



**CITY OF WENTZVILLE
PROCUREMENT DEPARTMENT
310 WEST PEARCE BOULEVARD
WENTZVILLE, MISSOURI 63385**

INVITATION FOR BIDS

IFB #16-041

SLAB REPLACEMENT PROJECT "B" 2016

Issued March 29, 2016

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**CITY OF WENTZVILLE
310 WEST PEARCE BOULEVARD
WENTZVILLE, MISSOURI 63385**

**INVITATION FOR BIDS
IFB NUMBER # 16-041**

March 29, 2016

The City of Wentzville (the "City") seeks sealed bids from qualified contractors for:
Slab Replacement Project "B" 2016

The Slab Replacement Project 2016 ("Project") shall consist of the replacement of selected street slabs in Heritage Point, Stone Ridge Canyon, Golf Club, Glennhurst, and Manors at Quail Ridge subdivisions. This shall include the excavation and removal of the existing roadway, preparation, and placement of 4" aggregate base, placement of 7" of Portland Cement Concrete, as well as associated traffic control.

Sealed bids will be accepted by the City of Wentzville, Procurement Department, City Hall, 310 W. Pearce Blvd., Wentzville, MO 63385 until 2:00 pm local time on April 19, 2016 at which time they will be publicly opened and read aloud. The sealed envelope shall be clearly marked with IFB # 16-041, Slab Replacement Project "B" and Bidder Name on the outside of envelope.

All questions regarding this project shall be submitted to Alice Winkelman, Senior Procurement Specialist at Alice.Winkelman@Wentzvillemo.org and be in writing by April 7, 2016.

The City reserves the right to reject any or all bids and to waive any irregularities therein, and accept the best most advantageous to the City of Wentzville.

Bid security in the amount of five percent (5%) of the total bid amount shall accompany each bid in accordance with the Information for Bidders.

The successful bidder shall be required to comply in all respects with the State Statutory provisions concerning the payment of prevailing wages on Public Works, Section 290.262 RSMo and shall pay to all workmen performing the work under the Contract not less than the prevailing hourly rate of wages as determined by the Department of Labor and Industrial Relations of the State of Missouri.

City of Wentzville

Kimberly Butts, CPPO, CPSM



INFORMATION FOR BIDDERS

1. **Background and Funding:** The Slab Replacement Project “ B” 2016 (“Project”) shall consist of the replacement of selected street slabs in Heritage Point, Stone Ridge Canyon, Golf Club, Glennhurst, and Manors at Quail Ridge subdivisions. This shall include the excavation and removal of the existing roadway, preparation, and placement of 4” aggregate base, placement of 7” of Portland Cement Concrete, as well as associated traffic control.

This project is fully funded through City of Wentzville funding.

2. **Questions:** All questions must be submitted in writing via e-mail to Alice Winkelman, Senior Procurement Specialist at: Alice.Winkelman@Wentzvillemo.org with the project name in the subject line before time and date indicated. No verbal interpretation will be recognized; any and all such interpretations shall be confirmed in an addendum to the contract by the City.
3. No type of electronic submittal (fax, email, etc.) of bid proposals will be accepted.
4. **Bidder Documentation:** All responses, inquiries, or correspondence relating to, or in reference to, this Invitation for Bid, and all reports, charts, displays, schedules, exhibits and other documentation by the Bidder shall become the property of the City when received. All bids submitted shall also become the property of the City. If any proprietary information is contained in the bid, it should be clearly identified. Marking the entire bid as proprietary will be neither accepted nor honored. If a request is made to view a Bidder’s bid submission, the City will comply according to Missouri Sunshine Law.
5. **Bid Opening:** Bids will be opened promptly and read aloud on the date and time and at the location indicated. The Bidder is solely responsible for insuring its Bid Proposal is received at the time, date, and location specified. The bid opening is public and anyone may attend. No bid information, other than the bid tabulation, will be made available to the public during the evaluation period between the bid opening and the award of the bid.
6. **Bid Held Firm:** Bids are not awarded at the time of bid opening. Bid proposals will be considered firm for 90 days from the bid opening date. By mutual agreement, by consent in writing, from the bidder(s), the bid(s) may be held firm for an additional period of time.
7. **Waiver:** The City of Wentzville expressly reserves the right to waive minor or slight irregularities in a bid which in the City’s judgment are in the best interest of the public and do not provide a material advantage to the bidder over all the other bidders.
8. **Rejection:** The City of Wentzville reserves the right to reject any or all bids received in part or entirely.

9. **Examination of Bid/Contract Documents and Site of Work.** The Bidder is expected to examine carefully the site of proposed work, the specifications, and the Bid/Contract documents before submitting a bid. The submission of a bid shall be considered prima facie evidence that the Bidder has made such examination and is satisfied to the conditions to be encountered in performing the work and as to the requirements of the Bid/Contract documents.

10. **Product Substitutions:** Requests for product substitutions will not be considered during bidding.

If Contractor's bid includes substitutions it shall be at the Contractor's risk and responsibility to demonstrate that the substitution is a "functional equivalent" product during submittal reviews. During the review process, if substituted products are determined not to be functionally equivalent, Contractor shall provide products as specified at no additional cost to Owner.

11. **Laws to be Observed:** The Contractor shall at all times observe and comply with all Federal and State laws, all local laws, ordinances, and regulations existing at the time of or enacted subsequent to the execution of the contract which, if in any manner, affect the prosecution of the work. The Contractor and his surety shall indemnify and save harmless the Owner and all of his representatives, engineers, consultants, and employees against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by himself, his employees, or his subcontractors.

Bidders, take note that changes may be made to this contract as a result of any ordinance, law and/or directive issued by the City and/or the State of Missouri and/or the Federal Government. Should such a change occur, the Contract Documents and Specifications shall be amended reflecting such change and signed by both parties acknowledging the change(s).

12. **Taxes:** This project is exempt from all sales taxes for construction materials and supplies used directly in fulfilling contract requirements. Sales tax shall not be included into the unit costs for this project. The contractor shall follow the regulations as outlined in Missouri 12 CSR 10-3.388 Construction Materials.

The City will issue the contractor a tax exemption letter and a project exemption certificate. These documents are to be given to the applicable suppliers and used only for the specific project identified and will expire on the date indicated unless renewed by the City.

13. **Prevailing Wage:** The successful Bidder shall be required to comply in all respects with Federal and State Wage Rates, including applicable statutory provisions concerning payment of prevailing wages on public works projects, Sections 290.210 through 290.340 R.S. Mo. (most current version), as currently amended, and shall pay to all workmen performing under work contract not less than prevailing hourly rate of wages as determined by the Department of Labor and Industrial Relations of the State of Missouri

As such, the Bid Proposal for this project shall be based upon the required payment by the Contractor for wages for each craft or type of workmen required to execute the Contract. A schedule of such prevailing hourly rate of wages as determined by the Department of Labor and Industrial Relations of Missouri, pursuant to said statutory provisions is attached hereto and made a part of this Contract.

14. **OSHA:** The successful Bidder shall require all on-site employees to complete a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program provided by the contractor which includes a course in construction safety and health approved by OSHA or a similar program approved by MoDOLIR which is at least as stringent as an approved OSHA program, as required under Subsection 292.675.2 RSMo. All employees are required to complete the program within sixty days of beginning work under this contract. The successful bidder shall also require all subcontractors under the contractor to provide the ten-hour training program required under Subsection 292.675.2 RSMo. to such subcontractors' on-site employees.
15. **Equal Employment Opportunity.** The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or disability. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment; advertising; layoff or termination; rates of pay or other forms of compensation; and selection of training, including apprenticeship. The Contractor shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or disability. The Contractor shall incorporate the foregoing requirements of this paragraph in all of its subcontracts for work performed under the terms and conditions of this Contract. A breach of this provision may be grounds for termination of this Contract.
16. **American Products:** The City has adopted a preference that requires every Public Works project in excess of \$5,000 to use American products. These products are to be used whenever the quality and price are comparable with other goods.
17. **Buy Missouri Preference:** Contractors are encouraged to purchase commodities and tangible property manufactured, produced, or grown within the local area and in the State of Missouri, and from all firms, corporations, or individuals with licensed businesses in the State of Missouri. This guideline pertains to all commodities and tangible property when quality is equal or better and the delivered price is the same or less, or when competing bids, in their entirety, are comparable.
18. **References:** The City reserves the right to request references from any bidder.
19. **Method of Award:** The solicitation shall be awarded to the lowest, responsive, responsible bidder. The City reserves the right, in its sole discretion, to reject any or all bids, or portions thereof, to waive technicalities or deficiencies in any or all the bids. The City of Wentzville reserves the right to cancel this IFB in part or in its entirety. This IFB does not commit the City of Wentzville to award a contract or to pay any costs to bidders in preparation of their bid.

The City of Wentzville hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this solicitation, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation

and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

20. Notice of Award: Upon approval of the bidder by the Board of Aldermen, the successful bidder will receive a Notice of Award listing supportive documentation that the bidder is required to submit, which includes but is not limited to the following:

- City-Contractor Agreement (*sample included with this solicitation*)
- Affidavit of Participation in Federal Work Authorization Form (*sample form available for bidder viewing on the City Procurement Department website.*)
- E-Verify Memorandum of Understanding (*showing electronic signatures of Contractor and Homeland Security*)
- Insurance
- Bonds

21. Performance Bond. If the Contractor's Bid is in excess of \$50,000.00, the Contractor shall also furnish within ten (10) days of notification of contract award a satisfactory Performance Bond in the full amount of the Bid based on the bid quantities listed on the Bid Proposal form. The Performance Bond furnished shall guarantee the faithful performance of the Work and warrant the Work for the guaranty period established in this City Contractor Agreement.

22. Payment Bond. If the Contractor's Bid is in excess of \$50,000, the Contractor shall furnish within ten (10) days of notification of contract award a satisfactory Payment Bond in the full amount of the Contract Sum. The Payment Bond furnished shall meet all requirements of Section 107.170 of the Revised Statutes of Missouri, as amended, and shall guarantee the payment of any and all materials, incorporated, consumed or used in connection with the construction of such work, and all insurance premiums, both for compensation, and for all other kinds of insurance, said work, and for all labor performed in such work whether by subcontractor or otherwise, including payment of prevailing wage requirements of the State of Missouri.

23. Notice to Proceed: Upon submittal and acceptance of all items as outlined in the Notice of Award, the successful bidder will receive Notice to Proceed and will be required to attend a Pre-Construction Meeting prior to beginning work.



EXHIBIT A BID PROPOSAL

For: IFB # 16-041 – Slab Replacement Project “B” 2016

To: Procurement Department
City of Wentzville
310 W. Pearce Blvd.
Wentzville, MO 63385

Pursuant to and in compliance with your Invitation for Bid, the Information for Bidders, Contract Document and Specifications and other documents relating thereto, the undersigned Bidder hereby proposes and agrees/guarantees that:

1. They have visited and examined the project site(s) and have carefully examined the Contract Documents and Specifications and any and all Addenda, as indicated below.
2. If this Invitation for Bid is accepted, to furnish all tools, equipment, labor, materials, supplies, and services to construct the project in strict conformance with the Contract Documents and Specifications, within the time set forth therein, for the price indicated in this Exhibit A Bid Proposal). These prices are to cover all expenses incurred in performing the work required under the Agreement of Services, of which this Bid Proposal is a part.
3. If awarded the Contract for the above work, they will have a maximum of ten (10) calendar days; excluding holidays from the date of the Notice of Award letter to submit supportive documentation as outlined in the notification letter. Failure to complete the outlined requirements within such timeframe shall be subject to forfeiture of the subject contract.
4. Time is of the essence. The Contractor will commence construction of the work promptly upon receipt of the Notice to Proceed, after the Pre-Construction Meeting, and will complete the project without delay in accordance with the Contract Documents and Specifications.
5. If their Bid Proposal is **accepted, they will complete the said work within one hundred fifty (150) calendar days after receiving the Notice to Proceed**, and tax exemption forms will be issued at the pre-construction meeting held in May of 2016, and that should they fail to complete the work in the time specified or such additional time as may be allowed by the Engineer under the Contract, the amount of liquidated damages to be recovered shall per the Agreement of Services.
6. The Bid Proposal is firm for 90 days from the bid opening date.
7. Bidder understands and will comply with all terms and conditions of these Bid Documents, the City-Contractor Agreement, and the Contract Documents and Specifications and any subsequent award or contract.
8. Bid bond required if total bid price exceeds \$50,000.00: The bid bond (5% of bid amount) submitted with this Bid Proposal is from a surety that is authorized to do business in the State of Missouri and is authorized to issue bonds in the State of Missouri.

**Anticipated Work Areas
2016 Slab Replacement Project “B”**

<i>Street</i>	<i>From</i>	<i>To</i>	<i>Work</i>
Silo Bend Drive	Golf Club Drive	Golf Club Drive	Selective Replacement
Silo View Drive	Silo Bend Drive	Silo Bend Drive	Selective Replacement
Silo Summit Court	Silo View Drive	Cul-de-Sac	Full Replacement
Silo Court	Silo View Drive	Cul-de-Sac	Full Replacement
Silo Valley Drive	Silo Bend Drive	Silo Bend Drive	Selective Replacement
Devonshire County Drive	Golf Club Drive	Green Summit Drive	Selective Replacement
Woodacre Court	Cul-de-Sac	Devonshire County Drive	Selective Replacement
Fairway Valley Drive	Devonshire County Drive	Hartford Valley Drive	Selective Replacement
Wessex Court	Cul-de-Sac	Westwind Summit Drive	Selective Replacement
Balmoral Castle Court	Cul-de-Sac	Westwind Summit Drive	Selective Replacement
Westwind Summit Drive	Fairway Valley Drive	Wind Creek Drive	Selective Replacement
Wind Creek Drive	Fairway Valley Drive	Hartford Valley Drive	Selective Replacement
Columbus Drive	Interstate Drive	Chesterfield Drive	Selective Replacement
New Richmond Drive	Carrollton Drive	Columbus Drive	Full Replacement
Carrollton Drive	Columbus Drive	New Richmond Drive	Selective Replacement
Heritage Parkway	Van Buren Drive	Savannah Terrace	Full Replacement
Big Bend Drive	Grand Canyon Drive	Linville Court	Selective Replacement
Quail Bluff Manor Drive	Quail Ridge Parkway	Parkview Manor Court	Selective Replacement
Milton Brennan Manor Court	Cul-de-Sac	Parkview Manor Drive	Selective Replacement
Parkview Manor Drive	Heather Ridge Manor Court	Quail Bluff Manor Drive	Selective Replacement
THF Drive	Wentzville Parkway	May Road	Selective Replacement

**BID FORM
2016 Slab Replacement Project "B"**

Item No.	Estimated Quantity	Unit	Description	Unit Price	Total Price
1.	22,000	SY	7" Portland Cement Concrete Pavement-TBR&R		
2.	230	SY	8" Portland Cement Concrete Pavement with Baskets		
3.	170	LF	2' Curb and Gutter		
4.	480	SY	4" Portland Cement Concrete Sidewalk – TBR&R		
5.	600	CY	Over-excavation		
6.	1200	LF	Type "A2" Expansion Joints		
7.	27	EA	Underdrains		
8.	26	EA	ADA Compliant Curb Ramp		
9.	1	EA	Pavement Lug		
10.	1	SY	7" High Early Portland Cement Concrete Pavement-TBR&R		
11.	150	DAYS	25 MPH Traffic Control		
12.	1	LS	Protection & Restoration		

Total Bid: \$ _____

Indicate below all Addenda received on which the above Invitation for Bid is based

Addendum No. _____ Dated: _____
 Addendum No. _____ Dated: _____
 Addendum No. _____ Dated: _____

The Contractor understands and agrees that by signing the Invitation for Bid the Bidder is certifying that Contractor employs only personnel authorized to work in the United States in accordance with applicable federal and state laws. This certification applies to State of Missouri Immigration Alien Laws and statutes required local government(s) to have proof of a person's lawful presence within the United States before distributing "Public Benefits" (contracts, purchase orders, etc.) to that Bidder.

Name of Bidder: _____

Indicate whether () Individual; () Partnership; () Corporation, Incorporated
in the State of _____.

Signature: _____

Name (Printed): _____

Title: _____

Business Address: _____

City: _____

State: _____ Zip: _____

Telephone No: _____ Fax No: _____

State Charter #: _____

E-mail address: _____

ATTEST: _____
Title Dated

Attach Corporate Seal, if Applicable

Enclosures: Exhibit A – Bid Proposal Form
Exhibit B - Non-Collusive Affidavit
Exhibit C – Subcontractor Form
Bid Security of 5% of Bid Amount if Bid Amount exceeds \$50,000



**EXHIBIT B
AFFIDAVIT OF NON-COLLUSION (PRIME BIDDER)**

State of _____)
S.S.
County of _____)

_____, being first duly sworn, deposes and says that:

1. They are the (owner, partner, officer, representative, or agent) of _____, the Bidder that has submitted the attached Bid;
2. They are fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
3. Such bid is genuine and is not a collusive or sham bid; and that all statements made and fact set out in the Invitation for Bid are true and correct;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest including this affidavit, has in any way colluded, considered, connived, or agreed, directly or indirectly with any other bidder, firm, or person, to submit a sham bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract; or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other bidder, firm, or person to fix the price or prices in the attached Bid or of any other bidder, or to fix the overhead, profit, or cost element of the Bid price of the other bidder, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the City of Wentzville or any person interested in the Proposed Contact.
5. The price or prices quoted in the attached Bid are fair and proper, and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit; and
6. They further certify that bidder is not financially interested in or financially affiliated with any other Bidder on this project.

Signed: _____

Title:

Subscribed and sworn to before me this _____ day of _____, 201 6.

Notary Public

My Commission expires: _____

EXHIBIT C
IFB # 16-041 SLAB REPLACEMENT PROJECT "B" 2016
SUBCONTRACTOR FORM

This form must accompany and be part of your sealed bid response.

Name of Bidder: _____

The above referenced Bidder intends to subcontract for materials, services, supplies, specialty contractors, etc. as follows:

Subcontractor Name	Address (Street, City, State)	Nature of Participation	Dollar Value of Subcontract

Presented as Sample Enclosure
CITY - CONTRACTOR AGREEMENT
SLAB REPLACEMENT PROJECT "B" 2016

Contract # _____

This CITY-CONTRACTOR AGREEMENT (this "Agreement"), is made and entered into as of this ____ day of _____, 2016, by and between _____, a _____ having a principal office at _____ (the "Contractor"), and the City of Wentzville, a Missouri municipal corporation located in St. Charles County (the "City"). *All capitalized terms used and not defined herein shall have the meanings ascribed to them in the Contract Documents (as hereinafter defined).*

RECITALS

A. In response to Invitation for Bid # 16-041 of the City requesting bid Bids for Slab Replacement Project " B" 2016, the Contractor has submitted a certain bid in accordance with the Bid Documents to perform the Services.

B. After due consideration, the City has accepted the bid of the Contractor and the parties hereto desire to enter into this Agreement whereby the Contractor shall undertake the performance of the Services in accordance with the Contract Documents and the City shall pay the Contractor as hereinafter specified.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing recitals and of the mutual promises hereinafter set forth the City and the Contractor hereby agree as follows:

1. **Contract Documents:** This Agreement shall consist of: (i) Invitation for Bid # 16-041 including, without limitation:
 1. Invitation for Bids
 2. Bid and Bid Proposal-Exhibit A (submitted by Contractor)
 3. Affidavit of Non-Collusion Form – Exhibit B
 4. Subcontractor Form - Exhibit C
 5. E-Verify Memorandum of Understanding with Electronic Signatures
 6. Affidavit of Participation in Federal Work Authorization Program Form
 7. City-Contractor Agreement (executed by City and Contractor)
 8. General Conditions
 9. Notice of Award (issued by City)
 10. Notice to Proceed (issued by City)

and shall also include any exhibits to the above documents, any addenda issued prior to receipt of bids, any duly-issued modifications, and all other documents contained or specified within the specifications, details or job special provisions, as such may be on file in the office of the Procurement Department and Office of the

City Clerk of Wentzville, Missouri (all of the foregoing collectively referred to as the "Contract Documents" are hereby incorporated in this Agreement by reference). When any provision(s) of the Contract Documents conflict, the provision(s) most advantageous to the City shall govern.

2. **Payment:** Contractor shall be paid for the quantities placed per the amount quoted on the Bid Proposal Form Exhibit A, and per the Methods of Measurement and Payment. The Contractor shall submit all invoices **complete with necessary support documentation** to the City and the City shall make payment within 30 days of receipt of an invoice after satisfactory performance of the delivery and receipt of the services as shown on the Bid Proposal Form Exhibit A. Payment Terms: net 30 days. Remit Address is Accounts Payable, 5 W. Pearce Blvd., Wentzville, MO 63385.
3. **The Work/Contract Sum.** The Contractor shall furnish all labor, materials, tools, equipment and services, and perform and complete the Work required for the Project in accordance with this Agreement which shall include provision of every item specified in the Contract Documents necessary to complete the Project as designed. The Contract Sum is \$ _____, which shall include all compensation to Contractor due for the Work, which shall include all such work within the Base Bid and additionally all such Work within selected Alternate Bids. Any additional Work not within the Base Bid and Alternate Bids that is hereinafter approved by the City in writing shall be incorporated into the contract pursuant to a Change Order.
4. **Time of Completion:** Contractor shall commence work under this Agreement within five (5) days of receipt of written notice from the City to proceed and shall fully complete all items of the Work within the time set forth in the Contract Documents. The parties understand that time is of the essence and that the rate of progress and prompt completion are essential conditions, and that in the event the Work is not fully completed within the period provided herein, the Contractor shall pay to the City the sums provided in the Contract Documents.
5. **Guaranty:** The Contractor hereby expressly guarantees the aforesaid Work as to workmanship and quality of materials used in connection herewith for a term of one (1) year, commencing on the date of Final Acceptance by the City, and binds itself, its successors or assigns, to make all repairs or replacements which may become necessary within said period due to construction defects and nonconformity with the Contract Documents. Whenever notified by the City that said repairs or replacements are required, the Contractor shall at once make the same as directed at its own expense. If the Contractor does not proceed with such repairs or replacements within five (5) days after receipt of written notice, the City may use (and the Contractor agrees and consents to such use) the Maintenance Bond, according to the terms thereof, to make any necessary repairs or replacements to any portion of the Work. Upon expiration of the one (1) year guaranty period, the City shall release the Maintenance Bond, less any amounts reasonably necessary to remedy any of the Contractor's performance and/or maintenance obligations under this Agreement that may still be outstanding at the time of expiration of the guaranty period.

6. **Payment Bond:** If the Contractor's Bid is in excess of \$50,000, the Contractor shall furnish within ten (10) calendar days of notification of contract award a satisfactory Payment Bond in the full amount of the Contract Sum. The Payment Bond furnished shall meet all requirements of Section 107.170 of the Revised Statutes of Missouri, as amended, and shall guarantee the payment of any and all materials, incorporated, consumed or used in connection with the construction of such work, and all insurance premiums, both for compensation, and for all other kinds of insurance, said work, and for all labor performed in such work whether by subcontractor or otherwise, including payment of prevailing wage requirements of the State of Missouri.

7. **Performance Bond:** If the Contractor's Bid is in excess of \$50,000, the Contractor shall furnish within ten (10) calendar days of notification of contract award a satisfactory Performance Bond in the full amount of the Bid based on the bid quantities listed on the Bid Proposal form. The Performance Bond furnished shall guarantee the faithful performance of this Contract.

8. **Maintenance Bond:** Upon Final Acceptance the Contractor shall furnish a satisfactory Maintenance Bond in the amount of 10% of the final Contract Sum after any and all Change Orders and/or formal amendments. The Maintenance Bond shall be in full force for a one (1) year guarantee period from the date of Final Acceptance.

9. **Independent Contractor**. The Contractor shall be and operate as an independent Contractor in the performance of this Agreement. The Contractor shall have complete charge of the personnel engaged in the performance of the Services, and all persons employed by the Contractor shall be employees of said Contractor and not employees of the City in any respect.

10. **Contractor's Liability Insurance.** The Contractor shall obtain and maintain during the term of the Project and the City Contractor Agreement the insurance coverage's at least equal to the coverage's set forth in this paragraph 10, and as further provided in the General Conditions, but no event less than the individual and combined sovereign immunity limits established by Section 537.610 R.S.Mo. Insurance policies providing required coverage's shall be with companies licensed to do business in the State of Missouri and rated no less than AA by Best or equivalent. All costs of obtaining and maintaining insurance coverage's are included in the Bid Amount and no additional payment will be made therefor by the City:

Comprehensive General Liability Insurance (including coverage for Bodily Injury and Property Damage)	\$1,000,000 per occurrence \$2,735,000 aggregate
Comprehensive Automobile Liability Insurance (including coverage for Bodily Injury and Property Damage)	\$1,000,000 per occurrence

Employer's Liability	\$1,000,000 bodily injury by accident (each accident) \$1,000,000 bodily injury by disease (each employee) \$1,000,000 bodily injury policy limit
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In addition, the Contractor and all subcontractors shall provide Worker's Compensation Insurance in at least statutory amounts for all workers employed at the Project site. The Contractor shall also provide a policy of Builder's Risk Insurance in the amount of 100% of the complete insurable value of the Project, which policy shall protect the Contractor and the City, as their respective interests shall appear.

Before commencing any work, the Contractor shall provide to the City certificates of insurance evidencing the issuance and maintenance in force of the coverage's required by this paragraph 10. Each such certificate shall show the City, and such other governmental agencies as may be required by the City to be insured by underlying grant or contract relating to the Project, as an additional insured, on a primary and non-contributory basis, and shall bear an endorsement precluding cancellation of or change in coverage without at least thirty (30) days written notice to the City.

The City may waive any insurance coverage's or amounts required by this paragraph 10 when the City deems such waiver to be in the interest of the public health, safety, and general welfare.

11. **Indemnification:** To the fullest extent permitted by law, the Contractor agrees to defend with counsel approved by the City, and indemnify and hold harmless the City, its officers, engineers, representatives, agents and employees from and against any and all liabilities, damages, losses, claims or suit, including costs and attorneys' fees, for or on account of any kind of injury to person, bodily or otherwise, or death, or damage to or destruction of property, or money damages, or trespass, or any other circumstances, sustained by the City or others, arising from the Contractor's breach of the Contract or out of services or products provided by the Contractor or its subcontractors under the terms of this agreement. The Contractor shall not be liable for any loss or damage attributable solely to the negligence of the City. To the extent required to enforce this provision, the Contractor agrees that this indemnification requires the Contractor to obtain insurance in amounts specified in the Contract Documents and that the Contractor has had the opportunity to recover the costs of such insurance in the compensation set forth in this Agreement.

