitor – Fall 2030 & 2031

Plant Shrubs – December 2039

Monitor – Fall 2040 & 2041

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

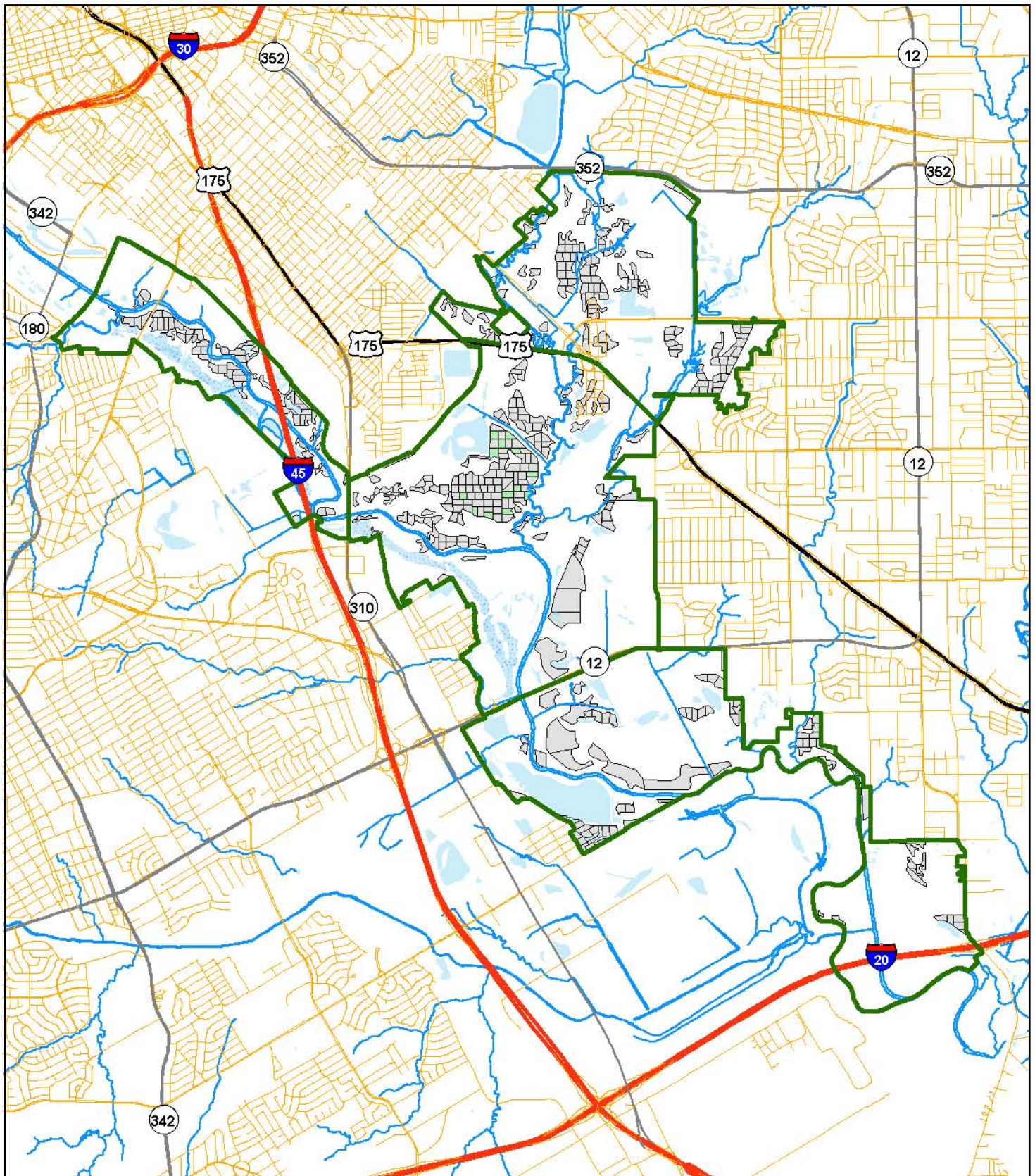
Management Unit 2029

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3330	3	2	2.2	-96.7368	32.7366
3331	3	2	2.8	-96.7388	32.7367
3335	3	2	2.2	-96.7378	32.7358
3337	3	2	3.4	-96.7388	32.7347
3339	3	2	2.3	-96.7361	32.7350
3352	3	2	2.7	-96.7339	32.7323
3362	3	2	1.9	-96.7359	32.7308
3363	3	2	2.3	-96.7344	32.7301
3366	3	2	2.8	-96.7372	32.7301
3368	3	2	2.7	-96.7373	32.7282
3396	3	2	2.0	-96.7430	32.7300
3405	3	2	1.9	-96.7397	32.7278
3411	3	2	2.0	-96.7415	32.7283
Total Acres:			31.1		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2029 - Overall

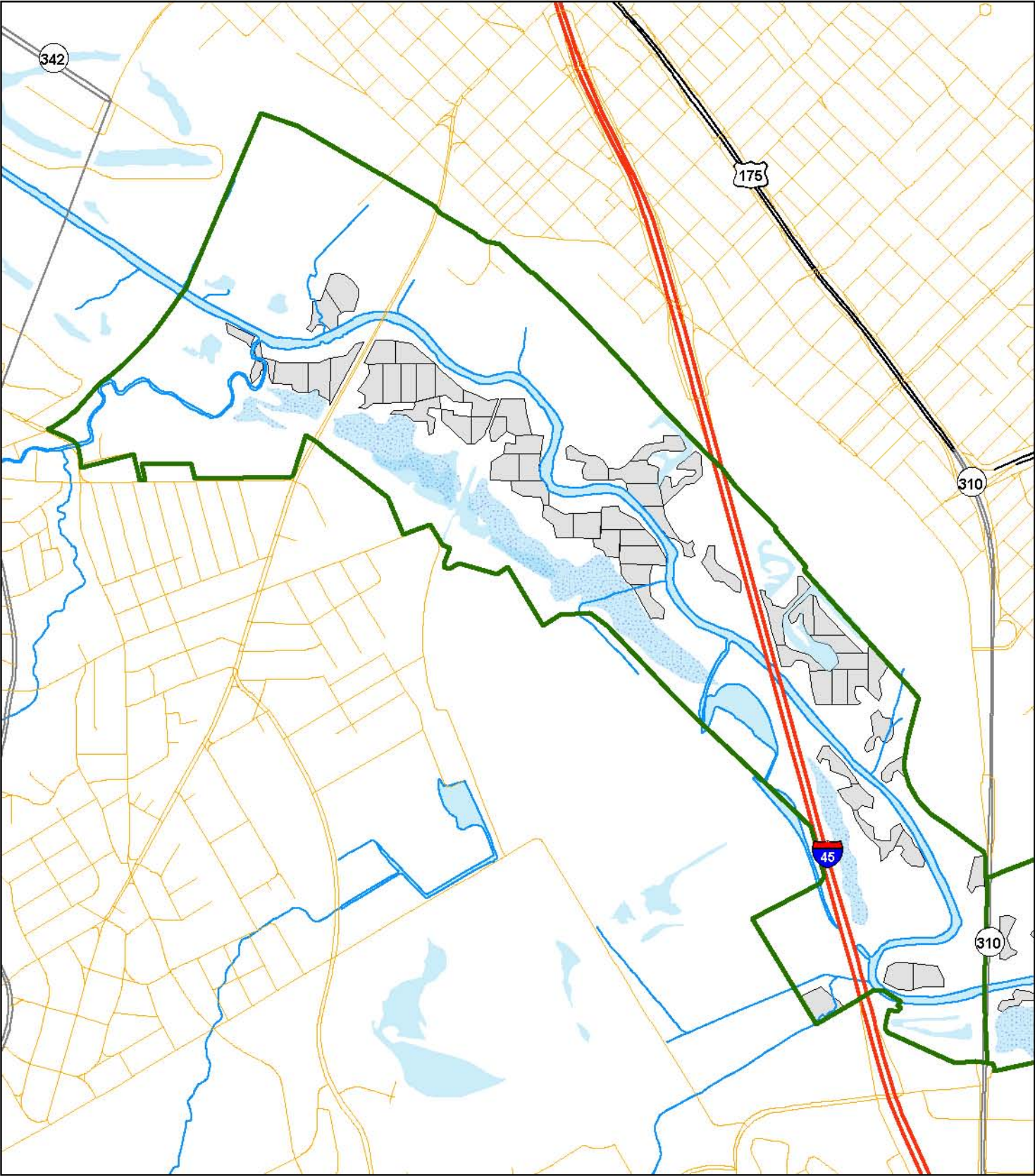


Stands

- Others
- Management Unit 2029



Management Unit 2029 - Sector 1

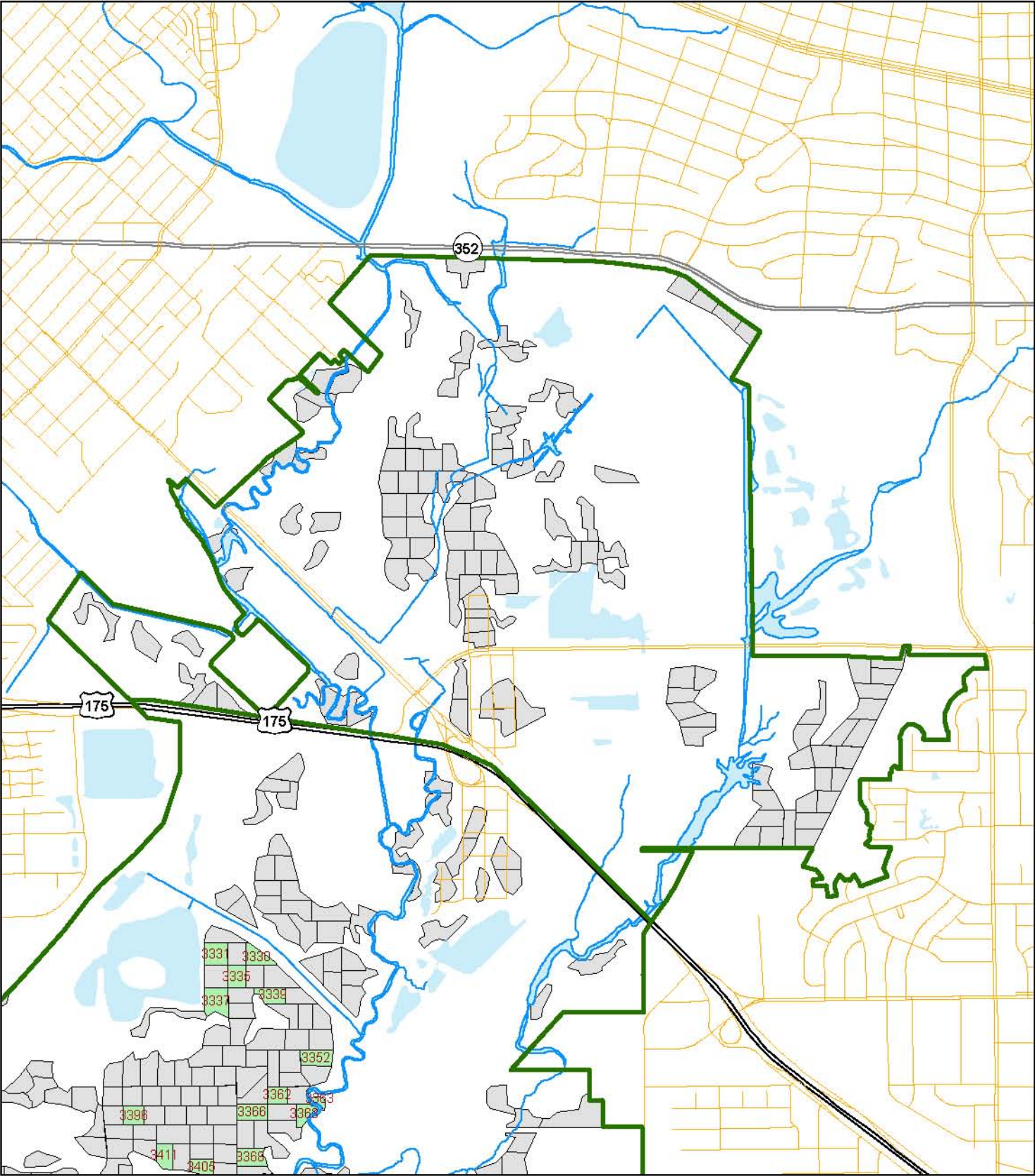


Stands
Others
Management Unit 2029



0 0.25 0.5
Miles

Management Unit 2029 - Sector 2

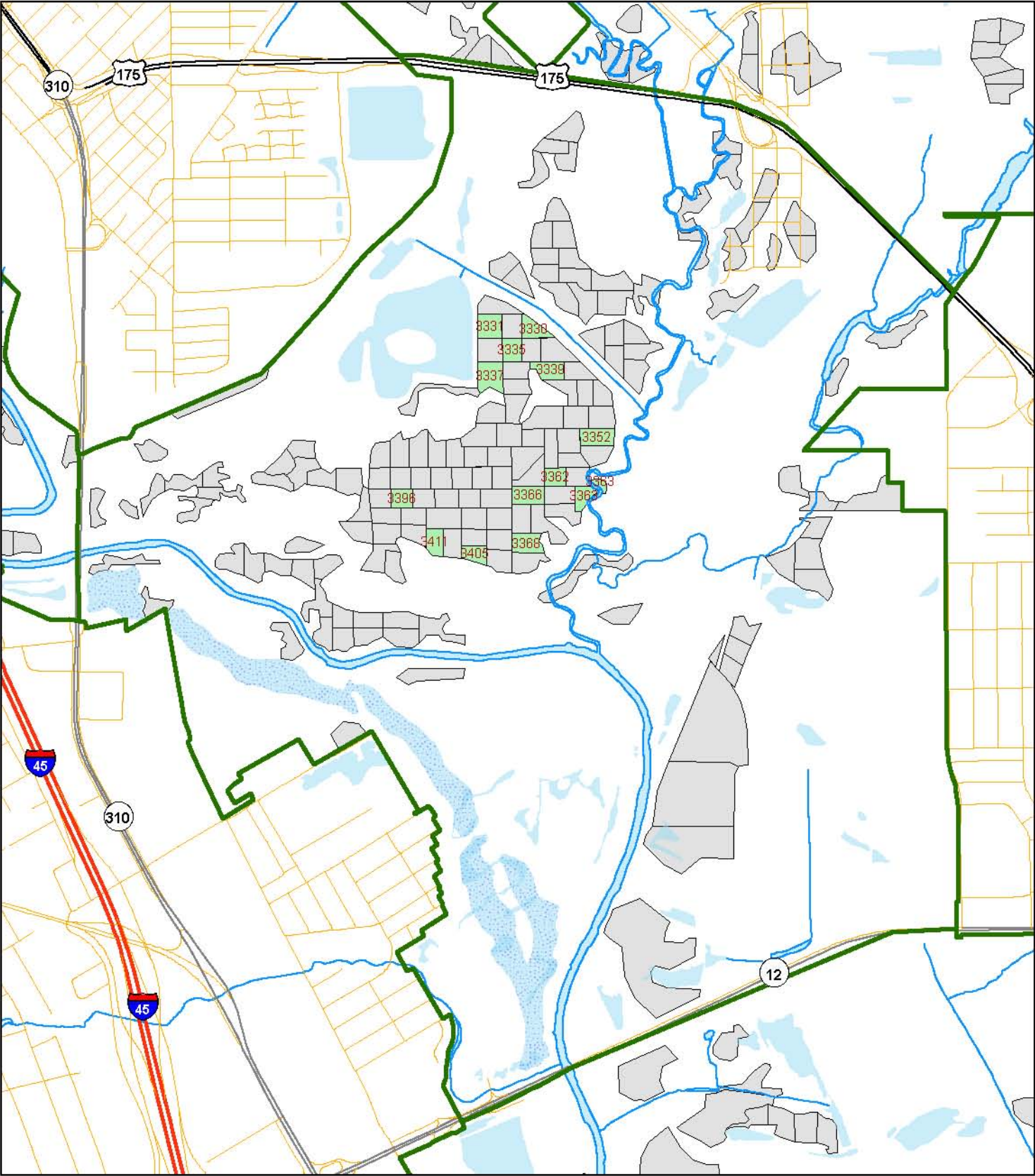


Stands
Others
Management Unit 2029



0 0.25 0.5
Miles

Management Unit 2029 - Sector 3

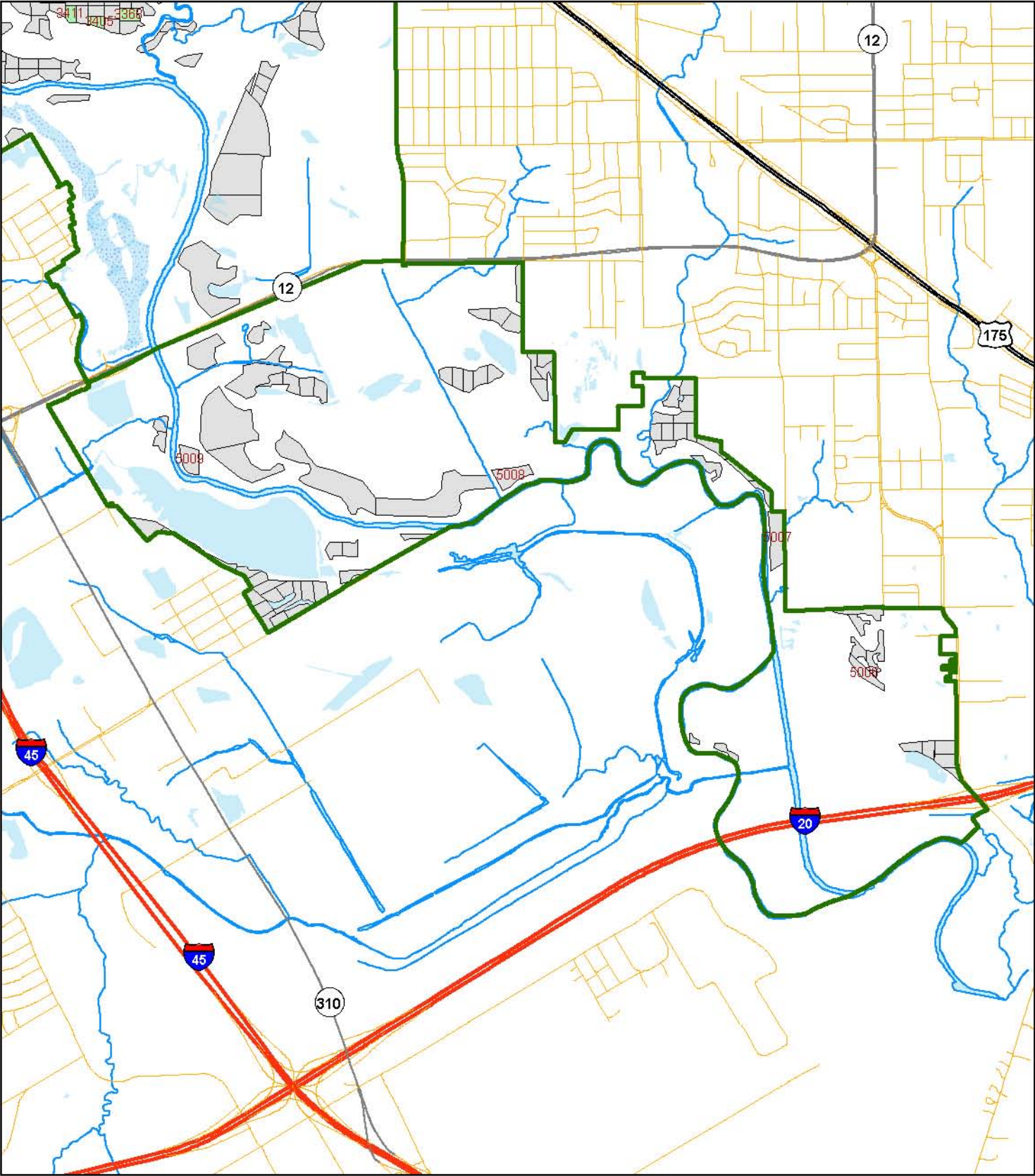


Stands
Others
Management Unit 2029



0 0.25 0.5
Miles

Management Unit 2029 - Sector 4



Stands
Others
Management Unit 2029



0 0.25 0.5 1
Miles

Management Unit 2030

DESCRIPTION

Management Unit 2030 is composed of the forest stands that in the year 2030 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2030

Prepare Stands with Herbicide – October 2030

Plant Trees – December 2030

Monitor – Fall 2031 & 2032

Plant Shrubs – December 2040

Monitor – Fall 2041 & 2042

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

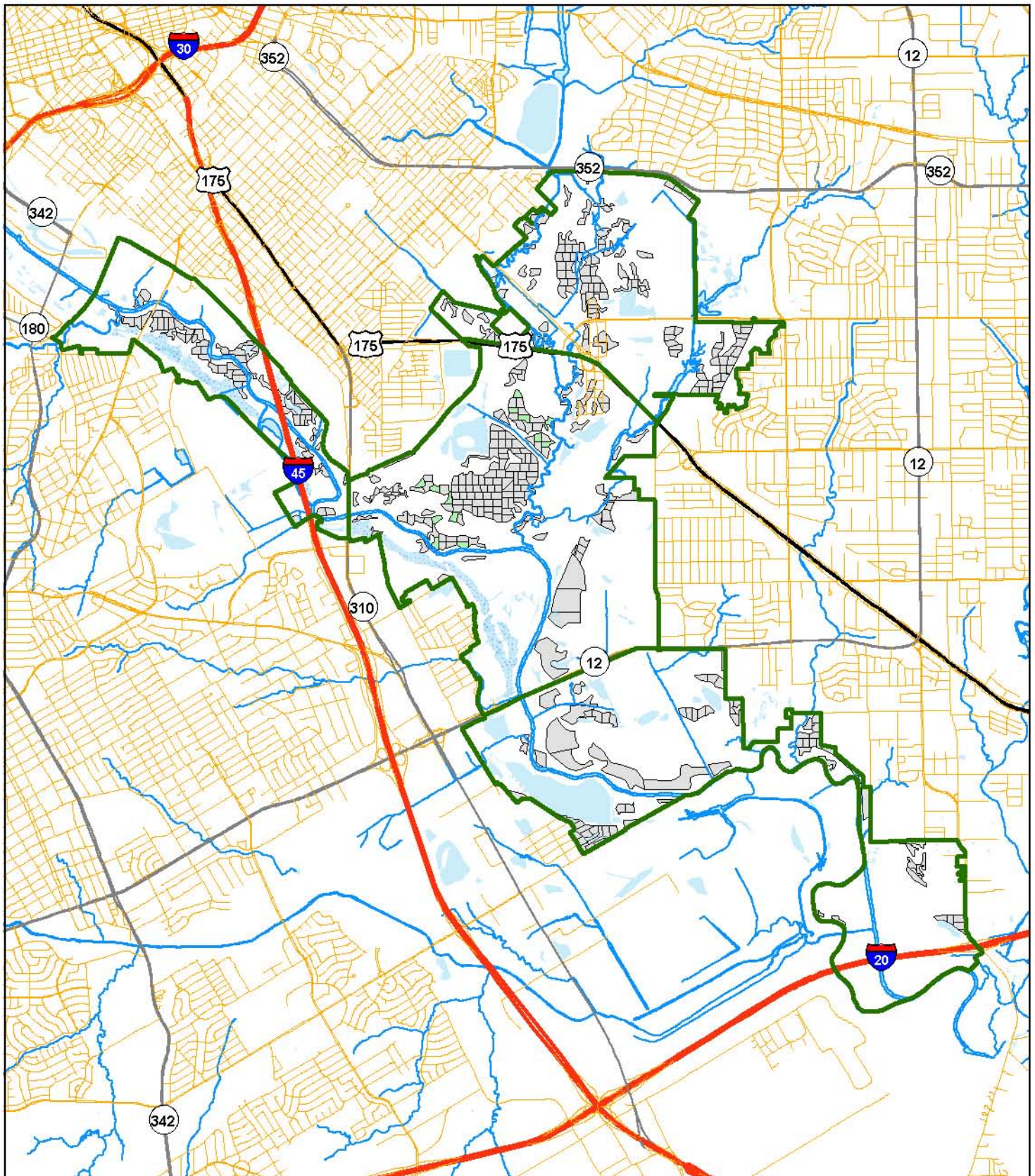
Management Unit 2030

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3062	3	2	2.6	-96.7347	32.7386
3304	3	2	2.2	-96.7466	32.7274
3307	3	2	2.7	-96.7431	32.7246
3313	3	2	2.2	-96.7467	32.7248
3315	3	2	3.1	-96.7315	32.7380
3318	3	2	2.0	-96.7356	32.7412
3321	3	2	2.1	-96.7362	32.7395
3326	3	2	2.0	-96.7330	32.7363
3328	3	2	2.3	-96.7319	32.7357
3378	3	2	2.1	-96.7486	32.7314
3381	3	2	2.2	-96.7467	32.7309
3384	3	2	2.7	-96.7442	32.7277
3386	3	2	1.9	-96.7449	32.7297
Total Acres:			30.3		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2030 - Overall