In any and all claims against the City or any of its agents or employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any one of them or anyone for whose acts any of them may be liable, this indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

12. **Attorney Fees' and Costs:** The Contractor shall reimburse to the City any costs and attorneys' fees that the City may reasonably incur in pursuit of any remedies at law or equity or enforcement of any rights established in this Agreement, which may result from the Contractor's breach of the Agreement, the Contractor's failure to perform any obligation or requirement contained herein, or the City's enforcement of this Agreement.

Liquidated Damages: The Contractor agrees and acknowledges that time is of the essence of this Agreement and that delay in the project becoming Available for Use, in Project Closeout, and in Final Acceptance will inconvenience the public and increase administrative costs of the City, the costs of which the Contractor and the City are incapable of ascertaining at this time. Should the Contractor, or in the case of Contractor's default, the surety, fail to complete the Work and/or receive Final Acceptance within the times stipulated in this Agreement, or within such extensions of time as may be allowed by the City in the manner set forth in the Contract Documents, the Contractor (or surety, as applicable) shall pay to the City as liquidated damages, and not as a penalty, the sum of **Five Hundred Dollars (\$500.00)** for each calendar day that the Work remains incomplete, plus **Two Hundred Dollars (\$200.00)** for each calendar day of delay beginning fifteen (15) days after each due date listed in the General Conditions paragraphs 8.01.3 and 8.01.4 that Work and Final Closeout Documents (including Maintenance Bond and Final Lien Waivers) remain incomplete. In the sole discretion of the City, the amount of the liquidated damages may be deducted from any money due the Contractor under this Agreement. Permitting the Contractor to finish the Work or any part thereof after the expiration of the time for completion or any approved extension, shall in no way operate as a waiver of the City of any of rights under this Agreement.

13. **Termination:** The City shall have the right to terminate this Agreement at any time for any reason by giving the Contractor written notice to such effect. The City shall pay to the Contractor in full satisfaction and discharge of all amounts owing to the Contractor under this Agreement an amount equal to the cost of all Services performed by the Contractor up to such termination date, less all amounts previously paid to the Contractor on account of this Agreement Price. The Contractor shall submit to the City its statement for the aforesaid amount, in such reasonable detail as the City shall request, within thirty (30) days after such date of termination. The City shall not be liable to the Contractor for any damages on account of such termination for loss of anticipated future profits with respect to the remainder of the Services.

14. **Compliance with Federal, State and Local Law:** The Contractor shall comply with all applicable federal, state and local law requirements for performance under this Agreement. The Contractor shall abide by all health and environmental requirements imposed by law in performance of its duties.

15. **Prevailing Wage:** The Contractor shall be required to comply with all applicable provisions concerning the payment of prevailing wages on public works projects, as provided in the General Conditions. A copy of the applicable Annual Wage Order and Incremental Increases for each occupational title required under this project is included in the Bid Documents and shall be included in the Contract Documents.

16. **Required OSHA Training:** Pursuant to Section 292.675 RSMo., Contractor shall require all on-site employees to complete the ten-hour training program as required under Subsection 292.675.2 RSMo. This program shall be provided by Contractor and shall be a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program for Contractor's on-site employees which includes a course in construction safety and health approved by OSHA or a similar program approved by the Missouri Department of Labor and Industrial Relations ("MoDOLIR") which is at least as stringent as an approved OSHA program. All employees are required to complete the program within sixty days of beginning work under this Agreement. Contractor shall further require all subcontractors under Contractor to provide the ten-hour training program required under Subsection 292.675.2 RSMo. to such subcontractors' on-site employees. On-site employees who have previously completed such ten-hour training program must hold documentation of prior completion of the program.

Notice is hereby given to Contractor that it shall be subject to the penalties set forth in Subsection 292.675.4 RSMo. and such penalties shall be forfeited to the City pursuant to such Subsection. MoDOLIR shall investigate any claim of violation of Section 292.675 RSMo. Upon City's receipt of notification from MoDOLIR of violations of 292.675 by Contractor and a determination by MoDOLIR that penalties shall be assessed for such violations, the City shall withhold and retain from the contract all sums and amounts due and owing to the City as a result of any violation of Section 292.675 RSMo. All words in this paragraph shall have the definitions as provided in Section 292.675.1 RSMo.

17. **Taxes:** The City is exempt from federal excise tax and Missouri sales tax and the Contractor shall not charge the same to the City and shall comply in all respects with the Special Sales Tax Provisions of the General Conditions.
18. **Other Representations, Warranties and Other Covenants by the Contractor:** The Contractor represents and warrants that the Contractor has been engaged in such work as is required for the Services and has provided services such as the ones to be performed under this Agreement to other municipalities and/or private enterprises and that the Contractor has sufficient expertise, knowledge, information and data, and engages sufficient personnel to perform the Contractor's obligations under this Agreement. The Contractor further represents and warrants that the Contractor is an equal opportunity employer. The Contractor agrees that the Contractor shall not use in any form or medium the name of the City for any advertising unless the Contractor receives the prior written consent of the City.
19. **Amendment; Waiver:** No amendment, modification or waiver of any provision of this Agreement shall be effective unless in writing signed by an authorized representative of the party against whom such provision as amended or modified or such waiver is sought to be enforced. Failure to insist upon strict compliance with any of the terms or conditions of the Agreement shall not be deemed a waiver of such term or condition.

20. **Accounting.** During the period of this Agreement, the Contractor shall maintain books of accounts of its expenses and charges in connection with this Agreement in accordance with generally accepted accounting principles and practices. The City shall at reasonable times have access to these books and accounts to the extent required to verify all invoices submitted hereunder by the Contractor.

21. **Compliance with State Immigration Statutes.** As a condition for the award of this Agreement, the Contractor shall, by sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the Services. The Contractor shall also sign an (Affidavit of Participation in Federal Work Authorization Program) affirming that it does not knowingly employ any person who is an unauthorized alien in connection with the Services. The Contractor shall not be required to provide these affidavits to the City if such affidavits have been previously provided to the City within the past year. All words in this paragraph shall have the definitions as provided in Section 285.525 R.S.Mo.

22. **Governing/Choice of Law; Jurisdiction.** This Agreement shall be governed by and construed and interpreted in accordance with the internal laws of the State of Missouri, without regard to its principles of conflict of laws, and shall be deemed to be executed and performed in the County of St. Charles, Missouri. Any legal action arising out of, or relating to this agreement, shall be governed by the laws of the State of Missouri, and the parties agree to the exclusive jurisdiction and venue over them by a court of competent jurisdiction located in the County of St. Charles, Missouri, or the U.S. District Court for the Eastern District of Missouri.

23. **Headings:** The paragraph and section headings contained herein are for convenience only and are not intended to limit, vary, define or expand the content thereof.

24. **Representations.** Contractor agrees that it has not relied on any representations or warranties of the City, oral or written, other than expressly identified in this Agreement. The parties agree this Agreement represents the entire agreement between the parties.

25. **Severability:** The invalidity or unenforceability of any portion or provision of this Agreement shall not affect the validity or enforceability of any other portion or provision of this Agreement, which shall remain in full force and effect to the maximum extent permitted by law.
26. **Counterparts:** This Agreement may be executed in one or more counterparts each of which shall be deemed an original and all of which shall constitute one and the same agreement.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed as of the day and year first above written.

CONTRACTOR

CITY OF WENTZVILLE, MISSOURI

Signature

Nickolas Guccione, Mayor

Title

ATTEST:

Address

City Clerk

City, State, Zip

Date

Date



GENERAL CONDITIONS

SECTION 1 DEFINITIONS

- 1.01 Available for Use (Substantial Completion):** The stage in the progress of the Work when the Work is sufficiently complete so that the City can occupy or use the Work for its intended use. The date on which a Project is deemed Available for Use is in the sole discretion of the City.
- 1.02 Change Order:** A written order to the Contractor signed by the City, issued after the execution of the Contract, authorizing a change in the Work or an adjustment in the Contract Sum or the Construction Schedule.
- 1.03 City:** City of Wentzville. The City is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term City means the City or its authorized representative. The City may be alternatively referred to as the "Owner."
- 1.04 Contract:** The Contract Documents form the Contract. The Contract represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations or agreements, both written and oral, including the bidding documents. The Contract may be amended or modified only by a Modification as defined in Section 1.02.
- 1.05 Contract Documents:** Contract Documents shall include all those documents identified as the Contract Documents in the City-Contractor Agreement. The Contract Documents shall include any and all modifications as defined as (1) a written amendment to the Contract signed by both parties, or (2) an executed Change Order.
- 1.06 Contract Sum:** The total amount payable by the City to the Contractor for the performance of the Work as stated in the City-Contractor Agreement.
- 1.07 Contract Time/Contract Days:** Period of time allotted in the Contract Documents for completion of the Work. Said work shall include all punch list items deemed necessary by the City, exclusive of punch list items generated by any public authority having jurisdiction other than the City. The date of completion of the Contract shall be the date when all work including City punch list items have been approved in writing by the City.
- 1.08 Contractor:** The Contractor is the successful bidder awarded the work of constructing the project identified as such in the City-Contractor Agreement. The Contractor is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term Contractor means the Contractor or his authorized representative(s).
- 1.09 Date of Commencement of the Work:** Date established in the written Notice to Proceed on which the Contractor is to begin prosecution of the Work.
- 1.10 Day:** Calendar day.
- 1.11 Director:** Director of Public Works of the City of Wentzville, or his/her authorized representative(s)

- 1.12 Final Acceptance:** Written notice from the City to the Contractor stating that the Project including all Work, any deficiencies as outlined in the Final Inspection, and all Project Closeout items and activities have been completed and the City accepts the Project.
- 1.13 Final Inspection:** Inspection performed and provided by the City to the Contractor upon the Contractor's request and based upon his determination that the Project is Available for Use.
- 1.14 Final Payment:** Last payment made to the Contractor, typically retainage due, upon Final Acceptance of the Project.
- 1.15 Notice to Proceed:** Written notice from the City notifying the Contractor of the date on or before which he is to begin prosecution of the work.
- 1.16 Project:** The total construction of which the Work performed under the Contract Documents may be the whole or a part.
- 1.17 Project Closeout:** The time period of the Work after Available for Use when the Work and all administrative requirements have been or are being completed in their entirety. The Project Closeout period is typically 60 days.
- 1.18 Removal:** Removal of material and disposal of said material off-site.
- 1.19 Specifications:** City of Wentzville Construction Specifications and Standard Details, latest edition, unless otherwise specified.
- 1.20 Subcontractor:** A Subcontractor is a person or organization who has a direct contract with the Contractor to perform any of the Work. The term Subcontractor is referred to throughout the Contract Documents as if singular in number and masculine in gender and means a Subcontractor or his authorized representative.
- 1.21 Sub-subcontractor:** A Sub-subcontractor is a person or organization who has a direct or indirect contract with a Subcontractor to perform any of the Work. The term Sub-subcontractor is referred to throughout the Contract Documents as if singular in number and masculine in gender and means a Sub-subcontractor or an authorized representative thereof.
- 1.22 Work:** All labor necessary to complete the construction required by the Contract Documents, and all materials and equipment incorporated or to be incorporated in such construction.

SECTION 2 CONTRACT DOCUMENTS

2.01 Execution, Correlations, Intent, and Interpretations

2.01.1 The Contract Documents shall be signed by the City and Contractor.

2.01.2 The Contractor represents that he has visited the site, familiarized himself with the local conditions under which the Work is to be performed, and correlated his observations with the requirements of the Contract Documents.

2.01.3 The Contract Documents are complementary and what is required by any one shall be as binding as if required by all. The intention of the Contract Documents is to include all labor, materials, equipment and other items necessary for execution and completion of the Work. Words which have well-known technical or trade meanings are used herein in accordance with such recognized meanings.

2.02 Copies Furnished and Ownership

2.02.1 Unless otherwise provided in the Contract Documents, the Contractor will be furnished a maximum of five (5) copies, free of charge, of the Drawings and Specifications, if any, for the execution of the work.

2.02.2 Any Drawings, Specifications and copies thereof furnished by the City are and shall at all times remain property of the City. Such documents shall not be used on any other project. At the conclusion of the job, the Contractor shall submit one (1) set of drawings and specifications marked up throughout the course of work with any and all field changes.

2.03 Interpretation of Quantities in Bid Schedule

The quantities appearing in the bid schedule are approximate only and are prepared for the comparison of bids. Payment to the contractor will be made only for the actual quantities of work performed and accepted in accordance with the contract. The scheduled quantities of work to be done and materials to be furnished may each be increased, decreased, or omitted as herein after provided. These extensions shall be totaled and in case of errors or discrepancies in extensions, the unit prices shall govern.

SECTION 3 CITY

3.01 City's Right to Access and Observation

The City shall have access at all times to the Project for the purpose of observation and inspection. The Contractor shall provide proper and adequate facilities, specialized, tool and equipment for such access and observation.

3.02 City's Right to Stop Work

If the Contractor fails to correct defective Work or fails to supply materials or equipment in accordance with the Contract Documents, the City may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated.

3.03 City's Right to Carry Out the Work

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents, or fails to perform any provision of the Contract, the City may, after written notice to the Contractor and without prejudice to any other remedy the City may have, make good such deficiencies. In such case an appropriate Change Order shall be issued deducting from the payments then or hereafter due the Contractor the cost of correcting such deficiencies. If the payments then or thereafter due the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the City promptly upon request.

3.04 City's Right to Award Separate Contracts

The City's reserves the right to award other contracts on other terms and conditions with other portions of the Project.

3.05 City's Right to Clean Up

If a dispute arises between separate contractors as to their responsibility for cleaning up as required by Section 4.08, the City may clean up and charge the cost thereof to the several contractors.

3.06 Status of the Director

The Work shall be subject at all times to the supervision and direction of the Director. To prevent disputes and litigation, it is mutually agreed that the Director shall, in all cases, determine the amount or quantity of the various kinds of work, and the quality of materials and workmanship to be paid for under this Contract, and he shall decide all questions which may arise relative to the performance of the work covered by the Contract. Any doubt as to the meaning of the Contract and any obscurity or discrepancy as to their working and intent will be explained by the Director, and this explanation shall be final and binding by both parties of this Contract. The Director may amend or correct any errors or omissions in the Specifications when such amendments or corrections are necessary to make definite the intent indicated by a reasonable interpretation of the Contract.

3.07 Authority of the Engineer

The engineer will decide all questions that may arise as to the quality, quantity, and acceptability of material furnished and the work performed, and as to the rate of progress of the work; all questions that may arise as to the interpretation of the plans and specification; all questions of classification; the power of compensation of the performance or breach of the contract; and all claims or controversies of any character whatsoever in connection with or growing out of the construction, whether claimed under the contract, under force account, under quantum merit or otherwise. The engineer's estimates and decisions shall be final, binding and conclusive upon all parties to the contract.

3.08 Authority and Duties of Inspector

As the immediate representative of the City, the Inspector has direct charge of the delivery of work and is delegated commensurate authority for the administration of the project. The Inspector may reject defective material and suspend and reject any work that is being improperly performed. The Inspector will have no authority to modify the contract except in accordance with the contract documents or when expressly authorized by the Engineer.

SECTION 4 CONTRACTOR

4.01 Supervision and Construction Procedures

4.01.1 The Contractor shall supervise and direct the Work, using his best skill and attention. He shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work.

4.01.2 All Work shall be in accordance with the Contract Document and Specifications

4.01.3 The contractor shall have at the work site at all times, as the contractor's agent, a competent individual capable of reading and thoroughly understanding the plans and specifications and thoroughly experienced in the type of work being performed, whom shall receive instructions from the engineer. That individual shall have full authority to execute orders or directions of the engineer without delay and to promptly supply material, equipment, tools, labor and incidentals as may be required.

4.02 Labor and Materials

4.02.1 Unless otherwise specifically noted, the Contractor shall provide and pay for all labor, materials, equipment, supplies, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of the Work.

4.02.2 The Contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the Work any unfit person or anyone not skilled in the task assigned to him. If the City reasonably objects to any person employed by the Contractor, the employee shall be immediately dismissed.

4.02.3 The labor provided by the Contractor shall be directed to be a workman like character with respect to the methods of construction and quality of completed work; and, shall not encumber the premises or adjacent property or streets with materials and/or equipment.

4.02.4 The Contractor shall comply with, and is bound by, the provisions of Missouri law pertaining to the payment of wages on public works projects contained in Sections 290.210 through 290.340 RSMo., and any amendments thereto, including, but not limited to the following:

4.02.4.1 In accordance with Section 290.250 RSMo., as amended, the Contractor shall not pay less than the prevailing hourly rate of wages specified by the Missouri Department of Labor and Industrial Relations Division of Labor Standards to all workmen performing Work under the Contract.

4.02.4.2 In accordance with 290.250 RSMo., as amended, the Contractor shall forfeit as a penalty to the City one hundred dollars (\$100.00) for each workman employed for each calendar day, or portion thereof, such workman is paid less than the said stipulated rates for any Work done under the Contract, by him or by any Subcontractor under him and shall include provisions in all bonds guaranteeing the faithful performance of said prevailing hourly wage clause.

4.02.4.3 In accordance with 290.265 RSMo., as amended, the Contractor and each Subcontractor shall post a clearly legible statement of all prevailing hourly wage rates to be paid to all workmen employed to complete the Work in a prominent and easily accessible place at the site of the Work and such notice shall remain posted during the full time that any workmen shall be employed at the Work.

4.02.4.4 Certified payrolls shall also be submitted prior to final payment for all work completed by the Contractor or Subcontractors.

4.02.4.5 In accordance with Section 290.290 RSMo., as amended, before final payment is made an affidavit must be filed by the Contractor stating that he has fully complied with the prevailing wage law. No payment shall be made unless and until this affidavit is filled in proper form and order.

4.02.5 The Contractor shall execute and complete the Work in such a manner that avoids jurisdictional and other disputes among labor unions.

4.02.6 Except as otherwise required by law, during a period of excessive unemployment in the State of Missouri, the Contractor shall employ only Missouri laborers and laborers from nonrestrictive states on the Project, as provided in Sections 290.550 to 290.580 RSMo.

4.02.7 If the Contract Documents have indicated that the Project is financed in whole or in part from Federal funds, then this Contract shall be subject to all applicable federal statutes, rules and regulations, including provisions of the Davis-Bacon Act, 40 U.S.C. §3141 et seq., and the "Federal Labor Standards Provisions," incorporated into this Contract. Where the Missouri Prevailing Wage Law and the Davis-Bacon Act require payment of different wages for work performed under this Contract, the Contractor and all Subcontractors shall pay the greater of the wages required under either law.

4.02.8 The Contractor shall employ only personnel authorized to work in the United States in accordance with applicable federal and state laws. This certification applies to State of Missouri Immigration Alien Laws and statutes required local government(s) to have proof of a person's lawful presence within the United States before distributing "Public Benefits" (contracts, purchase orders, etc.) to that Bidder.

4.03 Warranty

The Contractor warrants to the City that all materials and equipment furnished under the Contract and incorporated in the Work will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All Work not so conforming to these standards shall be considered defective. The Contractor shall furnish satisfactory evidence as to the kind and quality of all materials and equipment and shall guaranty the Work as provided in the City Contractor Agreement after substantial completion of the work.

4.04 Permits, Fees, Easements, Construction Limits and Notices

4.04.1 The Contractor shall secure and pay for all permits, governmental fees, and licenses necessary for the proper execution and completion of the Work, including those required to be obtained from the City, except fees imposed solely by the City shall be waived at the time of application.

4.04.2 For the purposes of operating and maintaining the Project, the City shall acquire the necessary lands, easements and rights-of-way privileges required for the same. The Contractor shall furnish and construct any necessary access roads or facilities.

4.04.3 The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations and orders of any public authority bearing on the performance of the Work. If the Contractor observes that any of the Contract Documents are at variance therewith in any respect, he shall promptly notify the City in writing and any necessary changes shall be adjusted by appropriate Modification. If the Contractor performs any Work knowing it to be contrary to such

laws, ordinances, rules and regulations and without such notice to the City, the Contractor shall assume full responsibility therefor and shall bear all costs attributable thereto.

4.04.4 The construction limits consist of public areas and acquired easement areas, as shown in the Contract Documents. The Contractor shall limit his operations accordingly. No activity outside the public areas or easement areas shall be performed without the express written permission of the property owner.

4.04.5 The Contractor shall notify in writing all residents whose property is affected by the Work at least forty-eight (48) hours prior to commencement of any operation that will affect the residents' property. The City, before commencement of work on the Project, shall review and approve the form of all such notices.

4.05 Superintendent

4.05.1 The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance on the Project site at all times during the progress of all work for the duration of the total project.

4.05.2 This person shall be a non-working superintendent who will be responsible for the satisfactory progression of the work and to ensure that all work is being completed in accordance with the plans and specifications. He is also to relay any conflicts or discrepancies that arise in the plans to the City's representative for resolution or interpretation.

4.05.3 The name of the person selected as superintendent and his qualifications shall be submitted and shall be approved in writing by the City. The superintendent shall not be changed except with the written consent or at the request of the City. The superintendent shall represent the Contractor and all communications given to the superintendent shall be as binding as if given to the Contractor.

4.05.4 The superintendent shall be the contact person whom the City will contact in the event of after-hours and weekend emergencies and the Contractor shall provide the City with the superintendent's contact information for such purpose.

4.06 Responsibility for Those Performing the Work and for the Work

4.06.1 The Contractor shall be responsible to the City for the acts and omissions of all his employees, all Subcontractors, and suppliers their agents and employees and all other persons performing any of the Work under a contract with the Contractor.

4.06.2 The Contractor shall at all times employ sufficient labor and equipment for prosecuting the work to full completion in the manner and time required by these specifications. All workmen shall have sufficient skill and experience to perform properly the work assigned to them.

4.06.3 Prior to the completion of the work by the Contractor and the acceptance thereof by the Owner, the work shall remain at the risk of the Contractor; and said Contractor shall be required to repair, replace, renew, and make good, at his own expense, all damages caused by force, vandalism, or violence of the elements or any other cause whatsoever provided; however, that in such cases the contractor shall be entitled to a reasonable extension of time which to complete said work. In case of suspension of work from any cause whatever, the Contractor shall be responsible for the project and shall take such precautions as may be necessary to prevent damage to the project, for normal drainage, and shall erect any necessary warning signs or barricades at his expense. The Contractor shall properly and continuously maintain the roadway for local traffic.

4.07 Drawings and Specifications at the Site

4.07.1 The Contractor shall maintain at the site for the City one copy of any Drawings, Specifications, Addenda, approved Shop Drawings, Change Orders and other Modifications, in good order and marked to record all changes made during construction.

4.07.2 The Drawings, marked to record all changes made during construction, shall be delivered to the City upon completion of the work. The Contractor shall also maintain on the project site a survey level, legs, and rod at all times, which are deemed adequate by the City.

4.08 Cleaning Up

4.08.1 The Contractor shall at all times keep the premises free from accumulation of waste materials, rubbish, and debris caused by his operations. The Contractor shall not "stockpile" any material on the jobsite and all excavated material shall be hauled off the site at the time of excavation.

4.08.2 Stockpiling of materials delivered and used on the same day will be allowed if all materials are in place or removed at the end of the day. Prior to final payment, Contractor shall restore and replace the surfaces of the project area to match the conditions existing prior to the work.

4.08.3 The Contractor shall be responsible for keeping clean, i.e. free from mud, dirt, rock, and debris at all times all City streets used by the Contractor in connection with the Work and the Project. Should any accumulation be deemed excessive, the City may direct the Contractor to thoroughly wash or remove the debris from the street at no cost to the City.

4.08.4 The Contractor shall make satisfactory arrangements to store material and equipment after delivery and during construction off of the City right-of-way. The City will assume no responsibility for these arrangements.

4.09 Utilities

4.09.1 Interference with Existing Water and Sewer Services and Mains

4.09.1.1 The Contractor shall minimize the outage of water and sewer service to residents. The cutting off of water and sewer service shall be only with the consent of the City. The Contractor shall notify the City and have their approval prior to commencing work on each water or sewer main or connection item.

4.09.1.2 The Contractor shall conduct his work in such a manner as not to endanger existing water or sewer mains, services or appurtenances. Mains and services shall be adequately supported where they cross or are adjacent to the excavation. The Contractor shall bear the cost of all repairs to water or sewer mains or appurtenances damaged because of his own carelessness or neglect.

4.09.1.3 When it becomes necessary to shut down any existing water or sewer main, a representative of the City shall be present during this operation. The total time for the main to be shut down should be held to a minimum and in no case shall any customer be without water or sewer service for more than eight (8) hours. The Contractor shall notify each water or sewer customer whose water or sewer service will be interrupted at least one hour prior to shut down. The Contractor shall assume full responsibility for shutting down the main and notifying the customers.

4.09.2 Coordination with Utilities

The Contractor shall contact and coordinate with all affected utilities prior to commencing any operations. Prior to commencement of any work involving excavation, demolition of facilities or the erection of posts, it will be the sole responsibility of the Contractor to notify all utilities of the planned work and request that the utilities suitably mark underground installations in the vicinity of the planned work, and arrange for disconnection of any necessary utilities.

4.10 Cash Allowances

The Contractor acknowledges and agrees that the Contract Sum includes all cash allowances as may be specified in the Contract Documents.

4.11 Equal Employment Opportunity

The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or disability. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment; advertising; layoff or termination; rates of pay or other forms of compensation; and selection of training, including apprenticeship. The Contractor shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or disability. The Contractor shall incorporate the foregoing requirements of this paragraph in all of its subcontracts for work performed under the terms and conditions of this Contract. A breach of this provision may be grounds for Contract termination.

4.12 Accident Prevention: OSHA

4.12.1 In the performance of this Contract, the Contractor shall comply with all applicable Federal, State, county and local laws governing safety health and sanitation. The Contractor and any subcontractor shall not require any worker or mechanic employed in performance of this Contract to work in surroundings or other working conditions which are unsanitary, hazardous, or dangerous to his health or safety, as determined under Construction Safety and Health Hazards, Title 29, Code of Federal Regulations, Part 1926.

4.12.2 The Contractor shall require all on-site employees to complete a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program provided by the contractor which includes a course in construction safety and health approved by OSHA or a similar program approved by MoDOLIR which is at least as stringent as an approved OSHA program, as required under Subsection 292.675.2 RSMo. All employees are required to complete the program within sixty days of beginning work under this contract. The successful bidder shall also require all subcontractors under the contractor to provide the ten-hour training program required under Subsection 292.675.2 RSMo. to such subcontractors' on-site employees.

SECTION 5 SUBCONTRACTORS

5.01 Award of Subcontracts and other Contracts for Portions of the Work

5.01.1 Unless otherwise specified in the Contract Document, the Contractor shall submit a completed Subcontractor Utilization Form, naming each Subcontractor and Supplier the Contractor proposes to employ in performing the Work under this Contract and describing the portions of the Work each proposed Subcontractor shall perform or supply, along with other required Contract documents to the City. Contractor shall complete and submit a Supplemental Subcontractor Utilization form to the City in the event of any substitution or addition of a Subcontractor by the Contractor.

5.01.2 Prior to the award of the Contract, the City will notify the Bidder in writing if the City, after due investigation, objects to any such person or entity proposed by the Bidder pursuant to Section 5.01.1 above. If the City objects to any such proposed person or entity, the Bidder may, at his option, (1) withdraw his Bid, or (2) submit an acceptable substitute person or entity with no adjustment in his bid price.

5.01.3 The City reserves the right to reject a Subcontractor, if in the City's sole discretion, delays may result in the performance of Work as a result of a Subcontractor's other obligations. The Contractor shall be held responsible, in addition to the submission of the Subcontractor Utilization Form, to apprise the City of any additional work which a Subcontractor accrues throughout the duration of the project. This shall include work for the City under a different Contract, or any other person or entity. If such said additional work shall detrimentally impact the progression of the Work under this Contract, the City retains the right to require the Contractor to submit a substitute Subcontractor for this work at no additional cost to the City.

5.01.4 The Contractor shall not contract with any Subcontractor or any person or organization (including those who are to furnish materials or equipment fabricated to a special design), for proposed proportions of the Work designated in the Contract Documents or, if none is so designated, with any Subcontractor proposed for the principal portions of the Work, who has been rejected by the City.

5.01.5 If the City requires a change of any proposed Subcontractor or person or organization during the execution of the Work approved under the Contract, the Contract Sum shall be increased or decreased by the difference in cost resulting from such change and an appropriate Change Order shall be issued.

5.01.6 The Contractor shall not make any substitution for any proposed Subcontractor or person or organization that has not been accepted by the City prior to the Contract Award, unless the substitution is accepted by the City in writing prior to such substitution.

5.02 Subcontractual Relations

5.02.1 All work performed for the Contractor by a Subcontractor shall be pursuant to an appropriate agreement between the Contractor and Subcontractor (and where appropriate between Subcontractors and Sub-subcontractors) which shall contain provisions that:

5.02.1.1 Require the Work to be performed in accordance with the requirements of the Contract Documents;

5.02.1.2 Require submission to the Contractor of applications for payment under each subcontract to which the Contractor is a party, in reasonable time to enable the Contractor to apply for payment in accordance with Article 8 hereof;

5.02.1.3 Require that all claims for additional costs, extensions of time, damages for delays or otherwise with respect to subcontracted portions of the Work shall be submitted to the Contractor (via any Subcontractor or Sub-subcontractor where appropriate) in sufficient time so that the Contractor may comply in the manner provided in the Contract Documents for like claims by the Contractor upon the City;

5.02.1.4 Waive all rights the contracting parties may have against one another for damages caused by fire or other perils covered by the property insurance described in Paragraph 10.2, except such rights as they may have to the proceeds of such insurance held by the City as trustee under said Paragraph 10.2;

5.02.1.5 Obligate each Subcontractor specifically to consent to the provisions of this Paragraph 4.3;

5.02.1.6 Require the Subcontractor (and the Sub-subcontractor) to indemnify and hold harmless the City against all claims, damages, losses, expenses and attorneys' fees arising out of or resulting from the performance of the Work by Subcontractor, and its agents and employees, unless such claims, damages or losses are caused solely by the negligent act of the City.

5.03 Payment to Subcontractors

5.03.1 The Contractor shall pay each Subcontractor upon receipt of payment from the City, an amount equal to the percentage of completion allowed to the Contractor on account of such Subcontractor's Work, less the percentage retained from payments to the Contractor. The Contractor shall also require each Subcontractor to make similar payments to his Subcontractors.

5.03.2 If the City withholds payment to the Contractor for any cause which is the fault of the Contractor and not the fault of a particular Subcontractor, the Contractor shall pay that Subcontractor on demand for its Work to the extent completed.

5.03.3 The City shall not have any obligation to pay or to see to the payment of any sum to any Subcontractor or Sub-subcontractor.

SECTION 6 SEPARATE CONTRACTS

6.01 Mutual Responsibility of Contractors

6.01.1 The Contractor shall afford other contractors reasonable opportunity for the delivery and storage of their materials and equipment and the execution of their work, and shall properly connect and coordinate the Work with theirs. The Contractor shall employ, insofar as possible, such methods and means in carrying out the Work as will not cause any interruption or any interference with any other contractor.

6.01.2 If any part of the Work depends for proper execution or results upon the work of any other separate contractor, the Contractor shall inspect and promptly report to the City any apparent discrepancies or defects in such work that render it unsuitable for proper execution of the Work. Failure of the Contractor to so inspect and report shall constitute an acceptance of the other contractor's work as fit and proper to receive the Work, except as to defects which may develop in the other contractor's work after the execution of the Contractor's Work that could not have been discovered by the Contractor upon reasonable inspection.

6.01.3 If the Contractor causes damage to the work or property of any other contractor on the Project, and such separate contractor sues the City or initiates an arbitration proceeding on account of any damage alleged to have been so sustained, the City shall notify the Contractor who shall defend such proceedings at his own expense, and if any judgment or award against the City arises therefrom the Contractor shall pay or satisfy it and shall reimburse the City for all attorneys' fees and court arbitration costs which the City has incurred.

SECTION 7 MISCELLANEOUS PROVISIONS

7.01.1 Governing Law. The Contract shall be governed by and construed and interpreted in accordance with the internal laws of the State of Missouri, without regard to its principles of conflict of laws, and shall be deemed to be executed and performed in the County of St. Charles, Missouri. Any legal action arising out of, or relating to this agreement, shall be governed by the laws of the State of Missouri, and the parties agree to the exclusive jurisdiction and venue over them by a court of competent jurisdiction located in the County of St. Charles, Missouri, or the U.S. District Court for the Eastern District of Missouri. The Contractor shall at all times observe and comply with all Federal and State laws, all local laws, ordinances, and regulations existing at the time of or enacted subsequent to the execution of the Contract which, if in any manner, affect the prosecution of the Work.

7.01.2 The Contractor and his surety shall indemnify and save harmless the City and all of its representatives, engineers, consultants, and employees against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by himself, his employees, or his subcontractors.

7.01.3 Changes may be made to this contract as a result of any ordinance, law and/or directive issued by the City and/or the State of Missouri and/or the Federal Government. Should such a change occur the Contract shall be amended reflecting such change and signed by both parties acknowledging the change(s).

7.02 Successors and Assigns

The City and the Contractor each binds himself, his partners, successors, assigns and legal representatives to the other party hereto and to the partners, successors, assigns and legal representatives of such other party in respect to all covenants, agreements and obligations contained in the Contract Documents. Neither party to the Contract shall assign the Contract without the prior written consent of the other, nor shall the Contractor assign any sums due or to become due to him hereunder, without the prior written consent of the City.

7.03 Notices

Any notice to any party pursuant to or in relation to the Contract shall be in writing and shall be deemed to have been duly given when delivered in person to the individual or member of the firm or to an officer of the corporation for whom it was intended, or when deposited in the United States mail, registered or certified with postage prepaid addressed to the last business address known to the party giving the notice.

7.04 Rights and Remedies

The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

7.05 Royalties and Patents

The Contractor shall pay all royalties and license fees payable on all designs, processes or products used in connection with the work or incorporated therein, unless otherwise agreed upon by the City. The Contractor shall defend all suits or claims for infringement of any patent rights and shall indemnify and hold the City harmless from and against any loss on account thereof.

SECTION 8 TIME

8.01 Progress and Completion

8.01.1 All time limits stated in the Contract Documents are of the essence of the Contract.

8.01.2 The Contractor shall begin the Work on the date of commencement provided in the Notice to Proceed.

8.01.3 The Contractor shall carry the Work forward expeditiously with adequate forces and shall make the Project Available for Use within the allotted number of Days as provided for in the Contract Documents and in accordance with the construction schedule.

8.01.4 The Contractor shall complete Project Closeout within 60 days of the Project being deemed Available for Use. Delay of Project Closeout can result in liquidated damages.

8.02 Hours of Work

The Contractor shall not perform any work nor move any equipment except between 7:00 A.M. and 6:00 P.M. Monday through Friday without the written consent of the City. No work shall be done on Saturday, Sunday, or City holidays, unless approved by the City in advance.

Unauthorized Work done outside of the working hours stated above is subject to rejection and removal and replacement at the Contractors expense.

8.03 Overtime

If overtime work is authorized, as per Section 8.02, and the Contractor fails to appear as scheduled, the City shall deduct the cost for the City's assigned personnel from the Contract Sum for the time period schedule.

8.04 City Holidays

No Work by the Contractor or Subcontractors shall be performed on City Holidays. Only Work considered "emergency work" shall be allowed, and shall be approved in advance by the Director. The following is a list of City Holidays:

New Year's Day, Martin Luther King Day, Presidents Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Friday after Thanksgiving, Christmas Eve, Christmas Day

8.05 Delays, Extensions of Time

8.05.1 Should the Contractor be delayed at any time during the execution of the Work by changes in the scope of work, or by strikes, lockouts, fire, unusual transportation delays, unavoidable casualties, or other delay beyond the control of and not reasonably foreseeable by the Contractor and such delay is approved by the City, the time for completion shall be extended for a period commensurate with the period of the delay by Change Order.

8.05.2 In such event, the Contractor shall submit a written request for a time extension within seven (7) calendar days of the occurrence of the event causing the delay.

8.05.3 Inclement weather shall not be considered a valid reason for extension of time, unless abnormal for the season and place of work. The Contractor shall make proper allowance for inclement weather in the bid submitted.

8.05.4 In case of continuing delay, a single request for time extension by the Contractor shall be sufficient.

8.06 Liquidated Damages

Time is of the essence with this Project and delay in the project becoming Available for Use and/or in Final Acceptance will inconvenience the public and increase administrative costs of the City, the costs of which are inherently difficult to quantify and which the City is incapable of ascertaining at this time. Should the Contractor, or in the case of Contractor's default, the surety, fail to complete the Work and/or receive Final Acceptance within the times stipulated in this Contract, or within such extensions of time as may be allowed by the City in the manner set forth in the Contract, the Contractor (or surety, as applicable) shall pay to the City liquidated damages, as chargeable per the Contract, not as a penalty, but rather as a reasonable measure of the damages, based on the City's experience and given the nature of the losses that may result from delay.

8.07 Suspension of Work:

The Engineer may suspend the work or any portion thereof by written notice to the contractor, which notice shall fix the date on which work shall be resumed. The contractor will resume that work on the date so fixed. The contractor will be allowed an extension of the contract time, directly attributable to any suspension.

SECTION 9 MEASUREMENT OF QUANTITIES, PAYMENTS, AND COMPLETION

9.01 Measurement of Quantities

9.01.1 Unless otherwise directed within the Job Specific Provisions, Technical Specifications and/or Methods of Measurement and Payment, the quantities for which payment will be made shall be those shown in the Contract for the various items, provided the project is constructed as shown on the plans. Contract quantities shall be used for final payment except when:

9.01.1.1 Errors are formed in the original computations in excess of 15% of the contract quantities.

9.01.1.2 An original cross section is found to have an average deviation from the true elevation in excess of one foot.

9.01.1.3 An authorized change in grade, slope or typical section is made.

9.01.1.4 Unauthorized deviations decrease the quantities on the plans.

9.01.2 When the above conditions are encountered, the correction or revisions will be computed and added to or deducted from the contract quantity.

9.01.3 When the plans have been altered or when disagreement exists between the Contractor and the City as to the accuracy of the plan quantities of any balance, or the entire project, either party shall have the right to request a recomputation of contract quantities within any area, by hand calculation of the average-end-area method for cubic yard quantities, and standard measurement methods for other quantities, by written notice to the other party. The written notice shall contain evidence that an error exists in the original elevation or in the original computations which will affect the final payment quantity in excess of 15%. When such final measurement is required, it will be made from the latest available ground surface and the design section.

9.01.4 By Weight. These specifications require that the Contractor must furnish the representative of the City, on the job site, with original weight certificates on a daily basis signed by a bonded weigh master for all materials supplied by the Contractor that are incorporated into this work, which payment therefore is based on weight.

9.02 Application for Payment

9.02.1 The Contractor shall submit requests for payment not more than once monthly, on or before the 5th day of the month, upon substantial completion of various stages of the Work, and upon final completion of the Work.

9.02.2 The request for payment shall be submitted to the City as an itemized Application for Payment pursuant to the City-Contractor Agreement on such forms and supported by such data substantiating the Contractor's right to payment as the City may require.

9.02.3 If payments are to be made on account of materials or equipment to be incorporated into the Work and delivered and suitably stored at the site, such payments shall be conditioned upon submission by the Contractor of bills of sale, waiver of liens, or such other documents satisfactory to the City to establish the City's title to such materials or equipment or to otherwise protect the City's interest.

9.02.4 By submitting an Application for Payment, the Contractor warrants and guarantees that title to all Work, materials and equipment covered by such Application for Payment, whether incorporated into the Work or not, will pass to the City upon the receipt of such payment by the

Contractor, free and clear of all liens, claims, security interests or encumbrances (hereinafter referred to as "liens").

9.03 Payment

9.03.1 If the Contractor has made Application for Payment as above, the City will make payment to the Contractor for such amount as it determines to be properly due pursuant to the Contractor's Application for Payment, or state in writing the City's reasons for withholding all or any portion of such payment within 30 days of the latter of:

9.03.1.1 Delivery of materials or construction services;

9.03.1.2 Date of Request for Payment or date Request for Payment is received;
or

9.03.1.3 In those instances in which the Contractor approves the Owner's estimate for payment, the date upon which such notice of approval is duly delivered.

9.03.2 Five percent (5%) of the amount of each monthly request for payment shall be withheld until after completion by the Contractor and acceptance by the City of all Work. Exception: the Contractor is not required to provide a bond if the project is less than \$50,000 and City determines that a higher rate of retainage is required to ensure performance of the Contract, the retainage may be increased to ten percent (10%).

9.03.3 No progress payment, nor any partial or entire use or occupancy of the Work by the City, shall be evidence of the satisfactory performance of the Work, either wholly or in part, or constitute an acceptance of any Work that is defective or improper or not otherwise completed in accordance with the Contract Documents.

9.04 Completion and Final Payment

9.04.1 Upon the Contractor's determination that the Project is Available for Use, ready for final inspection and acceptance, and upon receipt of a final Application for Payment, the City will promptly make such inspection. Any defects arising out of said inspection will be provided to the Contractor in writing and shall be promptly remedied at no additional cost to the City. When the City finds the Work acceptable under the Contract Documents and the Director has determined the Project is Available for Use, the City will make payment to the Contractor, less the total retainage, any penalties assessed against Contractor and authorized by law to be withheld by the City from its payment to the Contractor, and less any moneys which are due and payable to the City as liquidated damages.

9.04.2 Upon the Director's determination that the Project is Available for Use, the Contractor shall complete Project Closeout within 60 days. Retainage payment shall not become due until the Contractor completes the Project Closeout, including addressing any and all deficiencies as noted in the Final Inspection, and submits the following, at a minimum, to the City:

9.04.2.1 An Affidavit that all payrolls, bills for materials and equipment, and other indebtedness incurred in connection with the execution and completion of the Work for which the City or its property might in any way be responsible, have been paid or otherwise satisfied

9.04.2.2 Consent of the surety, if applicable, to final payment

9.04.2.3 An affidavit stating the Contractor has fully complied with the provisions and requirements of the Prevailing Wage Law, Section 290.210 through 290.340 RSMo., as amended,

9.04.2.4 Other data, as required by the City, establishing payment or satisfaction of all such obligations, such as receipts and releases arising out of the Contract, to the extent and in such form as may be designated by the City

9.04.2.5 Maintenance Bond.

9.04.3 If any Subcontractor refuses to furnish a release or waiver required by the City, the Contractor may furnish a bond or other agreement satisfactory to the Director indemnifying the City against any liability relating to such Subcontractor. If any such claimed liability remains unsatisfied after all payments are made, the Contractor shall refund to the City all moneys that the City incurs or may be compelled to pay in discharging such claimed liability, including all costs and reasonable attorneys' fees.

9.04.4 The acceptance of final payment shall constitute a waiver of all claims by the Contractor, except those previously made in writing and still unsettled.

SECTION 10 PROTECTION OF PERSONS AND PROPERTY

10.01 Safety Precautions and Programs

Public safety is of the utmost importance and is the sole responsibility of the Contractor to provide, erect, and maintain adequate protection throughout the project to protect the public. The Contractor shall initiate, maintain and supervise safety precautions and programs in connection with the performance of the Work.

10.02 Safety of Persons and Property

10.02.1 The Contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to:

10.02.1.1 The general public;

10.02.1.2 All employees on the Work and all other persons who may be affected thereby;

10.02.1.3 All the Work, all materials and equipment to be incorporated therein, whether in storage on or off the site, under the care, custody or control of the Contractor or any of his Subcontractors or Sub-subcontractors; and

10.02.1.4 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, sprinkler systems, structures and utilities not designated for removal, relocation or replacement in the course of construction.

10.02.1.5 All survey monuments and property markers which shall be carefully preserved in place by the Contractor who shall be responsible for the correct replacement of all such monuments and markers disturbed during the work.

10.02.1.6 Any and all channels, swales, pipes, culverts, and all drainage structures in the project area; the Contractor shall provide for normal drainage and shall continuously maintain channels, swales, pipes, culverts, and all drainage structures in the project area. The Contractor is responsible for any damage caused by his failure to provide and maintain normal drainage.

10.02.2 The Contractor shall comply with all applicable laws, ordinances, rules, regulations and lawful orders of any public authority having jurisdiction over the safety of persons or property to protect them from damage, injury or loss. The Contractor shall erect and maintain all reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying the City and users of adjacent utilities. The Contractor shall provide signs, barrels, or any other safety devices which the City deems necessary for public safety. No additional payment will be made and this work shall be considered incidental to the Contract. The City will place safety devices as it deems necessary if the Contractor fails to provide the required items within 24 hours of notification. The Contract Sum shall be reduced by the cost of these devices.

10.02.3 When the use or storage of explosives or other hazardous materials or equipment is necessary for the execution of the Work, the Contractor shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel.

10.02.4 All damage or loss to any property caused in whole or in part by the Contractor, any Subcontractor, any Sub-subcontractor, or anyone directly or indirectly employed by anyone for whose acts they may be liable, shall be remedied by the Contractor. The City shall document any complaint by any person regarding damage or loss to property caused by Contractor by

requesting such complainant to complete a Damage Claim form. A copy of the Damage Claim form shall be submitted by the City to the Contractor and the Contractor shall correct the problem, repair such damage or otherwise compensate the complainant or file a claim for such damage with Contractor's insurance company within ten (10) days of the receipt of the Damage Claim form from the City. If the City shall have a legitimate basis for believing that such claim is valid, the City shall have the option to withhold payment of funds until (i) such damages are repaired; or (ii) the City has been provided with evidence that that Contractor has made restitution to the complainant.

10.02.5 The Contractor shall designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the City.

10.02.6 All traffic and safety devices shall conform to the "Manual on Uniform Traffic Control Devices• for Streets and Highways", American National Standard Institute 06.1-1971. At all times until final acceptance of the Work, the Contractor shall provide and maintain at his own expense such signs, lights, watchmen, fences, and barriers as may be necessary to properly protect the work and provide for safe and convenient public travel. The Contractor shall provide the Owner with the name and telephone numbers of an individual who shall be on 24-hour call for erection and maintenance of the protection devices. The cost of any erection or maintenance of the warning or protection devices by City Forces may be filed against the Contractor's monthly or final statement without any notice to the Contractor. The Director shall, in all cases, determine questions which may arise relative to additional safety and control devices. No payment, as such, will be made because of these requirements; but the cost thereof will be considered as fully covered by the prices paid for other items of work. Failure to properly provide safety control devices in accordance with this section, the City will issue one written warning and a 24-hour grace period for the Contractor to obtain barricades. The second infraction, the City will place barricades at a cost of thirty-five dollars (\$35) per day safety device. The cost of the safety devices will be deducted from the Contractor's weekly priority invoices or monthly invoice.

SECTION 11 INSURANCE

11.01 Contractor's Liability Insurance

11.01.1 The Contractor shall purchase and maintain such insurance required in the Contract Documents to protect him from claims which may arise out of or result from the Contractor's operations under the Contract, whether such operations be by himself or by any Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.

11.01.2 The insurance shall be written for not less than any limits of liability specified in the Contract Documents, or required by law, whichever is greater, and shall include contractual liability insurance as applicable to the Contractor's obligations for indemnification and reimbursement of attorneys' fees and costs under the Contract Documents.

11.01.3 Certificate(s) of Insurance acceptable to the City shall be filed with the City prior to commencement of the Work. Certificate(s) of Insurance must state: "The City of Wentzville, Missouri is additional insured." These Certificates shall contain a provision that coverages afforded under the policies will not be canceled until at least 30 days prior written notice has been given to the City.

11.01.4 Any insurance policy required as specified herein before, if written by an insurance company organized in a state other than Missouri, shall be countersigned by a Missouri resident agent of such company. Any certificate or other evidence of insurance, submitted to the City, shall be in a form acceptable to the City. In the case of policies written by companies organized in a state other than Missouri, the certificate of insurance, or other evidence submitted, shall be countersigned by a Missouri resident agent.

<u>Insurance Type</u>	<u>Amount</u>
Workers Compensation	An amount and type in full compliance with statutory requirements of Federal and State of Missouri law and Employees Liability coverage.
Comprehensive General Liability	\$1,000,000 each occurrence \$2,735,000 aggregate
Comprehensive Auto Liability	\$1,000,000 per occurrence

11.02 Property (Builder's Risk) Insurance

11.02.1 Unless otherwise provided, the Contractor shall purchase and maintain property insurance (Builder's Risk Insurance) upon the entire Work at the site to the full insurable value thereof. This insurance shall include the interests of the City, the Contractor, Subcontractors and Sub-subcontractors in the Work and shall insure against the perils of Fire, Extended Coverage, Vandalism and Malicious Mischief.

11.02.2 The Contractor shall purchase and maintain such steam boiler and machinery insurance as may be required by the Contract Documents or by law. This insurance shall include the interests of the City, the Contractor, Subcontractors and Sub-subcontractors in the Work.

11.02.3 Certificate(s) of Insurance acceptable to the City shall be filed with the City prior to commencement of the Work. Certificate(s) of Insurance must state on the Certificate: "The City of Wentzville, Missouri is an additional insured." These Certificates shall contain a provision that

coverages afforded under the policies will not be canceled until at least 30 days prior written notice has been given to the City.

11.02.4 Any loss insured by property insurance maintained by the City shall be adjusted with the City and made payable to the City as trustee for the insured, as their interests may appear, subject to the requirements of any applicable mortgagee clause.

11.02.5 The City and Contractor waive all rights against each other for damages caused by fire or other perils to the extent covered by insurance provided under this Paragraph 11.02 and the Contract Documents, City-Contractor Agreement, except such rights as they may have to the proceeds of such insurance held by the City as trustee. The Contractor shall require similar waivers by Subcontractors and Sub-subcontractors in accordance with Section 5.02 hereof.

SECTION 12 BOND REQUIREMENTS

12.01 Bid Bond

If the total project bid exceeds \$50,000 a Bid Bond shall be included in the Bid Proposal and shall be to five percent (5%) of the bid value. The Bid Bond will be required for the total project bid.

12.02 Performance Bond:

If the Contract Sum is in excess of \$50,000 the Contractor shall procure and maintain a performance bond (the "Bond") for the benefit of the City of Wentzville ("City") as required by the laws of the State of Missouri and in an amount not less than 100% percent of the aggregate amount of the Contract. The Bond shall serve as security for the faithful performance of this Contract.

12.03 Payment Bond

If the Contract Sum is in excess of \$50,000, the Contractor shall procure and maintain a payment bond (the "Bond") as required by the laws of the State of Missouri and in an amount not less than 100% percent of the aggregate amount of the Contract. The Bond shall serve to ensure the payment of all persons performing labor and furnishing materials in connection with this Contract. The Payment Bond shall meet all requirements of Section 107.170 RSMo.

12.04 Maintenance Bond:

The Contractor shall procure and maintain a Maintenance Bond in the amount of 10% of the final Contract Sum after any and all Change Orders and/or formal contract amendments. The Maintenance Bond shall be in full force for a one (1) year guarantee period from the date of final acceptance. Final payment will not be made until the City receives the Maintenance Bond. The Bond shall serve to ensure required maintenance of the Project will be provided throughout the maintenance period.

12.05 Bond Premiums

The premiums on all the Bonds shall be paid by the Contractor. The Bond shall remain in full force and effect during the life of the Contract (Performance and Payment) and during the term of any warranty (Maintenance) as required by the specifications and shall be held by the City.

12.06 Additional Requirements and Compliance

12.06.1 The Contractor represents, warrants, and guarantees, and Contractor shall also furnish to City a certificate of authority or some other evidence as deemed appropriate by the City establishing that the Bond is from a surety that is: authorized to do business in the State of Missouri, authorized to become surety on the bonds or obligations of persons or corporations, solvent with paid-up capital of not less than the applicable amount provided by the laws of Missouri, and, if organized outside the State of Missouri, in compliance with all the provisions of Missouri law relating to insurance companies other than life insurance companies. If, at any time, City shall become dissatisfied with any surety or sureties, or if for any other reason the Bond shall cease to be adequate security for City, Contractor shall, within ten days after notice from the City, substitute an acceptable bond (the "Additional Bond") in form and sum and signed by other sureties as may be satisfactory to City. The premiums on the Additional Bond shall be paid by contractor. All requirements herein applicable to the bond shall also be applicable to the Additional Bond. No further partial payments to Contractor shall be deemed due, nor shall be made until the sureties on the Additional Bond shall have qualified.

12.06.2 Contractor shall furnish to City such Bond together with insurance or other documents required by the Contract. The current power of attorney for the persons who sign for any surety

company shall be attached to the Bond. The power of attorney shall be sealed and certified with the manual signature of an officer of the surety. A facsimile signature will not be accepted.

12.06.3 The failure of the Contractor to supply the required Bond along with the evidence of the required insurance coverage and other documents required by the Contractor within ten working days after the executed acceptance is received by the Contractor, or within such extended period as may be granted by the City, the City may grant, based upon reasons determined sufficient by the City, shall constitute a default and the City may either award the contract to the next responsive bidder or re-advertise for bids, and may charge against the Contractor the difference between the amount of his/her bid and the amount for which a contract for the work is subsequently executed. If a more-favorable bid is received by re-advertising, the defaulting Contractor shall have no claim against City for a refund. Because of the difficulty of ascertaining the damages caused to City, said sum shall be considered liquidated damages and shall not constitute a penalty.