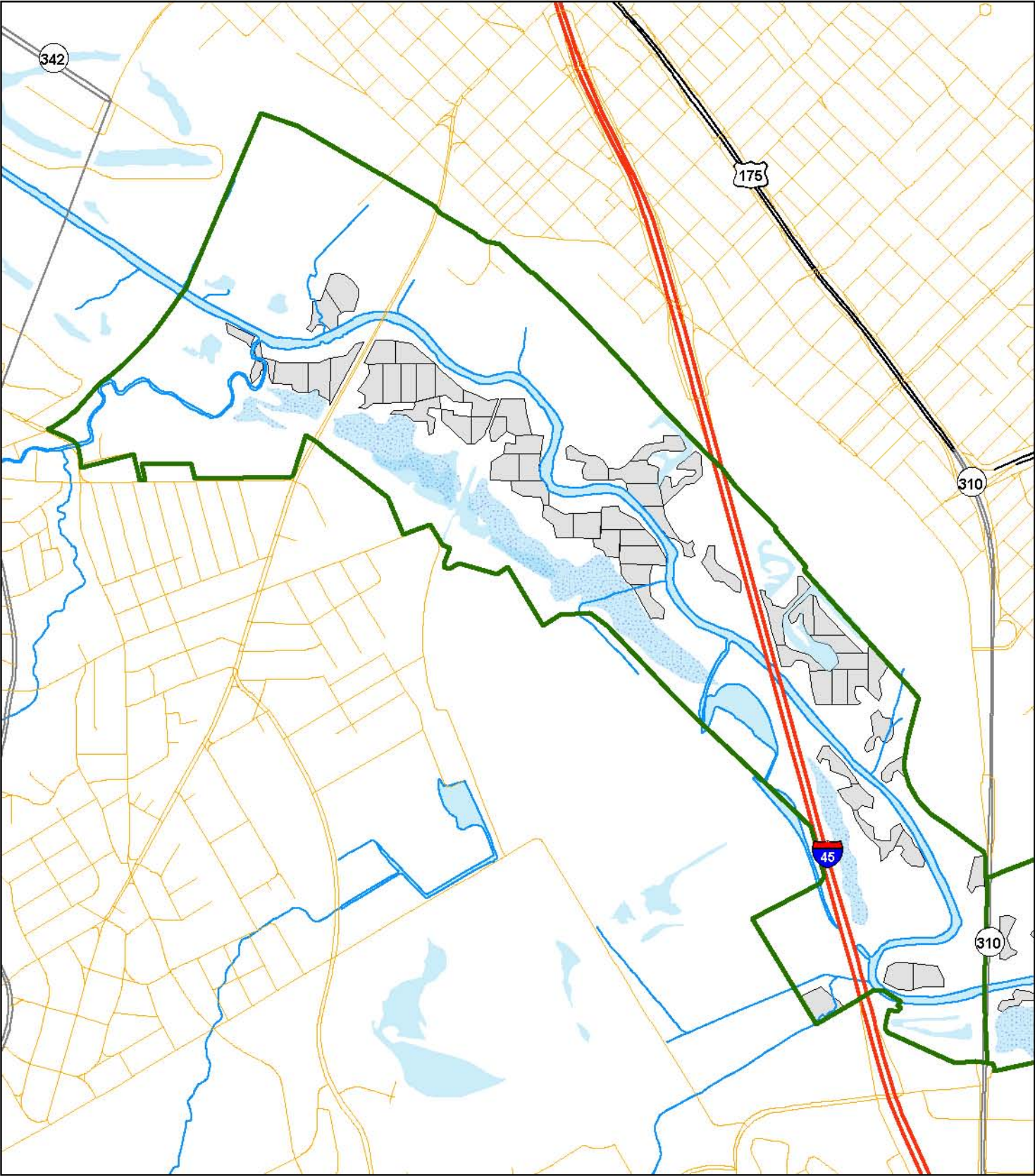


Stands

- Others
- Management Unit 2030



Management Unit 2030 - Sector 1



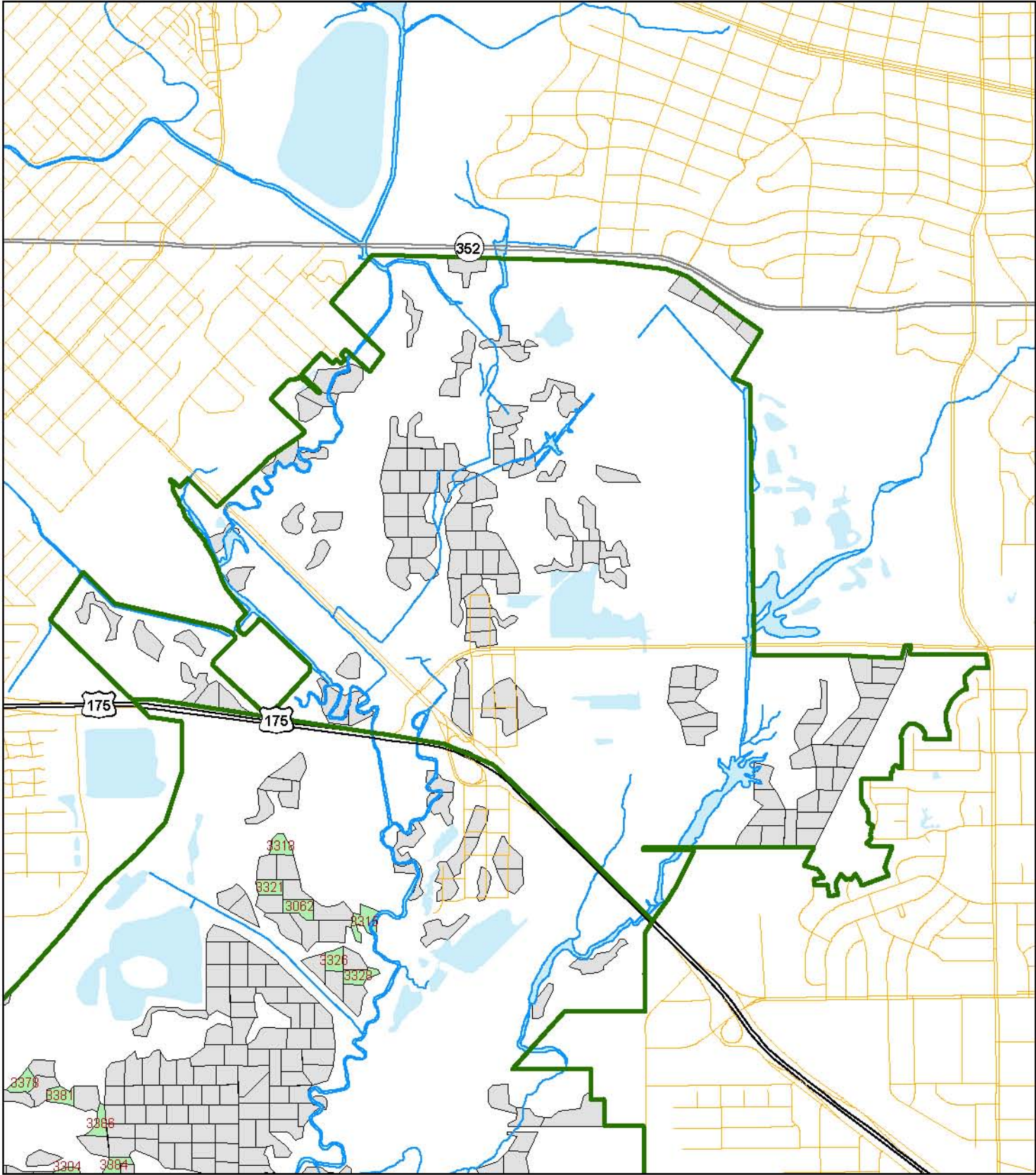
Stands

- Others
- Management Unit 2030



0 0.25 0.5
Miles

Management Unit 2030 - Sector 2

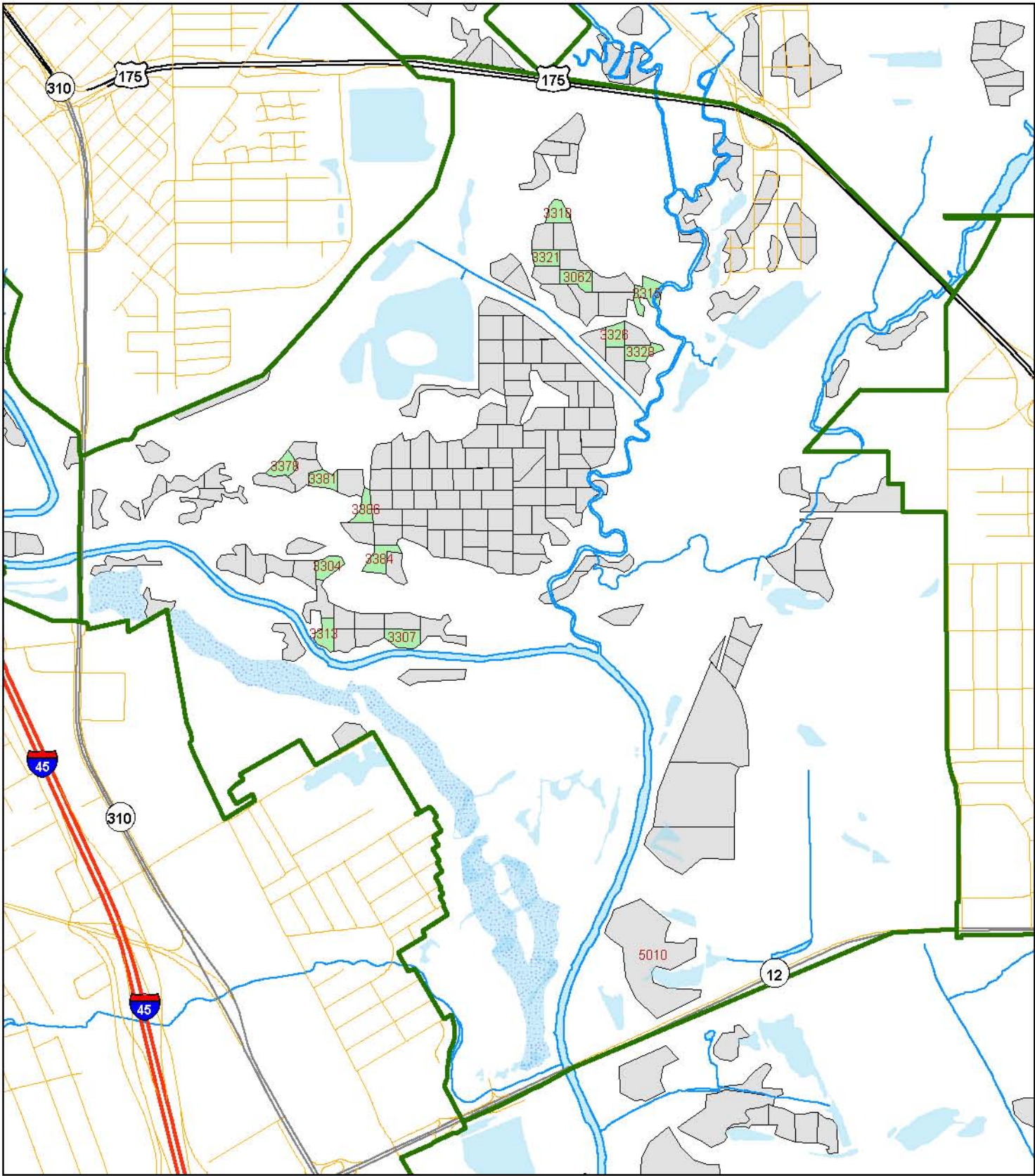


Stands
Others
Management Unit 2030



0 0.25 0.5
Miles

Management Unit 2030 - Sector 3

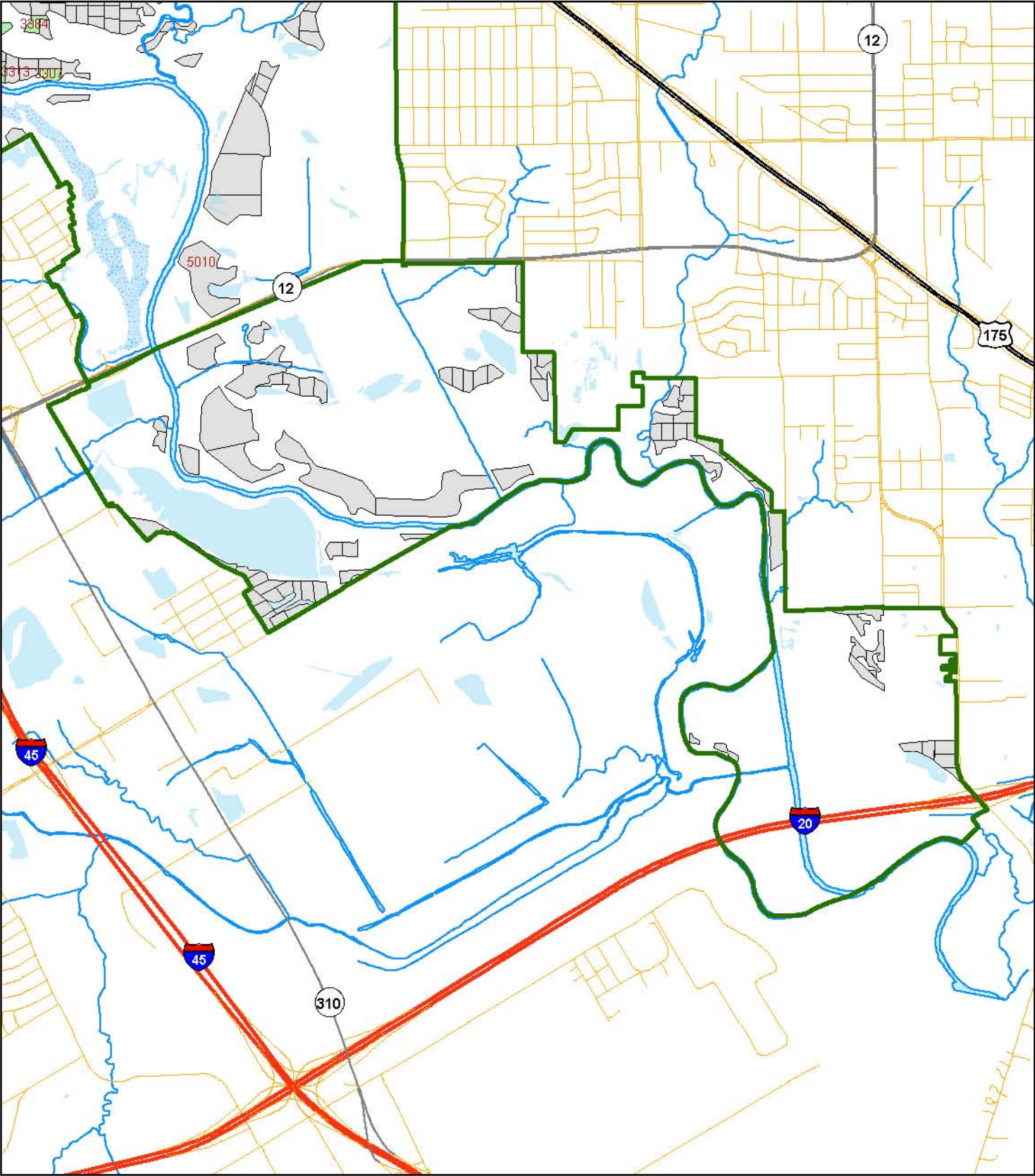


Stands
Others
Management Unit 2030



0 0.25 0.5
Miles

Management Unit 2030 - Sector 4



Stands

- Others
- Management Unit 2030



0 0.25 0.5 1
Miles

Management Unit 2031

DESCRIPTION

Management Unit 2031 is composed of the forest stands that in the year 2031 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2031

Prepare Stands with Herbicide – October 2031

Plant Trees – December 2031

Monitor – Fall 2032 & 2033

Plant Shrubs – December 2041

Monitor – Fall 2042 & 2043

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

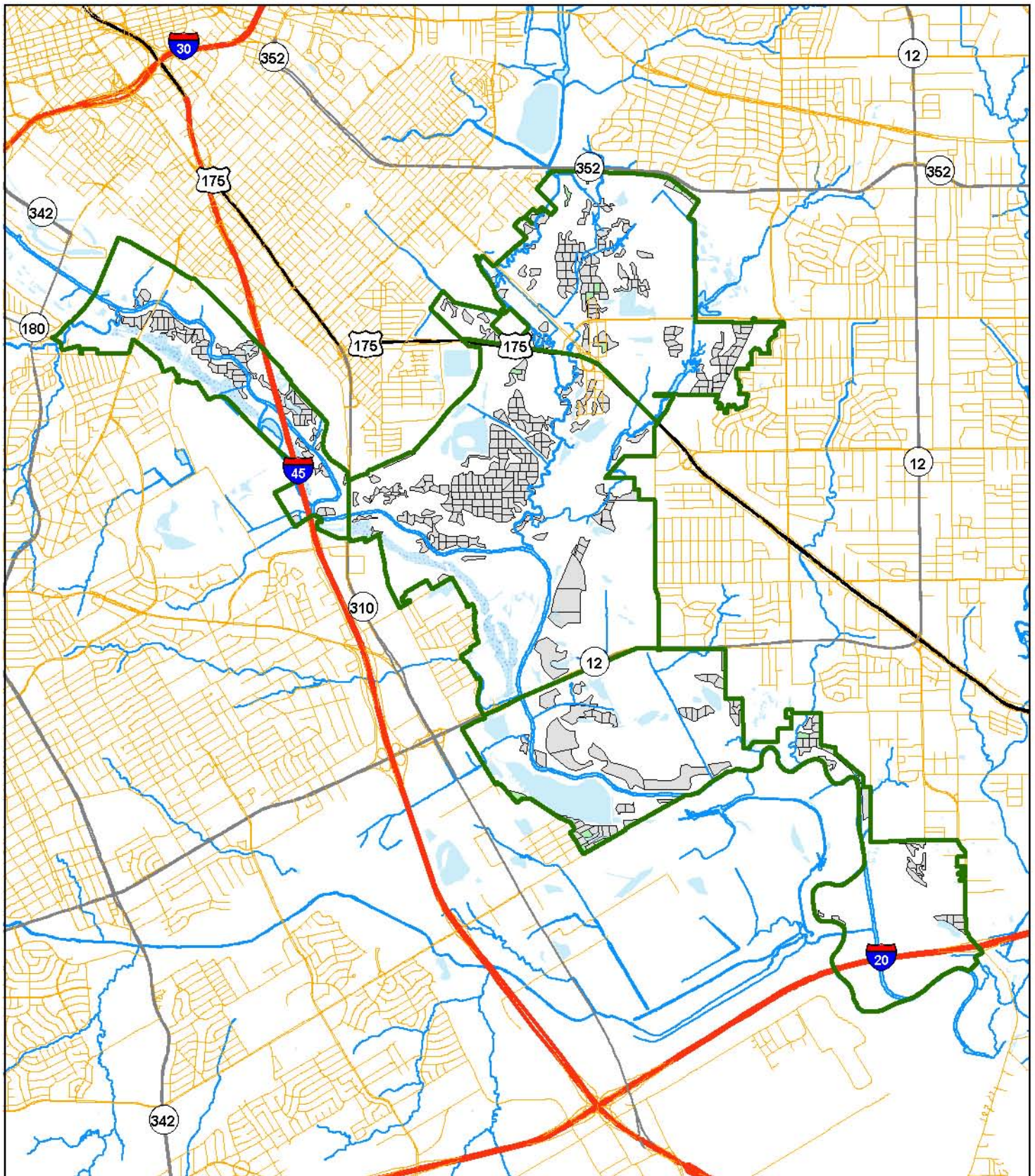
Management Unit 2031

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2031	2	2	2.1	-96.7140	32.7638
2032	2	2	3.6	-96.7259	32.7653
2033	2	2	2.2	-96.7286	32.7632
2206	2	2	2.1	-96.7260	32.7521
2211	2	2	2.0	-96.7249	32.7530
2242	2	2	2.4	-96.7242	32.7463
3056	3	2	2.0	-96.7358	32.7437
4012	4	2	2.4	-96.7275	32.6921
4115	4	2	2.5	-96.6989	32.7027
4132	4	2	4.7	-96.7366	32.6965
4137	4	2	2.6	-96.7257	32.6912
4139	4	2	2.1	-96.7279	32.6906
Total Acres:			30.7		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

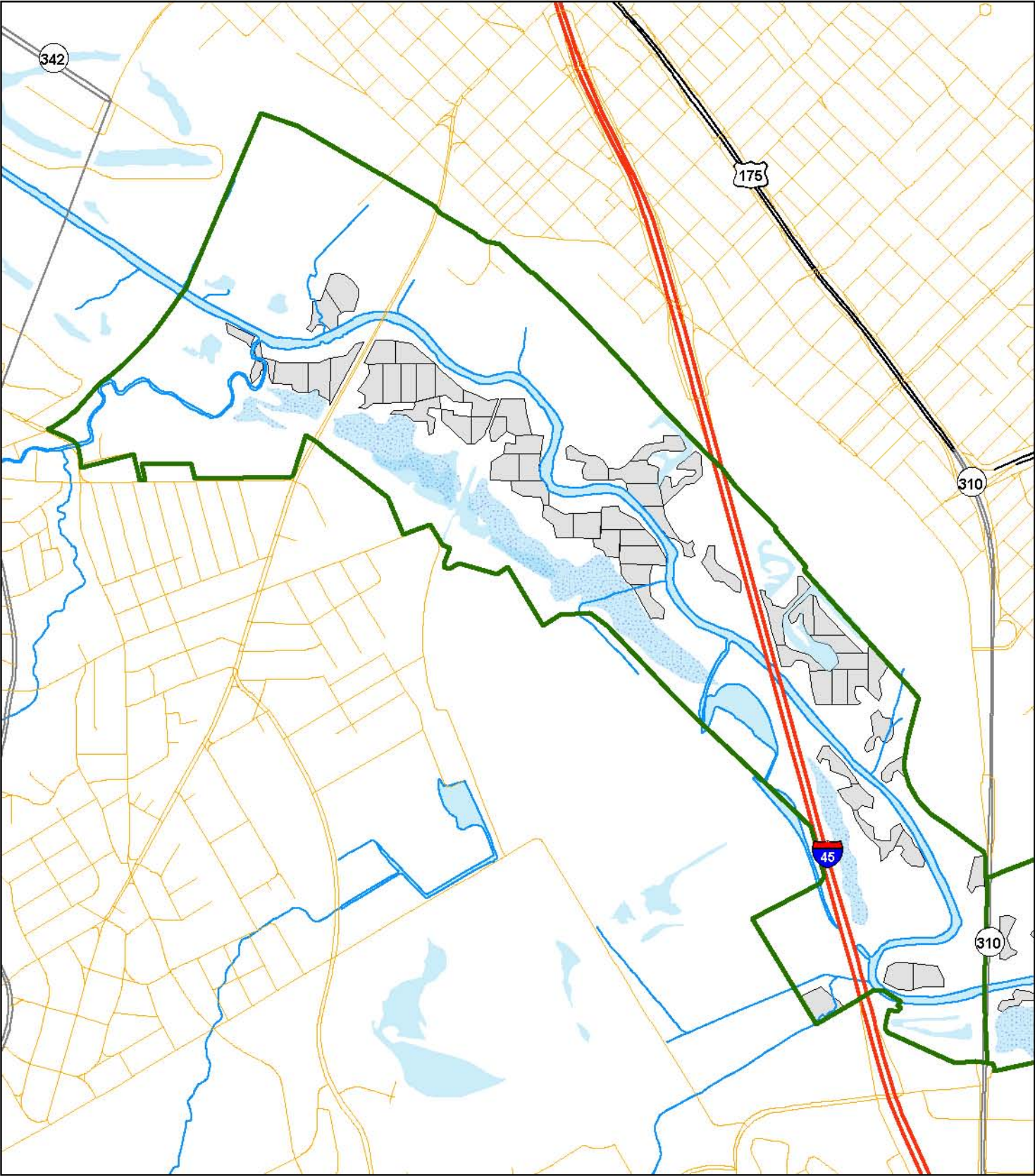
Management Unit 2031 - Overall



Stands

- Others
- Management Unit 2031

Management Unit 2031 - Sector 1

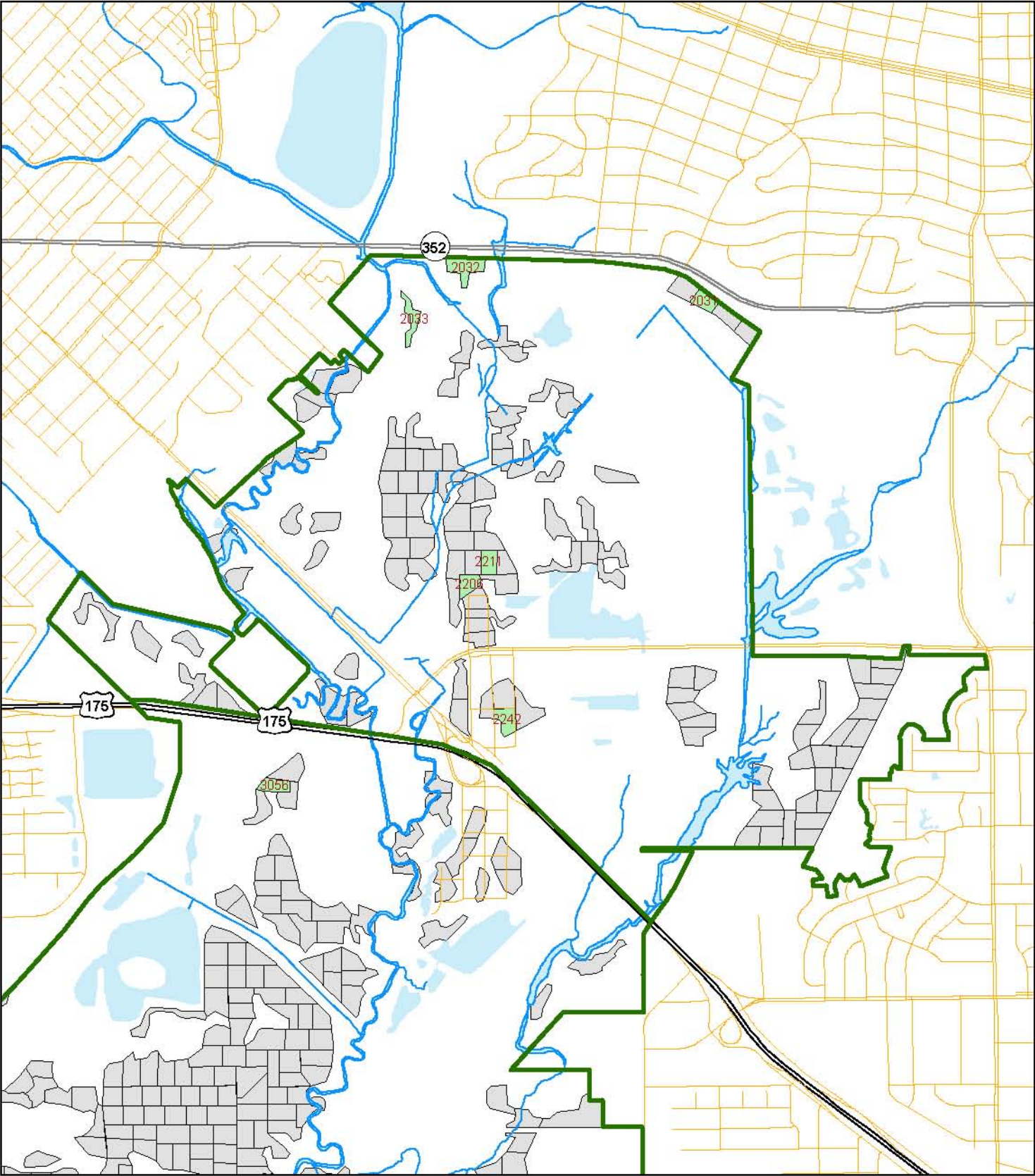


Stands
Others
Management Unit 2031



0 0.25 0.5
Miles

Management Unit 2031 - Sector 2

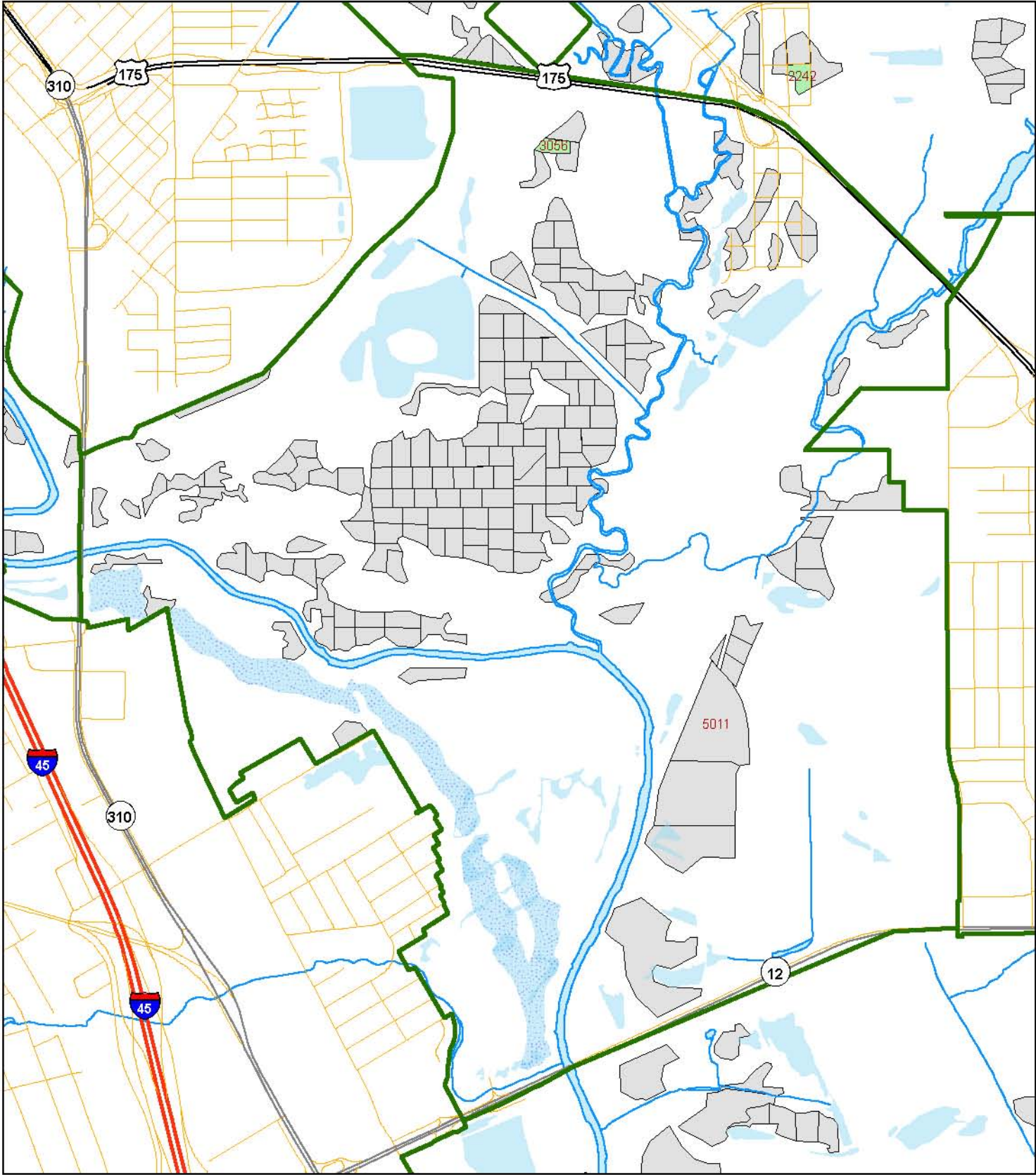


Stands
Others
Management Unit 2031



0 0.25 0.5
Miles

Management Unit 2031 - Sector 3

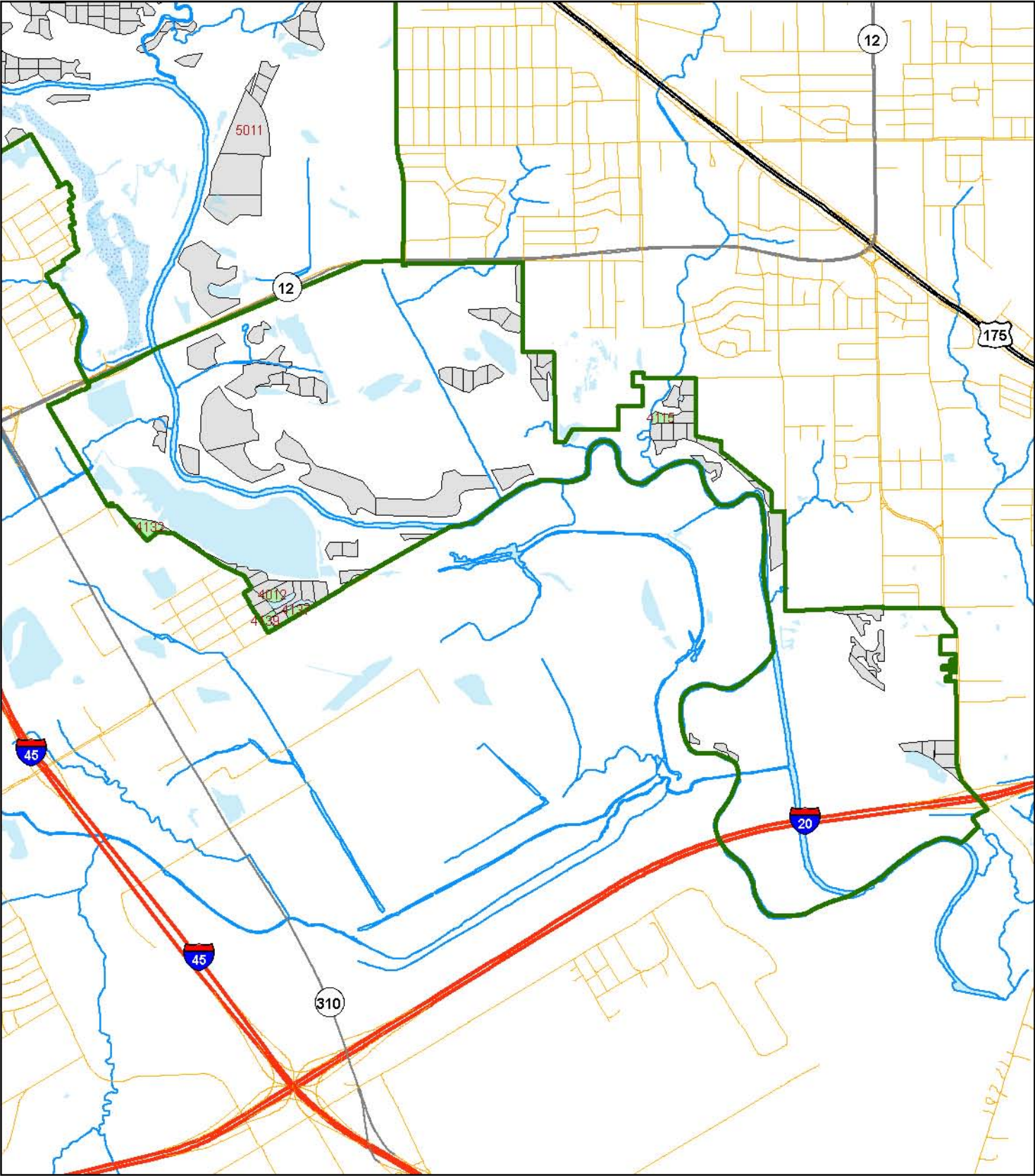


Stands
Others
Management Unit 2031



0 0.25 0.5
Miles

Management Unit 2031 - Sector 4



Stands
Others
Management Unit 2031



0 0.25 0.5 1
Miles

Management Unit 2032

DESCRIPTION

Management Unit 2032 is composed of the forest stands that in the year 2032 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2032