12.06.4 The Contractor shall supply the following documents to verify the authenticity of the bonds and bonding company:

12.06.4.1 Provide a certificate of authority from the Secretary of State of Missouri concerning the authority of the bonding company.

12.06.4.2 Provide proof that the bonding company has an "A" rating from BEST'S or Standard and Poor's.

12.06.4.3 Provide written verification from the bonding company that the bond exists and that it is an obligation of the contractor.

SECTION 13 CHANGES IN WORK

13.01 Change Orders

13.01.1 The City, without invalidating the Contract, may order Changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, with the Contract Sum and the Construction Schedule being adjusted in accordance with the City-Contractor Agreement. All such changes in the Work shall be authorized by Change Order, and shall be executed under the applicable conditions of the Contract Documents.

13.01.2 The Contract Sum and the Contract Time may be changed only by Change Order. The Contractor shall make all requests for a Change Order on forms provided by the City upon written request to the City.

13.01.3 The cost or credit to the City resulting from a Change in the Work shall be determined in accordance with the City-Contractor Agreement.

13.01.4 Changes in the Work outside of the general scope of the Contract shall require an amendment to the Contract.

13.02 Claims for Additional Cost

If the Contractor wishes to make a claim for an increase in the Contract Sum, he shall give the City written notice thereof within twenty (20) days after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor and approval granted by the City before proceeding to execute the Work. No such claim shall be valid unless so made. Any change in the Contract Sum resulting from such claim shall be authorized by Change Order.

13.03 Minor Changes in the Work

The City shall have authority to order minor changes in the Work not involving an adjustment in the Contract Sum or the Construction Schedule and not inconsistent with the intent of the Contract Documents. Such changes may be effected by Field Order or by other written order. Such changes shall be binding on the City and the Contractor.

13.04 Changes in Excavation Work

During construction, it may become necessary to increase the amount of excavation or to utilize a soil stabilization process if unsuitable subgrade conditions are found. The Contractor shall immediately contact the City if this condition occurs. The City and the Contractor shall agree upon the existence of unsuitable subgrade, the depth in which to remove the unsuitable soil, and the extent of the problem area prior to any additional work. No payment will be made for any area which undergoes additional excavation which is not indicated in the above scope of work and has not been approved by the City prior to the excavation. If provided in the Contract Documents, all additional excavation which becomes necessary shall be paid at the unit bid price for such work. The City reserves the right to contract with a separate contractor for the use of a soil stabilization process. No direct payment will be made for delays incurred due to this process and the Contractor's only compensation will be the allotment of additional days for the delay. The number of days shall be from the time the Contractor initially notifies the City of an unsuitable subgrade condition and until two days after the completion of the soil stabilization process.

13.05 Overhead and Profit from Changes in the Work

The combined overhead and profit included in the total cost to the Owner for a change in the Work shall be based on the following schedule:

13.05.1 For the Contractor, for Work performed by the Contractor's own forces, ten (10) percent of the cost.

13.05.2 For the Contractor, for Work performed by the Contractor's Subcontractors, five (5) percent of the amount due the Subcontractors.

13.05.3 For the Subcontractor involved, for Work performed by that Subcontractors own forces, ten (10) percent of the cost.

13.05.4 For each Subcontractor involved, for Work performed by the Subcontractor's Sub-subcontractors, five (5) percent of the amount due the Sub-subcontractor.

13.05.5 In order to facilitate checking of quotations for extras or credits, all proposals, except those so minor that their propriety can be seen by inspection, shall be accompanied by an complete itemization of costs including labor, materials and Subcontracts. Where major cost items are Subcontracts, they shall be itemized also.

13.06 Altered Quantities

13.06.1 The City reserves the right to make changes in plan details which may vary the accepted quantities from those shown on the Bid Form.

13.06.2 The Contractor shall accept, as payment in full, payment at the original Contract unit prices bid for the accepted quantities of work done. No allowance will be made for any increase expense or loss of expected profit suffered by the Contractor resulting directly from such altered quantities or indirectly from expense derived by handling small quantities of materials or performing operations within restricted areas. No allowance shall be made for any increased expense or loss of expected profit suffered because of the anticipated use of specific equipment which was not used.

SECTION 14 UNCOVERING AND CORRECTION OF WORK

14.01 Uncovering of Work

14.01.1 If any Work should be covered contrary to the request of the City, it must, if required by the City, be uncovered for his observation and replaced, at the Contractor's expense.

14.01.2 If any Work has been covered which the City has not specifically requested to observe prior to being covered, the City may request to see such Work and it shall be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the Cost of uncovering and replacement shall, by appropriate Change Order, be charged to the City. If such Work be found not in accordance with the Contract Documents, the Contractor shall pay the costs of uncovering and replacement.

14.02 Correction of Work

14.02.1 The Contractor shall promptly correct all Work rejected by the City as defective or as failing to conform to the Contract Documents, whether observed before or after substantial completion of the Work, and whether or not fabricated, installed or completed. The Contractor shall bear all cost of correcting such rejected Work.

14.02.2 If, within one year after the date of substantial completion or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any of the Work is found by the City to be defective or not in accordance with the Contract Documents, the Contractor shall correct it within 5 days after receipt of a written notice from the City. If the Contractor does not correct such deficiencies within that time, the City shall be entitled to specific performance from a court of equity or money damages in the amount of the reasonable cost of repairs, if adequate, provide that nothing shall limit the City's ability to draw upon the Performance and Maintenance Bond to correct such deficiencies. In all situations in which the City is forced to enforce the terms or specifications of the contract documents, the City shall be entitled to its reasonable attorneys' fees for enforcement of any provision of the contract documents.

14.02.3 All such defective or non-conforming Work under Subparagraphs 12.2.1 and 12.2.2 shall be removed from the site if necessary, and the Work shall be corrected to comply with the Contract Documents without additional cost to the City.

14.02.4 The Contractor shall bear the cost of making good all work of separate contractors destroyed or damaged by such removal or correction.

14.02.5 In the alternative to Section 13.02.3, if the Contractor fails to correct such defective or non-conforming Work, the City may correct it in accordance with Section 3.03 hereof.

14.03 Acceptance of Defective or Non-Conforming Work

14.03.1 If the City prefers to accept defective or non-conforming Work, it may do so instead of requiring removal and correction, in which case a Change Order will be issued to reflect an appropriate reduction in the Contract sum, or if the amount is determined after final payment, it shall be paid by the Contractor.

SECTION 15 PURCHASE OF MATERIALS AND EQUIPMENT

15.01 Sales Tax Provisions

The City intends to take maximum advantage of the City's sales tax exemption status. The Contractor shall purchase construction materials and supplies in accordance with these Special Sales Tax Provisions. Compliance with these procedures is compulsory and for the benefit of the City. Accordingly, contractors shall not include sales tax in bid proposal amounts.

15.01.1 The City shall furnish the Contractor a "Project Tax Exemption Certificate" which shall include the following:

15.01.1.1 City's name, address, Missouri tax identification number and signature of authorized representative;

15.01.1.2 The project location, description, and unique identification number;

15.01.1.3 The date the City Contractor Agreement is entered into, which is the earliest date materials may be purchased for the project on a tax-exempt basis;

15.01.1.4 The estimated date of completion for the Project;

15.01.1.5 The Tax Exemption Certificate expiration date. Such certificate is renewable for a given project at the option of the City, only for the purpose of revising the certificate expiration date as necessary to complete the Project.

15.01.2 Contractor shall:

15.01.2.1 Furnish the Project Tax Exemption Certificate to all subcontractors. The Contractor and any subcontractor purchasing materials shall present, on behalf of the City, all tangible personal property and materials to be incorporated into or consumed in the construction of the Project and no other on a tax-exempt basis. Suppliers shall execute to the purchasing Contractor or Subcontractor invoices made out to the Contractor. The invoices must also bear the name of the City and the project identification number. Nothing in this section shall be deemed to exempt the purchase of any construction machinery, equipment, or tools used in constructing, repairing or remodeling facilities for the City. All invoices for all personal property and materials purchased for the Project utilizing the Project Tax Exemption Certificate shall be retained by the purchasing Contractor or subcontractor for a period of five (5) years and shall be subject to audit by the Missouri Director of Revenue.

15.01.2.1.1 Any excess re-salable tangible personal property or materials which were purchased for the Project by the Contractor or subcontractor under the Project Tax Exemption Certificate but which were not incorporated into or consumed in the construction of the Project shall either be returned to the supplier for credit or the appropriate sales or use tax on such excess property or materials shall be paid by the Contractor or subcontractor not later than the due date on the Contractor or subcontractor's Missouri sales or use tax return following the month in which it was determined that the materials were not to be used in the Project.

15.01.2.1.2 No Contractor, subcontractor or material supplier shall, upon audit, be required to pay tax on tangible personal property and materials incorporated into or consumed in the construction of the

Project, due to the failure of the City to revise the certificate expiration date as necessary to complete any work required. If it is determined that tax is owed on such property and materials due to the failure of the City to revise such certificate expiration date, the City shall be liable for the tax owed.

15.01.2.2 Order all necessary materials and equipment to complete the Work and the Project in accordance with the Plans and Specifications.

15.01.2.3 Inspect all delivered materials for conformance to specifications, damage, or breakage and subsequently accept materials if found to be satisfactory.

15.01.2.3.1 Purchase of materials on behalf of the City shall not relieve the Contractor of obligations to order, schedule deliveries, inspect, accept, or reject, store, handle or install materials or perform any other duties required by the Contract Documents or customarily performed in conjunction with providing materials to complete the Work.

15.01.2.3.2 Costs of complying with the foregoing Special Sales Tax Provisions shall be included in the Bid Proposal submitted and the Contractor shall not be entitled to receive additional compensation for such compliance.

15.02 Use of American Made Products.

Any manufactured goods or commodities used or supplied in the performance of the Contract Documents or any subcontract thereto shall be manufactured or produced in the United States as required and in accordance with Section 34.353 RSMo.

15.02.1 This section shall not apply when:

15.02.1.1 The purchase, lease, or contract involves an expenditure of less than twenty-five thousand dollars;

15.02.1.2 Only one line of a particular good or product is manufactured or produced in the United States;

15.02.1.3 The specified products are not manufactured or produced in the United States in sufficient quantities to meet the City's requirements or cannot be manufactured or produced in the United States within the necessary time in sufficient quantities to meet the City's requirements;

15.02.1.4 Obtaining the specified products manufactured or produced in the United States would increase the cost of the contract by more than ten percent.

15.02.2 If this section shall not apply because of the circumstance described in Sections 14.06.4.1 to 14.06.4.4, then the Contractor shall provide the City with the information necessary to make the certifications required under Section 34.353 RSMo.

15.03 Buy City of Wentzville and Missouri Preference

Contractors are encouraged to purchase commodities and tangible property manufactured, produced, or grown within the local area and in the State of Missouri, and from all firms, corporations, or individuals with licensed businesses in the City of Wentzville and State of Missouri. This guideline pertains to all commodities and tangible property when quality is equal or better and the delivered price is the same or less, or when competing bids, in their entirety, are comparable.

SECTION 16 SPECIAL PROVISIONS

16.01 Scheduling of Work and Interference with Traffic

16.01.1 The Contractor's work must be scheduled and accomplished in stages such that local traffic is maintained during construction. It shall be the Contractor's responsibility to provide a traffic way that is usable in all weather conditions. The Contractor shall construct and maintain in a safe condition temporary pavements and connections for local traffic.

16.01.2 Suitable temporary barriers shall be provided to protect traffic from the Work if necessary. At all times until final acceptance of the Work, the Contractor shall provide and maintain such signs, lights, barriers, cones, watchmen or flaggers as may be necessary to properly protect the Work and provide for safe and convenient public travel. In the case of open excavations or other potentially hazardous conditions existing during non-working periods, the traveling public will be protected and advised by signs and flasher barricades. Parking of equipment or storage of materials on or near the Project site will be permitted only if adequate protective devices are provided and then only for the minimum time required for any specific job.

16.01.3 No additional payment shall be made for temporary guardrail, barriers, signs, lights, or other work as may be necessary to maintain traffic and to protect the Work and the public and all labor, equipment and material necessary to accomplish this task shall be considered incidental.

16.02 Access

16.02.1 Areas of intersections and roadways within the construction limits shall be constructed in phases so that at no time will access be denied.

16.02.2 Access to private driveways may be limited by the nature of the Work. The Contractor shall schedule his work such that at no time during the life of this Contract will any driveway be denied access for any reason other than the curing of concrete. All concrete, including curbs, sidewalks and driveway pavements, shall be formed and poured within a two calendar day period for each and every driveway. Excavation for this work shall be accomplished a maximum of one calendar day prior to forming, however, access shall be provided immediately after excavation. At the end of the curing period, access shall be immediately supplied using asphalt or compacted aggregate.

16.02.3 All temporary materials used for access will be the responsibility of the Contractor and shall be included in his unit bid price for each related item. No separate payment will be made for the placement, maintenance or removal of said access.

16.02.4 If said access is not supplied as set out above, the City will supply said access with its own forces, without notification to the Contractor, and will deduct such costs from the sums due the Contractor, notwithstanding any other provisions given this Contract. Wherever excavation affects pedestrian access to houses or public buildings, plank or other suitable bridges shall be placed at convenient intervals.

16.03 Construction Staking and Layout

The Contractor shall be responsible for providing all labor, equipment and materials necessary for construction staking and layout as required, to the grades, elevations and alignment as determined by the City. No separate payment will be made for construction staking and layout. The Contractor shall make his bid accordingly. No payment shall be made for restaking except as expressly authorized due to changes made by the City during construction.

16.04 Pre-Construction Conference

A preconstruction conference may be held prior to the issuance of a notice to proceed with the Work. This meeting will be attended by the Contractor, the City, and representatives of the various utility companies that have facilities in the project area. The meeting date will be established after the taking of bids and at a time convenient to all parties.

16.05 Sequence of Work

16.05.1 A schedule of the Contractor's work shall be submitted to the City for approval. It shall contain a listing of the order in which the Contract items will be constructed and the approximate dates for starting and finishing each Contract item.

16.05.2 The Contractor shall furnish the City his proposed sequence and schedule for the completion of all work for its review and approval prior to the time of the preconstruction conference. The City shall have the right to specify the order of construction as deemed necessary.

16.05.3 The Contractor shall update and provide the City of the revised schedule as necessary.

16.06 Control of Materials

16.06.1 The Contractor shall collect all materials tickets to verify the quantity of each item. Material tickets shall be collected and provided to the City in their original form. Xerox or fax copies will not be accepted. All tickets shall be submitted on the day of delivery, either to the City personnel or the Public Works Office, or they shall not be accepted for payment.

16.06.2 Contractors and subcontractors will be required to produce letters of certification or certified test reports from materials producers and suppliers in order to determine compliance with specifications for designated materials prior to the incorporation thereof into the work.

16.06.3 The City will determine which materials are to be tested. The form and content of these test reports shall be in accordance with recognized standards and practices for this work or as otherwise determined by the City.

16.07 Termination by the Owner for Cause

16.07.1 In addition to all other remedies available to the Owner, the Owner may terminate the Contract if the Contractor:

16.07.1.1 Repeatedly refuses or fails to supply enough properly skilled workers or proper materials;

16.07.1.2 Fails to make payment to Subcontractors for materials or labor in accordance with the respective agreements between the Contractor and the Subcontractors;

16.07.1.3 Repeatedly disregards applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of a public authority; or

16.07.1.4 Otherwise is guilty of substantial breach of a provision of the Contract Documents.

16.07.2 When any of the above reasons exists, the Owner may without prejudice to any other rights or remedies of the Owner and after giving the Contractor and the Contractor's surety, if

any, seven days' written notice, terminate employment of the Contractor and may, subject to any prior right of the surety:

16.07.2.1 Exclude the Contractor from the site and take possession of all materials, equipment, tools, and construction equipment and machinery thereon owned by the Contractor;

16.07.2.2 Accept assignment of subcontracts; and

16.07.2.3 Finish the Work by whatever reasonable method the Owner may deem expedient. Upon written request of the Contractor, the Owner shall furnish to the Contractor a detailed accounting of the costs incurred by the Owner in finishing the Work.

16.07.3 When the Owner terminates the Contract for cause, the Contractor shall not be entitled to receive further payment until the Work is finished.

16.07.4 If the unpaid balance of the Contract Sum exceeds costs of finishing the Work, including compensation for professional services (including architects and engineers) and expenses made necessary thereby, and other damages incurred by the Owner and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the Owner. The amount to be paid to the Contractor or Owner, as the case may be, shall be certified by the project architect, upon application, and this obligation for payment shall survive termination of the Contract.

16.08 Termination by the Owner for Convenience

16.08.1 The Owner may, at any time, terminate the Contract for the Owner's convenience and without cause.

16.08.2 Upon receipt of written notice from the Owner of such termination for the Owner's convenience, the Contractor shall:

16.08.2.1 Cease operations as directed by the Owner in the notice;

16.08.2.2 Take actions necessary, or that the Owner may direct, for the protection and preservation of the Work; and

16.08.2.3 Except for Work directed to be performed prior to the effective date of termination stated in the notice, terminate all existing subcontracts and purchase orders and enter into no further subcontracts and purchase orders.

16.08.3 In case of such termination for the Owner's convenience, the Contractor shall be entitled to receive payment for Work executed, and actual costs incurred by reason of such termination.

Technical Specifications

7" Portland Cement Concrete (PCC) Pavement - To Be Removed and Replaced (TBR&R)

This work shall consist of the complete removal of the existing pavement section to a minimum depth of 11 inches below planned top of pavement and replacement with 7 inch (7") PCC pavement in accordance with Section 704 of the City of Wentzville Construction Specifications and Standard Details (CSSD), most current edition, over a compacted 4 inch (4") Type 5 aggregate base in accordance with Section 701 of the City of Wentzville CSSD, most current edition, and details located in the Technical Specifications and Job Specific Provisions, unless otherwise specified. The work shall conform to Standard Construction Detail (SCD) 700.24, Slab Replacement Details, located in the Technical Specifications, unless otherwise specified.

Through traffic must be maintained at all times. The Contractor shall not be permitted to remove an entire cross-section width of pavement at one time, unless otherwise authorized by the City of Wentzville representative. The Contractor will incur all costs related to the placement, removal, disposal, and maintenance of rock base needed, to provide for through traffic, if an entire cross section width is removed without authorization.

Work considered incidental to the 7" PCC Pavement – TBR&R includes but may not be limited too: full depth saw cuts, subgrade preparation and compaction, installation and compaction of the 4" Type 5 aggregate base, drilling and installation of #5 reinforcing steel tie bars, placement of keyway for #5 reinforcing steel tie bars, monolithic curb, power screeding, leveling, floating and broom finishing of the pavement, joint tooling, saw cutting, and sealing; application of the white pigmented cure membrane, and placement of all preformed fiber expansion joints at all exposed concrete surfaces including driveways, approaches, curb inlets, and sidewalks.

Full Depth Saw Cuts

This work will include the full depth saw cuts as described in the Technical Specifications. The full depth saw cut is required at the limits of the removal area, including on joints, or as directed by the City of Wentzville representative. The full depth saw cut shall be completed by a self propelled mechanical wet saw capable of cutting the full depth of pavement. Saw cuts shall be parallel to each other and uniform to the existing joints. The Contractor will be responsible for the replacement of any and all slabs due to damage of existing adjacent slabs, driveways, concrete or asphalt approaches, or sidewalks that are to remain from insufficient saw cutting. There will be no cost to the City of Wentzville for damaged and replaced slabs not included within the removal limits.

Removals

This work will include the breaking, removal and disposal of all existing Portland Cement Concrete (PCC) pavement and asphalt pavement including curb and gutter and existing steel reinforcement and soil and or rock excavation needed to allow for the rock base and form work. The Contractor will be responsible for the replacement of any and all slabs due to damage of existing adjacent slabs, driveways, concrete or

asphalt approaches, or sidewalks that are to remain. There will be no cost to the City of Wentzville for damaged and replaced slabs not included within the removal limits.

The Contractor shall remove the existing pavement, reinforcement, base rock, and sub-grade to the elevation necessary to facilitate installation of the compacted 4" Type 5 aggregate base and 7" PCC pavement section. The Contractor shall incur all removal and installation costs related to any over-excavation or excavation depths, beyond that necessary for installation of the 4" aggregate base, not authorized by the City of Wentzville representative. The Contractor should take the necessary action to limit the disturbed area behind the back of curb as much as practicable.

The City of Wentzville representative shall be notified by the Contractor a minimum of 24 hours in advance for inspection and testing of all subgrade prior to any work commencing to place and compact the 4" Type 5 aggregate base. A 24 hour notification will also be required for the testing of the compacted 4" Type 5 aggregate base. Failure to notify the City of Wentzville representative for the inspection and testing may result in the removal of any or all of the work installed at the expense of the Contractor.

All material shall be hauled off-site at the expense to the Contractor. It is the Contractor's responsibility to locate a dump site(s) that follows all City, State and Federal rules and regulations. The Contractor shall provide the City of Wentzville representative with a letter, signed and dated by the property owner of the dump site, including the location of the site, which indicates acceptance of the material prior to starting work.

Subgrade Preparation

The subgrade shall be prepared in accordance with the City of Wentzville CSSD and shall be mechanically compacted with a minimum of 3 passes of a roller. The subgrade shall be free of loose and/or soft material and shall be relatively smooth and uniform. The subgrade condition shall be verified, approved, and documented as acceptable by the City of Wentzville representative prior to placement of aggregate base course.

Aggregate Base Course

The aggregate base course shall consist of 4" of Type 5 aggregate placed and prepared in accordance with the City of Wentzville CSSD. The aggregate base course shall be mechanically compacted to at least 95% of the standard Proctor maximum dry density (ASTM D 698), or 90% of the modified Proctor maximum dry density (ASTM D 1557). Nuclear density compaction tests are required per removed area of existing pavement unless otherwise authorized by the City of Wentzville representative.

The Contractor shall submit contact information for the quarry or quarries that will be supplying the Type 5 aggregate.

Portland Cement Concrete (PCC) Pavement

The PCC pavement shall conform to Section 704 of the City of Wentzville CSSD. The approved mix shall be a minimum 6 sack concrete mix (Type 1 or 1-A cement). Approved Class C or F fly ash may be used to replace a maximum of 15% of cement, only when made with a natural pozzolan, on a pound for pound basis except concrete designed for high early strength. The maximum slump at the time of concrete placement is 4". The air content shall be 5.5% (+/- 1.5%). PCC tested that does not meet the required slump and air content will result in the entire load being rejected. PCC that does not meet the required slump and air content but is still placed will result in the removal and replacement, at the Contractors expense, of all panels poured from that load.

The mix shall obtain a minimum compressive strength of 4000 psi at 28 days. Failure to reach the specified compressive strength within the appropriate time will result in the removal and replacement, at the Contractors expense, of all panels poured within the area represented by the failing compressive strength test. Hand mixing concrete will not be permitted.

The Contractor and/or material supplier shall provide a copy of all concrete mix designs (standard and high early) to be used on the project to the City of Wentzville representative for review and approval a minimum of 48 hours prior to commencing any work. No work shall be done without a mix design approval. This includes saw cuts, tear out or any other work incidental to the slab replacements. Each mix design submitted shall have a unique name and/or number. This name and/or number shall appear on all batch tickets for material delivered to the site. If the mix designation does not appear on the ticket the entire load will be rejected. Any mix design not previously approved and delivered to the site will be rejected. **No admixtures, with the exception of air entraining agent, shall be permitted in any mix design.**

Placement of Portland Cement Concrete

The forming, placement, and finishing of the new pavement shall conform to the City of Wentzville CSSD. The surface of the pavement shall be broom finished and a white pigmented curing membrane shall be applied in accordance with City specifications and these provisions.

A mechanical vibrating power screed shall be used to consolidate and strike off all newly placed PCC pavement. The screed shall have a minimum width 4 inch (4") face, with a length slightly in excess of the width of the pavement, and having the rigidity to maintain the true cross section of the pavement. Cross sections that are not the typical thirteen foot (13') width may require additional means to properly screed the concrete to meet all lines and grades, and maintain the required surface tolerance. **In areas where the pavement width is greater than 26 feet, a roller screed will be required.**

The Contractor shall notify the City of Wentzville representative 24 hours in advance of any work to be done in order to set up inspections and testing. The City of Wentzville reserves the right to require removal of any and all work completed without testing due to the Contractors failure to provide the City proper notification.

No water (mix or finish) shall be added or applied to the concrete once it leaves the plant without the approval of the City of Wentzville representative. The addition of unauthorized water (mix or finish) shall be grounds for the rejection of the entire load and/or removal of slabs. This includes surface spray and/or brush water to aid in finishing.

3" Portland Cement Concrete (PCC) Rolled Curb

3 inch (3") PCC Rolled Curb shall be formed and placed in accordance with Section 705 of the City of Wentzville Construction Specifications and Standard Details, most current edition, and SCD 700.08 located in the Technical Specifications, unless otherwise specified. All curbing shall be poured monolithically with each designated slab replacement that contains existing curb. **Pinned on curb is not permitted.**

6" Portland Cement Concrete (PCC) Mountable Curb

6 inch (6") PCC Mountable Curb shall be formed and placed in accordance with Section 705 of the City of Wentzville Construction Specifications and Standard Details, most current edition, and SCD 700.08 located in the Technical Specifications, unless otherwise specified. All curbing shall be poured monolithically with each designated slab replacement that contains existing curb. **Pinned on curb is not permitted.**

6" Portland Cement Concrete (PCC) Vertical Curb

6 inch (6") PCC Vertical Curb shall be formed and placed in accordance with Section 705 of the City of Wentzville Construction Specifications and Standard Details, most current edition, and St. Louis County drawing C502.03 – Joint and Curbs, Type "A" Vertical Curb (Monolithic), located in the Technical Specifications, unless otherwise specified. All 6" Vertical Curb shall be formed and poured monolithically to each designated slab and/or approach replacement that contains existing curb. **Pinned on curb is not permitted.**

Curing Membrane

The white pigmented curing membrane shall conform to section 704.12 of the City of Wentzville CSSD and shall be applied at a rate of 1 gal/150 square feet.

The Contractor shall provide a submittal for the white pigmented curing membrane to be used.

Joints

Transverse and longitudinal joints shall conform to section 704.11 of the City of Wentzville CSSD and SCD's 700.07, 700.09a-c, and 700.10 located in the Technical Specifications. Transverse Type "A2" expansion joints will be designated in the field by the City of Wentzville representative and shall be constructed according to these documents.

Full depth minimum ½” width fiber expansion joints shall be installed at all handicap ramps, driveways, approaches, sidewalks, and curb inlet sills in accordance with the City of Wentzville CSSD. Driveways in areas prone to street creep shall have a typical 2” width fiber expansion joint installed at the end of the driveway. Driveways in street creep prone areas to have the additional width fiber joint material installed will be pre-sawed by City of Wentzville personnel. Removal of the 2” of driveway material, any necessary excavation, and installation of the full depth fiber expansion joint is the responsibility of the Contractor. All existing fiber expansion joint material shall be removed and replaced if the adjacent slabs are to be removed. Driveways, approaches, sidewalks, handicap ramps, or curb inlet sills that have concrete protruding under the existing fiber expansion joint shall have the protruding concrete saw cut flush, at the expense of the Contractor, in order to install a full depth fiber expansion joint against a flat surface.

Sealing Joints

All sawed, formed, and tooled joints shall be sealed with joint sealing material as soon as practicable in accordance with section 704.11, subsection d, of the City of Wentzville CSSD.

The joint sealant shall be a polymer based hot pour elastic type sealant installed conforming to ASTM D3405 and in compliance with the City of Wentzville specifications. The sealant shall be black in color and placed flush to the top of pavement and curb. All joints must be thoroughly cleaned (by wire wheel, saw, and/or air) and free of any debris and/or moisture prior to sealing. Excessive amounts of sealant protruding out of the joints will be required to be removed and resealed by the Contractor at his/her expense. Type “A2” Expansion Joints in the pavement shall be sealed flush with the adjacent pavement. The portion of the joints falling in the Vertical Curb shall be sealed with black colored silicone caulk.

The Contractor shall provide a submittal for the joint sealant to be used.

Opening to Traffic

Newly placed pavement shall remain closed to thru traffic until it has achieved a minimum compressive strength of 3500 psi (typically 5 to 7 days), or until authorized by the City of Wentzville representative. Pavement shall be barricaded off and protected until the Contractor is notified by the City of Wentzville representative that the barricades may be removed. Resident will typically be allowed to cross newly placed pavement for access to driveways at 3 days. If the 7 day compressive strength test does not achieve at least 3500 psi the pavement shall remain barricaded off and protected until opening is authorized by the City of Wentzville representative.

4” Portland Cement Concrete (PCC) Sidewalk – To Be Removed and Replaced (TBR&R)

This work shall consist of the removal and installation of 4” PCC Sidewalk and Ramps as designated by the City of Wentzville representative. The PCC Sidewalk and Ramps

shall conform to section 706 of the City of Wentzville Construction Specifications and Standard Details most current edition and Standard Construction Detail (SCD) 700.14, 700.15, 700.16, and 700.26 located in the Technical Specifications, unless otherwise specified. The concrete specifications shall conform to the provisions stated above for the 7" PCC pavement bid tab item. Full depth saw cuts shall be required in order to remove the sidewalk to the specified joint or location as determined by the City of Wentzville representative. All incidental work will be included as described above for the placement of the 7" PCC pavement in accordance with the City of Wentzville specifications.

Over-excavation

The work shall consist of all material, labor and equipment needed to remove and replace all sub-grade material designated unsuitable by the City of Wentzville representative.

The unsuitable sub-grade material shall be removed to a depth and within the limits authorized by the City of Wentzville representative. Material considered unsuitable shall generally be as follows: soils consisting of highly organic materials, mud-jacking material, or soil that is excessively wet beyond what the Contractor should have reasonably anticipated. **Soft or wet areas resulting from weather when the excavation is open or the Contractor's sequence of operations do not constitute unsuitable materials and shall be removed and replaced at the expense of the Contractor.**

The over-excavated area shall have a Metropolitan Sewer District (MSD) Type 4, 2-1/2 inch (2 ½") clean gradation of aggregate installed up to the bottom elevation of the 4" Type 5 aggregate base. The material shall be free of any deleterious materials, concrete remnants, or debris. The MSD Type 4 shall be compacted with a vibratory roller or plate type compactor in maximum 1 foot lifts. The 4" Type 5 aggregate base will then be installed as previously described. The over-excavated material shall be hauled off site by the Contractor.

If work is designated for over-excavation, measurements shall be taken prior to and during the removal process. No over-excavation shall occur prior to the measurements and without the authorization of the City of Wentzville representative. The Contractor shall incur all costs related to any over-excavation beyond the depth or limits authorized by the City of Wentzville representative.

Type "A2" Expansion Joints

The Type "A2" expansion joints will be designated in the field and marked by the City of Wentzville representative. Areas which will be designated for the expansion joints are generally as follows:

- Legs of an intersection
- The point of curvature and the point of tangent of all horizontal curves within the mainline.
- Every 1000' of straight and continuous mainline paving
- Any area designated by the City representative

Type "A2" Expansion Joints shall conform to the City of Wentzville SCD 700.07 located in these specifications, except as stated herein. The sub-grade and Type 5 aggregate base shall be excavated and installed to accommodate the required 9" PCC pavement depth at the expansion joint as required per SCD 700.07. The Type "A2" joint shall be formed and placed prior to pouring of the slab. The expansion joint filler material shall be preformed fiber board a minimum of 7" in height, capped by a 2 inch (2") by 2 inch (2") strip of fiber board or other approved material that can be readily removed prior to placing sealant, to allow for the full 9" depth "A2" joint. The fiber board material shall be one solid piece (in height). The City of Wentzville understands that 2 inch (2") thick fiber board material may not be available. The use of two (2) 1 inch (1") thick pieces of fiber board may fastened together to provide the required 2" thick Type "A2" joint. No more than two 1" pieces of fiber board will be allowed. The expansion joint shall continue through the curb shall leave a void to be filled with caulk or hot pour joint sealant as described above. After curing of the PCC pavement and prior to joint sealing the 2 inch (2") by 2 inch (2") strip of fiber board or other approved material shall be stripped out to allow for installation of approved joint sealing material. **The location of the Type "A2" joints will be designated in the field by the City of Wentzville representative and are subject to change only by the authorization of the City.**

Underdrains

Underdrains will be installed at curb inlets, designated by the City of Wentzville representative, where the entire cross section of pavement is to be removed. Underdrains shall conform to SCD 700.28 located in the Technical Specifications. Materials for construction of the underdrains shall be as follows unless otherwise authorized by the City of Wentzville representative:

- Filter fabric shall be a non-woven filter fabric, Mirafi 140N, or approved equivalent.
- 1" clean crushed rock shall be equivalent to gradation 3 of the St. Louis County Standard Specifications for Highway Construction.
- Pipe shall be perforated 6" schedule 40 PVC or SDR 21 PVC.

Excavation for the installation of the underdrains will be considered incidental. The trench shall be excavated to a minimum width of 12" and to a depth that will allow at least 12" from bottom of the Type 5 aggregate base to the top of pipe and at least 2" below the bottom of pipe. The trench shall be lined with filter fabric leaving enough excess to provide a minimum 12" overlap over the top of the clean rock. A thin, approximate 2" thick, layer of 1" clean gradation crushed rock shall be placed prior to placing the pipe. The pipe shall be placed with perforations down and shall have slope falling towards the curb inlet. The top of the perforated PVC pipe at the high end shall be a minimum depth of 12 inches (12") below the bottom of the Type 5 aggregate base. The perforated PVC pipe shall extend to the curb inlet structure where the Contractor shall make a full depth square cut opening measuring a maximum of 12"x12". The saw cut shall be removed with a minimum amount of breaking. Any damage to the structure shall be repaired or replaced at the expense of the Contractor as designated by the City of Wentzville representative. The pipe shall penetrate the inlet structure at the square cut opening and shall extend a maximum of 2" inside of the structure wall. The penetration opening shall be sealed on the outside and inside of the structure with non-shrink grout conforming to the City of Wentzville standard specifications. The pipe shall

be backfilled with 1" clean crushed rock the full width of the trench up to the bottom elevation of the 4" Type 5 aggregate base. The filter fabric shall overlap at least 12 inches (12") over the top of the 1" clean crushed rock.

ADA Compliant Curb Ramp

Grades – Vertical changes in grade shall not exceed 0.25 inches. Vertical changes in grade may be acceptable between 0.25 and 0.50 inches if the grade change is beveled with a slope not to exceed 2(H):1(V).

Slope – The cross slope of a curb ramp should be a minimum one (1) percent and a maximum two (2) percent for pedestrian safety. The running slope is to not exceed a slope of 12(H):1(V). Where curb ramp is met with a counter slope, the maximum counter slope should be five (5) percent.

Alignment – Where feasible, the curb ramp should be aligned parallel with the direction of travel. Site constraints including, but not limited to varying roadway intersection radii, existing grades, sidewalk offsets from back of curb, and use of islands may require the curb ramps to be aligned perpendicular to the curb. Perpendicular ramps should be located as close to the tangent point as feasible to reduce the distance of the pedestrian crossing.

Detectable Warnings – The detectable warnings should extend the entire width of the sidewalk and should be brick red. Detectable warnings on walking surfaces are to be truncated domes with a diameter of 0.9 inches, a height of 0.2 inches, and a center to center spacing of 2.35 inches in each direction. The truncated dome surface area should be a minimum length of two (2) feet in the direction of pedestrian travel. Additionally, the truncated domes should align with the direction of pedestrian travel. The detectable warning should be placed at the bottom of the ramp, or six (6) to eight (8) inches from the front of the curb depending on the type and location of the curb ramp.

Flares – Traversable flairs, flairs located within the pedestrian pathway, should have a maximum slope of 10(H):1(V). Non-traversable flairs, flairs located outside of the pedestrian pathway, should have a minimum transition width of **three (3) feet** at the front of curb.

Where feasible, the curb ramps are to be located within the crosswalk.

When perpendicular curb ramps are to be used, a four (4) feet by four (4) feet clear landing space is to be provided within the crosswalk.

Diagonal curb ramps with flared sides should have a segment of curb 24 inches long minimum located on each side of the curb ramp and within the marked crossing.

Pavement Lugs

Pavement lugs will be installed at locations, designated by the City of Wentzville representative, where the entire cross section of pavement is to be removed. Pavement lugs shall conform to St. Louis County Pavement Construction Detail C604.40 located in the technical specifications of this contract.

The sub-grade shall be excavated to the lines and grade necessary to allow for installation of a 2' wide and minimum 4' depth reinforced pavement lug and transition zone. Streets with a longitudinal slope of 12% or greater will require a 5' depth pavement lug. Extreme care shall be exercised during the excavation to provide minimum disturbance to the trench excavation. The excavation sides shall be vertical and any and all material shall be cleaned out of the bottom of the trench prior to setting steel and/or concrete placement. The excavation shall allow for a minimum of 12" thick PCC pavement to be installed at the centerline of the pavement lug tapering to typical pavement thickness (7") at a distance of 10' on the uphill side of the centerline of the lug and 9" on the downhill side of the centerline of the lug to facilitate installation of a Type "A2" Expansion Joint. Prior to the placement of concrete, all necessary reinforcing steel shall be placed and adequately tied to prevent movement or shifting during concrete placement. Reinforcing steel shall be #4 bars. Plastic chairs are to be utilized to ensure proper placement and cover of the reinforcing steel. Concrete for the pavement lug shall be poured monolithically with no cold joints and shall be vibrated during placement. The concrete specifications shall conform to the provisions stated above for the 7" PCC pavement bid tab item. All incidental work will be included as described above for the placement of the 7" PCC pavement in accordance with the City of Wentzville specifications.

The location of the pavement lugs will be designated in the field by the City of Wentzville representative and are subject to change only by the authorization of the City.

8" Portland Cement Concrete with Baskets - TBR&R

This work shall consist of the complete removal of the existing pavement section to a minimum depth of 12 inches below planned top of pavement and replacement with 8 inch (8") PCC pavement in accordance with Section 704 of the City of Wentzville Construction Specifications and Standard Details (CSSD), most current edition, over a compacted 4 inch (4") Type 5 aggregate base in accordance with Section 701 of the City of Wentzville CSSD, most current edition, and details located in the Technical Specifications and Job Specific Provisions, unless otherwise specified. The work shall conform to Standard Construction Detail (SCD) 700.24, Slab Replacement Details, located in the Technical Specifications, unless otherwise specified.

7" High Early Portland Cement Concrete (PCC) Pavement

This work shall consist of the complete removal of the existing pavement section to a minimum depth of 11 inches below planned top of pavement and replacement with 7 inch (7") High Early PCC pavement in accordance with Section 704 of the City of Wentzville Construction Specifications and Standard Details (CSSD), most current edition, over a compacted 4 inch (4") Type 5 aggregate base in accordance with Section 701 of the City of Wentzville CSSD, most current edition, and details located in the Technical Specifications and Job Specific Provisions, unless otherwise specified. The work shall conform to Standard Construction Detail (SCD) 700.24, Slab Replacement Details, located in the Technical Specifications, unless otherwise specified.

Through traffic must be maintained at all times. The Contractor shall not be permitted to remove an entire cross-section width of pavement at one time, unless otherwise

authorized by the City of Wentzville representative. The Contractor will incur all costs related to the placement, removal, disposal, and maintenance of rock base needed, to provide for through traffic, if an entire cross section width is removed without authorization.

Work considered incidental to the 7" High Early PCC Pavement – TBR&R includes but may not be limited too: full depth saw cuts, subgrade preparation and compaction, installation and compaction of the 4" Type 5 aggregate base, drilling and installation of #5 reinforcing steel tie bars, placement of keyway for #5 reinforcing steel tie bars, monolithic curb, power screeding, leveling, floating and broom finishing of the pavement, joint tooling, saw cutting, and sealing; application of the white pigmented cure membrane, and placement of all preformed fiber expansion joints at all exposed concrete surfaces including driveways, approaches, curb inlets, and sidewalks.

Traffic Control

The work shall consist of furnishing, placing, and maintaining signs, flags, barricades, fences, channelizes, and flagmen, temporary signals and any and all other necessary traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), provisions of this section per the Construction Detail, and as required by the City of Wentzville.

The Contractor shall provide, erect, move, and maintain traffic control devices as necessary to properly protect the work and provide for safe and convenient public travel for all work until acceptance by the City of Wentzville. The Contractor shall provide all signs, lights, posts, channels, fasteners, barricades, fences, labor and equipment to place the signs and signals in accordance with the plans and these specifications and as may be additionally required by the City of Wentzville.

Devices that are damaged or have lost a significant amount of their retroreflectivity and effectiveness shall be replaced.

The Contractor shall keep all street name and traffic signs in service during construction. If construction activities obscure or otherwise reduce the effectiveness of a traffic sign, the Contractor shall either reset the sign or provide additional signage as required by the City of Wentzville. The Contractor shall reset signs, as appropriate, after construction.

The Contractor shall provide the City of Wentzville with a name and telephone number of an individual who shall be on 24-hour call for erection and maintenance of traffic control devices or other problems that may occur. If the Contractor is unresponsive the City of Wentzville reserves the right to install and maintain the traffic control devices as deemed necessary and charge the Contractor for time and material based on a daily usage rate determined by the City of Wentzville.

Protection and Restoration

The work shall consist of the protection of the work areas during construction from damage and work needed to clean up and restore the entire area that was disturbed to facilitate the construction including but not limited to material storage areas, excavation behind back of curb, wash-out areas, areas disturbed due to thru traffic, etc.

Protection

The Contractor shall take precautions to protect the sub-grade, base rock, construction materials, forms, pins, and new pavement and curb, and the work area in general from damage due to weather, vandalism, traffic, or any other means. The Contractor shall also take all necessary precautions to ensure no concrete washout, cure membrane, form oil, sediment, or other construction debris, enters the storm sewer system or water body or is otherwise permitted to leave the site. All construction debris must be removed from the site.

Any and all damage to items including but not limited to public utilities, tree lawn/green space, sprinkler systems, private yard drains, private down spout drains, mailboxes, driveways, and landscaping shall be completely repaired to the owner's satisfaction.

Restoration

Restoration will consist of completely backfilling and/or re-grading all disturbed areas, including the area behind the back of curb, material storage areas, wash-out areas, etc., necessary to facilitate the removal, forming, and replacement of the designated slabs. Prior to restoration, all forming materials, excess concrete, wash-out material, and construction debris shall be removed from the area. The area shall be filled with earthen material free of any deleterious material, suitable for establishing grass (topsoil), and compacted to at least 88% of the maximum dry density as determined by the standard Proctor test (ASTM D 698). The method of compaction must be approved by the City of Wentzville representative, whether it is by mechanical or manual means. The grade shall be sloped to the top of the back of curb so as not to hold or pond water. Jetting the area will not be permitted. Seed and straw shall be placed in accordance with Section 801 of the City of Wentzville specifications.

Any and all settled areas and/or areas that do not have a consistent vegetative cover established will be required to be re-graded, re-seeded, and re-strawed before the City of Wentzville will accept the work. If watering is necessary, the Contractor will be required to purchase a daily water use tag or rent a meter from the City of Wentzville Public Work Department.

Repair of any and all damage to private property will require a letter signed by the property owner stating the item that was damaged, how it was repaired/replaced, that the owner is satisfied with the remedy, and that the owner will not hold the City of Wentzville liable for future issues with said damage.

End of Technical Specifications

Methods of Measurements and Payment

7" Portland Cement Concrete (PCC) Pavement - To Be Removed and Replaced (TBR&R)

This item shall consist of all existing pavement to be removed and replaced with 7" PCC pavement, including curb, over 4" of compacted Type 5 aggregate base as designated by the City of Wentzville.

Construction Methods

The construction methods for the installation of the 7" PCC pavement, curb, and 4" Type 5 aggregate base shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, the Job Specific Provisions, and the Technical Specifications.

Method of Measurement and Payment

This item shall be paid for as a unit price per square yard of 7" PCC pavement installed. Payment area will be measured transversely from the centerline to the back of curb, and longitudinally from joint to joint. This item shall include, but not be limited to all material, labor, equipment needed to full depth saw cut and remove all designated pavement and curb, disposal of removed pavement and construction debris, subgrade preparation, aggregate base installation and proper compaction, form installation and removal, full depth fiber expansion material installation, tie bar and keyway installation, concrete placement and finishing, monolithic curb, surface finish, required curing methods, joint sealing, and any and all other items necessary to provide a complete and usable street section as per this document.

8" Portland Cement Concrete (PCC) Pavement with Baskets - To Be Removed and Replaced (TBR&R)

This item shall consist of all existing pavement to be removed and replaced with 8" PCC pavement, including curb, baskets, over 4" of compacted Type 5 aggregate base as designated by the City of Wentzville.

Construction Methods

The construction methods for the installation of the 8" PCC pavement, baskets, curb, and 4" Type 5 aggregate base shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, the Job Specific Provisions, and the Technical Specifications.

Method of Measurement and Payment

This item shall be paid for as a unit price per square yard of 8" PCC pavement installed. Payment area will be measured transversely from the centerline to the back of curb, and longitudinally from joint to joint. This item shall include, but not be limited to all material, labor, equipment needed to full depth saw cut and

remove all designated pavement and curb, disposal of removed pavement and construction debris, subgrade preparation, aggregate base installation and proper compaction, form installation and removal, full depth fiber expansion material installation, tie bar and keyway installation, concrete placement and finishing, monolithic curb, surface finish, required curing methods, joint sealing, and any and all other items necessary to provide a complete and usable street section as per this document.

2' Curb and Gutter

This item shall consist of all 2 foot Curb and Gutter to be removed and replaced as designated by the City of Wentzville

Construction Methods

The construction methods for the installation of the 2' Curb and Gutter shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, the Job Specific Provisions, and the Technical Specifications.

Method of Measurement and Payment

This item shall be paid for as a unit price per lineal foot removed and installed. Payment will be measured from edge to edge in width (2' typical width) and measured longitudinally from joint to joint.

This item shall include, but not be limited to all material, labor, equipment needed to full depth saw cut and remove all designated sidewalk and ramps, disposal of removed sidewalk and construction debris, subgrade preparation and proper compaction, form installation and removal, full depth fiber expansion material installation, concrete placement and finishing, surface finish, required curing methods, joint sealing, resident/business notices, and any and all other items necessary to provide a complete and usable sidewalk section as per this document.

4" Portland Cement Concrete (PCC) Sidewalk – To Be Removed and Replaced (TBR&R)

This item shall consist of all 4" PCC Sidewalk to be removed and replaced as designated by the City of Wentzville.

Construction Methods

The construction methods for the installation of the 4" PCC Sidewalk shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, the Job Specific Provisions, and the Technical Specifications.

Method of Measurement and Payment

This item shall be paid for as a unit price per square yard of 4" PCC Sidewalk removed and installed. Payment will be measured from edge to edge in width (4' typical width) and measured longitudinally from joint to joint.

This item shall include, but not be limited to all material, labor, equipment needed to full depth saw cut and remove all designated sidewalk and ramps, disposal of removed sidewalk and construction debris, subgrade preparation and proper compaction, form installation and removal, full depth fiber expansion material installation, concrete placement and finishing, surface finish, required curing methods, joint sealing, resident/business notices, and any and all other items necessary to provide a complete and usable sidewalk section as per this document.

Over-excavation

This item shall consist of all work needed to remove unsuitable subgrade material and replace it with a Metropolitan Sewer District (MSD) Type 4 aggregate measuring 2 ½" maximum clean gradation as described in these documents.

Construction Methods

The construction methods for the removal and replacement of unsuitable material shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, and the Job Specific Provisions.

Method of Measurement and Payment

This item shall be paid for as a unit price per cubic yard of material removed and replaced as approved by the City of Wentzville representative. The area will be measured as described in the Job Specific Provisions. This item shall be all inclusive of all material, labor, equipment and operations to remove the unsuitable material and replace it with the approved material to a depth specified by the City of Wentzville representative. No payment will be made for any work not measured and/or authorized by the City of Wentzville. This item does not include any excavation that will be needed for the installation of underdrains.

Type "A2" Expansion Joints

This item shall consist of all work needed to install full depth pre-molded fiber board expansion joints at areas designated by the City of Wentzville representative.

Construction Methods

The construction methods for the installation of the Type "A2" expansion joints shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, and the Job Specific Provisions, and as per detail 700.07 located in the Technical Specifications of this contract.

Method of Measurement and Payment

This item shall be paid for as a unit price per lineal foot of Type “A2” expansion joint. Joint length will be measured as is it installed. This item shall be all inclusive of all material, labor, equipment and operations needed to install the 2” wide full depth pre-molded fiber board and to install the joint sealant at areas specified by the City of Wentzville representative. No payment will be made for any work not authorized by the City of Wentzville.

Underdrains

This item shall consist of all work needed to install under-drains at the locations designated by the City of Wentzville representative. These drains will be installed a full cross-section width in all areas or as otherwise directed by the City of Wentzville representative.

Construction Methods

The construction methods for the installation of the under drains shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, the Job Specific Provisions, and as per detail 700.28 located in the technical specifications of this contract.

Method of Measurement and Payment

This item shall be paid for as each full cross section width of under-drain is installed in the field. This item shall be all inclusive of all material, labor, equipment and operations needed to excavate and install the under-drains as specified by the City of Wentzville representative. No payment will be made for any work not authorized by the City of Wentzville.

ADA Compliant Curb Ramp

This item shall consist of all work needed to install curb ramps at the locations designated by the City of Wentzville representative. These ramps shall meet all requirements set forth in the Americans with Disabilities Act.

Construction Methods

The construction methods for the installation of the curb ramps shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, the Job Specific Provisions, and as per details 700.14, 700.15, and 700.16 located in the technical specifications of this contract.

Method of Measurement and Payment

This item shall be paid for as each full curb ramp installed in the field. This item shall be all inclusive of all material, labor, equipment and operations needed to excavate and install the curb ramp as specified by the City of Wentzville

representative. No payment will be made for any work not authorized by the City of Wentzville.

Pavement Lugs

This item shall consist of all work needed to install pavement lugs at the locations designated by the City of Wentzville representative. These lugs will be installed a full cross-section width in all areas or as otherwise directed by the City of Wentzville representative.

Construction Methods

The construction methods for the installation of the under drains shall be as per St. Louis County Pavement Construction Detail C604.40 located in the technical specifications of this contract.

Method of Measurement and Payment

This item shall be paid for as each full cross section (26' width) pavement lug is installed in the field. This item shall be all inclusive of all material, labor, equipment and operations needed to excavate and install the pavement lug in accordance with the detail C604.40 and as specified by the City of Wentzville representative. No payment will be made for any work not authorized by the City of Wentzville. Type "A2" Expansion Joints, as shown on the detail, will be paid separately at their unit price.

7" High Early Portland Cement Concrete (PCC) Pavement - To Be Removed and Replaced (TBR&R)

This item shall consist of all existing pavement to be removed and replaced with 7" PCC High Early pavement, including curb, over 4" of compacted Type 5 aggregate base as designated by the City of Wentzville.

Construction Methods

The construction methods for the installation of the 7" PCC pavement, curb, and 4" Type 5 aggregate base shall be as set forth in the City of Wentzville Construction Specifications and Standard Details, most current edition, the Job Specific Provisions, and the Technical Specifications.

Method of Measurement and Payment

This item shall be paid for as a unit price per square yard of 7" PCC High Early pavement installed. Payment area will be measured transversely from the centerline to the back of curb, and longitudinally from joint to joint. This item shall include, but not be limited to all material, labor, equipment needed to full depth saw cut and remove all designated pavement and curb, disposal of removed pavement and construction debris, subgrade preparation, aggregate base installation and proper compaction, form installation and removal, full depth fiber expansion material installation, tie bar and keyway installation, concrete

placement and finishing, monolithic curb, surface finish, required curing methods, joint sealing, and any and all other items necessary to provide a complete and usable street section as per this document.

Traffic Control: 25 MPH Work Areas

This item shall consist of all work needed to install, and maintain all safety traffic control devices required to facilitate construction and to allow for through traffic at all times.

Construction Methods

The construction methods for the installation of the traffic control devices will be as set forth in the Manual on Uniform Traffic Control Devices (MUTCD) most current edition, including revisions and as detailed in the Technical Specifications.

Method of Measurement and Payment

This item shall be paid for as each contract day that traffic control is in place and functioning properly in 25 MPH work areas. This item shall be all inclusive for all labor, materials, equipment, and operations needed to install and maintain the safety traffic control devices. No payment shall be made for days that traffic control devices are not in place, or functioning properly.

Protection and Restoration

This item shall consist of all work needed to clean up and restore the entire area that was disturbed to facilitate the construction. The item shall include, but not be limited to all labor, materials, and equipment needed to backfill all disturbed areas, permanent seed and straw, re-grade, re-seed, and re-straw any areas that settle or do not have consistent vegetative cover established, provide and take down silt fence, repair of any and all damaged items including but not limited to public utilities, sprinkler systems, private yard drains, private down spout drains, mailboxes, and landscaping, notification letters, resident agreement letters for damage, site clean-up, and any other work necessary to complete the construction and fully restore the work areas which may not be covered under any other individual bid tab item.