Prepare Stands with Herbicide – October 2032

Plant Trees – December 2032

Monitor – Fall 2033 & 2034

Plant Shrubs – December 2042

Monitor – Fall 2043 & 2044

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

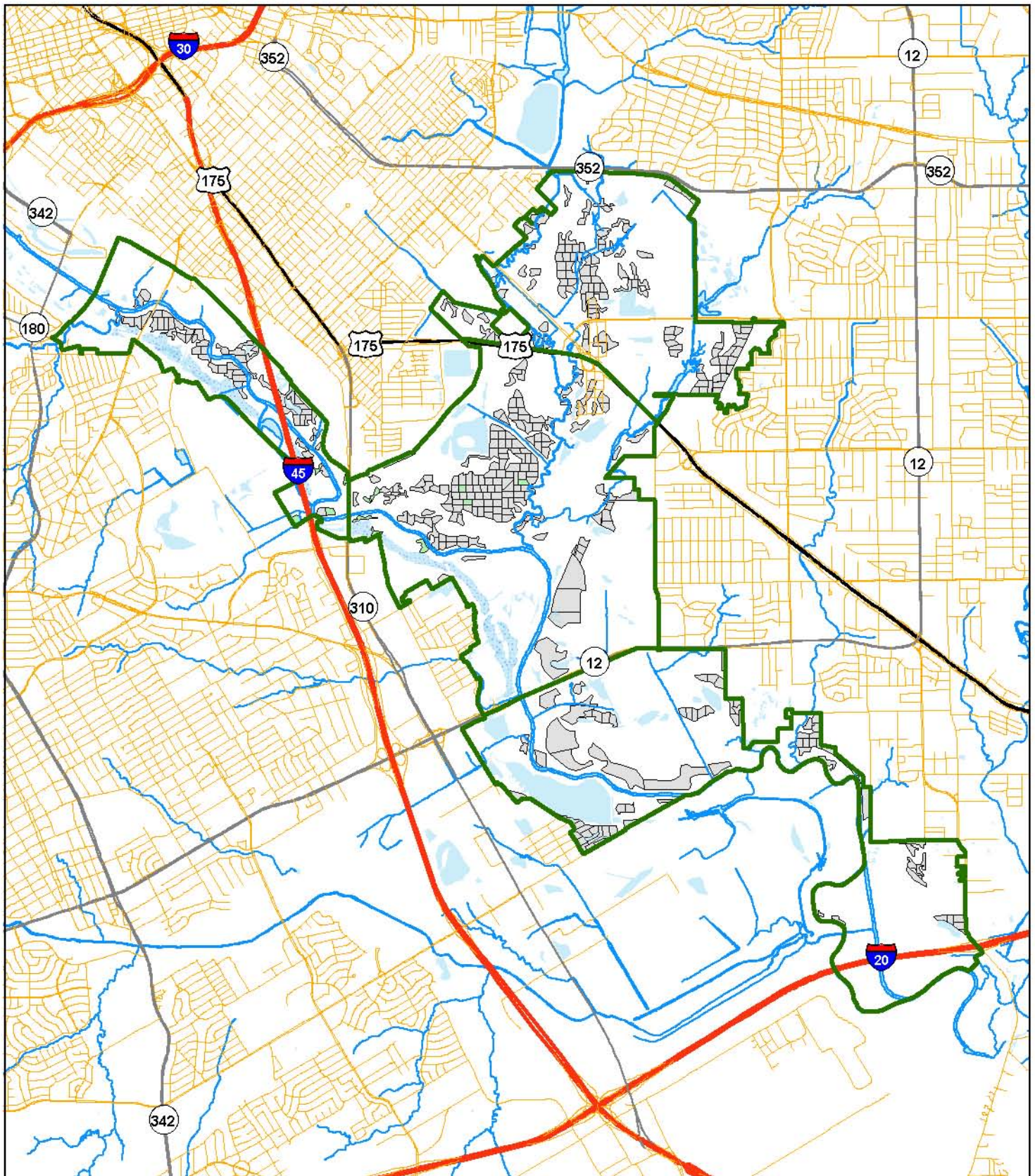
Management Unit 2032

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
1076	1	2	3.4	-96.7650	32.7276
1077	1	2	1.6	-96.7584	32.7321
1251	1	2	2.5	-96.7606	32.7285
1285	1	2	2.4	-96.7622	32.7331
3068	3	2	4.0	-96.7513	32.7342
3082	3	2	2.7	-96.7547	32.7303
3083	3	2	2.3	-96.7562	32.7277
3086	3	2	3.0	-96.7484	32.7245
3087	3	2	2.1	-96.7546	32.7260
3354	3	2	1.9	-96.7351	32.7314
3389	3	2	2.0	-96.7431	32.7308
3408	3	2	2.0	-96.7425	32.7293
Total Acres:			29.7		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2032 - Overall

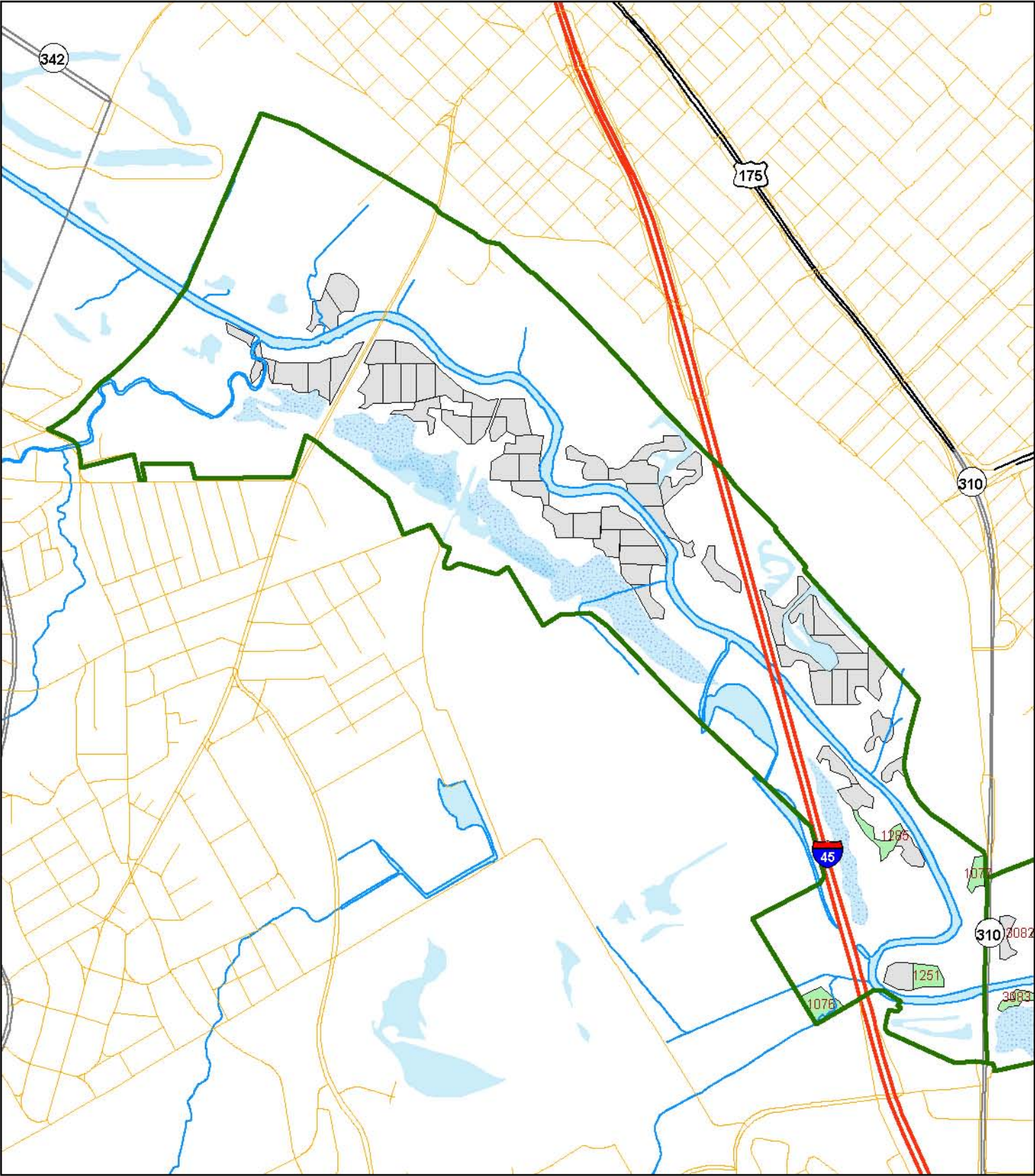


Stands

- Others
- Management Unit 2032



Management Unit 2032 - Sector 1



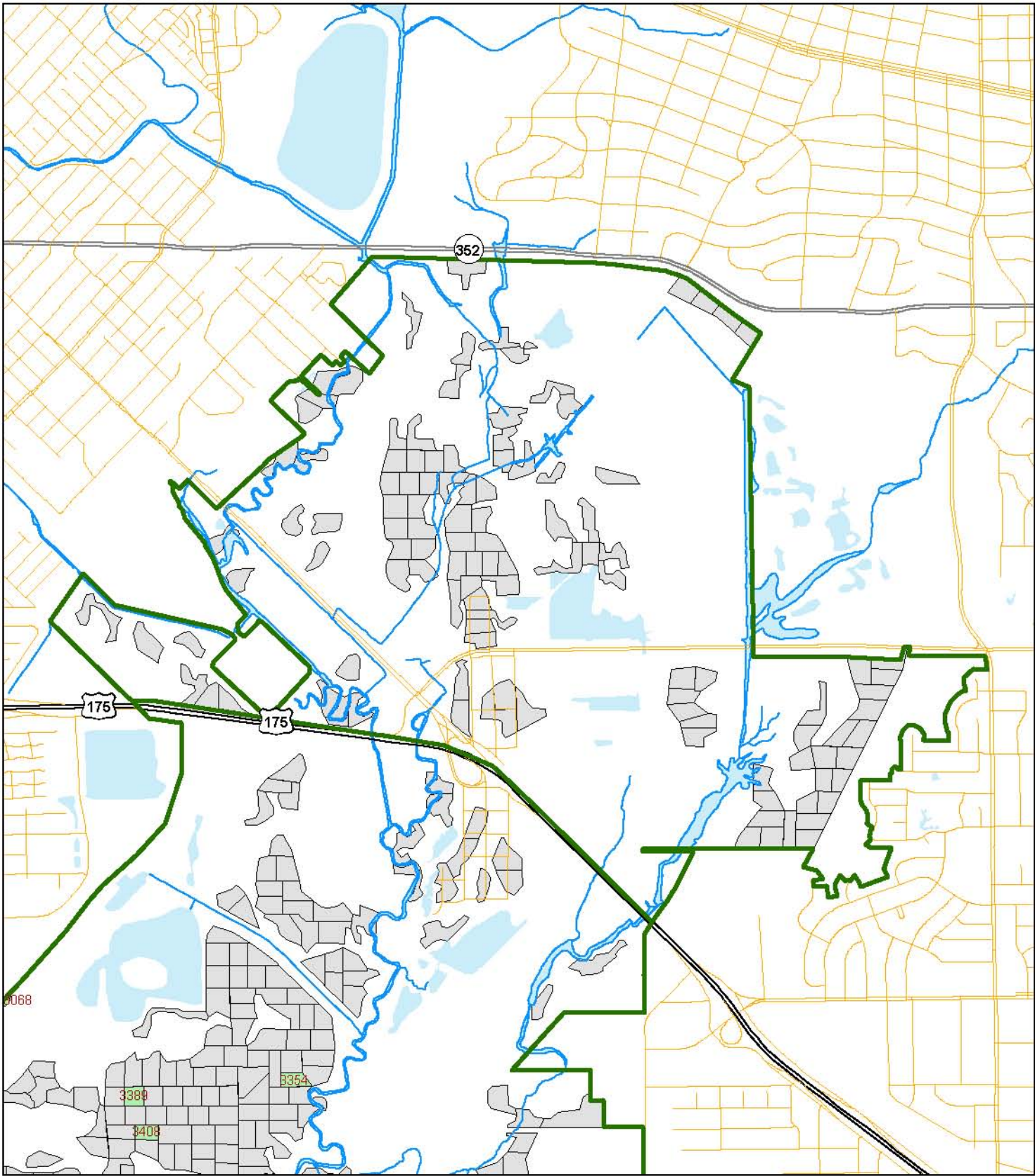
Stands

- Others
- Management Unit 2032



0 0.25 0.5
Miles

Management Unit 2032 - Sector 2



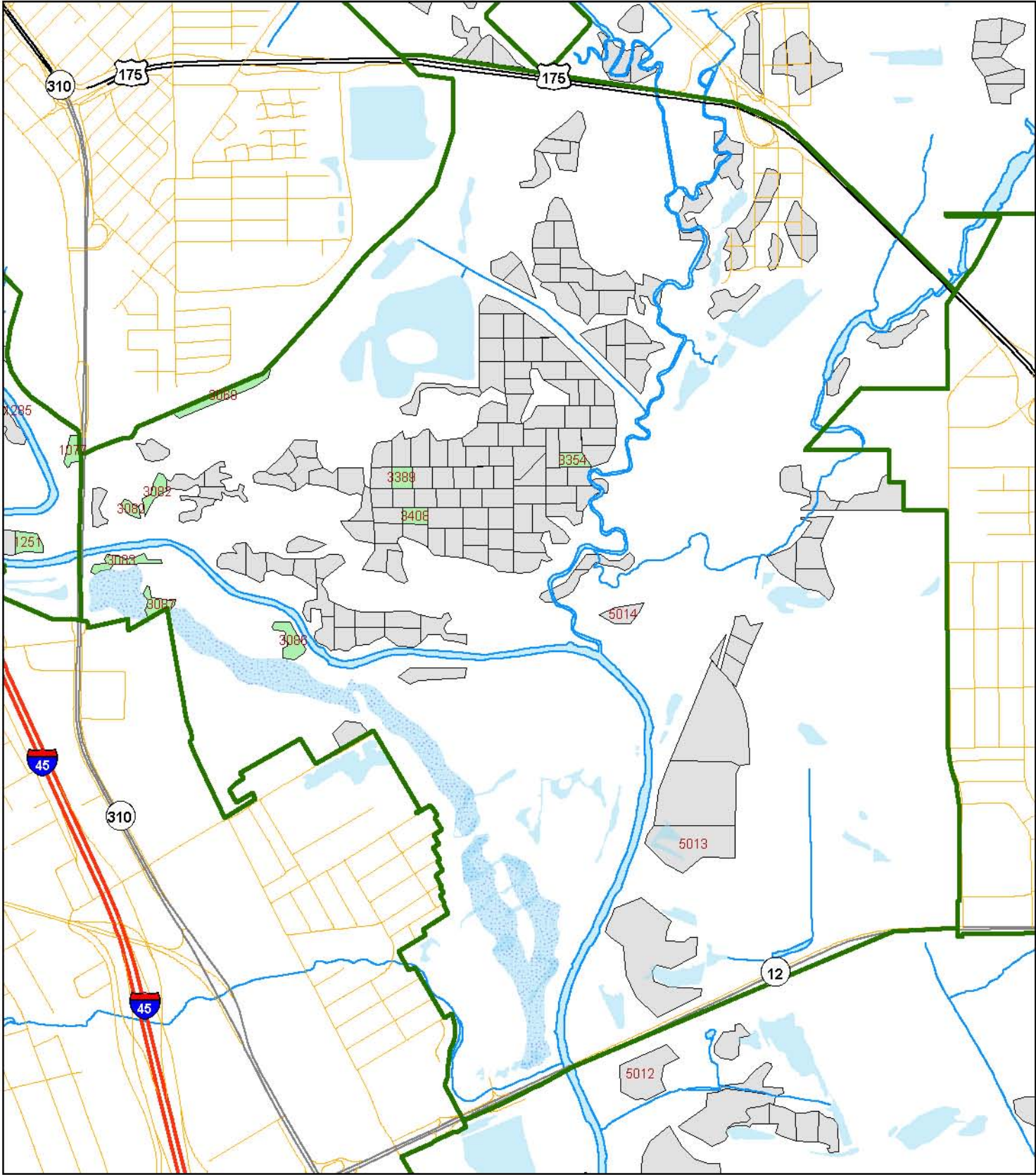
Stands

- Others
- Management Unit 2032



0 0.25 0.5
Miles

Management Unit 2032 - Sector 3

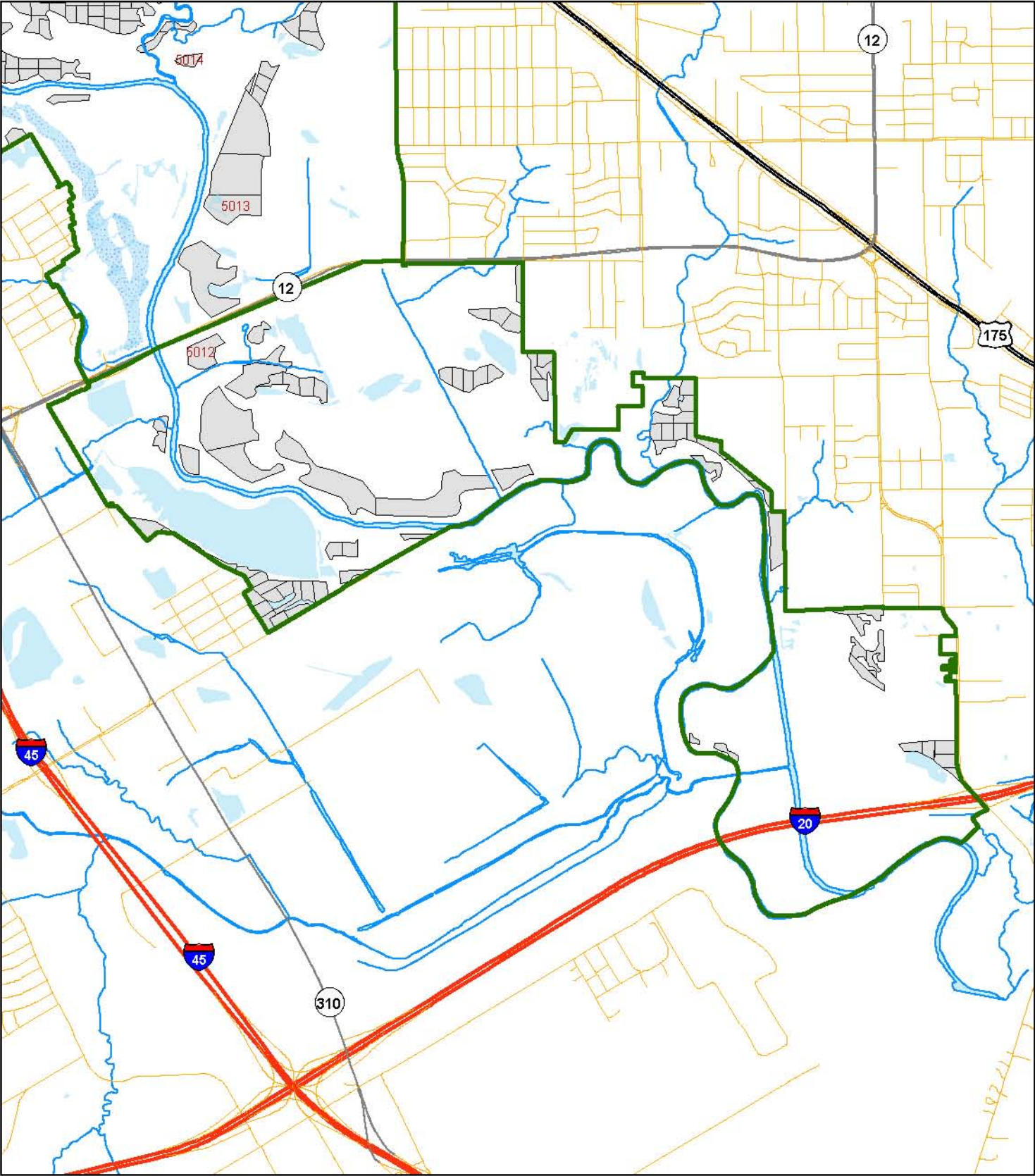


Stands
Others
Management Unit 2032



0 0.25 0.5
Miles

Management Unit 2032 - Sector 4



Stands
Others
Management Unit 2032



0 0.25 0.5 1
Miles

Management Unit 2033

DESCRIPTION

Management Unit 2033 is composed of the forest stands that in the year 2033 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This unit is approximately 10 acres small than previous units since it will be managed in conjunction with a mitigation unit.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2033

Prepare Stands with Herbicide – October 2033

Plant Trees – December 2033

Monitor – Fall 2034 & 2035

Plant Shrubs – December 2043

Monitor – Fall 2044 & 2045

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

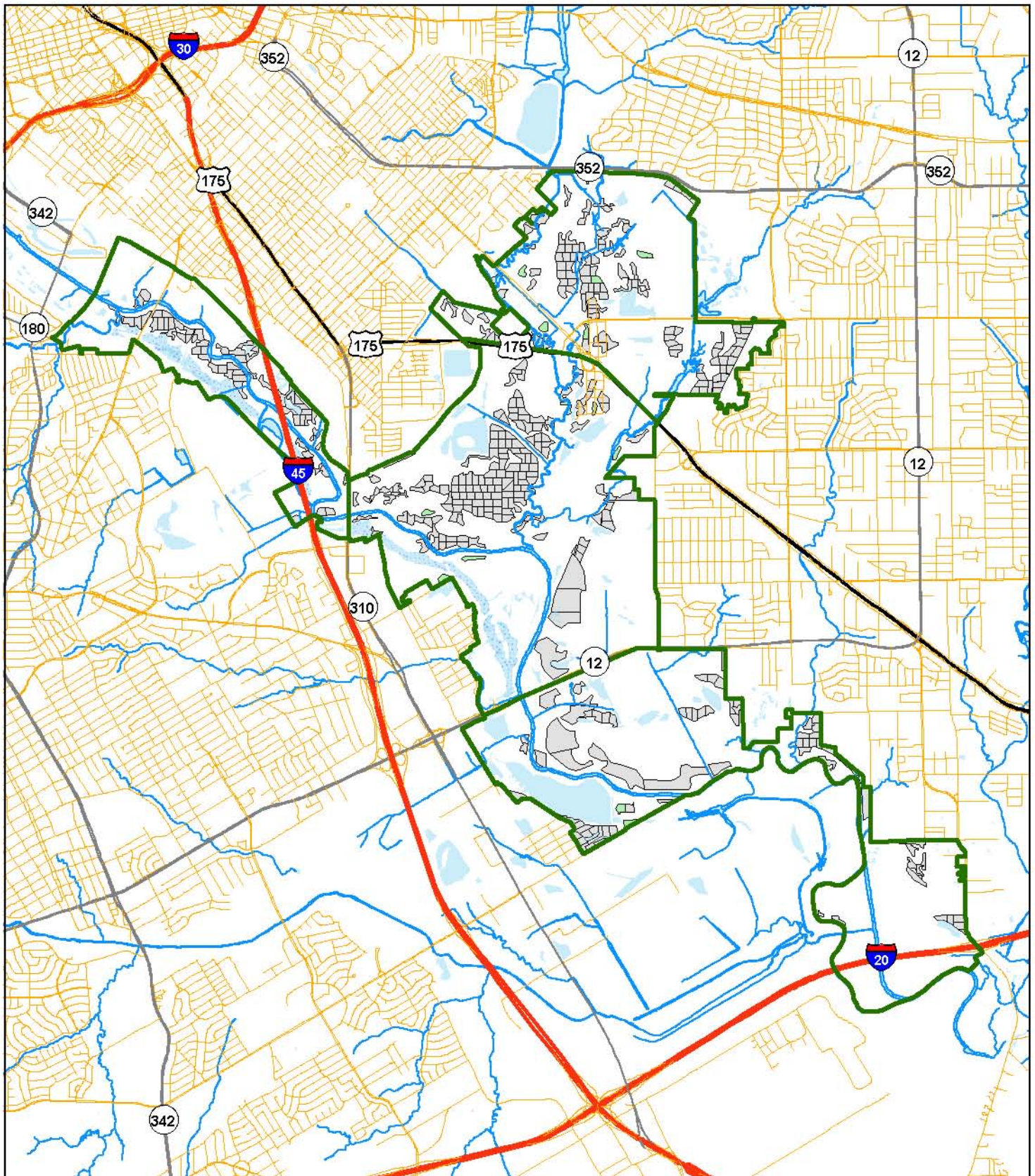
Management Unit 2033

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2037	2	2	2.6	-96.7187	32.7565
2044	2	2	2.2	-96.7347	32.7548
2090	2	2	2.4	-96.7320	32.7487
2215	2	2	2.6	-96.7250	32.7538
2240	2	2	2.5	-96.7265	32.7480
3023	3	2	2.8	-96.7457	32.7208
3024	3	2	3.5	-96.7419	32.7231
3027	3	2	2.0	-96.7228	32.7345
3058	3	2	1.7	-96.7256	32.7395
3085	3	2	2.0	-96.7478	32.7282
3249	3	2	2.1	-96.7289	32.7391
3249	3	2	2.1	-96.7294	32.7401
4010	4	2	2.6	-96.7217	32.6934
4146	4	2	2.5	-96.7230	32.6949
Total Acres:			33.6		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2033 - Overall

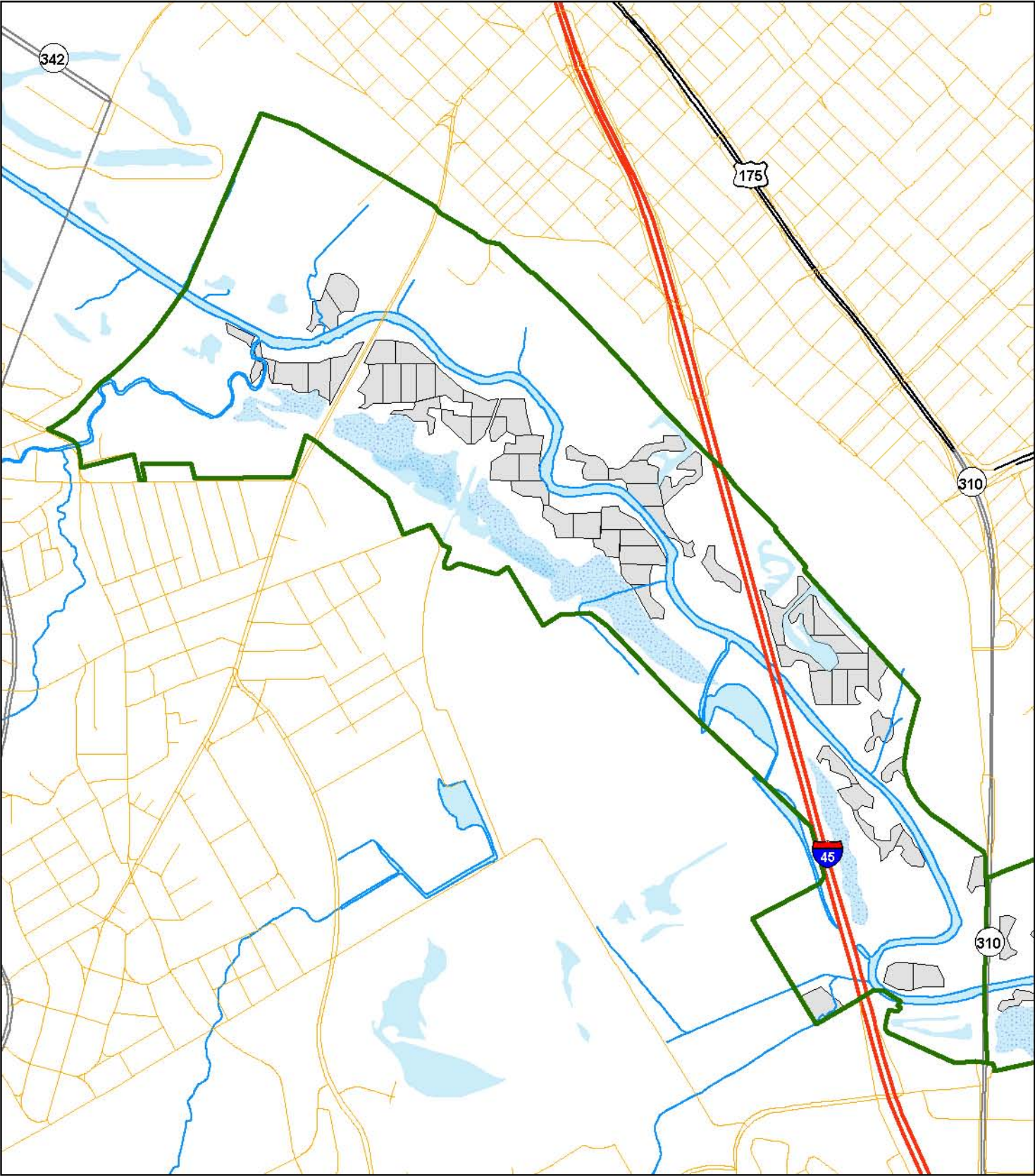


Stands

- Others
- Management Unit 2033



Management Unit 2033 - Sector 1

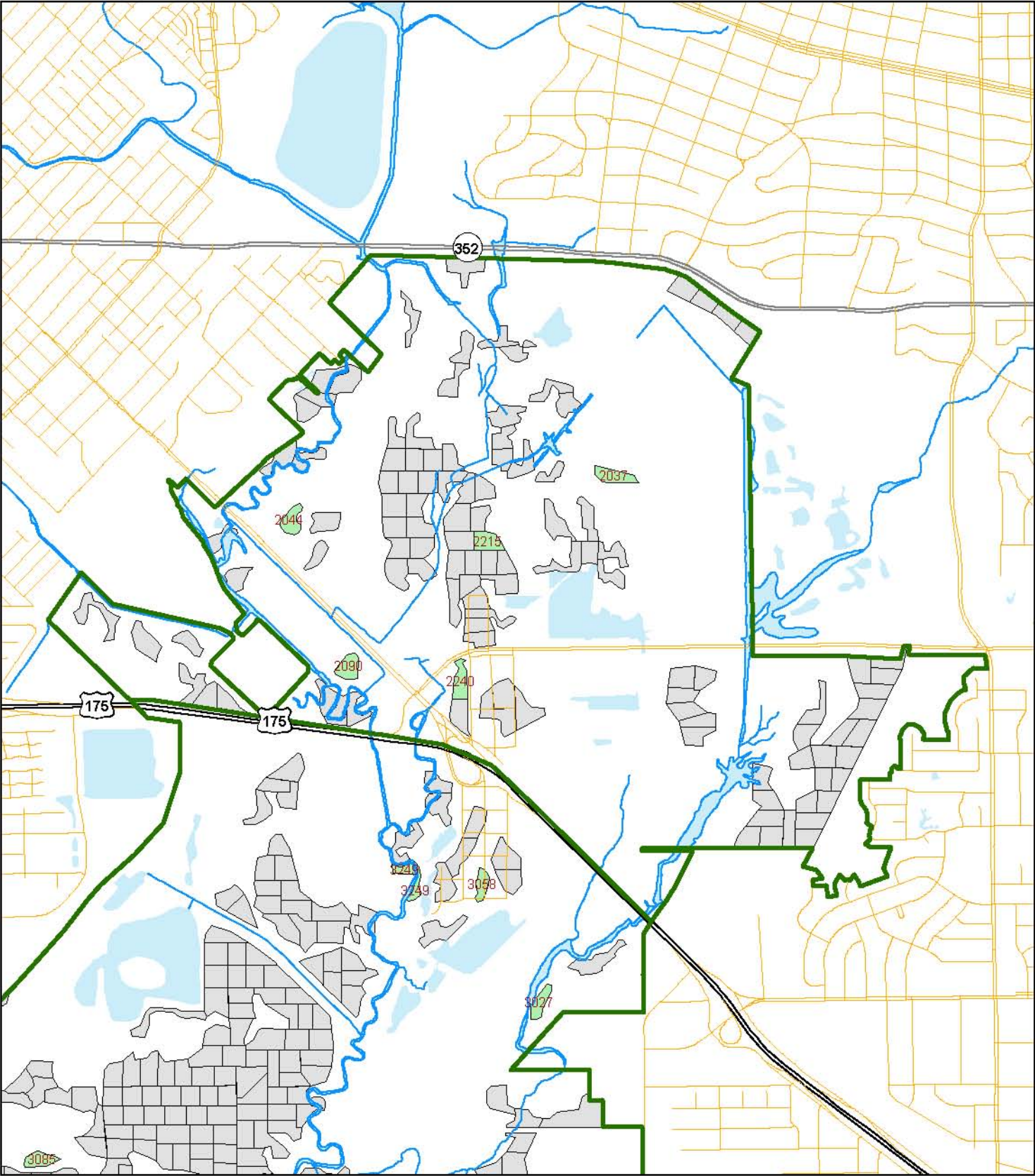


Stands
Others
Management Unit 2033



0 0.25 0.5
Miles

Management Unit 2033 - Sector 2

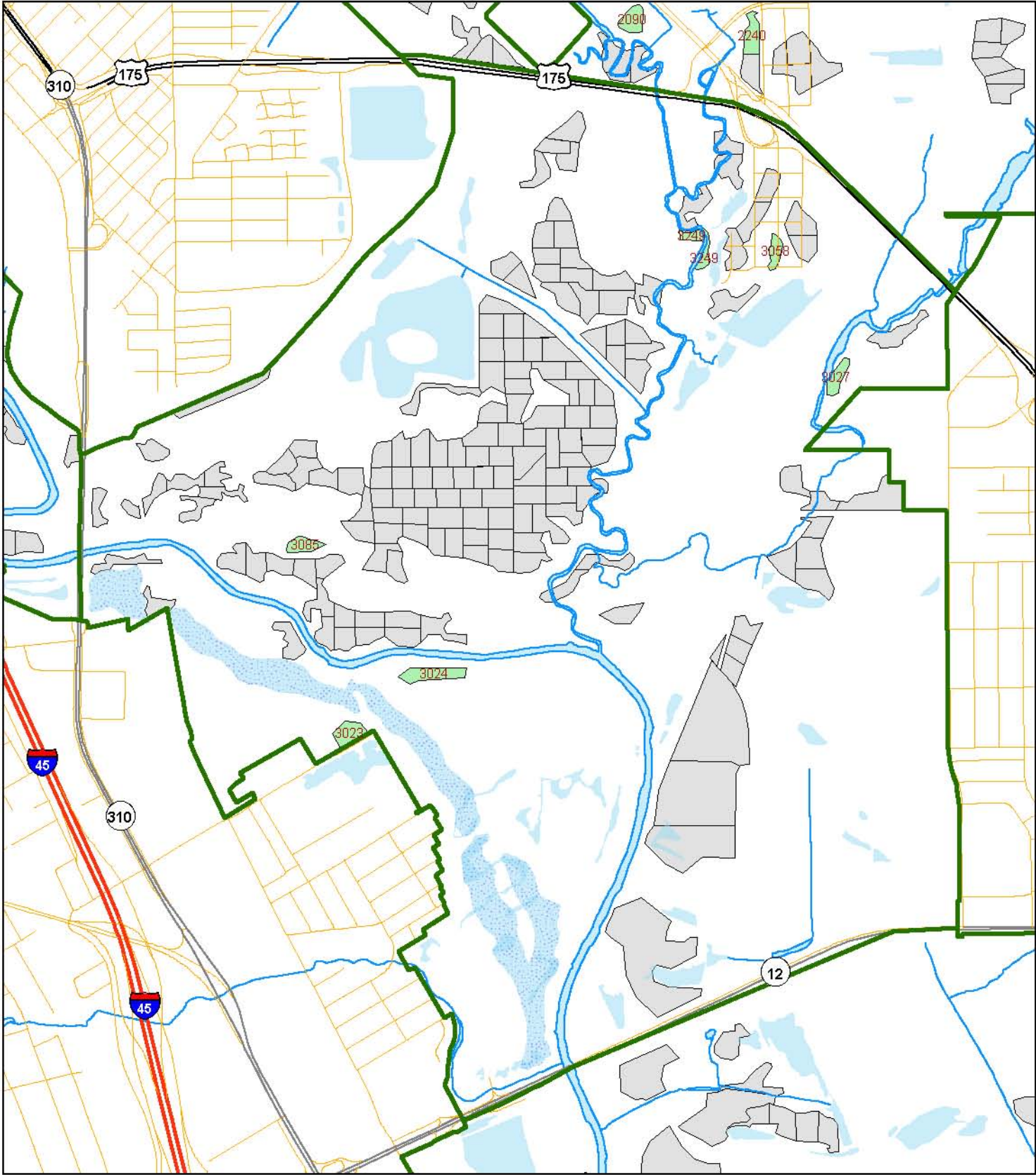


Stands
Others
Management Unit 2033



0 0.25 0.5
Miles

Management Unit 2033 - Sector 3

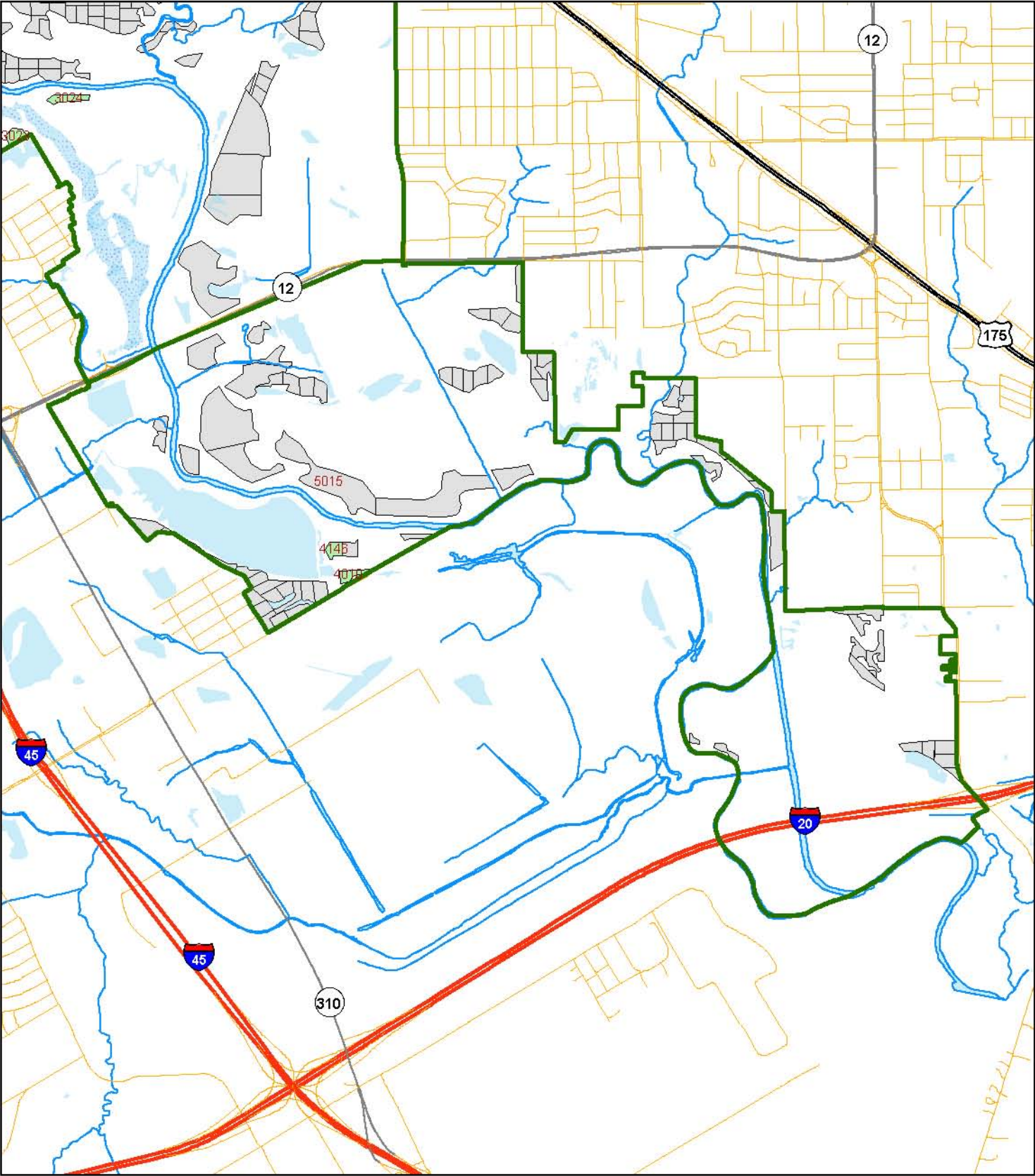


Stands
Others
Management Unit 2033



0 0.25 0.5
Miles

Management Unit 2033 - Sector 4



Stands
Others
Management Unit 2033



0 0.25 0.5 1
Miles

Management Unit 2034

DESCRIPTION

Management Unit 2034 is composed of the forest stands that in the year 2034 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. Mitigation planting has ceased by the time this unit is to be managed so it is approximately 40 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2034

Prepare Stands with Herbicide – October 2034

Plant Trees – December 2034

Monitor – Fall 2035 & 2036

Plant Shrubs – December 2044

Monitor – Fall 2045 & 2046

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

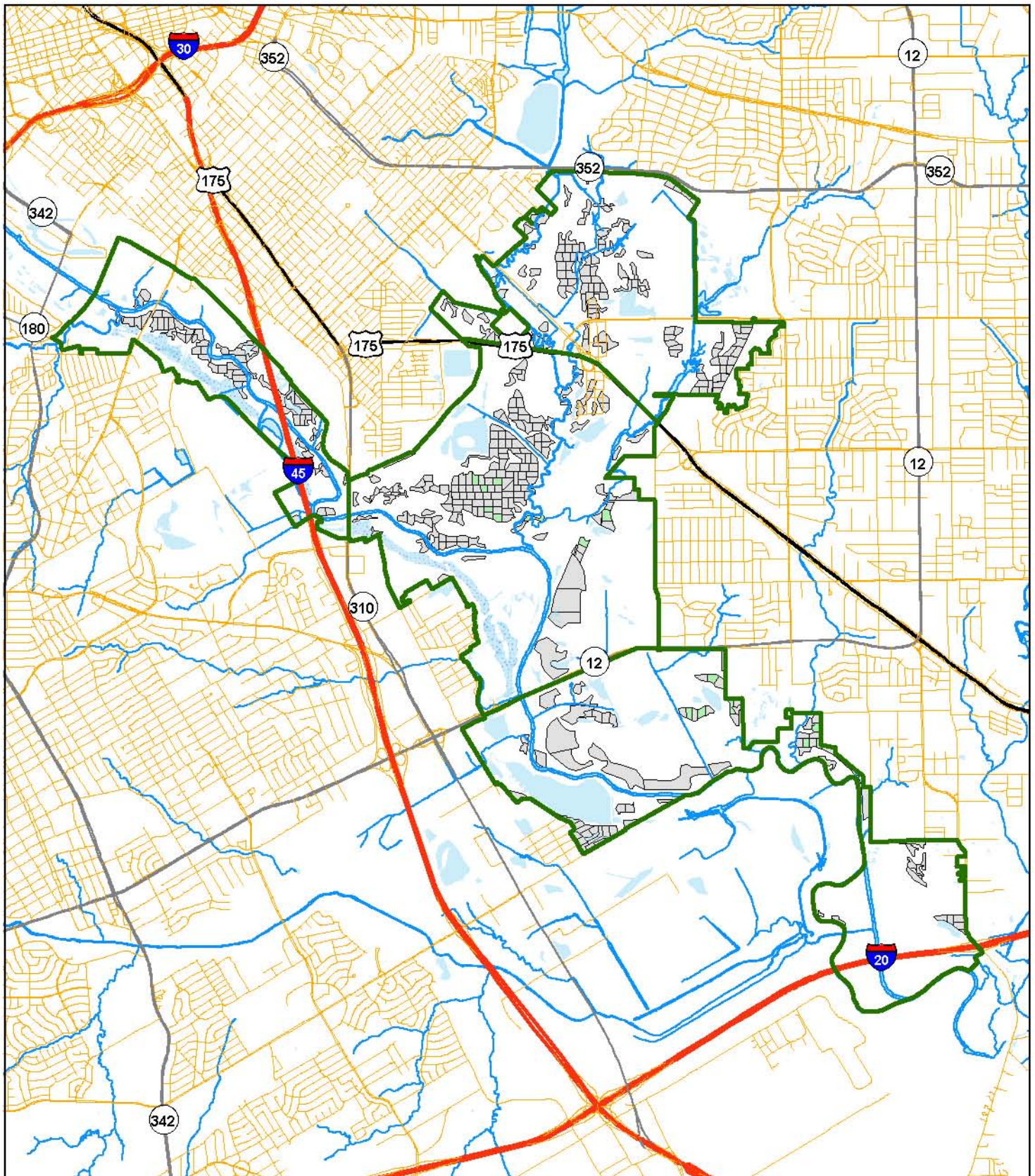
Management Unit 2034

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
3025	3	2	2.4	-96.7272	32.7246
3067	3	2	2.7	-96.7337	32.7274
3149	3	2	3.9	-96.7242	32.7276
3370	3	2	2.3	-96.7385	32.7316
3374	3	2	2.4	-96.7414	32.7318
3392	3	2	2.0	-96.7402	32.7308
3400	3	2	2.4	-96.7385	32.7275
3403	3	2	2.0	-96.7397	32.7284
4016	4	2	2.7	-96.7137	32.7054
4109	4	2	2.0	-96.6932	32.6994
4113	4	2	3.0	-96.6969	32.7036
4118	4	2	2.2	-96.6985	32.7019
4119	4	2	2.0	-96.6967	32.7018
4121	4	2	2.3	-96.7082	32.7061
4123	4	2	2.9	-96.7121	32.7055
4127	4	2	3.0	-96.7106	32.7092
Total Acres:			40.2		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2034 - Overall

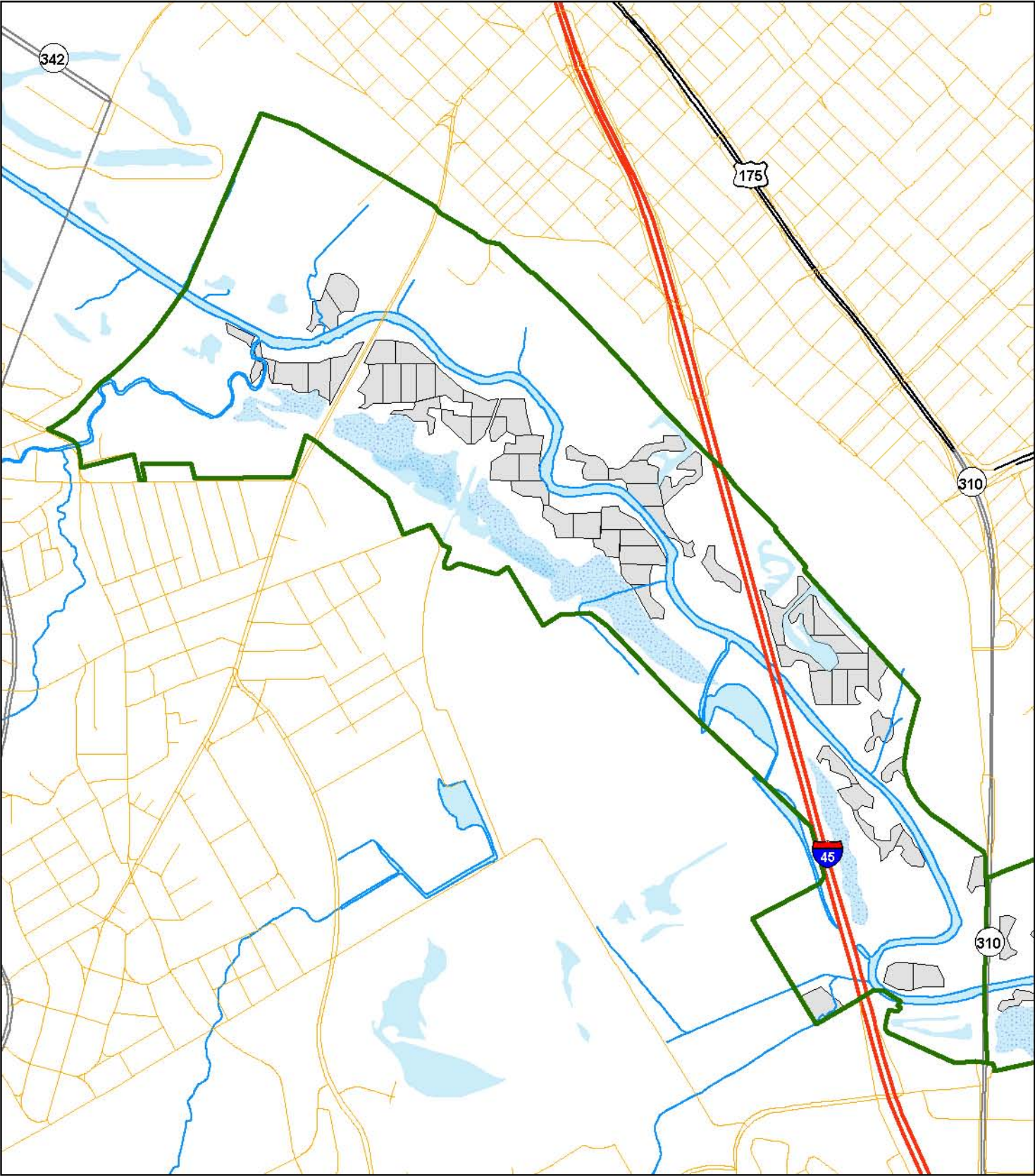


Stands

- Others
- Management Unit 2034



Management Unit 2034 - Sector 1

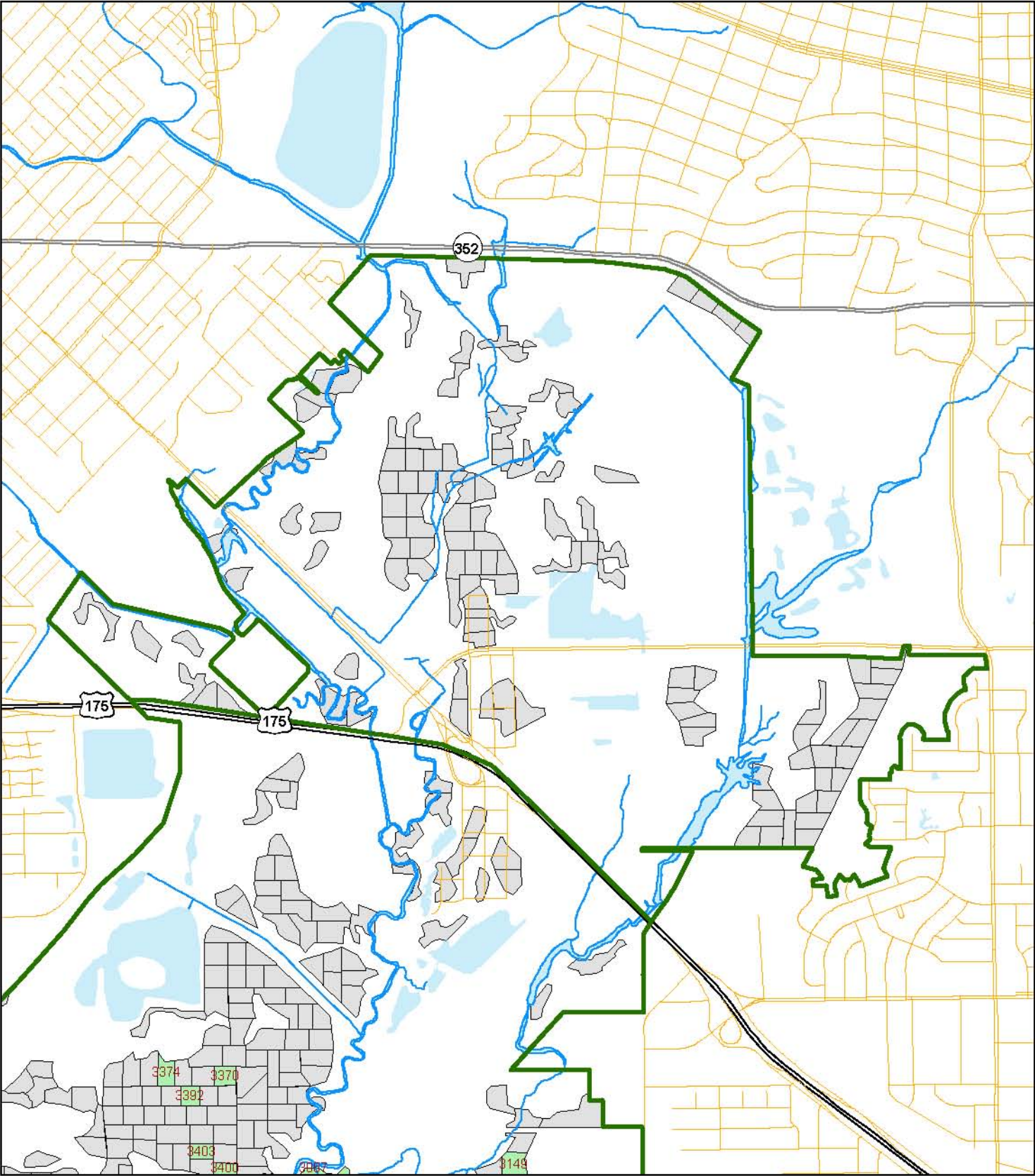


Stands
Others
Management Unit 2034



0 0.25 0.5
Miles

Management Unit 2034 - Sector 2

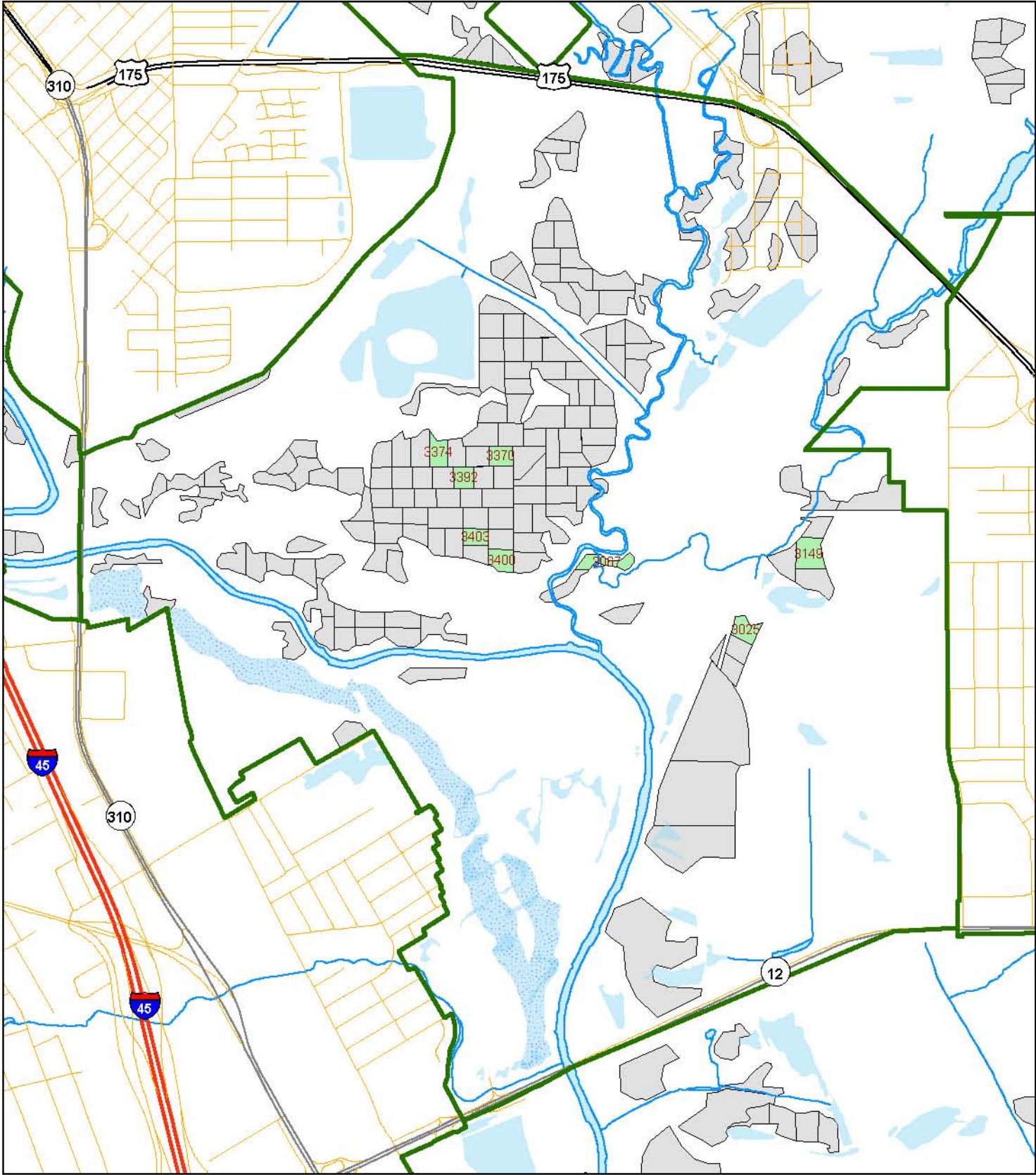


Stands
Others
Management Unit 2034



0 0.25 0.5
Miles

Management Unit 2034 - Sector 3

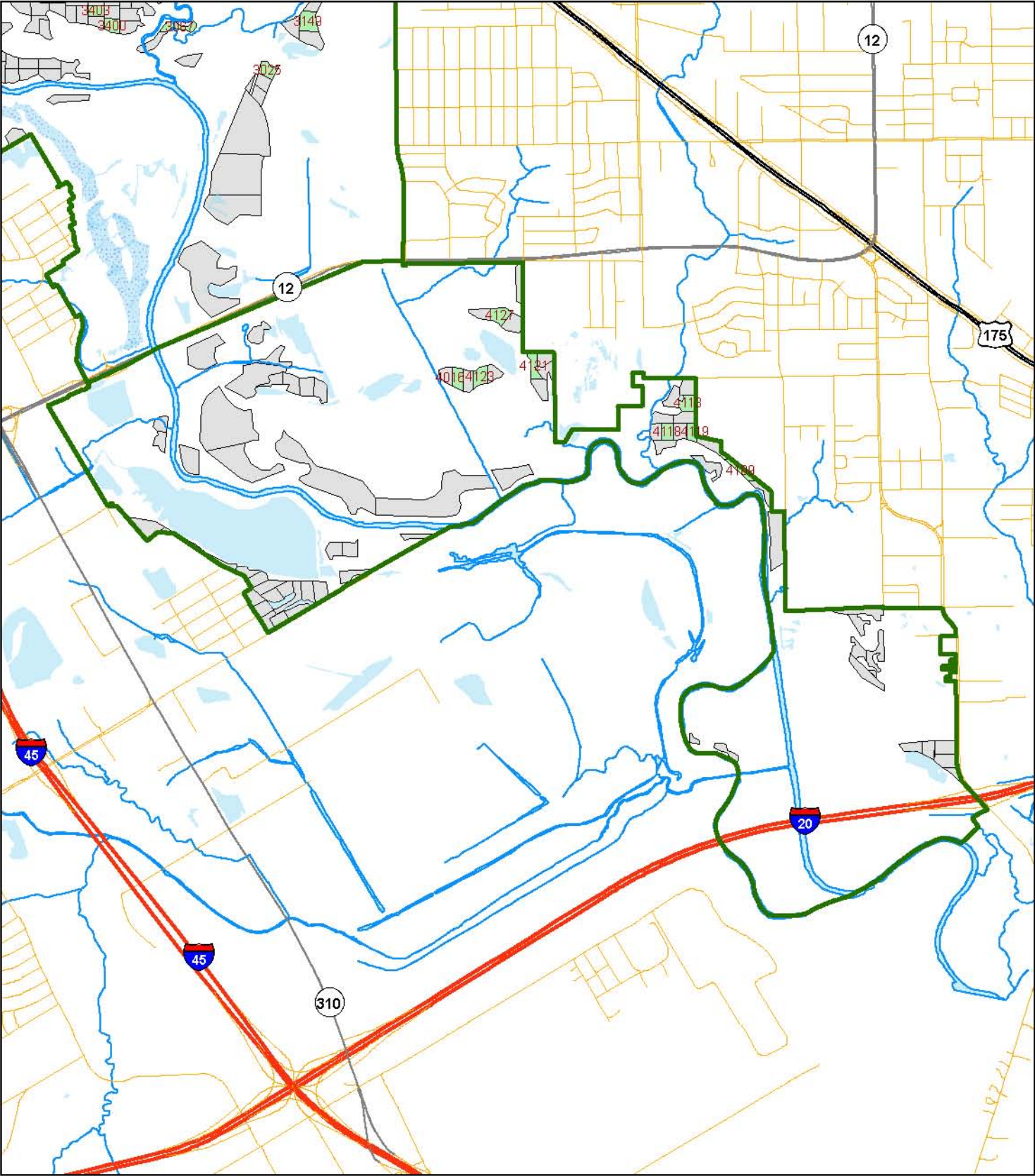


Stands
Others
Management Unit 2034



0 0.25 0.5
Miles

Management Unit 2034 - Sector 4



Stands
Others
Management Unit 2034



0 0.25 0.5 1
Miles

Management Unit 2035

DESCRIPTION

Management Unit 2035 is composed of the forest stands that in the year 2035 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2035