Construction Methods

This item shall follow Protection and Restoration procedures set forth in Part 7 Section A of the Metropolitan St. Louis Sewer District Standard Specifications for Sewers and Drainage Facilities, most current edition, the Job Specific Provision, and the Technical Specifications.

Method of Measurement and Payment

This item shall be paid for under the lump sum unit bid price for Protection and Restoration. Incremental payments may be made for this item as the work is

completed. The payment will be based on the City of Wentzville representative's judgment of the completed Protection and Restoration at the time of the submitted pay request. This item will include all items as listed above and any other construction activity or procedure not covered in these specifications. This item includes all labor, material and equipment necessary to complete the construction project. No extra payment shall be given for any utility coordination or repair.

End of Methods of Measurement and Payment

Job Specific Provisions

1. Prior to commencing any work, including saw-cutting, the Contractor shall submit the following items for review and approval:
 - a) Schedule of construction, including phasing plans for the sequencing of tear out and replacements for each street.
 - b) General Traffic Control Plan for typical 26' pavement width local work areas.
 - c) Aggregate Supplier
 - i. Type 5
 - ii. 1" Clean (Underdrain)
 - iii. 2 ½" Clean (Over-excavation)
 - d) Concrete Mix Designs
 - i. Standard
 - ii. High Early (as necessary)
 - e) Air Entrainment
 - f) Reinforcing Steel
 - g) White Pigmented Curing Membrane
 - h) Hot Pour Sealant
 - i) Underdrain
 - i. Filter Fabric
 - ii. 6" Perforated Pipe
 - j) Emergency Contact
 - k) Form of resident notification letter/door hanger.
 - l) Dump Site/Material Storage Letters. Letters must include owner name and contact information, site address, and must be signed and dated indicating the owners acceptance of the construction debris and/or use of property for material storage. If a proposed "dump site" is within the City of Wentzville, the property owner is required to obtain a Grading Permit from the City of Wentzville Public Works Department, Engineering Division, prior to any grading operations. If the necessary permits are not in place it will result in a stop work order being placed on the "dump site".
 - m) Due to limited site distance on White Fence Drive, a detailed phasing, and traffic control plan shall be submitted for review.
2. A minimum of **three (3) days** prior to work commencing on a street, the Contractor shall provide **written** notification of the pavement replacements to all affected residents living on a street in the work area. The notifications can be in the form of mailed letters or door hangers.
3. The nature of this work will limit access to private driveways. The contractor shall schedule the work, such that at no time will any driveway be closed for more than **ten (10)** consecutive calendar days. This includes excavation, setup, placement, and cure time. The contractor will be charged Liquidated Damages in the amount of two-hundred-fifty dollars (\$250) for every day this specification is not met. Should weather, or other delays occur; the contractor shall provide the resident with a temporary rock driveway until the concrete can be replaced.

4. The Contractor shall determine the location of all existing utilities before commencing work by contacting Missouri One Call System, Inc. or other necessary entities. Contacting Missouri One Call does not relieve the Contractor from their responsibility of checking with the Recorder of Deeds for owner/operators of all underground utilities in the area. If a public or private utility is damaged, the Contractor shall notify the owner. Any damage to public or private utilities shall be repaired or replaced at the sole expense of the Contractor to the satisfaction of the owner.
5. No construction staking will be required for this project. If any construction staking is necessary for the construction it shall be considered incidental to the construction.
6. Full depth saw cuts to produce a flush flat surface shall be required at all limits of removal including but not limited to transverse and longitudinal joints in the existing pavement, driveway approaches, sidewalks, and curb to be removed and replaced. Saw cuts will typically be required at the nearest joint location or as otherwise directed by the City of Wentzville representative. Some saw cuts will not fall on existing joints. **The Contractor will be responsible for any damage including but not limited to adjacent concrete slabs, driveway approaches, sidewalk, and curb due to an insufficient saw cut, or improper or negligent installation procedures.** The City representative reserves the right to require removal of any damaged slabs. **Half slab or partial slab replacements will not be permitted.**
7. All concrete and paving construction shall conform to the City of Wentzville Construction Specification and Standard Details, most current edition, unless otherwise stated in the contract. Selected standard construction details (SCD) are located in these documents.
8. Regular work for this project shall take place between March 15th and October 15th unless otherwise authorized by the City of Wentzville representative. All tear-outs must be poured back and fully open to traffic by October 15th at the latest. The dates are subject to change only as authorized by the City of Wentzville representative.
9. No water (mix or finish) shall be added or applied to the concrete once it leaves the plant without the approval of the City of Wentzville representative. The addition of unauthorized water (mix or finish) shall be grounds for the rejection of the entire load and/or removal of slabs. This includes surface spray and/or brush water to aid in finishing.
10. Soft forming will be considered for this project. The Contractor's performance utilizing the soft forming method will be evaluated regularly and the City reserves the right at any time to require hard forms if the workmanship, quality, and/or lines and grades of the soft formed pavement is deemed unacceptable.
11. Driveways in areas prone to street movement shall have a minimum 2" width fiber expansion joint installed at the end of the driveway in lieu of the typical ½" fiber expansion joint. Driveways in street movement prone areas to have the additional width fiber joint material installed will be pre-sawed by City of Wentzville personnel. Removal of the 2" of driveway material, any necessary excavation, and installation of the full depth fiber expansion joint will be the responsibility of the Contractor.

12. The approved concrete mix shall be used in all removals and replacements being done as a corrective measure due to any of the conditions listed above. The use of patching or grouting for a correction will not be allowed unless otherwise authorized by the City of Wentzville representative. **Half-slab or partial slab replacements will not be permitted.**
13. Concrete testing and base rock compaction testing will be performed by a materials testing company provided by the City of Wentzville. Testing will be done at every location designated by the City of Wentzville representative. No work is to be completed without the notification of the City of Wentzville representative at least 24 hours in advance.
14. The Contractor is responsible for determining and providing suitable areas/facilities for concrete truck wash-out. Washing out in the over-dig area behind the back of curb will not be permitted. All wash-out areas shall be fully restored upon completion of the project. **Wash-out material shall not be allowed to enter the storm sewer system.** Any wash-out material that enters the storm sewer system, a creek, stream, or other body of water may result in a citation for illicit discharge and will require remediation.
15. All damage to sprinkler systems, yard drains, down spout drains, mailboxes, and landscaping, or any other items disturbed during the work shall be repaired or replaced at the sole expense of the Contractor to the satisfaction of the resident/owner of the damaged item. Any items damaged and repaired will require a letter signed by the resident/owner stating what was damaged, that is has been repaired to the satisfaction of the resident/owner, and that the City of Wentzville shall not be held responsible for any future issues that may arise related to the damage.
16. The Contractor is responsible for purchasing a daily water use tag or rental of a meter for any required watering. Failure to purchase a daily water use tag or rental of a meter for watering will result in a citation. Any areas disturbed outside the project limits will require sod to be placed and watered for 30 days.
17. All replaced pavement is subject to a straightedge test to asses ride quality in accordance with Sections 704.10d, Straight-Edge Testing and Surface Correction, in the latest edition of the City of Wentzville's Standard Specifications and Construction Details.
18. As soon as practicable, after placement the pavement surface shall be strait edged by the city's engineering staff, in accordance with the City of Wentzville's Standard Construction Specifications and Construction Details section 704.14. Due to time lost repairing the slabs, the Contractor will only be paid at 75% the unit bid cost for each slab observed outside of the acceptable tolerances. Additionally, payment will be withheld from the Contractor for each slab observed outside for the acceptable tolerances until all necessary repairs and/or replacement of the pavement has been made. The Contractor shall incur all costs required to repair or replace the pavement following the straightedge testing.
19. Any and all patching of streets, parking areas, driveways, etc. adjacent to a replacement area shall be the responsibility of the Contractor and considered

incidental to the construction. Necessary patching may include, concrete, asphalt, gravel, etc.

20. Unless otherwise indicated, the following defects will require full slab removal and replacement from joint to joint, at the sole expense of the Contractor:

- a) Pavement that does not meet the required minimum compressive strength and/or air content requirement.
 - i. Pavement that does not achieve 4000 psi at 28 days
 - ii. Concrete placed where tests indicated an air content outside of the acceptable range of 5.5% (+/- 1.5%).
- b) Pavement opened to traffic prior to authorization.
- c) Pavement with a half inch (.5") or more thickness deficiency as determined by a 2" core drill sample.
- d) Differential settlement or movement that has occurred at a joint or crack.
- e) Depressions holding water more than one-eighth (1/8") deep. The City of Wentzville reserves the right to permit isolated grinding of small areas of up to one-quarter of an inch (1/4") deep to promote drainage.
- f) Over-breakage-This includes minor chips to existing pavement remaining or new pavement.
- g) Damage to previously placed pavement during excavation of the second lane width.
- h) Any damages resulting from the negligence on the part of the Contractor.
- i) Rain and/or weather damage that in the opinion of the City of Wentzville representative will affect the durability or longevity of the slab.
- j) Pavement slabs that form pop-outs or more than one crack other than a single temperature/shrinkage crack that shows no sign of differential settlement or movement. Slabs that have only a single shrinkage crack shall be v-grooved and sealed with a joint sealant conforming to the City of Wentzville specifications.
- k) Pavement slab segments that have continuous and/or multiple cracks running into adjacent slabs either parallel or perpendicular to the centerline.
- l) Pavement slabs that have been vandalized or defaced prior to acceptance by the City of Wentzville. At the discretion of the City of Wentzville, the Contractor may be allowed to attempt to repair or correct the defect, at the Contractor's expense, to avoid full removal. The method of correction must be authorized by the City of Wentzville. If, in the opinion of the City of Wentzville representative, the repair/correction did not adequately address the defect the pavement shall be removed and replaced at the Contractor's expense.
- m) Pavement slabs which have Type "A2" expansion joints, and/or underdrains, and/or pavement lugs designated to be installed, and the Contractor fails to install the expansion joints, underdrain, or pavement lug prior to pouring of the slab. No sawed in expansion joints, underdrains, or pavement lugs will be permitted.
- n) Pavement slabs where the required 1/2" full depth expansion joint or 2" street movement expansion joint was not placed adjacent to existing pavement, inlets, sidewalk, driveways, etc.

21. Upon substantial completion of the work the Contractor shall formally request a Final Inspection. The City representative will complete a Final Inspection and provide the Contractor with a Final Inspection Report. Prior to authorization of final payment all items on the Final Inspection Report must be completed and the following items, at a minimum, must be submitted:

- a) Executed *Affidavit of Compliance – Missouri Prevailing Wage Law*
- b) Executed *Contractor's Certification Regarding Settlement of Claims* including individual lien waivers from all suppliers, subcontractors, and vendors that provided products, materials, and/or services to the Contractor.
- c) Executed *Guarantee of Materials and Construction*
- d) *Maintenance Bond*, as required by the contract specifications.

22. In areas where the street slab adjacent to curb ramp is to be replaced, the curb ramp shall be replaced as well. It is the responsibility of the contractor to insure that the new curb ramp meets the requirements set forth in the Americans with Disabilities Act.

End of Job Specific Provisions

Missouri

Division of Labor Standards

WAGE AND HOUR SECTION



JEREMIAH W. (JAY) NIXON, Governor

Annual Wage Order No. 22

Section 092

ST. CHARLES COUNTY

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by

John E. Lindsey, Director
Division of Labor Standards

This Is A True And Accurate Copy Which Was Filed With The Secretary of State: **March 10, 2015**

Last Date Objections May Be Filed: **April 9, 2015**

Prepared by Missouri Department of Labor and Industrial Relations

OCCUPATIONAL TITLE	** Date of Increase	*	Basic Hourly Rates	Over-Time Schedule	Holiday Schedule	Total Fringe Benefits
Asbestos Worker (H & F) Insulator	1/16		\$38.36	55	60	\$21.41
Boilermaker	9/15		\$32.76	126	7	\$30.10
Bricklayer and Stone Mason	11/15		\$32.50	72	5	\$20.69
Carpenter	6/15		\$36.34	77	41	\$15.75
Cement Mason	6/15		\$30.56	80	6	\$17.30
Communication Technician	12/15		\$31.35	44	47	\$9.53 + 31.75%
Electrician (Inside Wireman)	8/15		\$34.20	82	71	\$10.78 + 39.5%
Electrician (Outside-Line Construction/Lineman)	9/15		\$42.52	43	45	\$5.00 + 36.5%
Lineman Operator	9/15		\$36.70	43	45	\$5.00 + 36.5%
Groundman	9/15		\$28.38	43	45	\$5.00 + 36.5%
Elevator Constructor	8/15	a	\$45.09	26	54	\$30.005
Glazier	6/15		\$33.13	87	31	\$19.58 + 10.53%
Ironworker	8/15		\$32.88	11	8	\$23.825
Laborer (Building):						
General			\$30.53	118	57	\$12.97
First Semi-Skilled			\$31.56	114	27	\$12.82
Second Semi-Skilled			\$30.52	5	3	\$12.82
Lather			USE CARPENTER RATE			
Linoleum Layer and Cutter	6/15		\$31.08	92	26	\$15.45
Marble Mason	10/15		\$31.43	76	51	\$14.17
Marble Finisher	10/15		\$26.18	76	51	\$13.47
Millwright			USE CARPENTER RATE			
Operating Engineer						
Group I	6/15		\$32.16	3	66	\$24.16
Group II	6/15		\$32.16	3	66	\$24.16
Group III	6/15		\$30.26	3	66	\$24.16
Group III-A	6/15		\$32.16	3	66	\$24.16
Group IV	6/15		\$26.80	3	66	\$24.16
Group V	6/15		\$26.80	3	66	\$24.16
Painter	10/15		\$31.65	104	12	\$13.76
Pile Driver			USE CARPENTER RATE			
Pipe Fitter	7/15		\$37.00	91	69	\$26.68
Plasterer	7/15		\$31.06	67	3	\$17.53
Plumber	7/15		\$37.00	91	69	\$26.68
Roofer \ Waterproofer			\$30.70	15	73	\$16.67
Sheet Metal Worker	10/15		\$39.63	32	25	\$21.72
Sprinkler Fitter - Fire Protection	10/15		\$41.96	66	18	\$21.62
Terrazzo Worker	6/15		\$32.11	116	5	\$13.37
Terrazzo Finisher	10/15		\$30.35	116	5	\$11.84
Tile Setter	10/15		\$31.43	76	51	\$14.17
Tile Finisher	10/15		\$26.18	76	51	\$13.47
Traffic Control Service Driver			\$28.775	22	55	\$9.045
Truck Driver-Teamster			\$30.41	35	36	\$10.82

Fringe Benefit Percentage is of the Basic Hourly Rate

**Annual Incremental Increase

**REPLACEMENT PAGE
ST. CHARLES COUNTY
BUILDING CONSTRUCTION OVERTIME SCHEDULE**

FED: Minimum requirement per Fair Labor Standards Act means time and one-half (1 ½) shall be paid for all work in excess of forty (40) hours per work week.

NO. 3: Means the regular workday shall consist of eight (8) consecutive hours, exclusive of a thirty (30) minute lunch period, with pay at the straight time rate. The regular workday shall begin between the hours of 6:00 a.m. and 9:00 a.m. The Employer may have the option to schedule the work week from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be paid at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather, holiday or other conditions beyond the control of the Employer, they shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hours for the workweek. All overtime work performed on Monday through Saturday shall be paid at time and one-half (1½) the hourly rate plus an amount equal to one-half (½) of the hourly Total Indicated Fringe Benefits. All work performed on Sundays and recognized holidays shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits. Shifts may be established when considered necessary by the Employer. Shift hours and rates will be as follows. If shifts are established, work on the First Shift will begin between 6:00 a.m. and 9:00 a.m. and consist of eight (8) hours of work plus one-half hour unpaid lunch. Hours worked during the first shift will be paid at the straight time rate of pay. The second shift shall start eight hours after the start of the first shift and consist of eight (8) hours of work plus one-half hour unpaid lunch. Work on the second shift will begin between 2:00 p.m. and 5:00 p.m. and be paid the straight time rate plus \$2.50 per hour. The third shift shall start eight hours after the start of the second shift and consist of eight (8) hours plus one-half hour unpaid lunch. Work on the third shift will begin between 10:00 p.m. and 1:00 a.m. and be paid the straight time rate plus \$3.50 per hour. The additional amounts that are to be paid are only applicable when working shifts. Shifts that begin on Saturday morning through those shifts which end on Sunday morning will be paid at time and one-half these rates. Shifts that begin on Sunday morning through those shifts which end on Monday morning will be paid at double time these rates.

NO. 5: Means eight (8) hours shall constitute the regular workday between the hours of 6:00 a.m. and 5:30 p.m., except when the Employer elects to work four 10-hour days as described below. The starting time of the workday can be adjusted from 6:00 a.m. to 9:00 a.m. The Employer may have the option to schedule his workweek from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), he shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. However, should a holiday occur, Monday through Thursday, the Employer shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. Time and one-half (1½) shall be paid for work performed in excess of eight (8) hours on any regular workday or outside the hours limiting a regular workday, Monday through Friday. Time and one-half (1½) shall be paid for work performed on Saturdays. Double (2) time shall be paid for work performed on Sundays and recognized holidays. Overtime shall be computed at one-half (½) hour intervals. **Projects that cannot be performed during regular workday:** Where specifications issued by governmental agencies require work to be performed outside the regular workday, the starting time will begin when the employee starts to work. The employee shall be paid applicable straight time hourly wage plus a premium of (\$2.50) per hour for the first eight (8) hours worked. Any hours worked in excess of eight (8) hours shall be paid at the applicable overtime rate. **Shift work:** Shifts may be established when necessary by the Employer. Shifts shall be established for a minimum of three (3) consecutive workdays. The first shift will be paid at eight (8) hours straight time pay for eight (8) hours worked. The second shift will be paid at eight (8) hours straight time pay plus a two dollar and fifty cent (\$2.50) per hour premium for eight (8) hours work. The third shift will be paid at eight (8) hours straight time pay plus a three dollar and fifty cent (\$3.50) per hour premium for eight (8) hours work. Payment for shift work shall be determined when an Employer first begins his shift operation, i.e., the shifts which begin on Friday morning and end on Saturday morning will be paid straight time; the shifts which start on Saturday morning and end on Sunday morning will be paid at time and one-half (1½); the shift that start on Sunday morning and end on Monday morning will be paid at two (2) times the regular rate of pay. Employees working during the normal workday shall receive first shift pay; employees working predominantly during the evening hours shall receive second shift pay; employees working predominately during the early morning hours will receive third shift pay. Nothing above prohibits the working of two (2) shifts greater than eight (8) hours with excess hours to be paid at overtime rate.

NO. 11: Means eight (8) hours shall constitute a day's work, with the starting time to be established between 6:00 a.m. and 8:00 a.m. from Monday to Friday. Time and one-half (1½) shall be paid for first two (2) hours of overtime Monday through Friday and the first eight (8) hours on Saturday. All other overtime hours Monday through Saturday shall be paid at double (2) time rate. Double (2) time shall be paid for all time on Sunday and recognized holidays or the days observed in lieu of these holidays.

**REPLACEMENT PAGE
ST. CHARLES COUNTY
BUILDING CONSTRUCTION OVERTIME SCHEDULE**

NO. 15: Means the regular working day shall be scheduled to consist of at least eight (8) hours, but no more than ten (10) consecutive hours, exclusive of the lunch period. The regular working day may be scheduled to commence at any time between the hours of 5:00 a.m. and 10:00 a.m. All work performed in excess of forty (40) hours in one work week, or in excess of ten (10) hours in one work day shall be paid at the rate of one and one-half (1½) times the regular hourly wage scale. Any work performed on a Saturday shall be paid for at the rate of one and one-half (1½) times the regular hourly wage scale unless such Saturday work falls under the category of Saturday Make-Up Day. Any work performed by Employees anywhere on Sunday or recognized holidays, shall be paid for at the rate of double (2) times the regular wage scale. If, during the course of a work week, an Employee is unable to work for any reason, and, as a result, that Employee has not accumulated forty (40) hours of compensable time at the straight time rate, the Employer, at his option may offer the Employee the opportunity to work on Saturday at straight time; provided, however, if during the period worked by said Employee on Saturday, the Employee's compensable time at the straight time rate exceeds forty (40) hours, all time worked in excess of the forty (40) hours will be paid at the rate of one and one-half (1½) times the regular hourly wage scale.

NO. 22: Means a regular work week of forty (40) hours will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof may be worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A workday is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time may be advanced or delayed if mutually agreed to by the interest parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

NO. 26: Means that the regular working day shall consist of eight (8) hours worked between 6:00 a.m., and 5:00 p.m., five (5) days per week, Monday to Friday, inclusive. Hours of work at each jobsite shall be those established by the general contractor and worked by the majority of trades. (The above working hours may be changed by mutual agreement). Work performed on Construction Work on Saturdays, Sundays and before and after the regular working day on Monday to Friday, inclusive, shall be classified as overtime, and paid for at double (2) the rate of single time. The employer may establish hours worked on a jobsite for a four (4) ten (10) hour day work week at straight time pay for construction work; the regular working day shall consist of ten (10) hours worked consecutively, between 6:00 a.m. and 6:00 p.m., four (4) days per week, Monday to Thursday, inclusive. Any work performed on Friday, Saturday, Sunday and holidays, and before and after the regular working day on Monday to Thursday where a four (4) ten (10) hour day workweek has been established, will be paid at two times (2) the single time rate of pay. The rate of pay for all work performed on holidays shall be at two times (2) the single time rate of pay.

NO. 32: The regular working day shall consist of eight (8) hours of labor on the job between six (6) a.m. and four (4) p.m. and the regular working week shall consist of five (5) consecutive eight (8) hour day's of labor on the job beginning with Monday and ending with Friday of each week. The normal work week is 40 hours. All full-time or part-time labor performed during such hours shall be recognized as regular working hours and paid for at the regular hourly rate. All work performed during regular work hours on Saturdays will be paid at time and one-half (1 ½). All work performed outside of regular working hours and performed during the regular work week, shall be at double (2) times the regular rate, except that the first two (2) hours following the regular work day shall be paid at one and one-half (1½) times the regular rate. An early starting time of 6:00 a.m. may be used mutually agreed upon by the interested parties. SHIFT RATE: Shift work would start after 4:00 p.m. to 6:00 a.m. The first 8 hours would be at 115% of the basic wage rate. Overtime Monday through Friday would be at 1 ½ of base shift rate. Saturday regular work day hours – 1½ of base shift rate. Saturday – work after 8 hours – 2 times the basic wage rate. Sunday and Holidays – 2 times the basic wage rate. All work performed on recognized holidays and Sundays shall be paid double (2) time. Appropriate overtime rates to be based on fifteen minute increments.

NO. 35: Means a regular work week of forty (40) hours, will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof maybe worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A work day is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time maybe advanced or delayed if mutually agreed to by the interested parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

**REPLACEMENT PAGE
ST. CHARLES COUNTY
BUILDING CONSTRUCTION OVERTIME SCHEDULE**

NO. 43: Eight (8) hours shall constitute a work day between the hours of 7:00 a.m. and 4:30 p.m. Forty (40) hours within five (5) days, Monday through Friday inclusive, shall constitute the work week. Work performed in the 9th and 10th hour, Monday through Friday, shall be paid at time and one-half (1½) the regular straight time rate of pay. Contractor has the option to pay two (2) hours per day at the time and one-half (1½) the regular straight time rate of pay between the hours of 6:00 a.m. and 5:30 p.m., Monday through Friday. Work performed outside the regularly scheduled working hours and on Saturdays, Sundays and recognized legal holidays, or days celebrated as such, shall be paid for at the rate of double (2) time.

NO. 44: Means forty (40) hours shall constitute a work week, Monday through Friday. Eight (8) hours shall constitute a work day. Hours of work shall be between the hours of 7:00 a.m. and 4:30 p.m. All work performed before 7:00 a.m. and after 4:30 p.m. and all work performed in excess of eight (8) hours in any one work day, over forty (40) hours in any work week and the first eight (8) hours of work on Saturday, shall be paid at the rate of one and one-half (1½) times the regular rate of pay. All hours worked in excess of eight (8) hours on Saturday, all hours worked on Sunday and on holidays, or days that may be celebrated as such, and as designated by the federal government, shall be paid at two (2) times the regular rate of pay. All shifts for work performed between the hours of 4:30 p.m. and 1:00 a.m. shall receive eight (8) hours pay at the regular hourly rate of pay plus two dollars (\$2.00) per clock hour. All work performed between the hours of 12:30 a.m. and 9:00 a.m. on a third shift shall receive eight (8) hours pay at the regular hourly rate plus four dollars (\$4.00) per clock hour. All overtime work required after the completion of a regular shift shall be paid at one and one-half times (1½ x) the "shift" hourly rate.

NO. 55: Means the regular work day shall be eight (8) hours between 6:00 a.m. and 4:30 p.m. The first two (2) hours of work performed in excess of the eight (8) hour work day, Monday through Friday, and the first ten (10) hours of work on Saturday, shall be paid at one & one-half (1½) times the straight time rate. All work performed on Sunday, observed holidays and in excess of ten (10) hours a day, Monday through Saturday, shall be paid at double (2) the straight time rate.

NO. 66: Means eight (8) hours shall constitute a day's work beginning at 7:00 a.m. (or 8:00) A.M. and ending at 3:30 (or 4:30) P.M. The work week shall be forty (40) hours beginning Monday at 7:00 a.m. (or 8:00) A.M. and ending Friday at 3:30 (or 4:30) P.M. The Employer at his option may use a flexible starting time between the hours of 6:00 a.m. and 8:00 a.m. All overtime, that is worked outside of the above established working hours of Monday through Friday, shall be paid at double (2) time, including Saturdays, Sundays and Holidays.

NO. 67: Means eight (8) hours shall constitute a day's work, with a flexible starting time to begin between 6:00 a.m. to 8:00 a.m., five (5) days a week, Monday through Friday. Any work over eight (8) hours in any one day shall be at the overtime rate, which is time & one-half (1½). Any work on Saturday shall be at time & one-half (1½), unless a Make-Up Day due to inclement weather is in effect. Any work on Sundays or holidays shall be at double (2) time. Four (4) days, ten (10) hours each day to be worked during Monday through Friday, shall be paid at straight time. A Make-Up Day Due To Inclement Weather Only - Employee(s) will be permitted to work an eight (8) hour make-up day on Saturday only, and the employee will receive the regular straight time wage rate.