Prepare Stands with Herbicide – October 2035

Plant Trees – December 2035

Monitor – Fall 2036 & 2037

Plant Shrubs – December 2045

Monitor – Fall 2046 & 2047

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

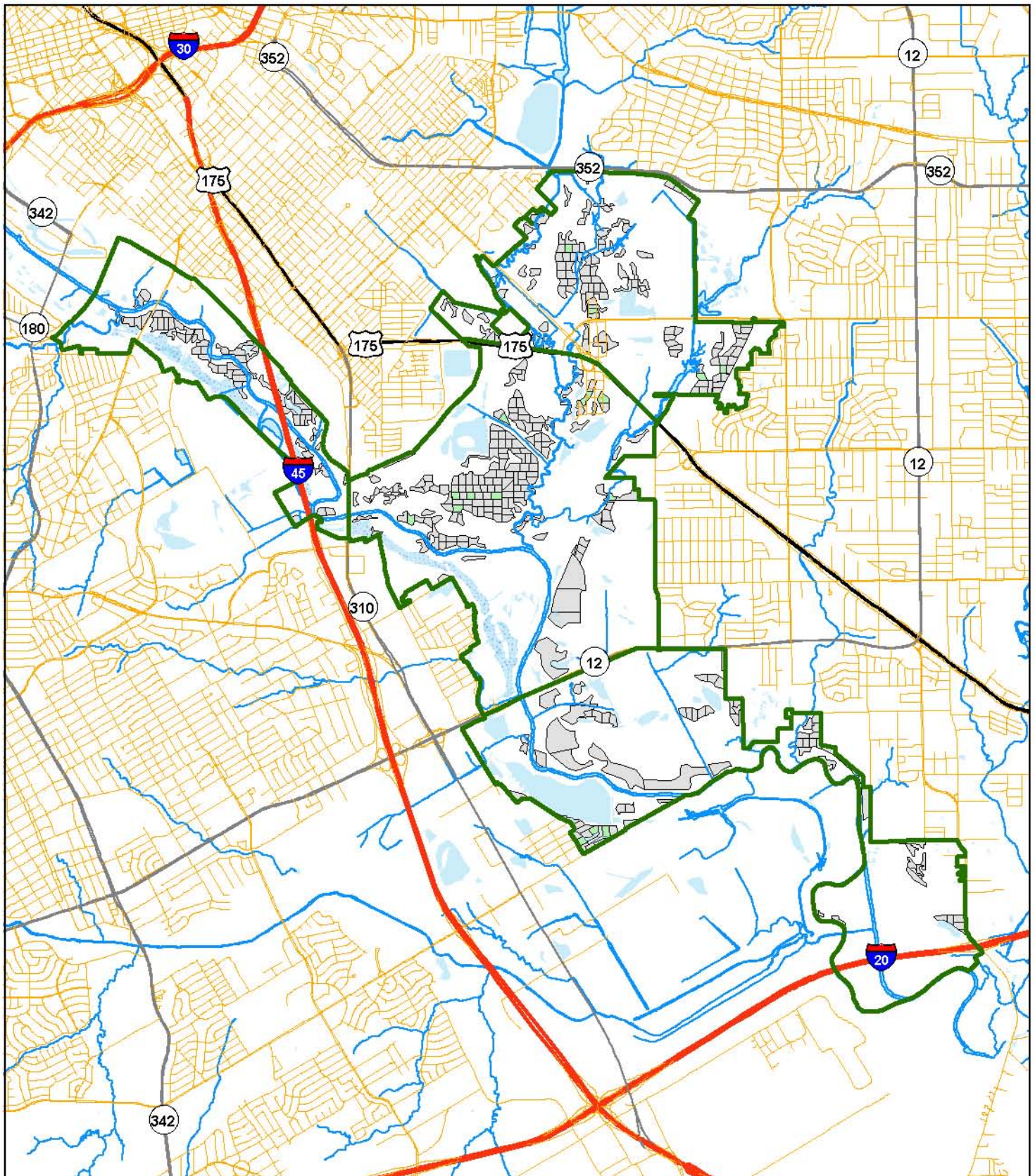
Management Unit 2035

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2155	2	2	2.5	-96.7113	32.7428
2172	2	2	2.0	-96.7085	32.7436
2204	2	2	2.1	-96.7255	32.7503
2230	2	2	2.2	-96.7286	32.7573
3057	3	2	3.4	-96.7244	32.7406
3059	3	2	2.9	-96.7266	32.7407
3154	3	2	2.3	-96.7236	32.7296
3286	3	2	2.4	-96.7375	32.7385
3302	3	2	2.6	-96.7500	32.7275
3394	3	2	2.9	-96.7387	32.7300
3395	3	2	2.0	-96.7441	32.7300
3397	3	2	2.0	-96.7420	32.7300
3409	3	2	2.6	-96.7438	32.7286
4136	4	2	2.8	-96.7250	32.6924
4143	4	2	2.6	-96.7283	32.6914
4145	4	2	2.3	-96.7265	32.6926
Total Acres:			39.5		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2035 - Overall

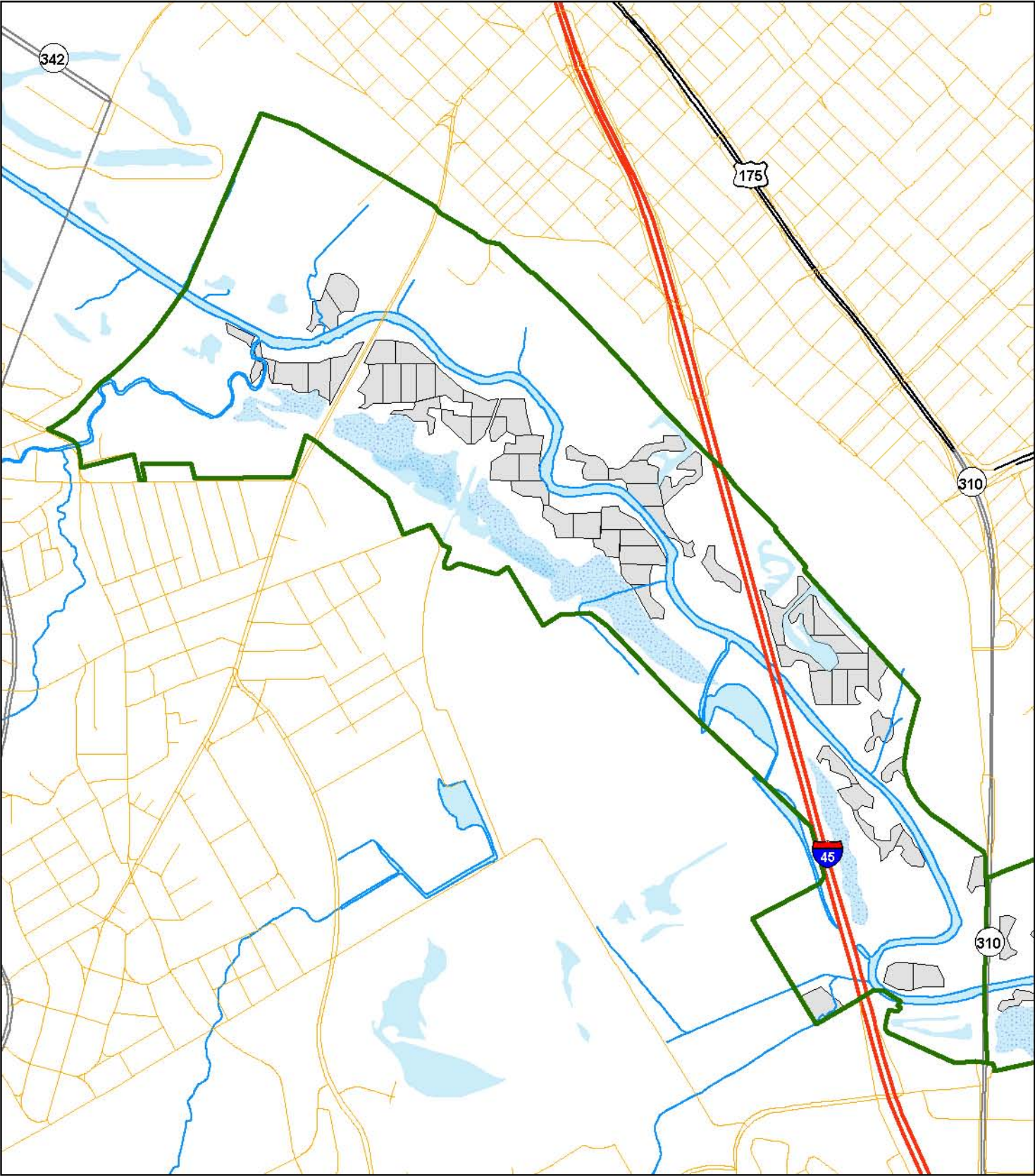


Stands

- Others
- Management Unit 2035



Management Unit 2035 - Sector 1

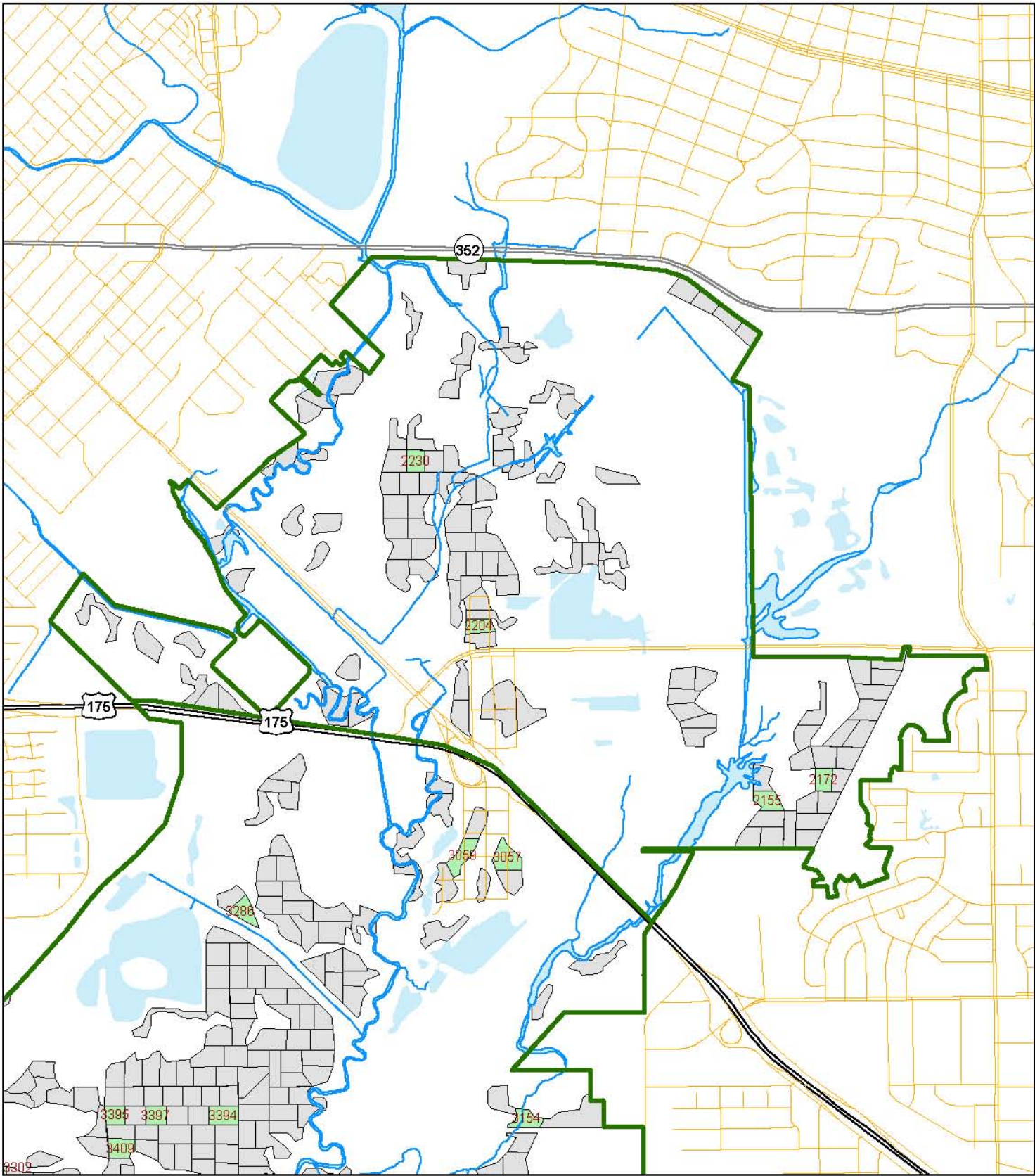


Stands
Others
Management Unit 2035



0 0.25 0.5
Miles

Management Unit 2035 - Sector 2

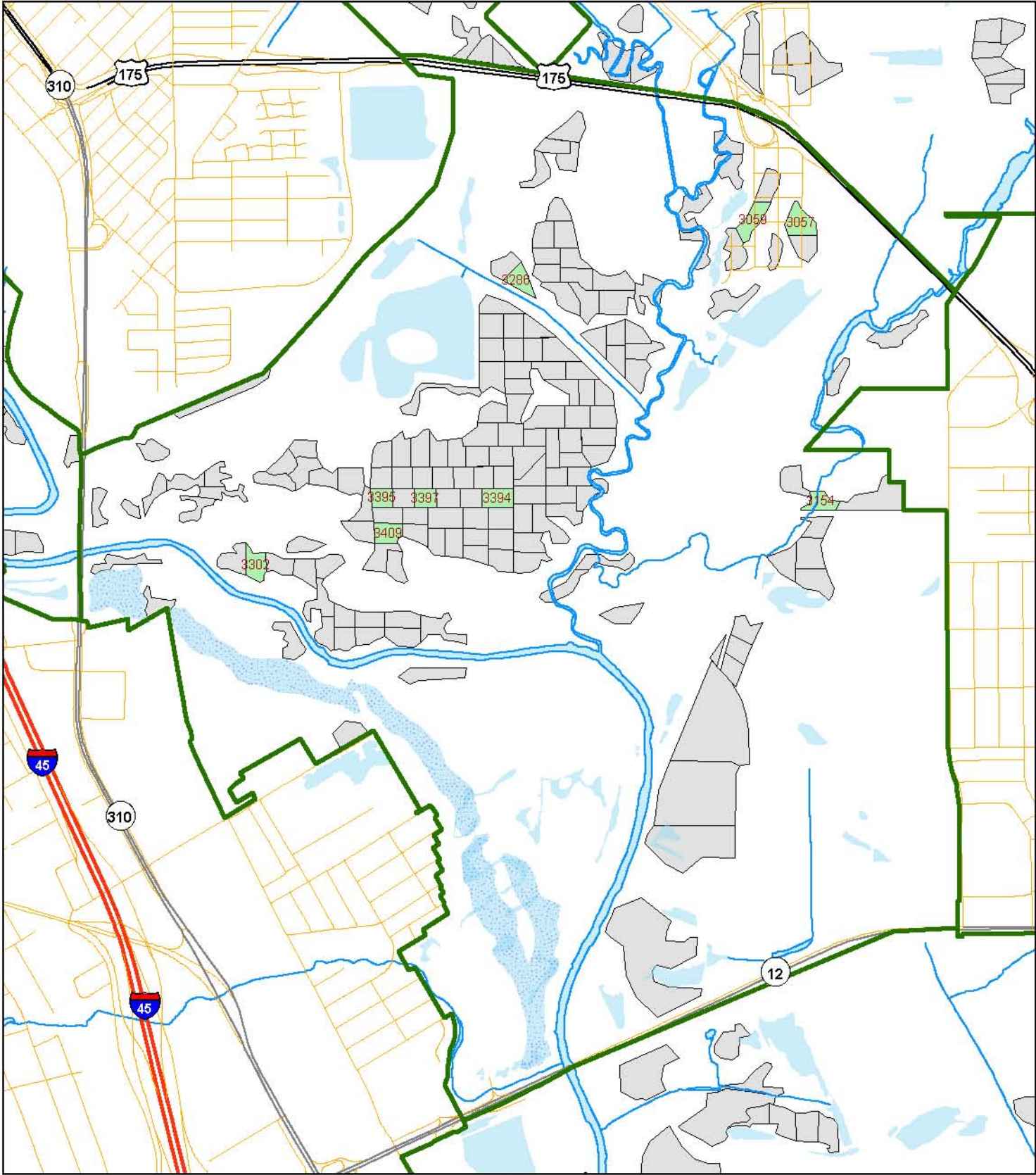


Stands
Others
Management Unit 2035



0 0.25 0.5
Miles

Management Unit 2035 - Sector 3

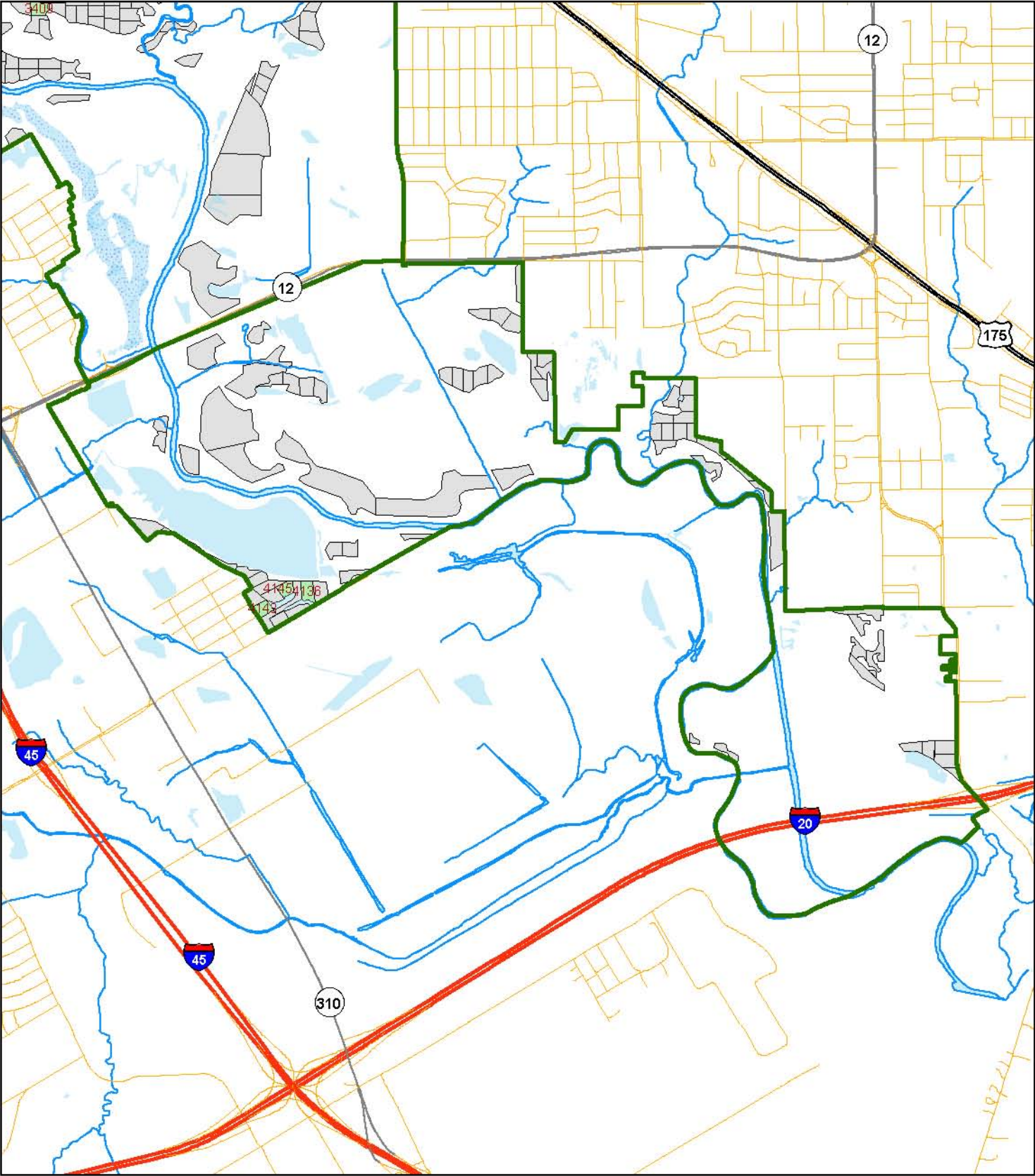


Stands
Others
Management Unit 2035



0 0.25 0.5
Miles

Management Unit 2035 - Sector 4



Stands
Others
Management Unit 2035



0 0.25 0.5 1
Miles

Management Unit 2036

DESCRIPTION

Management Unit 2036 is composed of the forest stands that in the year 2036 are to undergo overstory removal by herbicide injection and be planted in accordance to the recommended planting procedures. This is the last of the management units to receive active management.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stands – January 2036

Prepare Stands with Herbicide – October 2036

Plant Trees – December 2036

Monitor – Fall 2037 & 2038

Plant Shrubs – December 2046

Monitor – Fall 2047 & 2048

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

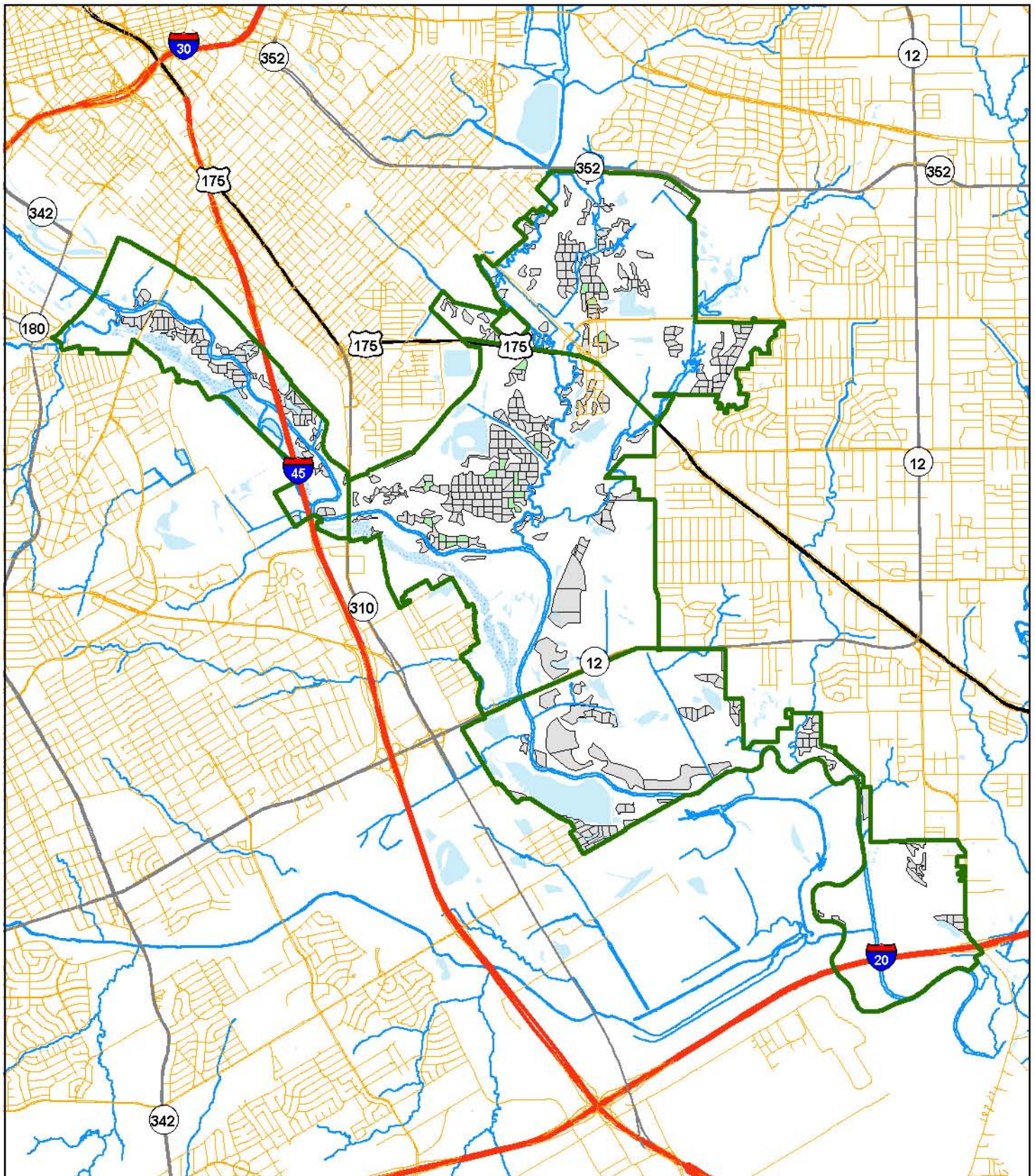
Management Unit 2036

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
2050	2	2	3.2	-96.7243	32.7474
2203	2	2	2.3	-96.7256	32.7514
2208	2	2	2.0	-96.7242	32.7529
2209	2	2	2.6	-96.7266	32.7529
3238	3	2	3.0	-96.7350	32.7444
3305	3	2	2.4	-96.7476	32.7272
3310	3	2	2.0	-96.7448	32.7246
3311	3	2	2.7	-96.7432	32.7252
3312	3	2	2.0	-96.7459	32.7254
3325	3	2	2.1	-96.7330	32.7354
3345	3	2	2.5	-96.7377	32.7335
3359	3	2	3.3	-96.7393	32.7324
3360	3	2	2.3	-96.7361	32.7319
3364	3	2	2.5	-96.7357	32.7300
3365	3	2	3.5	-96.7364	32.7289
3380	3	2	2.7	-96.7477	32.7312
Total Acres:			41.2		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Management Unit 2036 - Overall

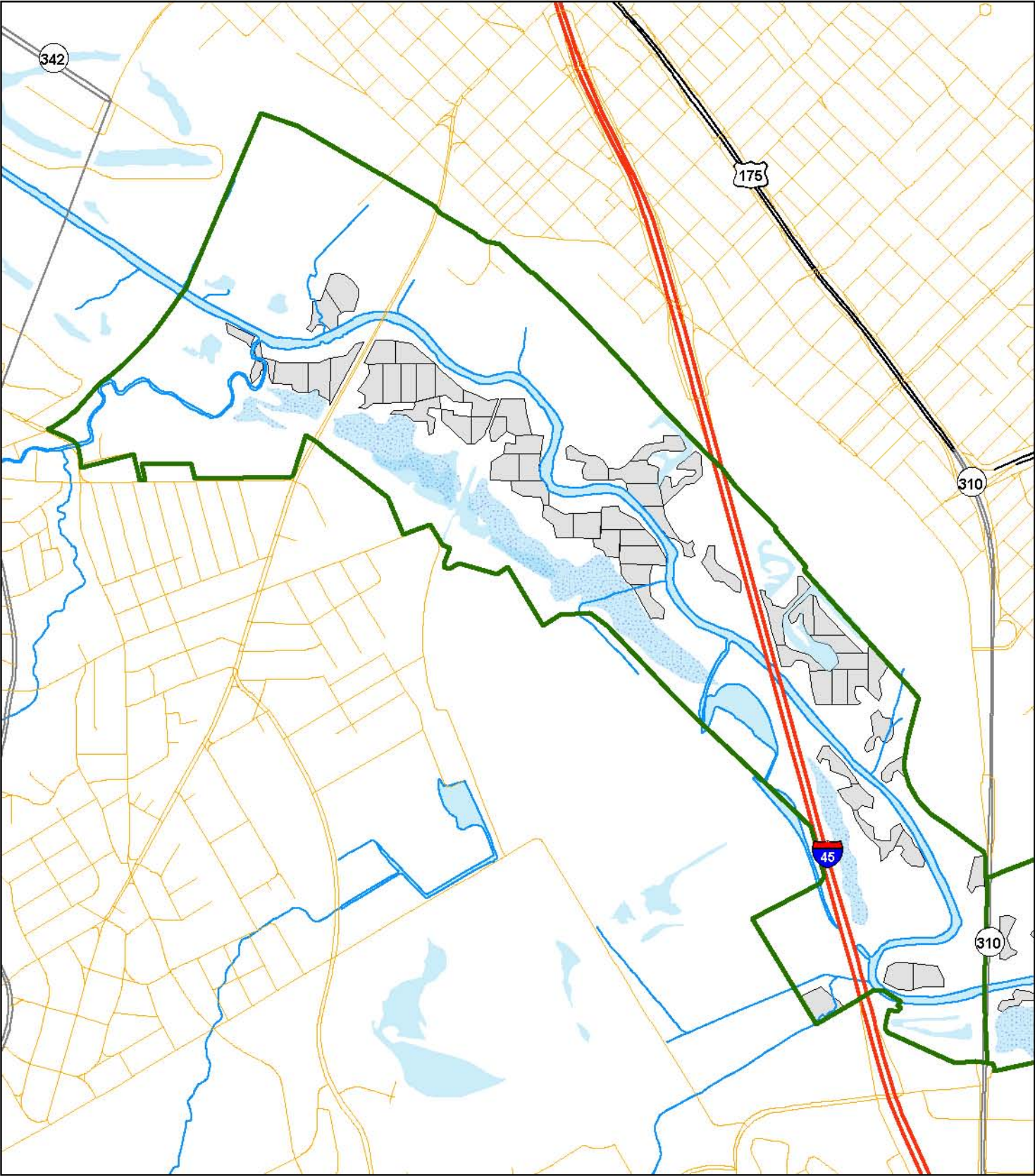


Stands

- Others
- Management Unit 2036



Management Unit 2036 - Sector 1

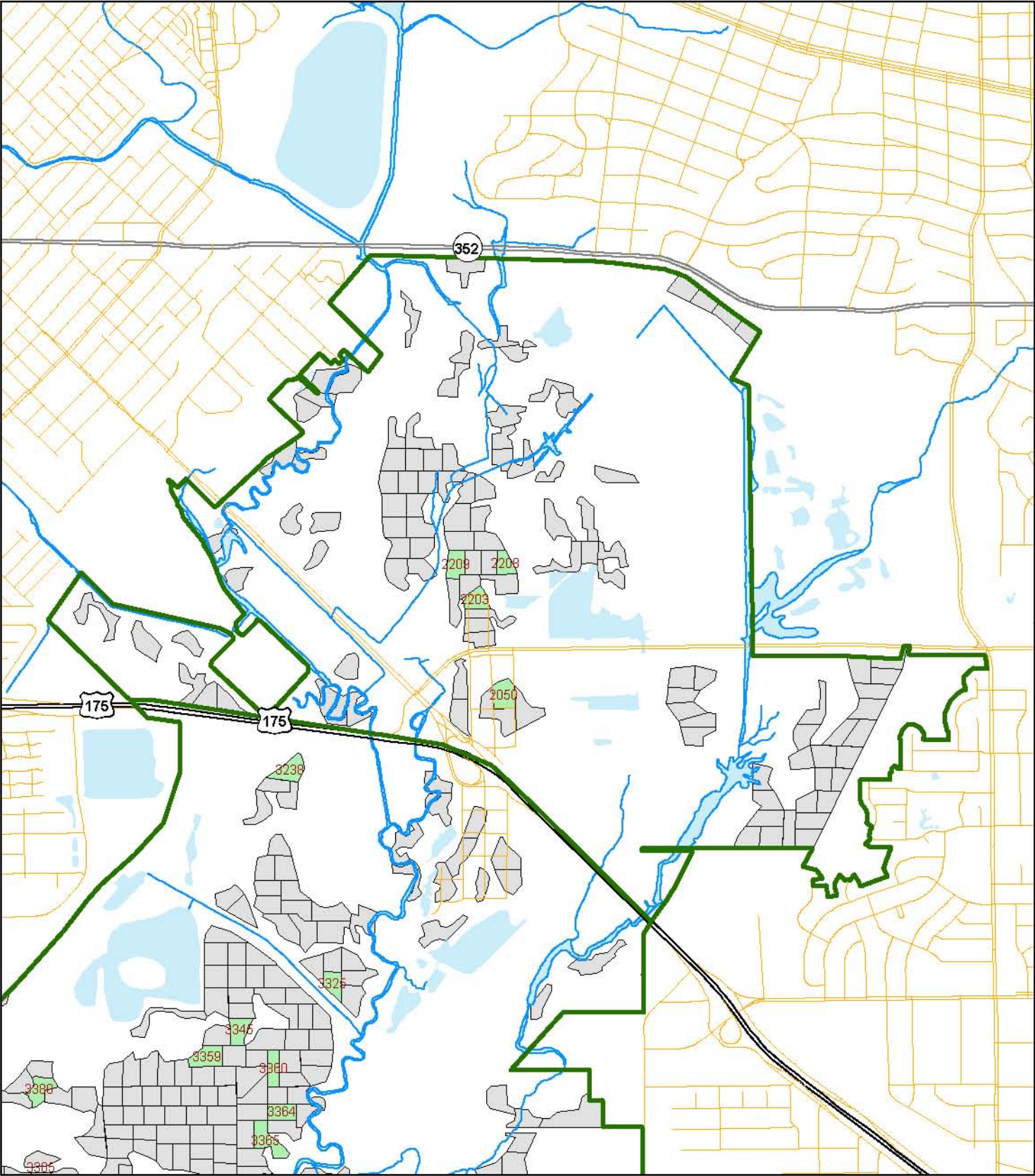


Stands
Others
Management Unit 2036



0 0.25 0.5
Miles

Management Unit 2036 - Sector 2

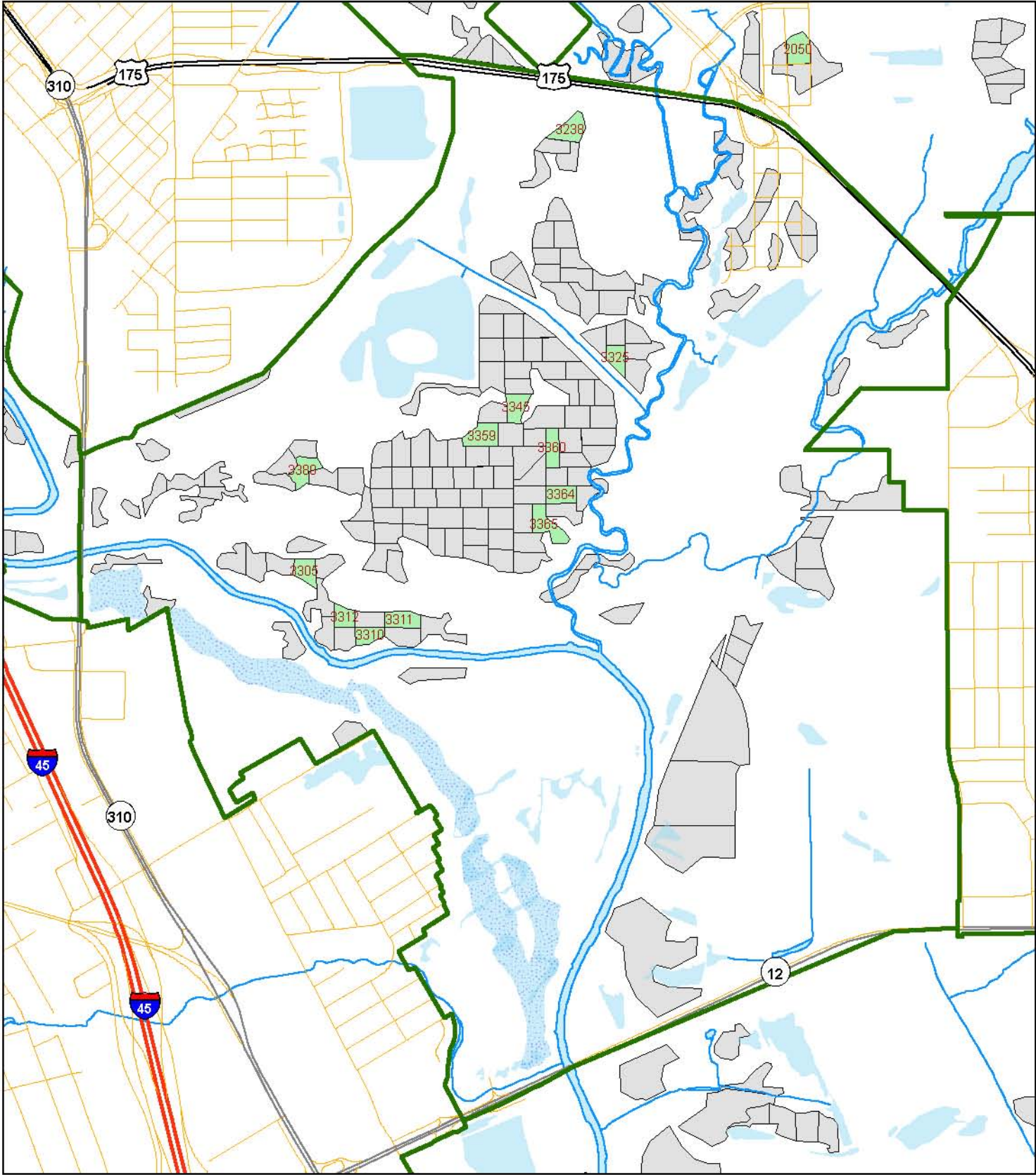


Stands
Others
Management Unit 2036



0 0.25 0.5
Miles

Management Unit 2036 - Sector 3

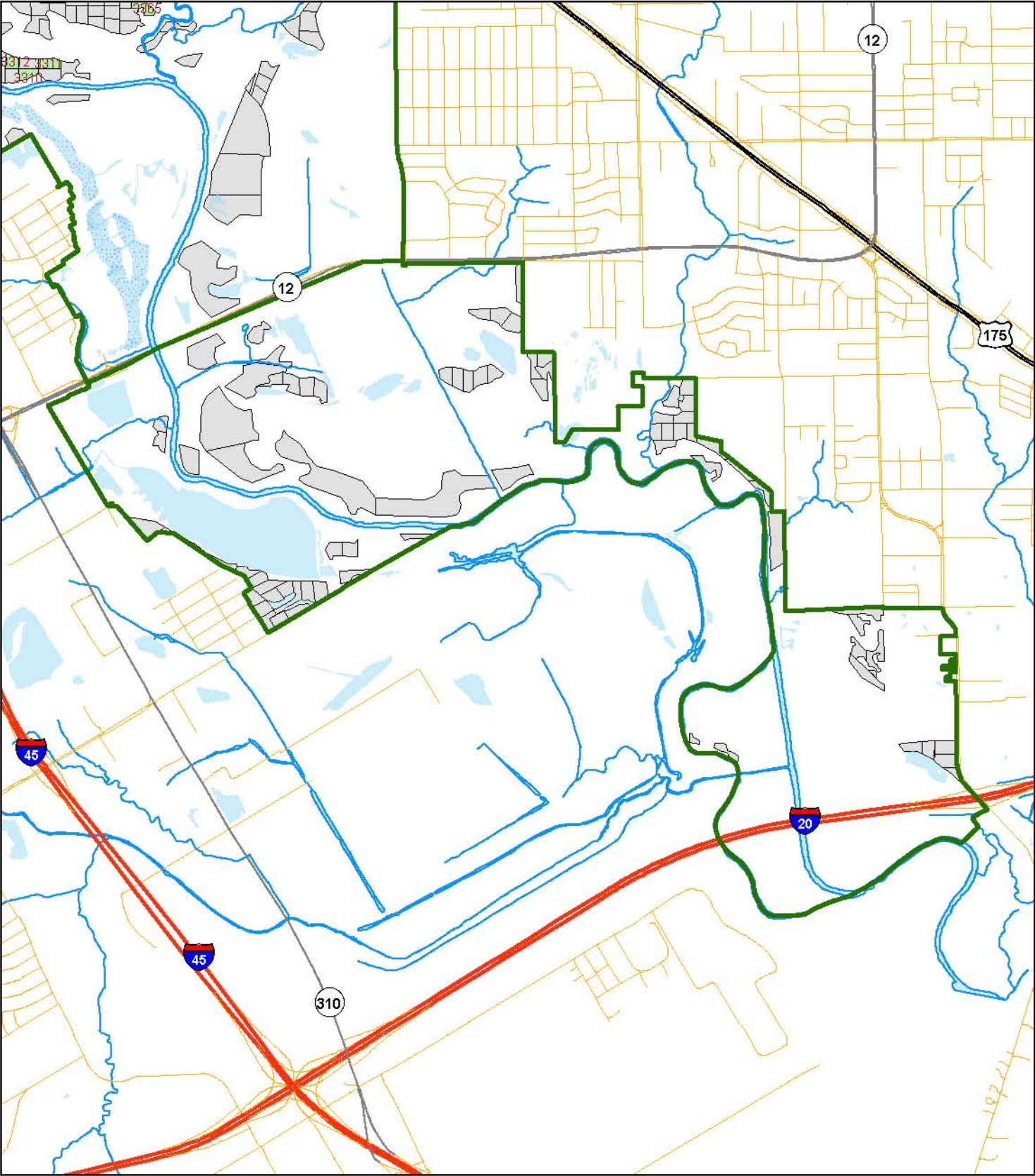


Stands
Others
Management Unit 2036



0 0.25 0.5
Miles

Management Unit 2036 - Sector 4



Stands

- Others
- Management Unit 2036



0 0.25 0.5 1
Miles

Mitigation Unit 2025

DESCRIPTION

Mitigation Unit 2025 is composed of an area (Stand 5001) within the USACE's mitigation land. 2025 is the anticipated year that management of the mitigation land will change to the City of Dallas. It is approximately 23 acres in size

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2025

Prepare Stands with Herbicide – October 2025

Plant Trees – December 2025

Monitor – Fall 2026 & 2027

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

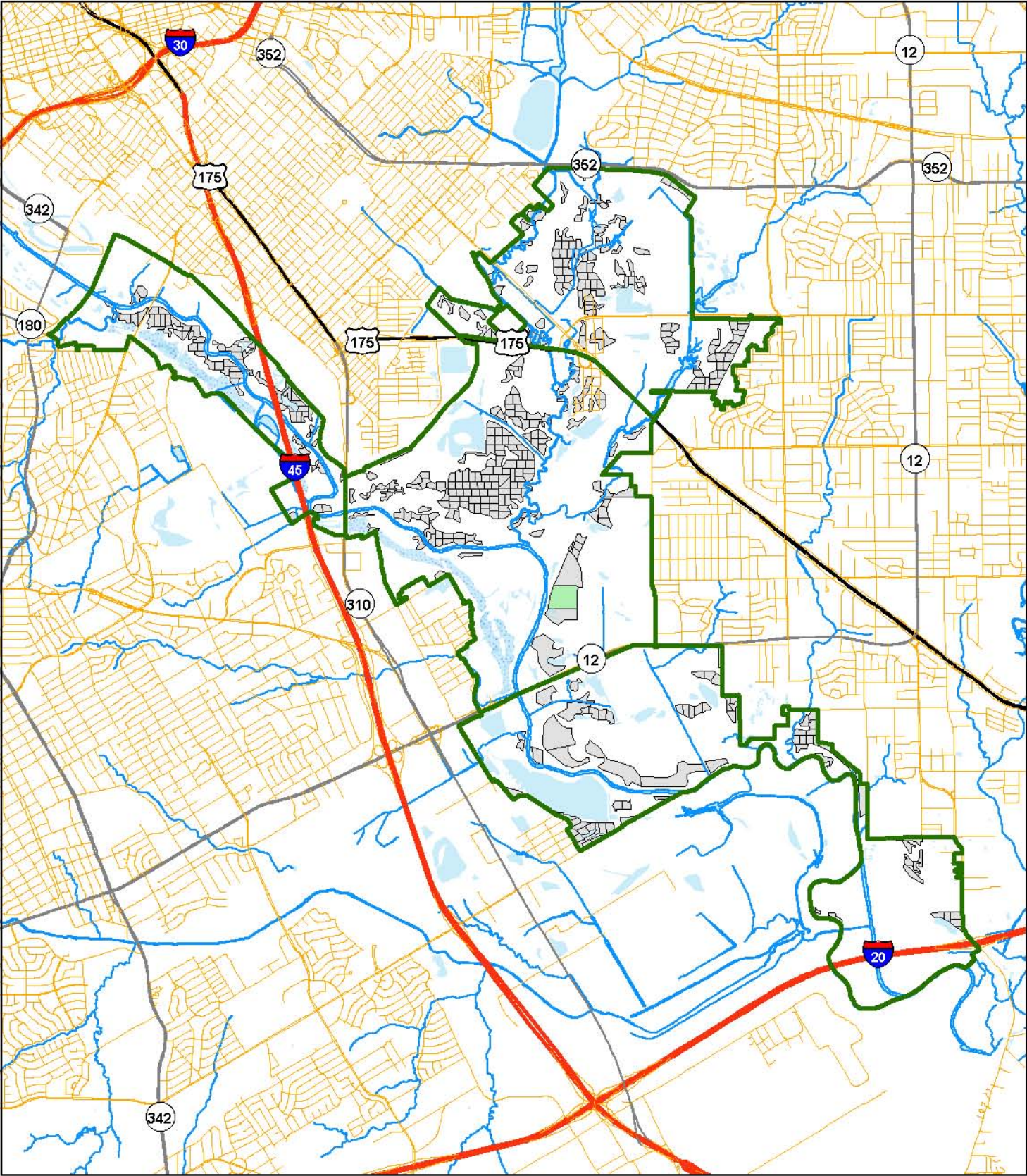
Mitigation Unit 2025

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5001	5	1	23.0	-96.7296	32.7182
Total Acres:			23.0		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2025 - Overall

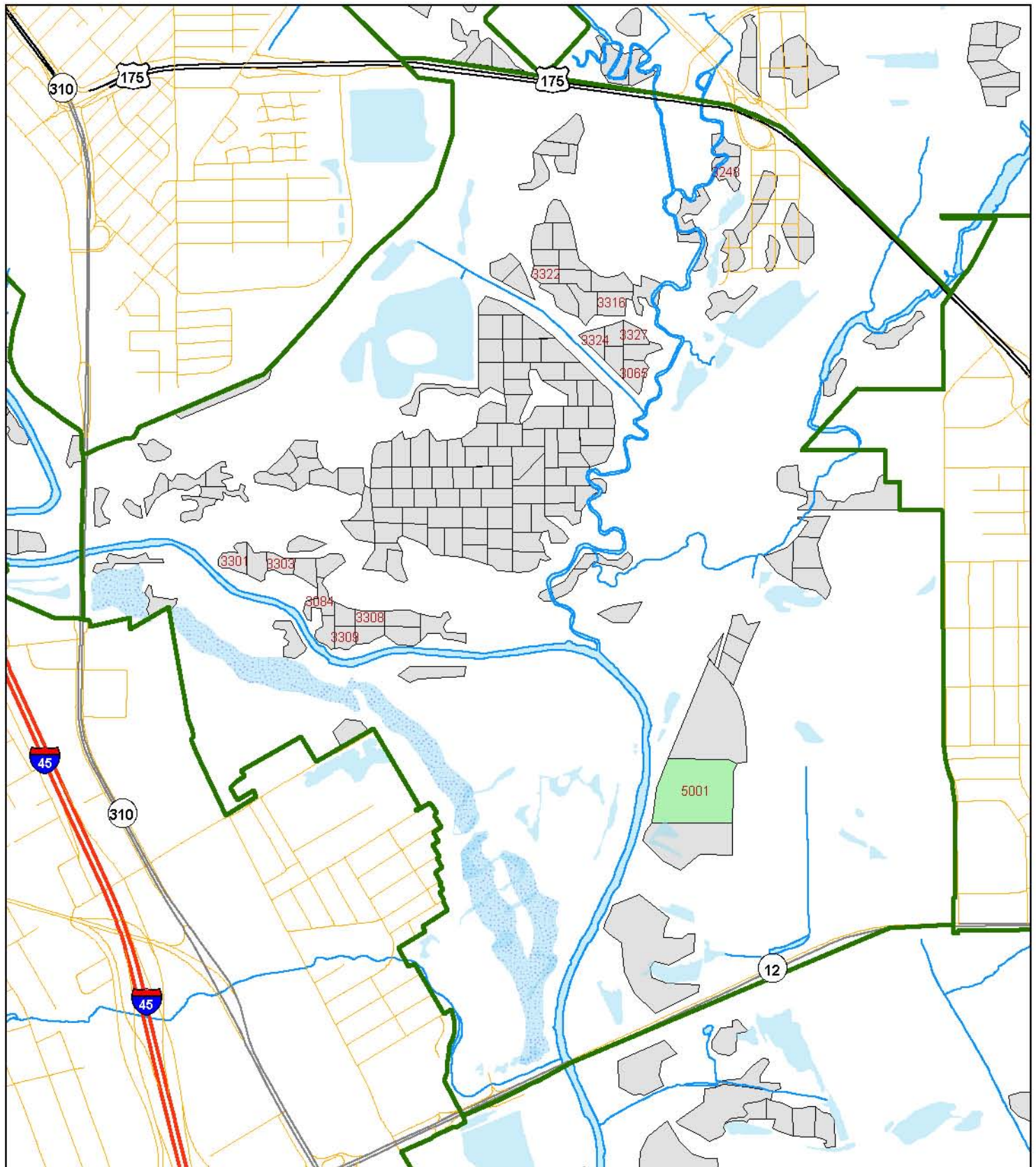


Stands
Others
Mitigation Unit 2025



0 0.5 1 2
Miles

Mitigation Unit 2025 - Sector 3



Stands

- Others
- Mitigation Unit 2025



0 0.25 0.5
Miles

Mitigation Unit 2026

DESCRIPTION

Mitigation Unit 2026 is composed of an area (Stand 5002) within the USACE's mitigation land. 2026 is approximately 28 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2026

Prepare Stands with Herbicide – October 2026

Plant Trees – December 2026

Monitor – Fall 2027 & 2028

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

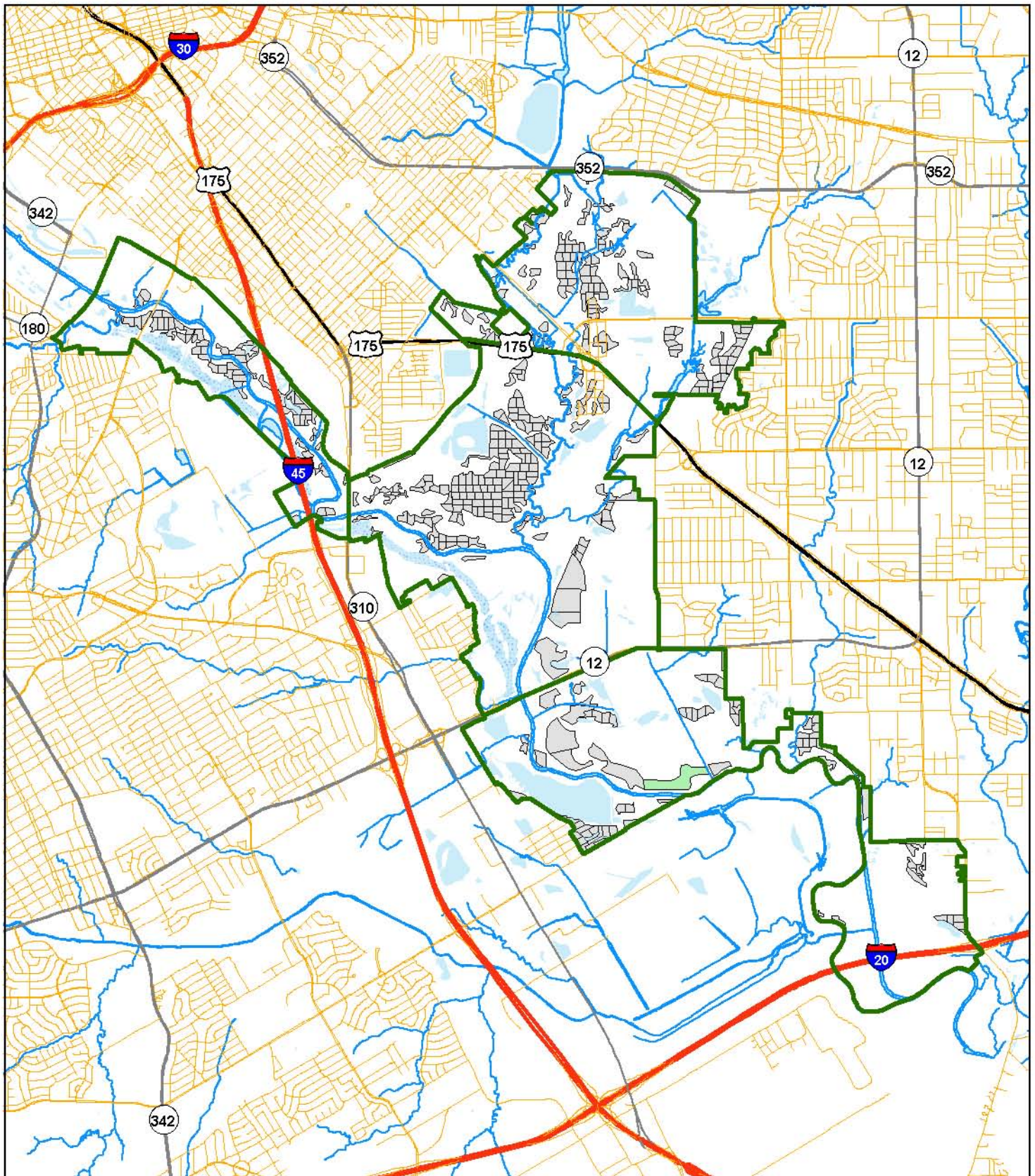
Mitigation Unit 2026

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5002	5	2	28.1	-96.7155	32.6980
Total Acres:			28.1		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2026 - Overall

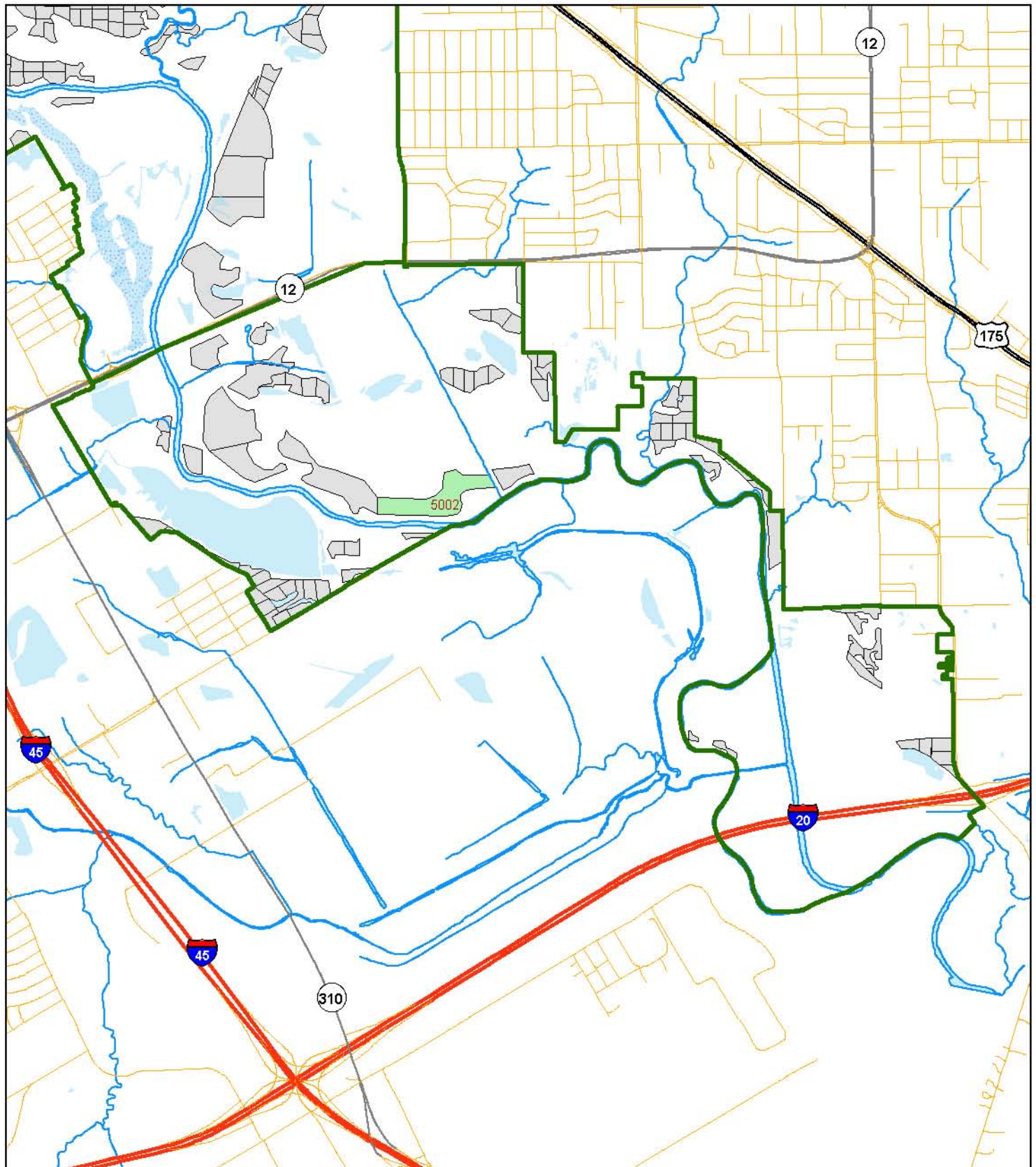


Stands

- Others
- Mitigation Unit 2026



Mitigation Unit 2026 - Sector 4



Stands

- Others
- Mitigation Unit 2026



Mitigation Unit 2027

DESCRIPTION

Mitigation Unit 2027 is composed of an area (Stand 5003) within the USACE's mitigation land. 2027 is approximately 28 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2027