NO. 72: Means that except as is otherwise provided herein, the work week shall be determined to begin at 8:00 a.m. Wednesday and end at 4:30 p.m. on the following Tuesday. Except as herein provided, working hours are from 8:00 a.m. to 11:55 a.m. and 12:30 p.m. to 4:25 p.m. and no more than the regular hours shall be worked during the forenoon or afternoon at the regular rate. In the case of days of inclement weather starting time and quitting time may be adjusted so long as the hours worked on such days do not exceed eight (8) and do not extend beyond 4:30 p.m. In circumstances where the Employee or Employees have regularly been working overtime on a particular day or days, no adjustment in the starting time shall operate to deprive Employees of overtime pay, which they would have otherwise received but for the change in the starting time. The parties understand that the application of the provisions of the preceding sentence will result in Employees receiving overtime pay even where they have not worked more than with (8) hours on a particular day. Regardless of the starting time, the forenoon working hours shall end at 11:55 a.m. and the afternoon working hours shall begin at 12:30 p.m. and end 8 hours and 25 minutes after the starting time fixed by the Employer for forenoon hours. Work performed by an employee on a non-holiday Saturday, except as hereinafter provided, or at night or before or after regular working hours on a non-holiday weekday, shall be considered overtime work, for which Employees working during such time shall be paid at the rate of one and one-half (1½) times their regular hourly wage rate for each hour or fraction thereof, worked during such time. Work performed on a Sunday or the recognized holidays shall be considered overtime work for which the Employee shall be paid twice the amount of his or her regular hourly wage rate for each hour or fraction thereof worked on any such day.

**REPLACEMENT PAGE
ST. CHARLES COUNTY
BUILDING CONSTRUCTION OVERTIME SCHEDULE**

NO. 76: Means the standard workday shall consist of eight (8) hours of work between the hours of 8:00 a.m. and 4:30 p.m. with a thirty (30) minute unpaid lunch hour occurring in the middle of the shift. The standard workweek shall consist of five standard workdays commencing on Monday and ending on Friday. The normal starting and quitting times may be changed by mutual consent of interested parties. All time worked before and after the established eight (8) hour workday, Monday through Friday, and all time worked on Saturday, shall be paid for at the rate of time & one-half (1½) the hourly base wage rate in effect. All time worked on Sunday and holidays shall be paid at the rate of double (2) the hourly wage in effect. All work done on Saturday will be done at time & one-half (1½), unless Saturday shall be used as a make-up day. If an employee should lose one or more days in a work week and use Saturday as a make-up day the pay shall be at the regular hourly base wage rate and benefits.

NO. 77: Means the regular workday shall consist of eight (8) consecutive hours, exclusive of a thirty (30) minute lunch period, with pay at the regular straight time hourly rate. The regular workday shall begin on the job site between the hours of 6:00 a.m. and 8:00 a.m. with the starting time to be determined by the Employer, unless project owner requires different starting time. This adjustable starting time can, at the Employer's option, be staggered to permit starting portions of the work force at various times within the prescribed hours. The Employer may establish a four (4) ten (10) hour shift exclusive of the thirty (30) minute lunch period at the straight time wage rate. Forty (40) hours per week shall constitute a week's work Monday through Thursday. In the event a job is down due to weather conditions, safety or other conditions beyond the control of the Employer, then Friday may, at the option of the employer, be worked as a make-up day at the straight time wage rate. Straight time is not to exceed ten (10) hours a day or forty (40) hours per week. Time and one-half (1 ½) shall be paid for all overtime hours worked during the week, Monday through Friday and for all work performed on Saturday. Double (2) time shall be paid for all time worked on Sunday and recognized holidays.

NO. 80: Means eight (8) hours shall constitute the regular work day and forty (40) hours a work week, Monday through Friday. The Employer shall establish the starting time between 6:30 a.m. through 9:00 a.m. An Employer may further adjust the starting time up to 9:30 a.m. throughout the year. Time and one-half (1½) shall be paid after eight (8) consecutive hours worked after the established starting time and for hours worked before the established starting time. Time and one-half (1½) shall be paid for work performed on Saturdays. Work performed on Sundays and Holidays shall be paid at the double (2) time rate of pay. The Employer when working on Highway and Road Work may have the option to schedule the work week for his paving crew only from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate of time and one-half (1½). If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), the Employer shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hours.

NO. 82: Means the work day shall consist of eight (8) hours worked between 7:00 a.m. and 4:30 p.m. Forty (40) hours will constitute the work week from Monday through Friday, inclusive. Up to four (4) hours of overtime work per day performed before or after the assigned normal work day, (twelve (12) continuous hours, starting no earlier than 6:00 a.m., Monday through Friday), shall be paid at a rate of one and one-half times (1.5x) that employee's hourly rate. Any additional overtime, Monday through Friday, shall be paid at two times (2x) the regular rate of pay. The first eight hours of overtime work on Saturday shall be paid at the rate of one and one-half times (1.5x) the regular rate of pay. Hours worked in excess of eight (8) hours on Saturday shall be paid at two times (2x) the regular rate of pay. Double time shall be paid for work performed on Sundays, recognized legal holidays or days that may be celebrated as such as designated by the federal government. All shifts for work performed between the hours of 4:30 p.m. and 1:00 a.m. shall be paid at the regular hourly rate plus two dollars (\$2.00) per clock hour. All shifts for work performed between the hours of 12:30 a.m. and 9:00 a.m. shall be paid at the regular hour rate plus four dollars (\$4.00) per clock hour. All overtime work required after the completion of a regular shift shall be paid at one and one-half times (1.5x) the "shift" hourly rate.

NO. 87: Means eight (8) hours starting between 6:00 a.m. and 8:00 a.m. and ending between 2:30 p.m. and 4:30 p.m. at the Employers discretion shall constitute a day's work. Any work prior to 6:00 a.m. or after eight (8) hours shall be paid at the overtime rate. Five (5) days from Monday through Friday inclusive shall constitute a regular work week. All hours before and after these regular hours shall be considered overtime and shall be paid for at the rate of double (2) time. All work on Saturday and Sunday shall be paid at double (2) the prevailing scale of wages.

**REPLACEMENT PAGE
ST. CHARLES COUNTY
BUILDING CONSTRUCTION OVERTIME SCHEDULE**

NO. 91: Means eight (8) hours shall constitute a day's work commencing at 7:00 a.m. and ending at 3:30 p.m., allowing one-half (½) hour for lunch. The option exists for the Employer to use a flexible starting time between the hours of 6:00 a.m. and 9:00 a.m. The regular workweek shall consist of forty (40) hours of five (5) workdays, Monday through Friday. The workweek may consist of four (4) ten (10) hour days from Monday through Thursday, with Friday as a make-up day. If the make-up day is a holiday, the employee shall be paid at the double (2) time rate. The employees shall be paid time and one-half (1½) for work performed on Saturdays, before the regular starting time or after the regular quitting time or over eight (8) hours per work day (unless working a 10-hour work day, then time and one-half (1½) is paid for work performed over ten (10) hours a day) or over forty (40) hours per work week. Work performed on Sundays and recognized holidays shall be paid at the double (2) time rate of pay. **SHIFT WORK:** When it is necessary for the project to operate in shifts, there will be three (3) eight (8) hour shifts commencing at 8:00 a.m. Shift work must continue for a period of not less than three (3) consecutive work days, two (2) days which must be regular work days (Monday through Friday). In the event the second or third shift of any regular work day shall fall into a Saturday or a holiday, such extension into a Saturday or holiday shall be considered as part of the previous workday and employees shall be paid at the regular shift rate. The first day shift shall work a regular eight (8) hour day at regular rates. The second shift shall be eight (8) hours regular time pay plus \$2.50 per hour premium for eight (8) hours work. Third shift will be for eight (8) hours regular time pay plus \$3.00 per hour premium for eight (8) hours work.

NO. 92: Means all work performed from 8:00 a.m. to 4:30 p.m., Monday through Friday, will be at straight time pay up to forty (40) hours per week. All work performed Monday through Friday before 8:00 a.m. and after 4:30 p.m. will be done at time and one-half (1½). All work done on Saturday will be done at time and one-half (1½), unless the employer and employee agree that Saturday shall be used as a make-up day. The Employer may use a flexible starting time of 7:00 a.m. to 8:00 a.m., and quitting time of 3:30 p.m. to 4:30 p.m., and any such different work starting time shall determine whether wages are payable at the straight rate or the premium rate. All work performed on Saturday shall be paid for at time and one-half (1½), unless the Saturday has been used as a make-up day. All work performed on Sunday and holidays shall be paid for at the rate of double (2) time.

NO. 104: Means eight (8) hours per day shall constitute a standard work day between the hours of 6:00 a.m. and 8:00 p.m. The standard work week shall be forty (40) hours between 6:00 a.m. on Monday and ending 8:00 p.m. on Friday. An overtime rate of time and one-half (1½) the base hourly rate shall be paid on all hours in excess of eight (8) hours in a day Monday through Friday. Saturdays shall be considered overtime and work done on Saturday shall be paid at time and one-half (1½) the prevailing scale. Sundays and holidays shall be considered overtime and work done on these days shall be paid at double (2) the prevailing scale.

NO. 114: Means eight (8) hours shall constitute a regular work day between the hours of 7:00 a.m. and 5:30 p.m. with a thirty (30) minute lunch period to start between the hours of 11:00 a.m. and 1:00 p.m. Five (5) days shall constitute a regular work week commencing on Monday and ending on Friday. One and one-half (1½) times the regular hourly rate of pay shall be paid for all overtime work, with the exception of holidays or Sundays. Overtime work shall be deemed to include any work performed in excess of eight (8) hours on any day in the regular work week, or any work performed before 7:00 a.m. or after 5:30 p.m. on any day in the regular work week. If a crew is prevented from working forty (40) hours Monday through Friday by reason of inclement weather, then Saturday may be worked by that crew as a make-up day at the straight time rate. Double (2) time shall be paid for work performed on Sundays and holidays, or days observed as such. **Shift Work:** In the case of three (3) shifts, workmen shall be paid eight (8) hours for seven and one-half (7½) hours worked.

NO. 116: Means the standard work day shall consist of eight (8) hours of work between the hours of 8:00 a.m. and 4:30 p.m. The standard work week shall consist of five standard work days commencing on Monday and ending on Friday inclusive. All time worked before and after the established eight (8) hour work day, Monday through Friday, and all time worked on Saturdays, shall be paid for at the rate of time & one-half (1½) the hourly base wage rate in effect. All time worked on Sundays and recognized holidays shall be paid for at the rate of double (2) the hourly base wage rate in effect.

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NO. 118: Means eight (8) hours shall constitute the regular work day, between the hours of 6:00 a.m. and 5:30 p.m. except when the Employer elects to work four (4) ten (10) hour days as described below. The starting time of the workday can be adjusted from 6:30 a.m. to 9:00 a.m. The Employer may have the option to schedule his work week from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), or other conditions beyond the control of the Employer, the Employer shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. However, should a holiday occur, Monday through Thursday, the Employer shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. Time and one-half (1½) shall be paid for work performed in excess of eight (8) hours on any regular work day or outside the hours limiting a regular work day. Straight time is not to exceed ten (10) hours a day or forty (40) hours per week. When an Employer works a project on a four (4) ten (10) hour day work schedule, the Employer will not bring in any other crew for a fifth workday on the project while not calling in the normal crew that had been scheduled for that project. Time and one-half (1½) shall be paid for work performed on Saturdays. Double (2) time shall be paid for work performed on Sundays and recognized holidays. Overtime shall be computed at one-half (1/2) intervals. Projects that cannot be performed during regular workday: If required by owner, the contractor may perform work outside the normal work hours and employees shall be paid applicable straight time hourly wage rate plus a premium of one dollar and fifty cents (\$1.50) per hour for the first eight (8) hours worked. Any hours worked in excess of eight (8) hours shall be paid at the applicable overtime rate plus the one dollar and fifty cent (\$1.50) per hour premium. The overtime rate shall be computed after the \$1.50 premium has been added to the hourly wage rate. However, if a contractor employs any other craft on a project being worked outside the normal workday, and is paying the other craft a higher premium, then the Laborers employed by such contractor on such project outside the normal work hours shall be paid the higher premium. Shift work: Shifts may be established when necessary by the Employer. Shifts shall be established for a minimum of three (3) consecutive workdays. The first shift will be paid at eight (8) hours straight time pay for eight (8) hours work. The second shift will be paid at eight (8) hours straight time pay plus a thirty-five cent (\$.35) per hour premium for seven and one-half (7½) hours work. The third shift will be paid at eight (8) hours straight time pay plus a forty-cent (\$.40) per hour premium for seven (7) hours work. Overtime is computed after the premium has been added to the hourly wage rate. Nothing above prohibits the working of two (2) shifts greater than eight (8) hours with excess hours to be paid at overtime rate.

NO. 126: Means eight (8) hours per day shall constitute a day's work and forty (40) hours per week, Monday through Friday, shall constitute a week's work. The regular starting time shall be 8:00 a.m. If a second or third shift is used, the regular starting time of the second shift shall be 4:30 p.m. and the regular starting period for the third shift shall be 12:30 a.m. These times may be adjusted by the employer. The day shift shall work a regular eight (8) hours shift as outlined above. Employees working a second shift shall receive an additional \$0.25 above the regular hourly rate and perform seven and one-half (7½) hours work for eight (8) hours pay. Third shift employees shall be paid an additional \$0.50 above the regular hourly rate and work seven (7) hours for eight (8) hours pay. When circumstances warrant, the Employer may change the regular workweek to four (4) ten-hour days at the regular time rate of pay. All time worked before and after the established workday of eight (8) hours, Monday through Friday, and all time worked on Saturday shall be paid at the rate of time and one-half (1½) except in cases where work is part of an employee's regular Friday shift. All time worked on Sunday and recognized holidays shall be paid at the double (2) time rate of pay except in cases where work is part of an employee's previous day's shift. For all overtime hours worked \$28.81 of the fringe benefits portion of the prevailing wage shall be paid at the same overtime rate at which the cash portion of the prevailing wage is to be paid. The remaining \$1.29 of the fringe benefit portion of the prevailing wage may be paid at straight time.

**ST. CHARLES COUNTY
HOLIDAY SCHEDULE – BUILDING CONSTRUCTION**

NO. 3: All work done on New Year's Day, Decoration Day, July 4th, Labor Day, Veteran's Day, Thanksgiving and Christmas shall be compensated at the double (2) time rate of pay. When any of these holidays fall on a Sunday, the following Monday shall be observed.

NO. 5: All work that shall be done on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day shall be paid at the double (2) time rate of pay.

NO. 6: The following days are recognized as holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day and any additional holidays which may be mutually agreed upon. Whenever any such holiday falls on a Sunday, the following Monday shall be recognized and observed as the holiday. Work performed on Sundays and holidays shall be paid at the double time rate of pay. No work shall be performed on Labor Day.

NO. 7: The following days are assigned days and are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. If a holiday falls on a Saturday, it shall be observed on the preceding Friday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This is applied to protect Labor Day. When a holiday falls during the normal workweek, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week. However, no reimbursement for these eight (8) hours is to be paid to the workman unless worked. If workman are required to work the above enumerated holidays or days observed as such, or on Sunday, they shall receive double (2) the regular rate of pay for such work.

NO. 8: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day, or the days observed in lieu of these holidays, shall be paid at the double time rate of pay.

NO. 12: All work done on New Year's Day, Decoration Day, Independence Day, Veteran's Day, Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. Should any of these days fall on Sunday, then the following day shall be observed as the holiday. Under no circumstances shall employees be permitted to work on Labor Day.

NO. 18: All work done on New Year's Day, Memorial Day, July 4th, Labor Day, Veteran's Day, Thanksgiving Day, the Friday following Thanksgiving and Christmas Day shall be paid at the double time rate of pay. When one of the above holidays falls on Sunday, the following Monday shall be considered the holiday, and when one of the above holidays falls on Saturday, the preceding Friday shall be considered the holiday, and all work performed on said day(s) shall be paid at the double time rate.

NO. 25: All work done on New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving, Christmas Day, Presidential Election Day, or days locally observed as such, and Saturday and Sunday shall be recognized as holidays and shall be paid at the double (2) time rate of pay. If a named holiday falls on a Saturday, the holiday will be observed on the preceding Friday. When a named holiday falls on Sunday, the Monday after will be observed as the holiday. Appropriate overtime rates to be based on fifteen minute increments.

NO. 26: All work done on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. When a Holiday occurs on Saturday it shall not be observed on either the previous Friday or the following Monday. Such days shall be regular work days. If such a holiday occurs on Sunday it shall be observed on the following Monday.

NO. 27: All work done on the following holidays or days observed as such shall be paid at the double time rate of pay: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

NO. 31: All work done on New Year's Day, Presidents Day, Good Friday, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, and Employee's Birthday shall be paid at the double time rate of pay. If a holiday falls on Sunday, the following Monday will be observed as the recognized holiday. If a holiday falls on Saturday, the preceding Friday will be observed as the recognized holiday.

ST. CHARLES COUNTY HOLIDAY SCHEDULE – BUILDING CONSTRUCTION

NO. 36: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workman unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make-up day when an observed holiday occurs during the work week. Employees have the option to work that make-up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 41: The following days shall be observed as legal holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. No work shall be performed on the Fourth of July, Labor Day or Christmas Day. Any work performed on the above holidays shall be paid for at two (2) times the regular straight time rate of pay. When any of the above holidays fall on Sunday, the following Monday shall be observed as such holiday. If a holiday falls on Saturday, it shall not be considered to be observed on the previous Friday or following Monday. Such days shall be regular workdays.

NO. 45: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving, the day before Christmas, and Christmas Day, shall be paid at the double time rate of pay.

NO. 47: The following holidays are recognized: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day. When a holiday listed above falls on Saturday, it shall be celebrated on the Friday preceding the holiday. When a holiday falls on Sunday, the following Monday shall be observed. Holidays referred to above shall be paid for at the double (2) time rate of pay when worked.

NO. 51: All time worked on Sundays and recognized holidays shall be paid for at the rate of double (2) the hourly base wage rate in effect. The Employer agrees to recognize the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. If the holiday falls on Sunday, it shall be recognized on the following Monday. If the holiday falls on a Saturday, it shall be recognized as a Saturday only holiday.

NO. 54: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day shall be paid at the double (2) time rate of pay. When a holiday falls on Saturday, it shall be observed on Friday. When a holiday falls on Sunday, it shall be observed on Monday.

NO. 55: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workmen unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make up day when an observed holiday occurs during the work week. Employees have the option to work that make up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 57: All work done on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day (November 11), Thanksgiving Day, and Christmas Day shall be compensated at the double (2) time rate of pay. When any of these holidays fall on a Sunday, the following Monday shall be observed. No work shall be performed on the days set forth except in cases of emergencies to protect life or property.

**ST. CHARLES COUNTY
HOLIDAY SCHEDULE – BUILDING CONSTRUCTION**

NO. 60: All work performed on New Year's Day, Armistice Day (Veteran's Day), Decoration Day (Memorial Day), Independence Day (Fourth of July), Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. No work shall be performed on Labor Day except when triple (3) time is paid. When a holiday falls on Saturday, Friday will be observed as the holiday. When a holiday falls on Sunday, the following Monday shall be observed as the holiday.

NO. 66: All work performed on Sundays and the following recognized holidays, or the days observed as such, of New Year's Day, Decoration Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day, shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits. Whenever any such holidays fall on a Sunday, the following Monday shall be observed as a holiday.

NO. 69: All work performed on New Year's Day, Memorial Day, July Fourth, Labor Day, Veteran's Day, Thanksgiving Day or Christmas Day shall be compensated at double (2) their straight-time hourly rate of pay. Friday after Thanksgiving and the day before Christmas are also holidays, however, if the employer chooses to work the normal work hours on these days, the employee will be paid at straight -time rate of pay. If a holiday falls on a Saturday, the holiday will be observed on Saturday; if a holiday falls on a Sunday, the holiday will be observed on the following Monday.

NO. 71: All work performed on the following recognized holidays, or days that may be celebrated as such, shall be paid at the double (2) time rate of pay: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day. If a holiday falls on Sunday, it shall be celebrated on Monday. If a holiday falls on Saturday, it shall be celebrated on the Friday proceeding such Saturday.

NO. 73: The following days are recognized as holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day (or mutually agreed date of the Friday after Thanksgiving Day may be substituted for Veteran's Day), Thanksgiving Day and Christmas Day, or in the event that any of said Holidays falls on Sunday, then the day or days generally recognized as such. Any work performed anywhere on any of the aforesaid Holidays, or on the day or days recognized and observed as such, shall be paid for at double (2) time the regular hourly rate.

OCCUPATIONAL TITLE	* Date of Increase	Basic Hourly Rates	Over-Time Schedule	Holiday Schedule	Total Fringe Benefits
Carpenter	6/15	\$35.68	23	16	\$15.55
Cement Mason	6/15	\$30.56	17	11	\$17.30
Electrician (Outside-Line Construction)\Lineman)	9/15	\$42.52	9	12	\$5.00 + 36.5%
Lineman Operator	9/15	\$36.70	9	12	\$5.00 + 36.5%
Lineman - Tree Trimmer	10/15	\$24.99	32	31	\$9.95 + 3%
Groundman	9/15	\$28.38	9	12	\$5.00 + 36.5%
Groundman - Tree Trimmer	10/15	\$19.80	32	31	\$8.10 + 3%
Laborer					
General Laborer		\$30.53	8	1	\$12.97
Millwright	6/15	\$35.68	23	16	\$15.55
Operating Engineer					
Group I	6/15	\$32.16	10	9	\$24.16
Group II	6/15	\$32.16	10	9	\$24.16
Group III	6/15	\$30.86	10	9	\$24.16
Group IV	6/15	\$27.40	10	9	\$24.16
Oiler-Driver	6/15	\$27.86	10	9	\$24.16
Pile Driver	6/15	\$35.68	23	16	\$15.55
Traffic Control Service Driver		\$28.775	26	25	\$9.045
Truck Driver-Teamster		\$30.41	25	21	\$10.82

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

If a worker is performing work on a heavy construction project within an occupational title that is not listed on the Heavy Construction Rate Sheet, use the rate for that occupational title as shown on the Building Construction Rate sheet.

**REPLACEMENT PAGE
ST. CHARLES COUNTY
OVERTIME SCHEDULE - HEAVY CONSTRUCTION**

FED: Minimum requirement per Fair Labor Standards Act means time and one-half (1 ½) shall be paid for all work in excess of forty (40) hours per work week.

NO. 8: Means eight (8) hours shall constitute the regular workday, between the hours of 6:30 a.m. and 5:30 p.m. except when the Employer elects to work four (4) ten (10) hour days as described below. The starting time of the workday can be adjusted from 6:30 a.m. to 9:00 a.m. The Employer may have the option to schedule his work week from Monday through Thursday at Ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), or other conditions beyond the control of the Employer, the Employer shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. However, should a holiday occur, Monday through Thursday, the Employer shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. Time and one-half (1½) shall be paid for work performed in excess of eight (8) hours on any regular workday or outside the hours limiting a regular workday. Straight time is not to exceed ten (10) hours a day or forty (40) hours per week. When an Employer works a project on a four (4) ten (10) hour day work schedule, the Employer will not bring in any other crew for a fifth workday on the project while not calling in the normal crew that had been scheduled for that project. Time and one-half (1½) shall be paid for work performed on Saturdays. Double (2) time shall be paid for work performed on Sundays and recognized holidays. Overtime shall be computed at one-half (1/2) intervals. Projects that cannot be performed during regular workday: On Highway/Heavy work, or if required by owner, the contractor may perform work outside the normal work hours and employees shall be paid applicable straight time hourly wage rate plus a premium of one dollar and fifty cents (\$1.50) per hour for the first eight (8) hours worked. Any hours worked in excess of eight (8) hours shall be paid at the applicable overtime rate plus the one dollar and fifty cent (\$1.50) per hour premium. The overtime rate shall be computed after the \$1.50 premium has been added to the hourly wage rate. However, if a contractor employs any other craft on a project being worked outside the normal workday, and is paying the other craft a higher premium, then the Laborers employed by such contractor on such project outside the normal work hours shall be paid the higher premium. Shift work: Shifts may be established when necessary by the Employer. Shifts shall be established for a minimum of three (3) consecutive workdays. The first shift will be paid at eight (8) hours straight time pay for eight (8) hours work. The second shift will be paid at eight (8) hours straight time pay plus a thirty-five cent (\$.35) per hour premium for seven and one-half (7½) hours work. The third shift will be paid at eight (8) hours straight time pay plus a forty-cent (\$.40) per hour premium for seven (7) hours work. Overtime is computed after the premium has been added to the hourly wage rate. Nothing above prohibits the working of two (2) shifts greater than eight (8) hours with excess hours to be paid at overtime rate.

NO. 9: Eight (8) hours shall constitute a work day between the hours of 7:00 a.m. and 4:30 p.m. Forty (40) hours within five (5) days, Monday through Friday inclusive, shall constitute the work week. Work performed in the 9th and 10th hour, Monday through Friday, shall be paid at time and one-half (1½) the regular straight time rate of pay. Contractor has the option to pay two (2) hours per day at the time and one-half (1½) the regular straight time rate of pay between the hours of 6:00 a.m. and 5:30 p.m., Monday through Friday. Work performed in the first eight (8) hours on Saturday shall be paid at the rate of one and eight tenths (1.8) the regular straight time rate. Work performed outside these hours and on Sundays and recognized legal holidays, or days celebrated as such, shall be paid for at the rate of double (2) time.

**REPLACEMENT PAGE
ST. CHARLES COUNTY
OVERTIME SCHEDULE - HEAVY CONSTRUCTION**

NO. 10: Means the regular workday for which employees shall be compensated at straight time hourly rate of pay shall, unless otherwise provided for, begin at 8:00 a.m. and end at 4:30 p.m. The regular workweek shall consist of five (5) days, Monday through Friday, beginning at 8:00 a.m. and ending at 4:30 p.m. except as may be modified. The starting time may be either advanced or delayed one hour or two hours at the discretion of the Employer. The Employer may have the option to schedule his work week from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate. If the Employer elects to work Monday through Thursday and is stopped due to inclement weather, holidays or other conditions beyond the control of the Employer, he shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hour workweek. All necessary overtime and work performed on Saturday, shall be paid at time and one-half (1½) the hourly rate, plus an amount equal to one-half (½) of the hourly Total Indicated Fringe Benefits. All work performed on Sundays and recognized holidays shall be paid at double (2) the hourly rate, plus an amount equal to the hourly Total Indicated Fringe Benefits. Shifts may be established when considered necessary by the Employer. Shift hours and rates will be as follows. If shifts are established, work on the First Shift will begin between 6:00 a.m. and 9:00 a.m. and consist of eight (8) hours of work plus one-half hour unpaid lunch. Hours worked during the first shift will be paid at the straight time rate of pay. The second shift shall start eight hours after the start of the first shift and consist of eight (8) hours of work plus one-half hour unpaid lunch. Work on the second shift will begin between 2:00 p.m. and 5:00 p.m. and be paid the straight time rate plus \$2.50 per hour. The third shift shall start eight hours after the start of the second shift and consist of eight (8) hours plus one-half hour unpaid lunch. Work on the third shift will begin between 10:00 p.m. and 1:00 a.m. and be paid the straight time rate plus \$3.50 per hour. The additional amounts that are to be paid are only applicable when working shifts. Shifts that begin on Saturday morning through those shifts which end on Sunday morning will be paid at time and one-half these rates. Shifts that begin on Sunday morning through those shifts which end on Monday morning will be paid at double time these rates.