Prepare Stands with Herbicide – October 2027

Plant Trees – December 2027

Monitor – Fall 2028 & 2029

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

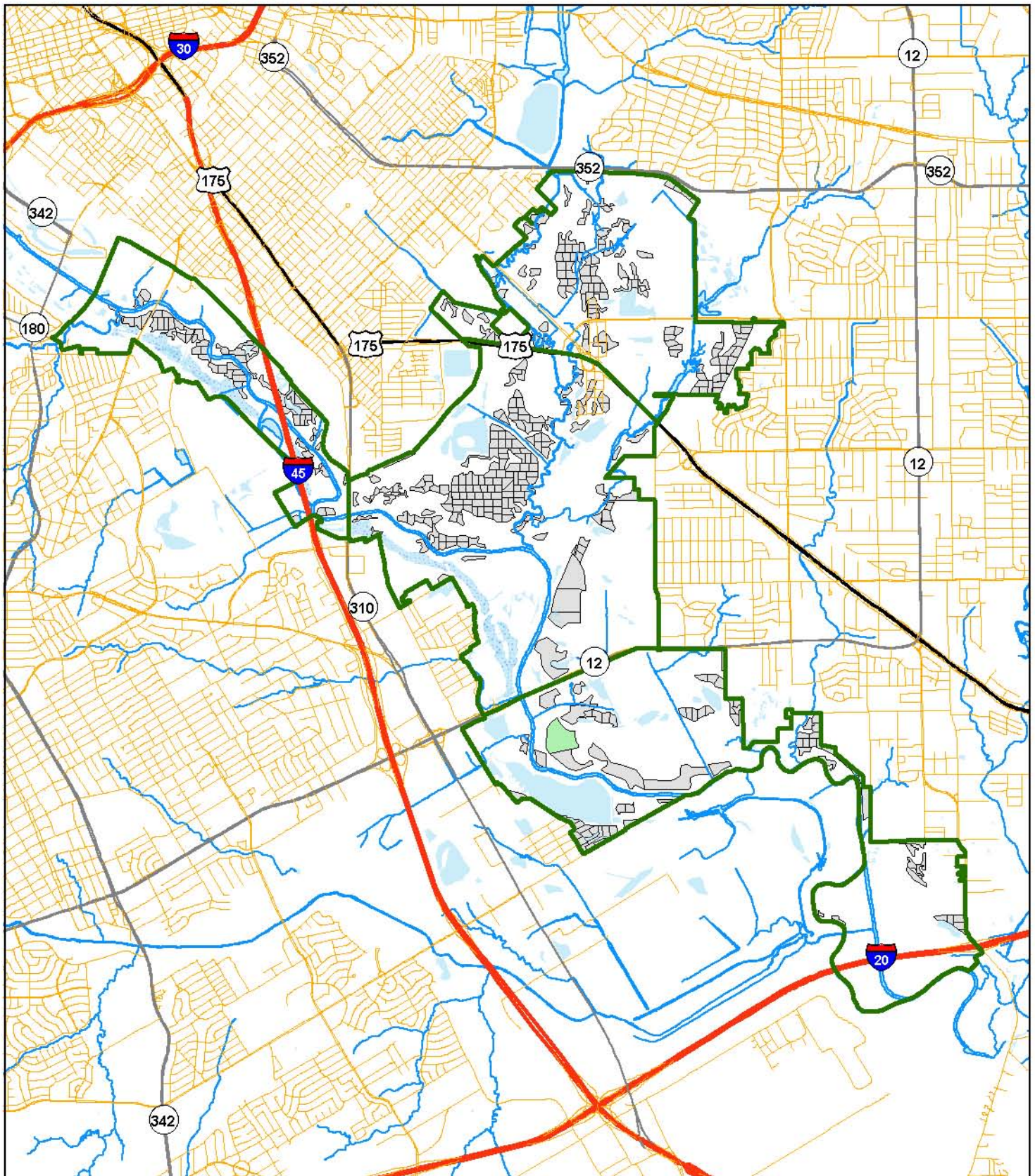
Mitigation Unit 2027

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5003	5	2	28.2	-96.7308	32.7029
Total Acres:			28.2		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2027 - Overall

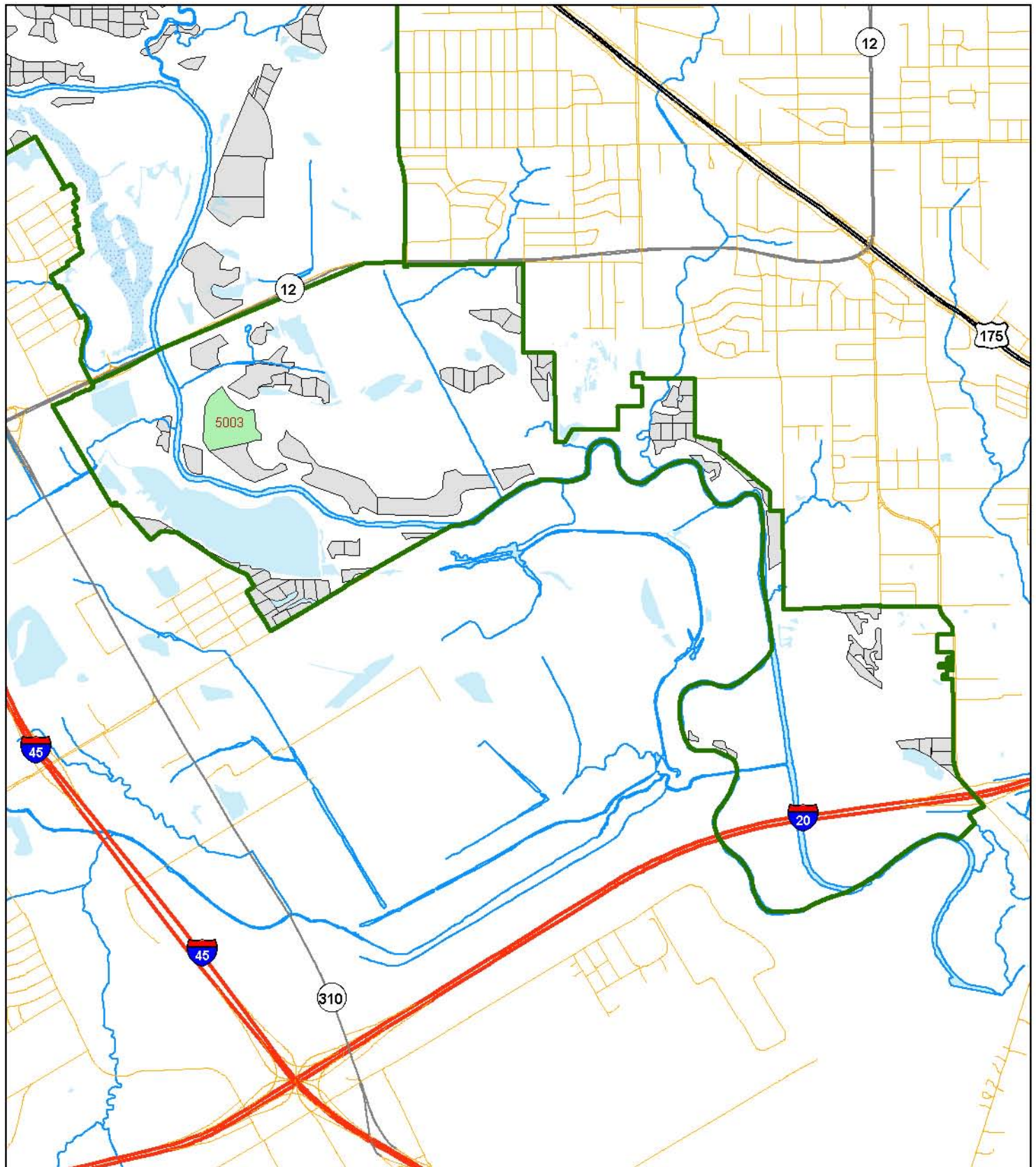


Stands

- Others
- Mitigation Unit 2027



Mitigation Unit 2027 - Sector 4



Stands

- Others
- Mitigation Unit 2027



Mitigation Unit 2028

DESCRIPTION

Mitigation Unit 2028 is composed of two stands (Stands 5004 and 5005) within the USACE's mitigation land. 2028 is approximately 26 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2028

Prepare Stands with Herbicide – October 2028

Plant Trees – December 2028

Monitor – Fall 2029 & 2030

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

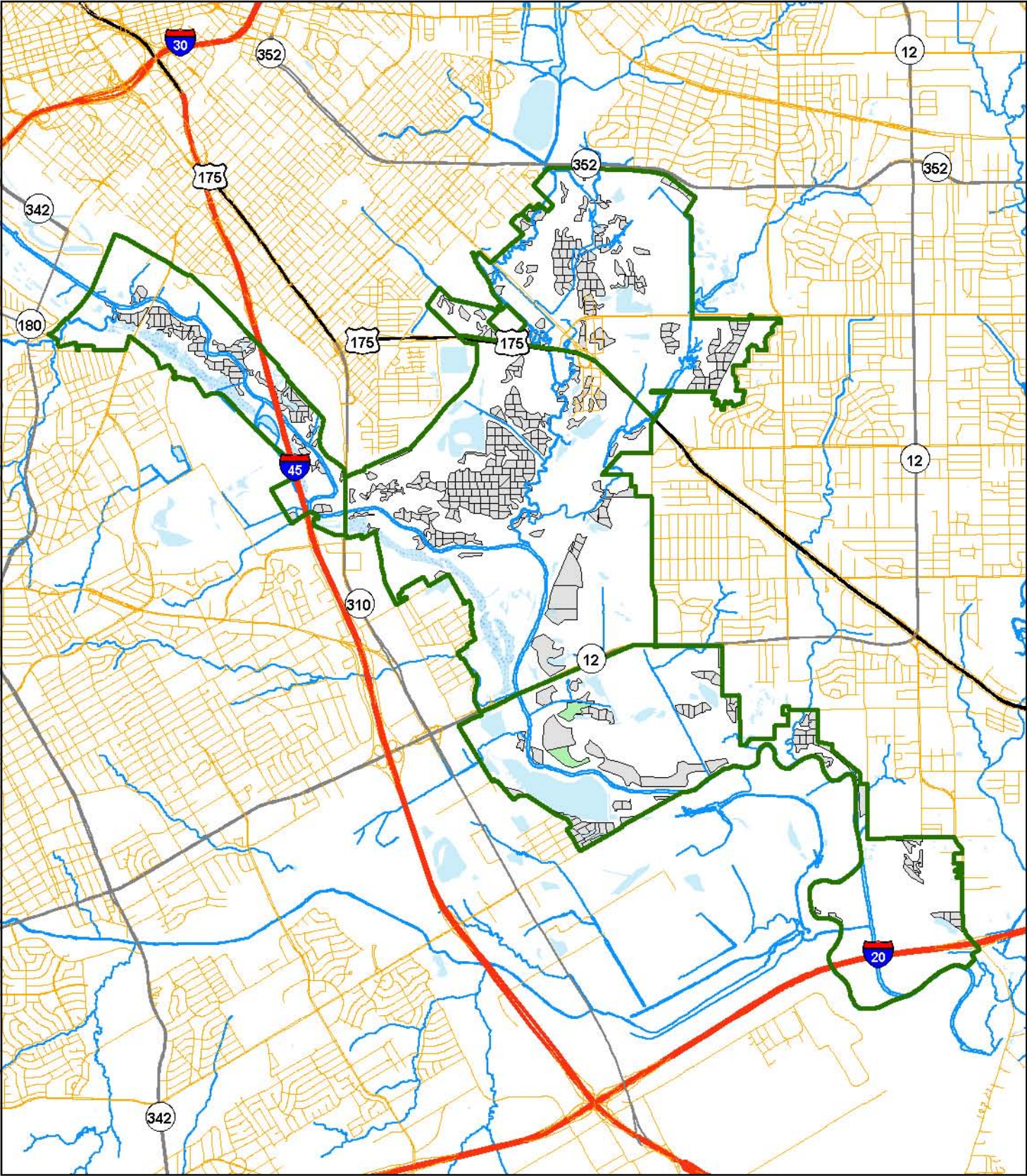
Mitigation Unit 2028

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5004	5	2	13.7	-96.7296	32.7004
5005	5	1	12.2	-96.7286	32.7056
Total Acres:			25.9		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2028 - Overall

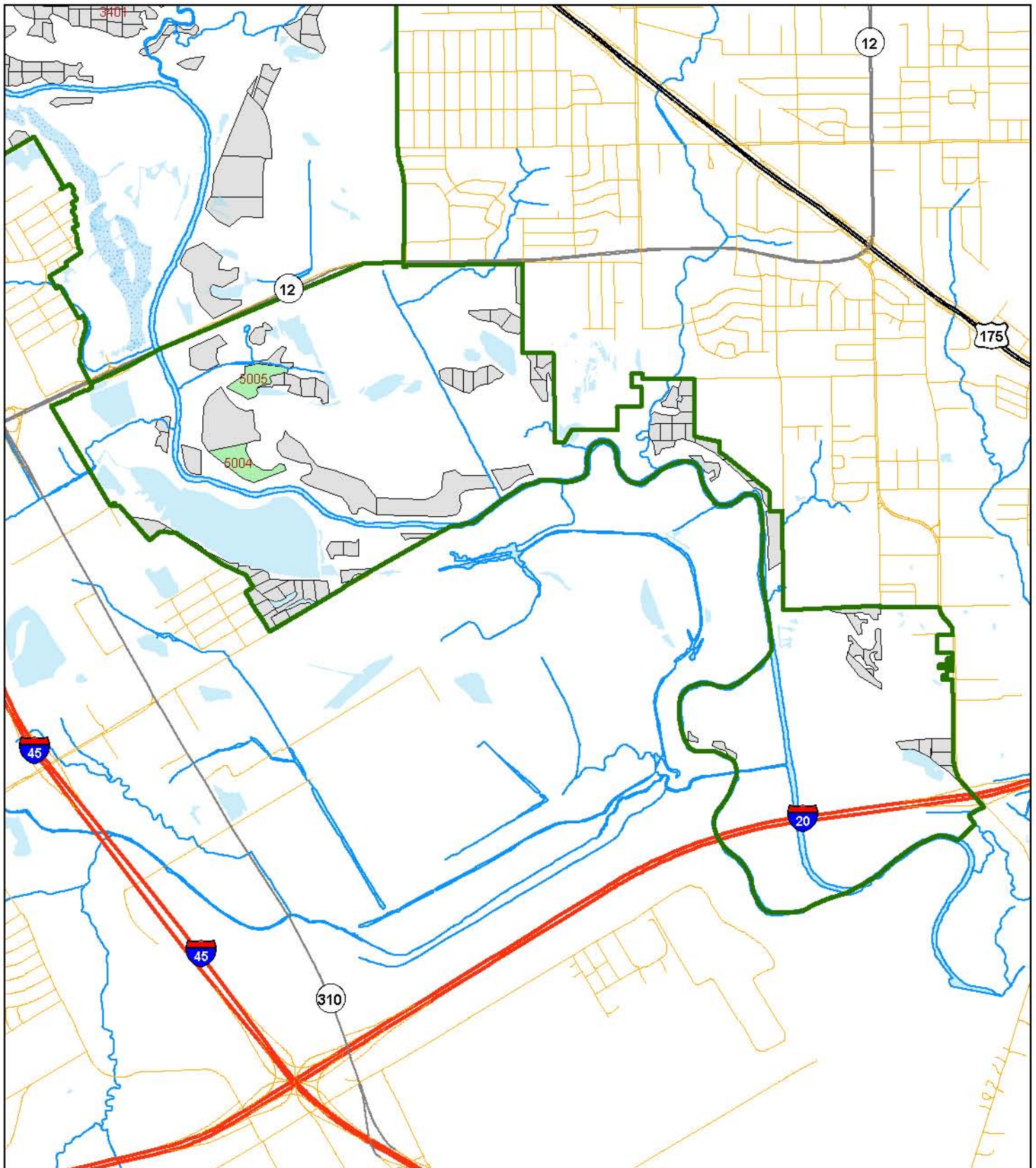


Stands
Others
Mitigation Unit 2028



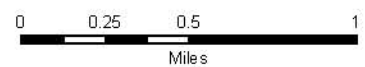
0 0.5 1 2
Miles

Mitigation Unit 2028 - Sector 4



Stands

- Others
- Mitigation Unit 2028



Mitigation Unit 2029

DESCRIPTION

Mitigation Unit 2029 is composed of four stands (Stands 5006, 5007, 5008, and 5009) within the USACE's mitigation land. 2029 is approximately 26 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2029

Prepare Stands with Herbicide – October 2029

Plant Trees – December 2029

Monitor – Fall 2030 & 2031

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

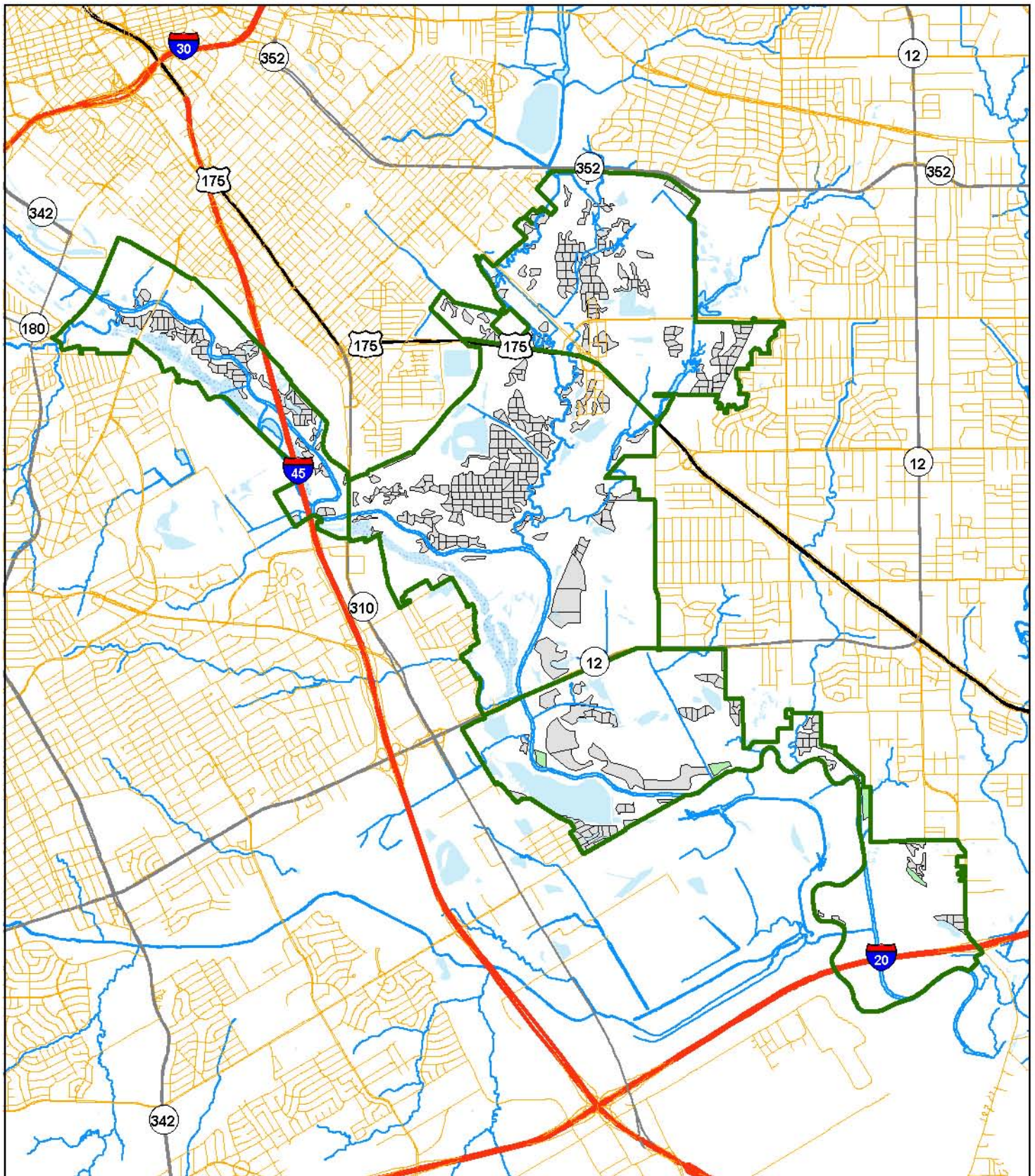
Mitigation Unit 2029

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5006	5	2	4.0	-96.6843	32.6868
5007	5	1	10.5	-96.6906	32.6952
5008	5	2	6.3	-96.7100	32.6993
5009	5	2	5.1	-96.7334	32.7007
Total Acres:			25.9		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2029 - Overall

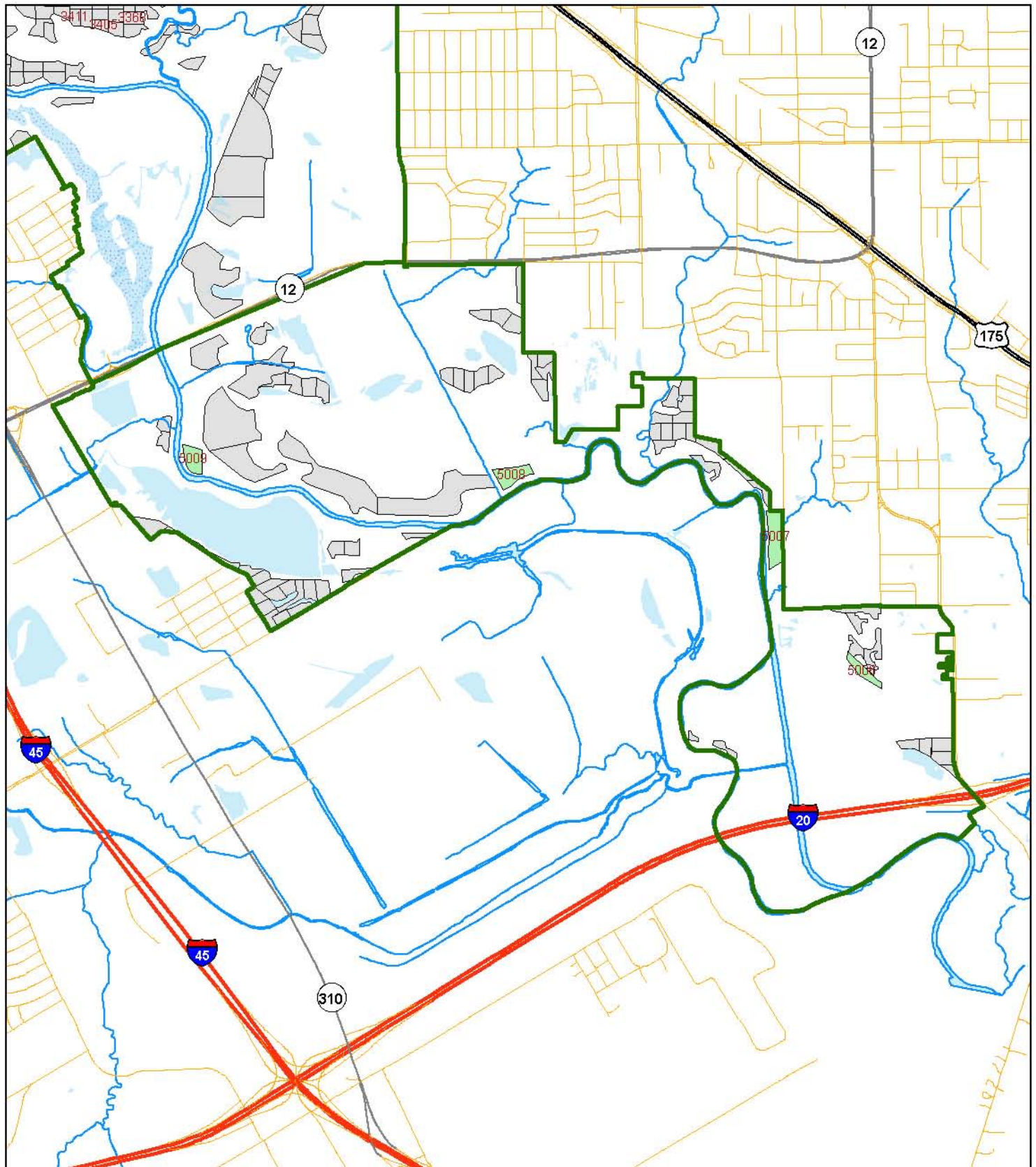


Stands

- Others
- Mitigation Unit 2029



Mitigation Unit 2029 - Sector 4



Stands

- Others
- Mitigation Unit 2029



Mitigation Unit 2030

DESCRIPTION

Mitigation Unit 2030 is composed of one stand (Stand 5010) within the USACE's mitigation land. 2030 is approximately 27 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2030

Prepare Stands with Herbicide – October 2030

Plant Trees – December 2030

Monitor – Fall 2031 & 2032

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

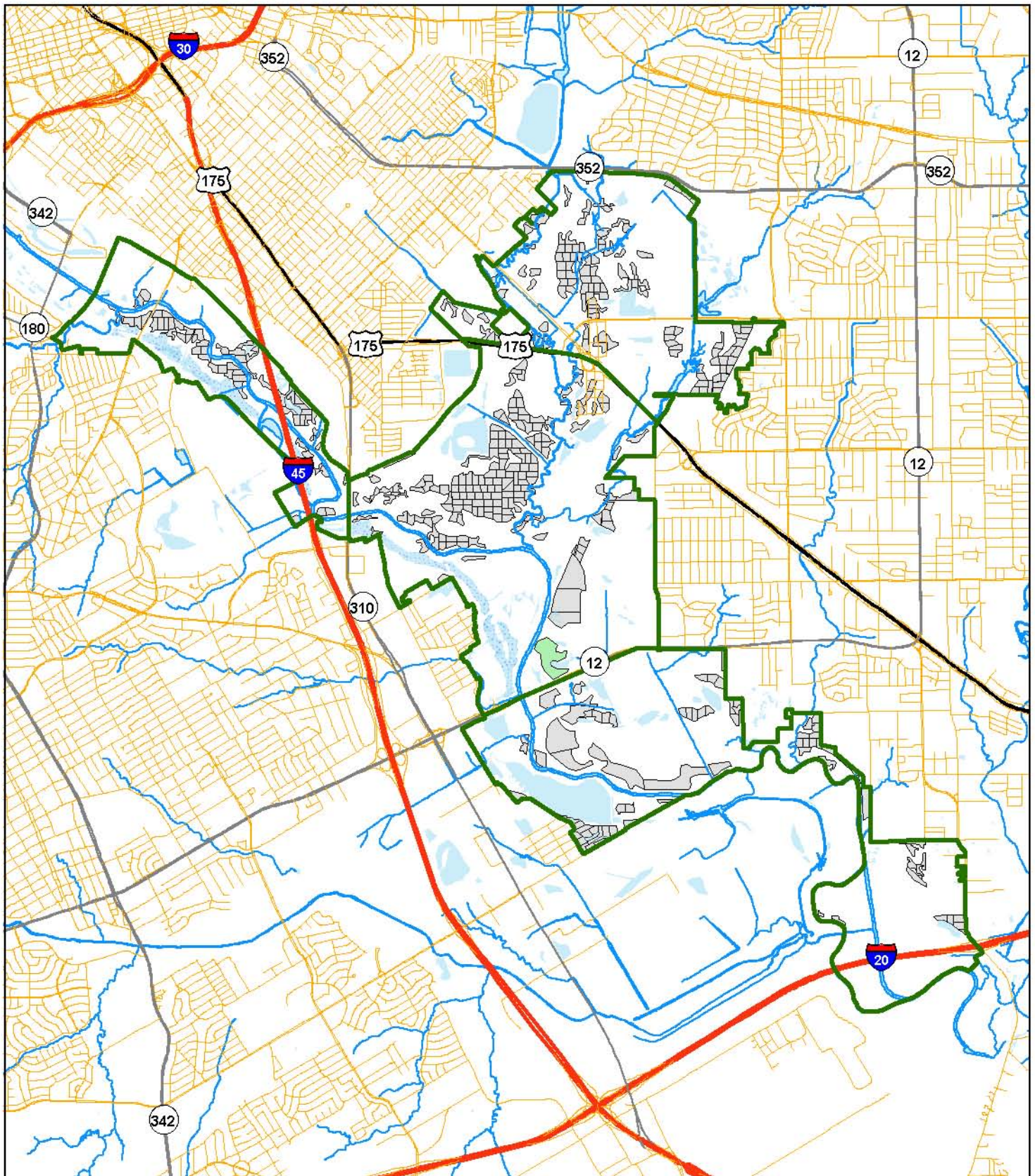
Mitigation Unit 2030

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5010	5	1	26.6	-96.7319	32.7119
Total Acres:			26.6		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2030 - Overall

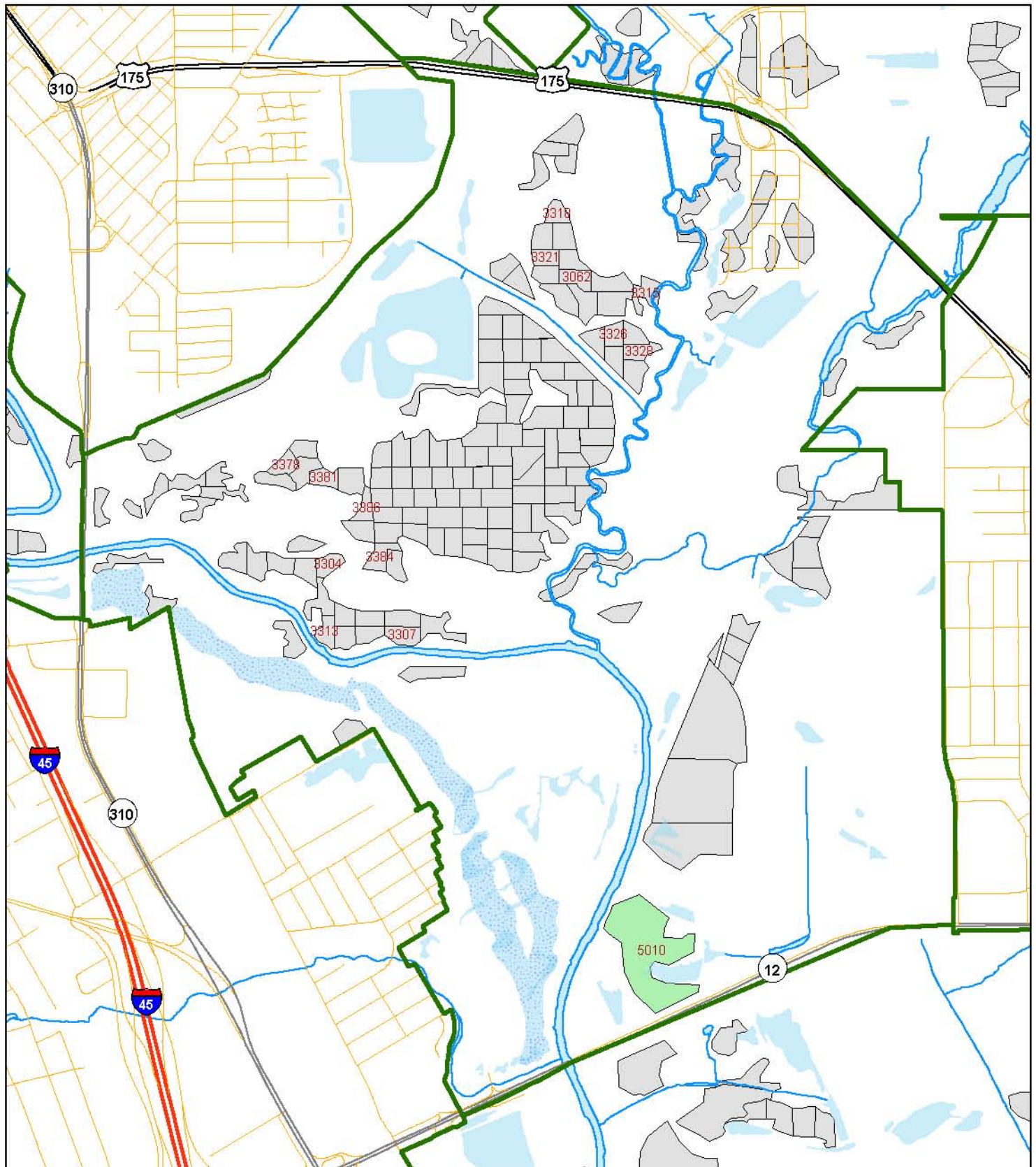


Stands

- Others
- Mitigation Unit 2030



Mitigation Unit 2030 - Sector 3



Stands

- Others
- Mitigation Unit 2030



0 0.25 0.5
Miles

Mitigation Unit 2031

DESCRIPTION

Mitigation Unit 2031 is composed of one stand (Stand 5011) within the USACE's mitigation land. 2031 is approximately 24 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2031

Prepare Stands with Herbicide – October 2031

Plant Trees – December 2031

Monitor – Fall 2032 & 2033

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

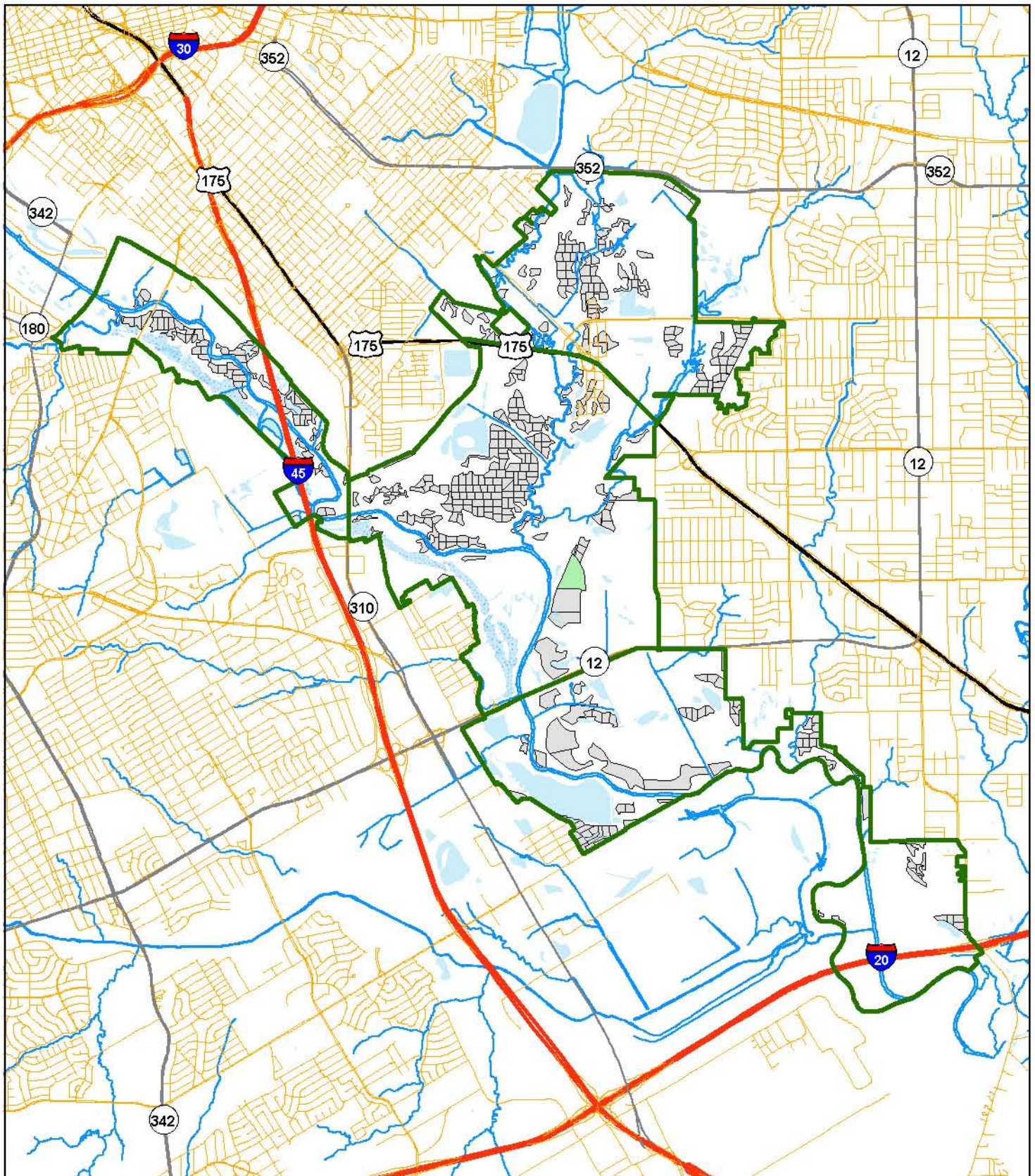
Mitigation Unit 2031

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5011	5	2	23.6	-96.7287	32.7209
Total Acres:			23.6		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2031 - Overall

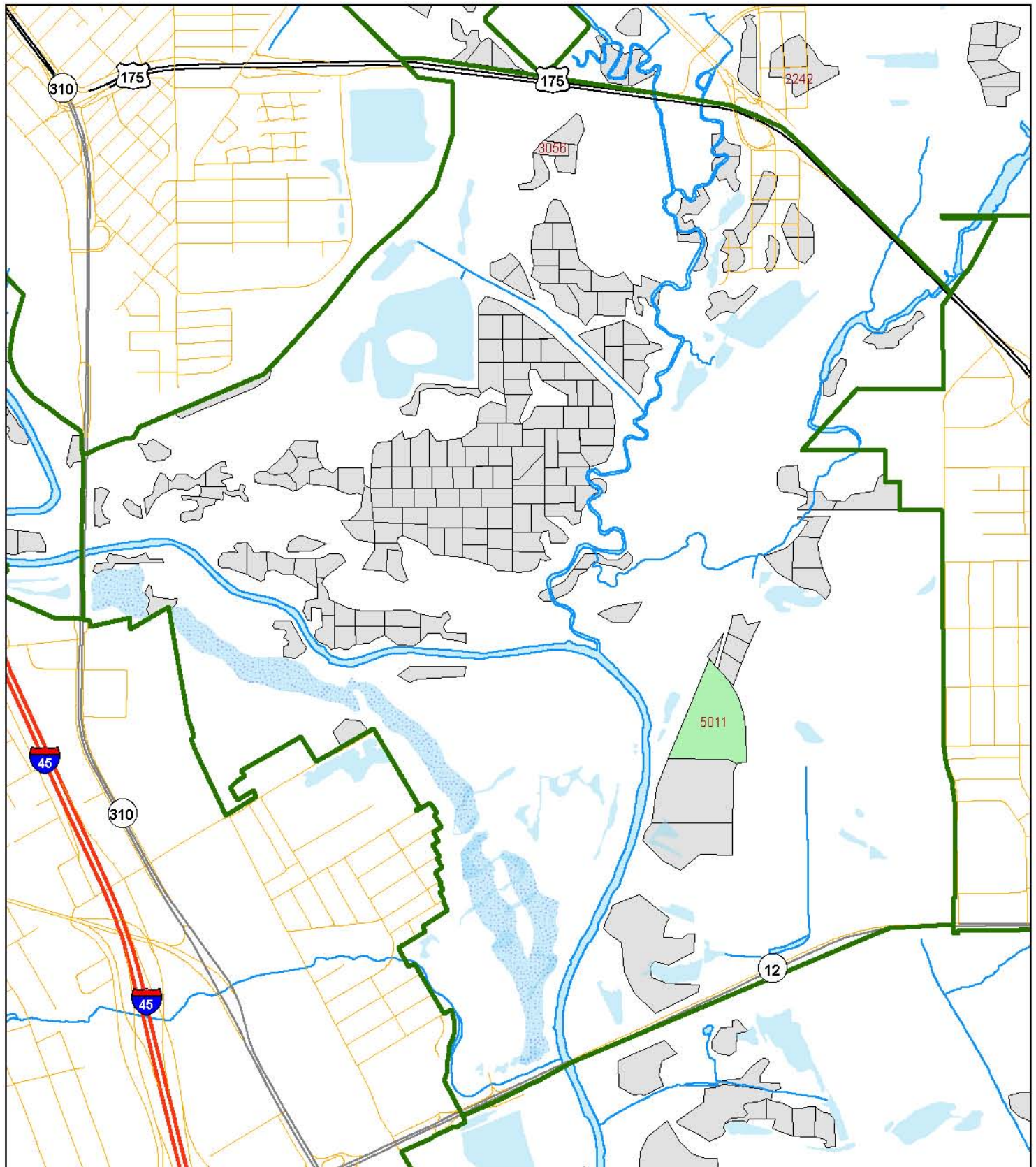


Stands

- Others
- Mitigation Unit 2031



Mitigation Unit 2031 - Sector 3



Stands

- Others
- Mitigation Unit 2031



Mitigation Unit 2032

DESCRIPTION

Mitigation Unit 2032 is composed of three stands (Stands 5012, 5013, and 5014) within the USACE's mitigation land. 2032 is approximately 26 acres in size.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2032

Prepare Stands with Herbicide – October 2032

Plant Trees – December 2032

Monitor – Fall 2033 & 2034

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

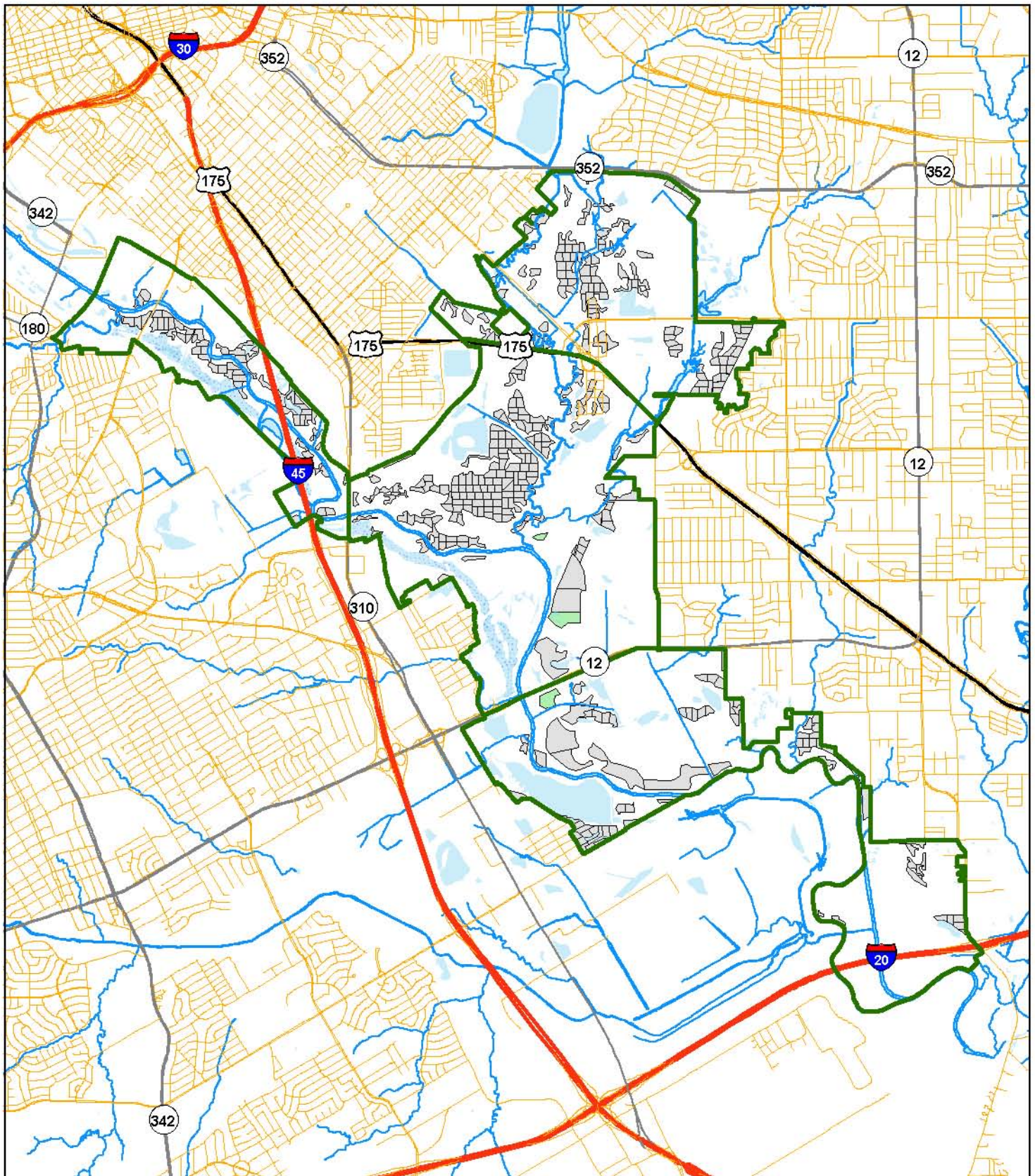
Mitigation Unit 2032

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5012	5	2	9.2	-96.7322	32.7072
5013	5	2	14.4	-96.7299	32.7162
5014	5	2	2.5	-96.7329	32.7253
Total Acres:			26.1		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2032 - Overall

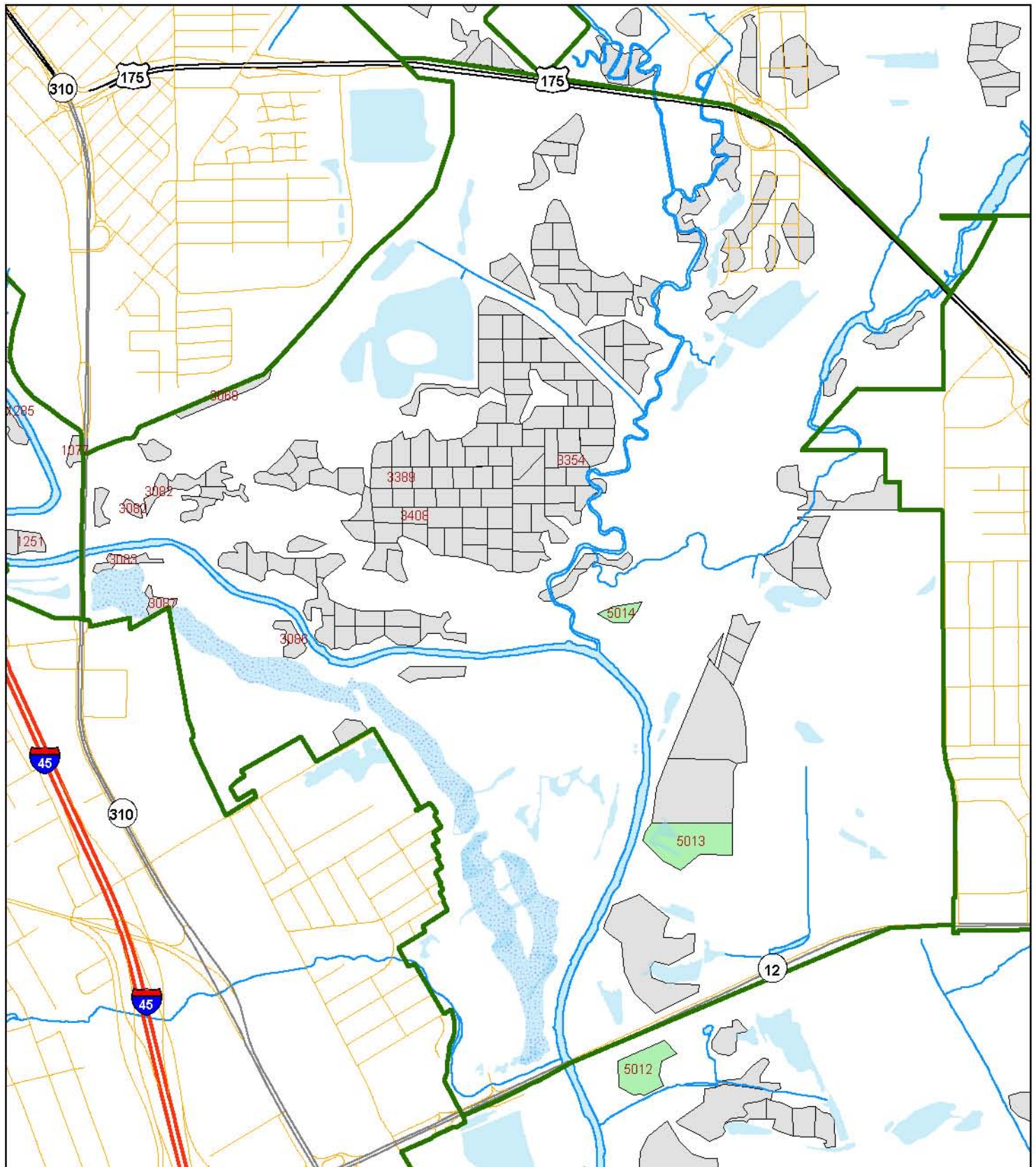


Stands

- Others
- Mitigation Unit 2032



Mitigation Unit 2032 - Sector 3



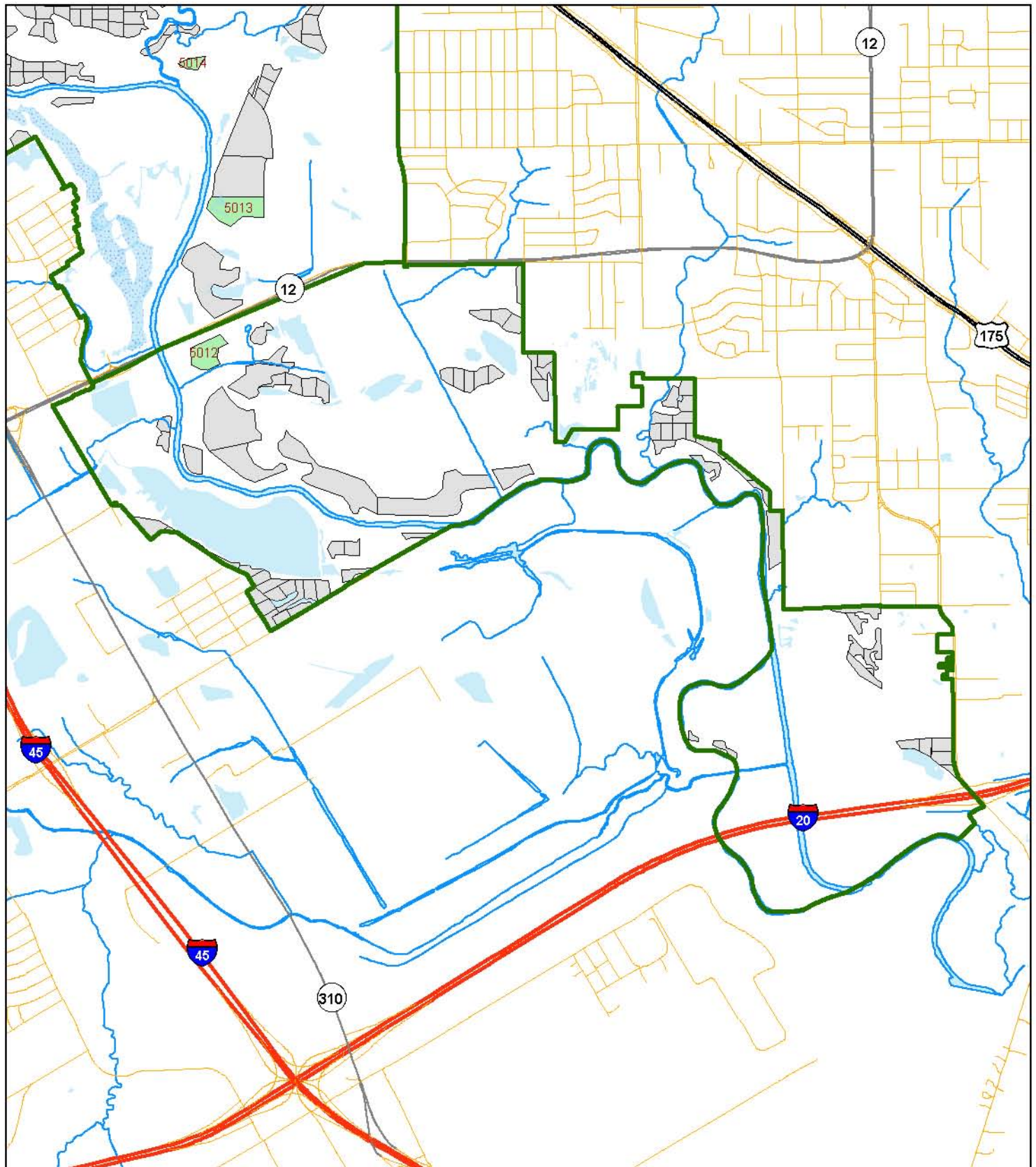
Stands

- Others
Mitigation Unit 2032



A horizontal scale bar with tick marks at 0, 0.25, and 0.5. The word "Miles" is centered below the bar.

Mitigation Unit 2032 - Sector 4



Stands

- Others
- Mitigation Unit 2032



Mitigation Unit 2033

DESCRIPTION

Mitigation Unit 2033 is composed of one stand (Stand 5015) within the USACE's mitigation land. Unit 2033 is approximately 28 acres in size. It is the last mitigation unit to be managed.

STAND DATA

(See Following Page)

OPERATIONS

Layout Stand – January 2033

Prepare Stands with Herbicide – October 2033

Plant Trees – December 2033

Monitor – Fall 2034 & 2035

Plant Shrubs – Anytime

Monitor – Two years following planting

** For a detailed description of procedures see the Restoration Guidelines section.*

DETAIL

Early in the year stands should be located and inspected by a professional forester. At this time the decision should be made as to whether or not the planting should occur, or if any other action is necessary. Care should be taken to evaluate each stand to determine the location and appropriate mix of seedlings based on the site's characteristics. In the fall herbicide should be applied to all undesirable plants within each stand. Trees should be planted that winter in accordance to the specifications in the *Restoration Guidelines* section of this plan. Monitoring plots should be well marked at the time of planting and checked annually for the following two years to ensure adequate planting success. Shrub plantings can be made from 10-15 years after tree planting and should be monitored in a similar fashion.

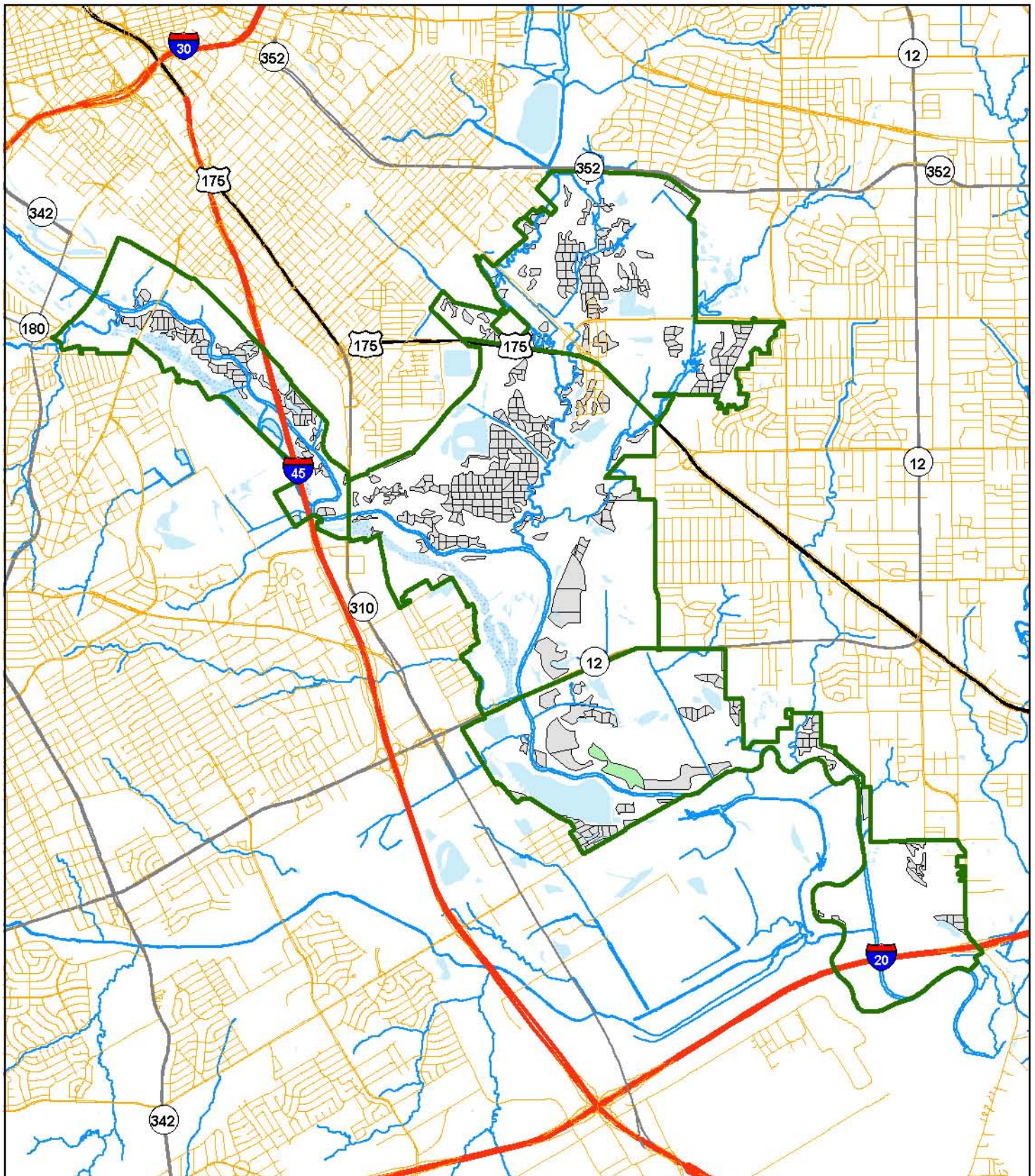
Mitigation Unit 2033

Stand Number	Sector	Site Catagory ¹	Acres	X-Coordinate ²	Y-Coordinate ²
5015	5	2	27.8	-96.7233	32.6993
Total Acres:			27.8		

¹ Site Catagory "1" = Primary; "2" = Secondary

² GPS Coordinates in Decimal Degrees; WGS 1984.

Mitigation Unit 2033 - Overall

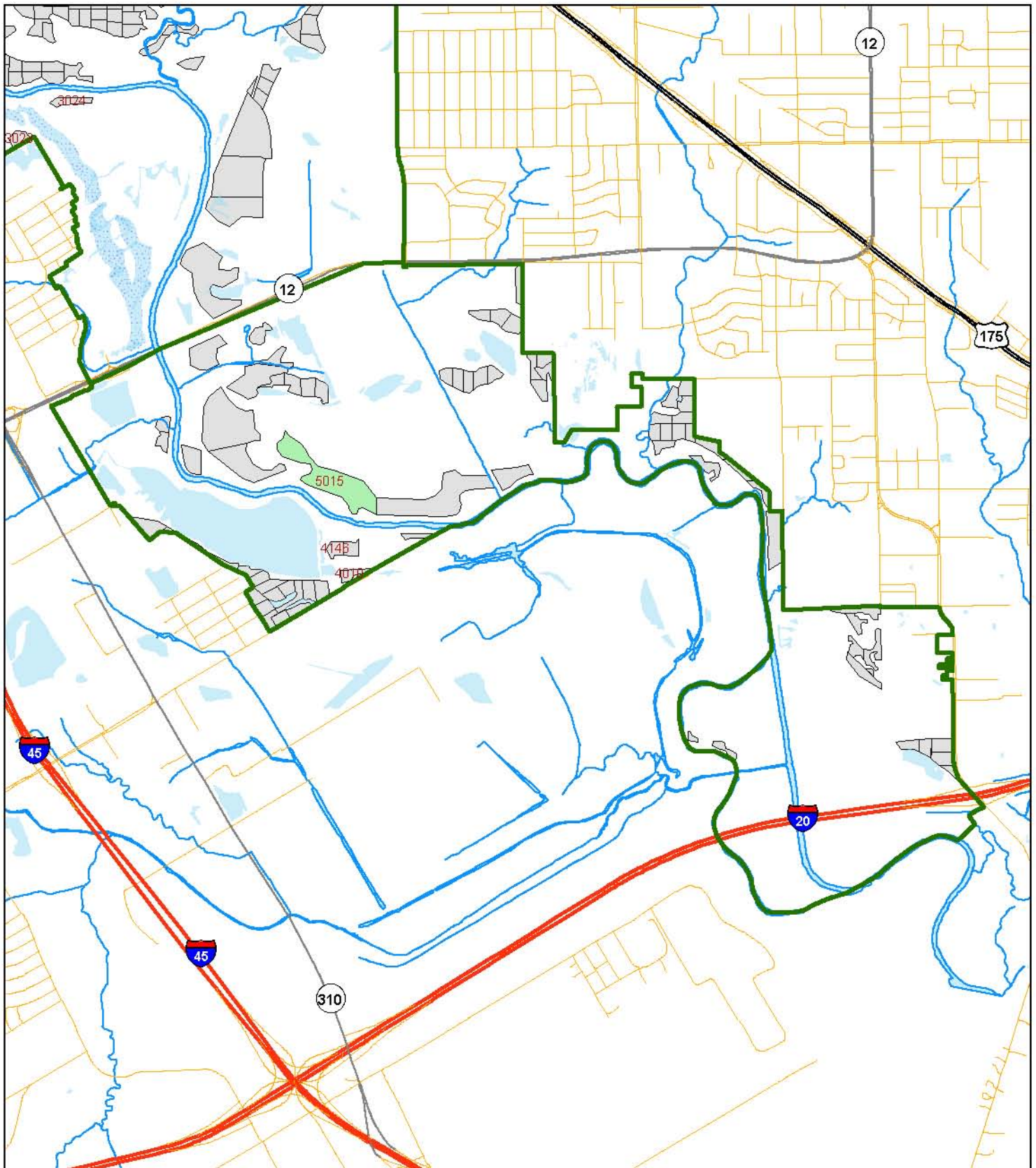


Stands

- Others
- Mitigation Unit 2033



Mitigation Unit 2033 - Sector 4



Stands

- Others
- Mitigation Unit 2033