NO. 17: Means eight (8) hours shall constitute the regular work day and forty (40) hours a work week, Monday through Friday. The Employer shall establish the starting time between 6:30 a.m. through 9:00 a.m. An Employer may further adjust the starting time up to 9:30 A.M. throughout the year. Time and one-half (1½) shall be paid after eight (8) consecutive hours worked after the established starting time and for hours worked before the established starting time. Time and one-half (1½) shall be paid for work performed on Saturdays. Work performed on Sundays and Holidays shall be paid at the double (2) time rate of pay. The Employer when working on Highway and Road Work may have the option to schedule the work week for his paving crew only from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate of time and one-half (1½). If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), the Employer shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hours.

NO. 23: Means the regular workweek shall start on Monday and end on Friday, except where the Employer elects to work Monday through Thursday, (10) hours per day. All work over ten (10) hours in a day or forty (40) hours in a week shall be at the overtime rate of one and one-half (1½) times the regular hourly rate. The regular workday shall be either eight (8) or ten (10) hours. If a job can't work forty (40) hours Monday through Friday because of inclement weather or other conditions beyond the control of the Employer, Friday or Saturday may be worked as a make-up day at straight time (if working 4-10's). Saturday may be worked as a make-up day at straight time (if working 5-8's). An Employer, who is working a four (4) ten (10) hour day work schedule may use Friday as a make-up day when a workday is lost due to a holiday. A workday is to begin at the option of the Employer but not later than 11:00 a.m. except when inclement weather, requirements of the owner or other conditions beyond the reasonable control of the Employer prevent work. Except as worked as a make-up day, time on Saturday shall be worked at one and one-half (1½) times the regular rate. Work performed on Sunday shall be paid at two (2) times the regular rate. Work performed on recognized holidays or days observed as such, shall also be paid at the double (2) time rate of pay. **For all overtime hours worked during the week or on Saturday \$14.55 of the fringe benefits portion of the prevailing wage shall be paid at time and one-half (1½). For all overtime hours worked on Sundays or recognized holidays \$14.55 of the fringe benefits portion of the prevailing wage shall be paid double time. The remaining \$.50 of the fringe benefit portion of the prevailing wage shall be paid at straight time.**

**REPLACEMENT PAGE
ST. CHARLES COUNTY
OVERTIME SCHEDULE - HEAVY CONSTRUCTION**

NO. 25: Means a regular work week of forty (40) hours, starting on Monday and ending on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof maybe worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A work day is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time maybe advanced or delayed if mutually agreed to by the interest parties. All hours worked on recognized holidays, or days observed as such, double (2) time shall be paid.

NO. 26: Means a regular work week of forty (40) hours will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof may be worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A workday is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time may be advanced or delayed if mutually agreed to by the interest parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

NO. 32: Means the overtime rate shall be time and one-half the regular rate for work over forty (40) hours per week. Sundays and Holidays shall be paid at double the straight time rate.

**ST. CHARLES COUNTY
HOLIDAY SCHEDULE – HEAVY CONSTRUCTION**

NO. 1: All work done on New Year's Day, Independence Day, Memorial Day, Labor Day, Veteran's Day (November 11), Thanksgiving Day, and Christmas Day shall be compensated at the double (2) time rate of pay. When any of these holidays fall on Sunday, the following Monday shall be observed. No work shall be performed on the days set forth except in cases of emergencies to protect life or property.

NO. 9: All work performed on Sundays and the following recognized holidays, or the days observed as such, of New Year's Day, Decoration Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day, shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits. Whenever any such holidays fall on a Sunday, the following Monday shall be observed as a holiday.

NO. 11: Means all work performed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day, and any additional holidays which may be mutually agreed upon shall be paid at the double (2) time rate of pay. Whenever any such holiday falls on a Sunday, the following Monday shall be recognized and observed as the holiday. No work shall be performed on Labor Day.

NO. 12: All work performed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day, or days celebrated as such, shall be paid at the double time rate of pay. When one of the foregoing holidays falls on Sunday, it shall be celebrated on the following Monday. When one of the foregoing holidays falls on Saturday, it shall be celebrated on the Friday before the holiday.

NO. 16: The following days are recognized as holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on Sunday, it shall be observed on the following Monday. If a holiday falls on Saturday, it shall be observed on the preceding Friday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid to the worker unless worked. If workers are required to work the above recognized holidays or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 21: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workman unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make-up day when an observed holiday occurs during the work week. Employees have the option to work that make-up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 25: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workmen unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make up day when an observed holiday occurs during the work week. Employees have the option to work that make up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 31: All work performed on New Year's Day, Presidents' Day, Veterans' Day, Good Friday, Decoration Day, Fourth of July, Labor Day, Christmas Eve Day, Christmas Day, Thanksgiving Day and Day after Thanksgiving or days celebrated for the same.

SLAB REPLACEMENT PROJECT "B", IFB #16-041

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3	LOCATION MAP	42	FAIRWAY VALLEY DRIVE (3 OF 4)
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38	DEVONSHIRE COUNTY DRIVE (5 OF 6)		
39	DEVONSHIRE COUNTY DRIVE (6 OF 6)		



LEGEND

	CONCRETE STREET TBR&R
	TYPE A2 JOINT
	UNDER DRAIN
	ADA COMPLIANT CURB RAMP
	PAVEMENT LUG
	2' CURB AND GUTTER

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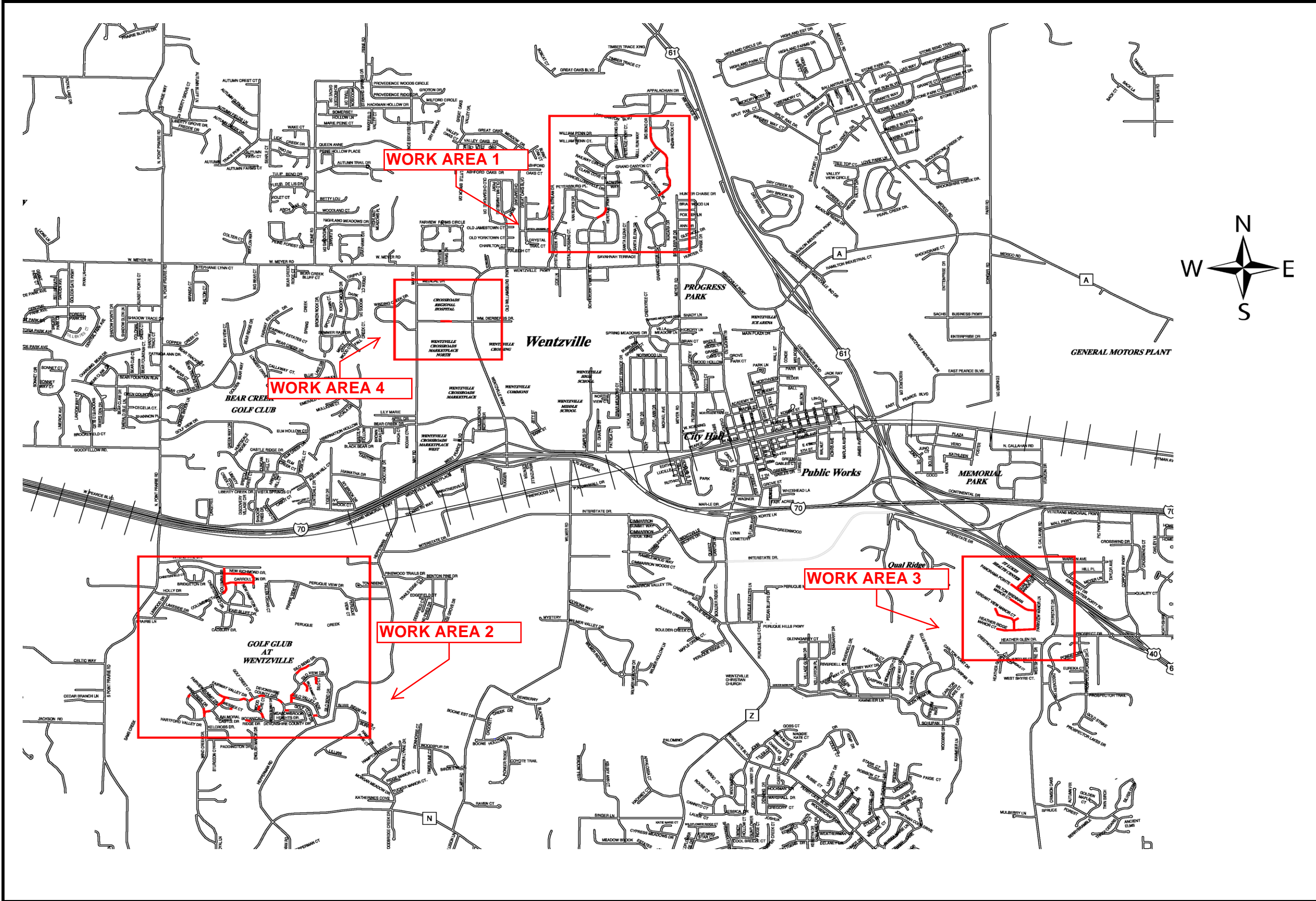
SLAB REPLACEMENT PROJECT "B" 2016

IFB #16-041

COVER SHEET

SCALE
N.T.S.

SHEET NO.
1 OF 65



200 East Fourth Street
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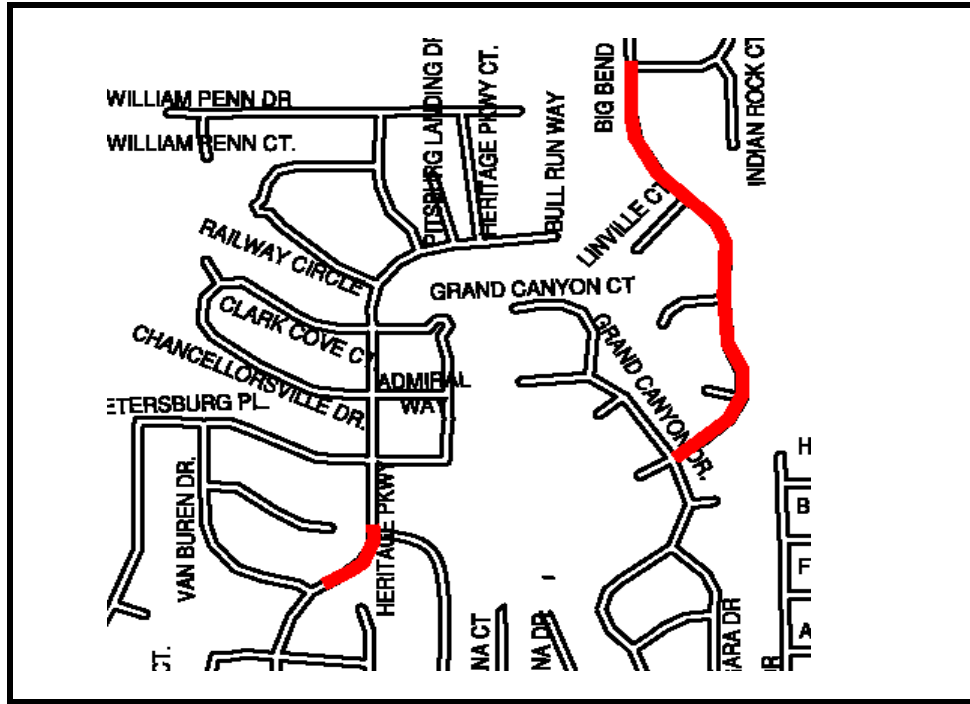
SLAB REPLACEMENT PROJECT "B" 2016

OVERVIEW MAP

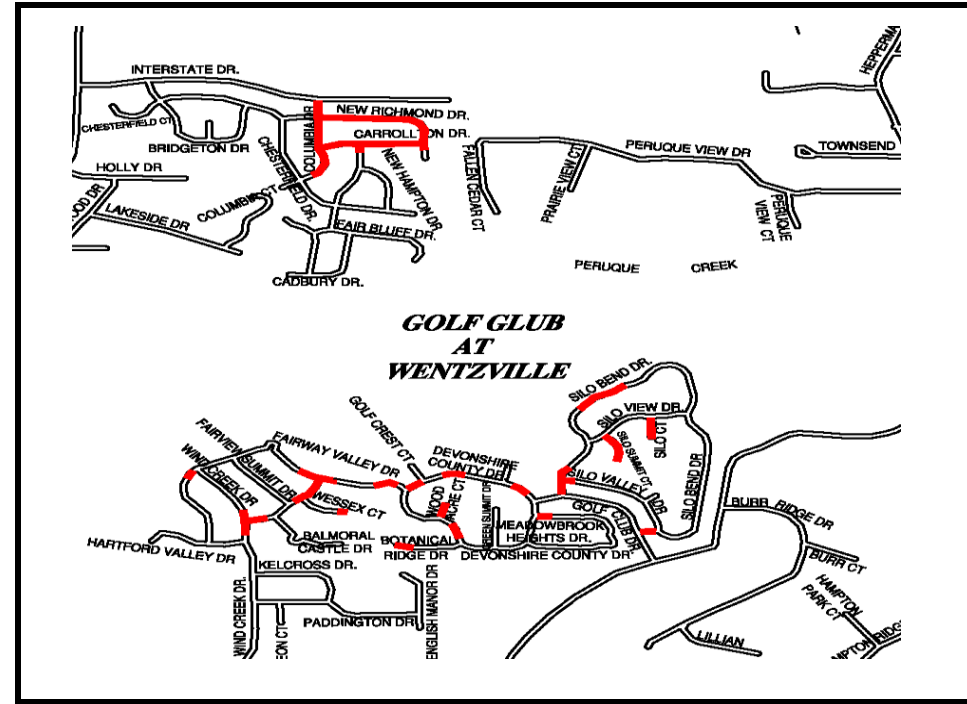
SHEET NO. 2 OF 65
 SCALE N.T.S.

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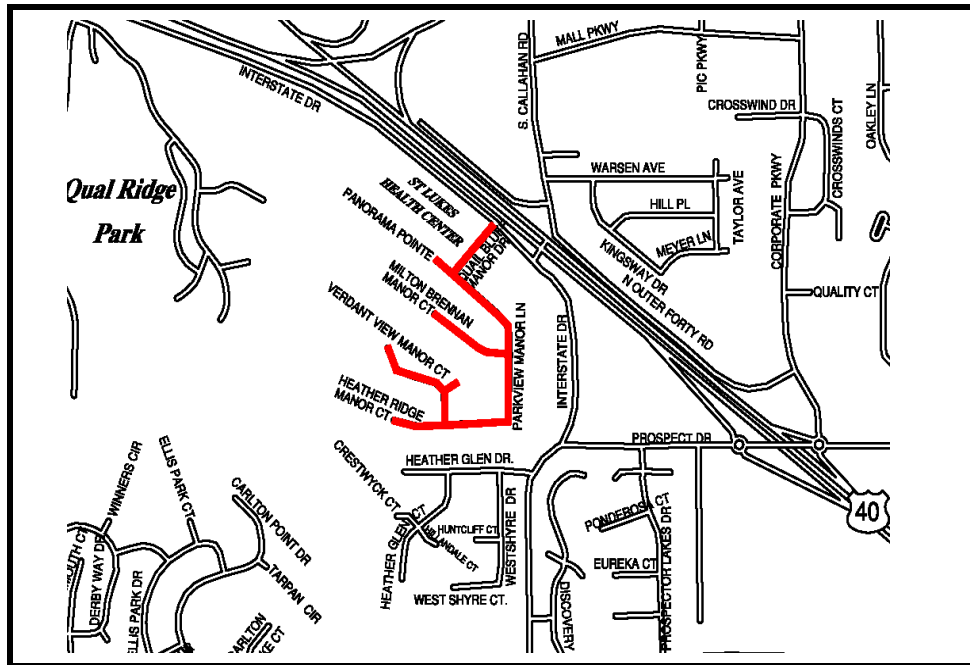
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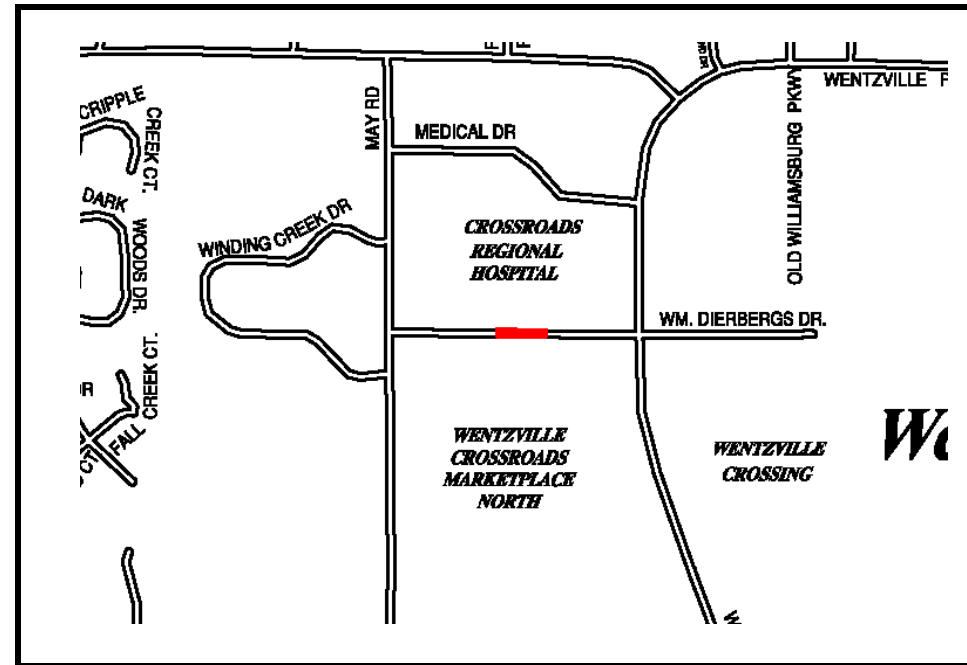
WORK AREA 1 (SHEETS 4 TO 11)



WORK AREA 2 (SHEETS 12 TO 54)



WORK AREA 3 (SHEETS 55 TO 59)



WORK AREA 4 (SHEET 60)



LOCATION MAPS
NOT TO SCALE

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SLAB REPLACEMENT PROJECT "B" 2016

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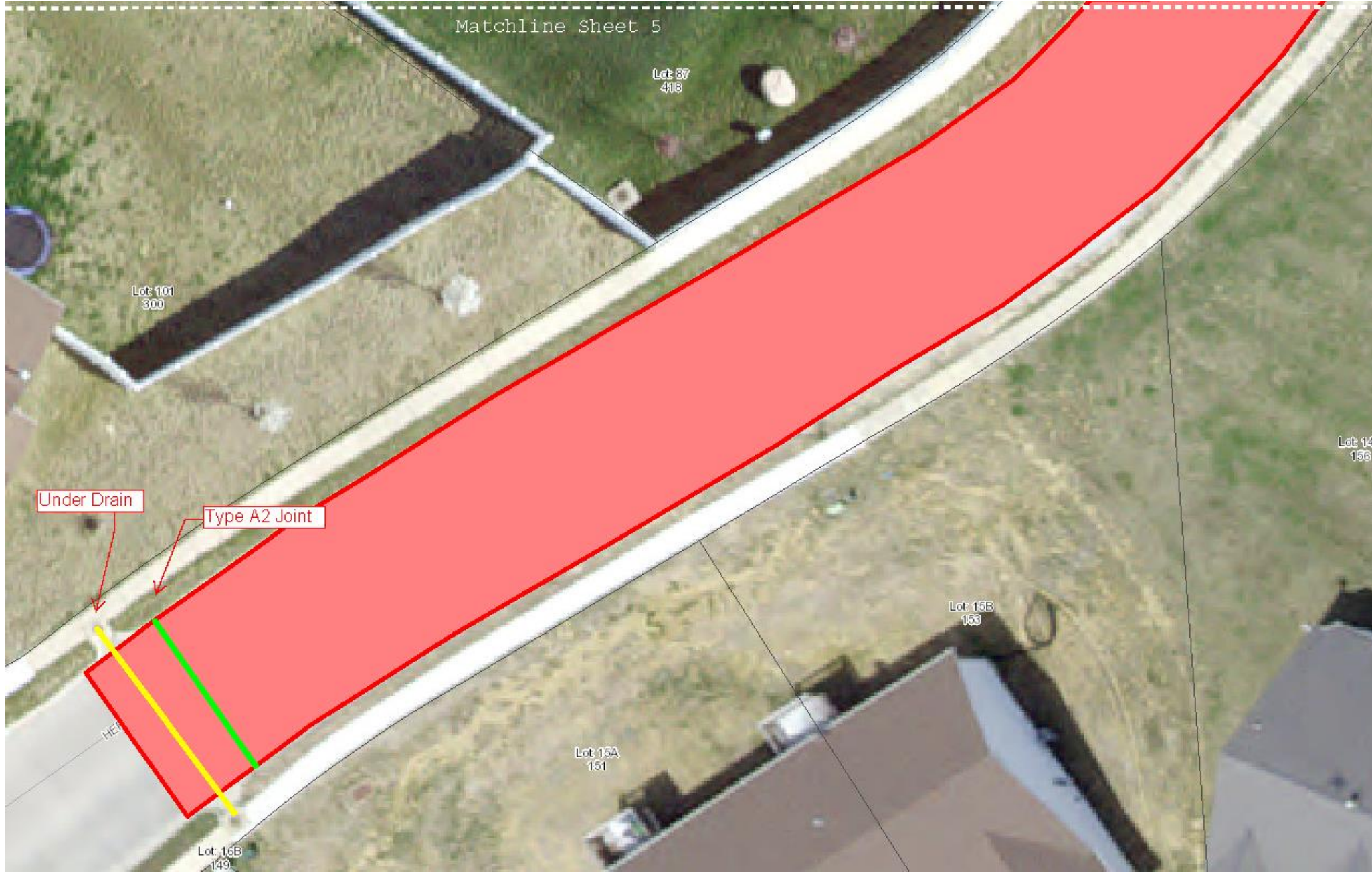
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SCALE

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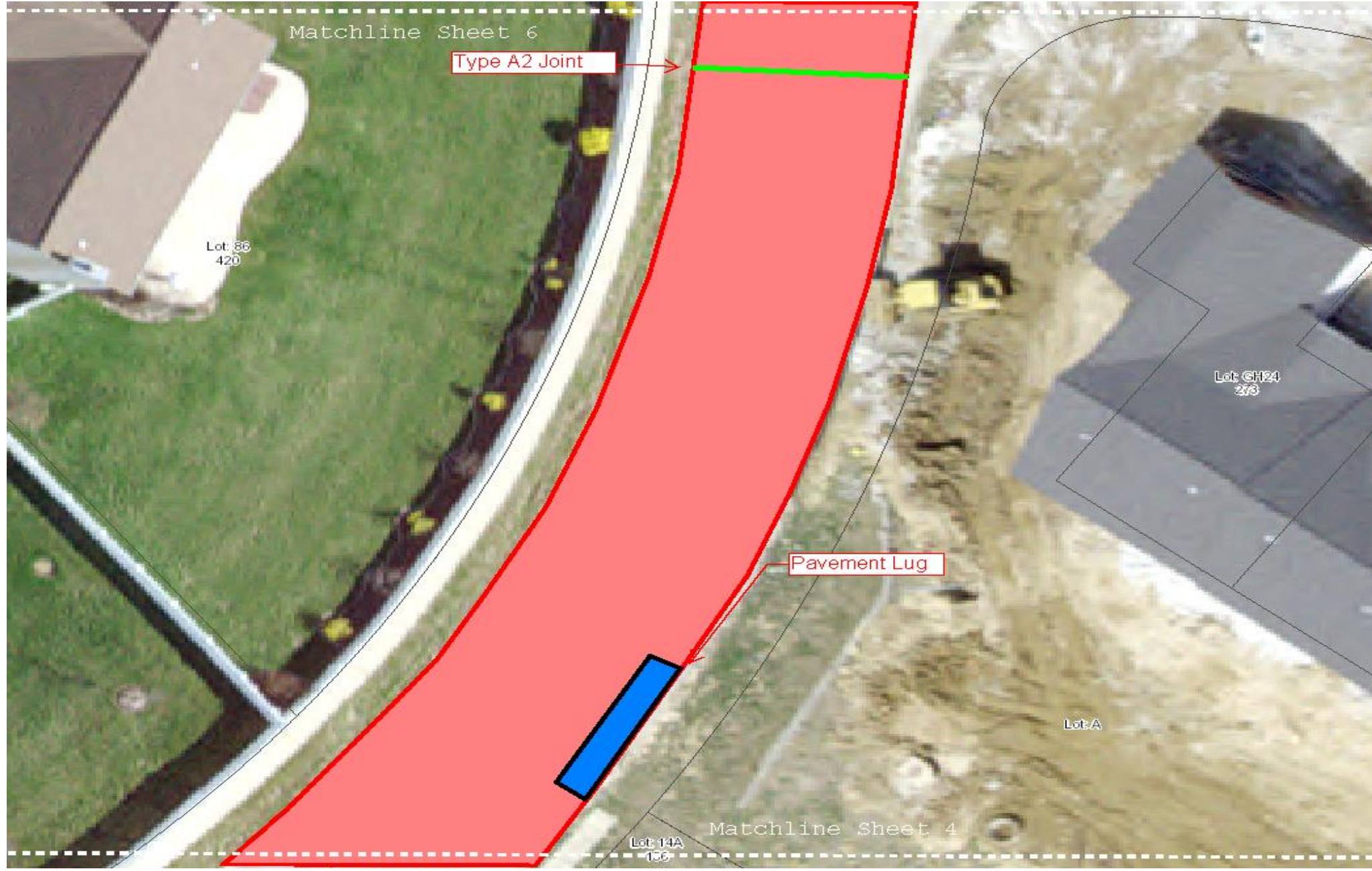
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WORK AREA 1



HERITAGE PARKWAY		200 East Fourth Street Wentzville MO, 63385	
SHEET NO.		Phone: 636-327-5102 Fax: 636-639-2057	
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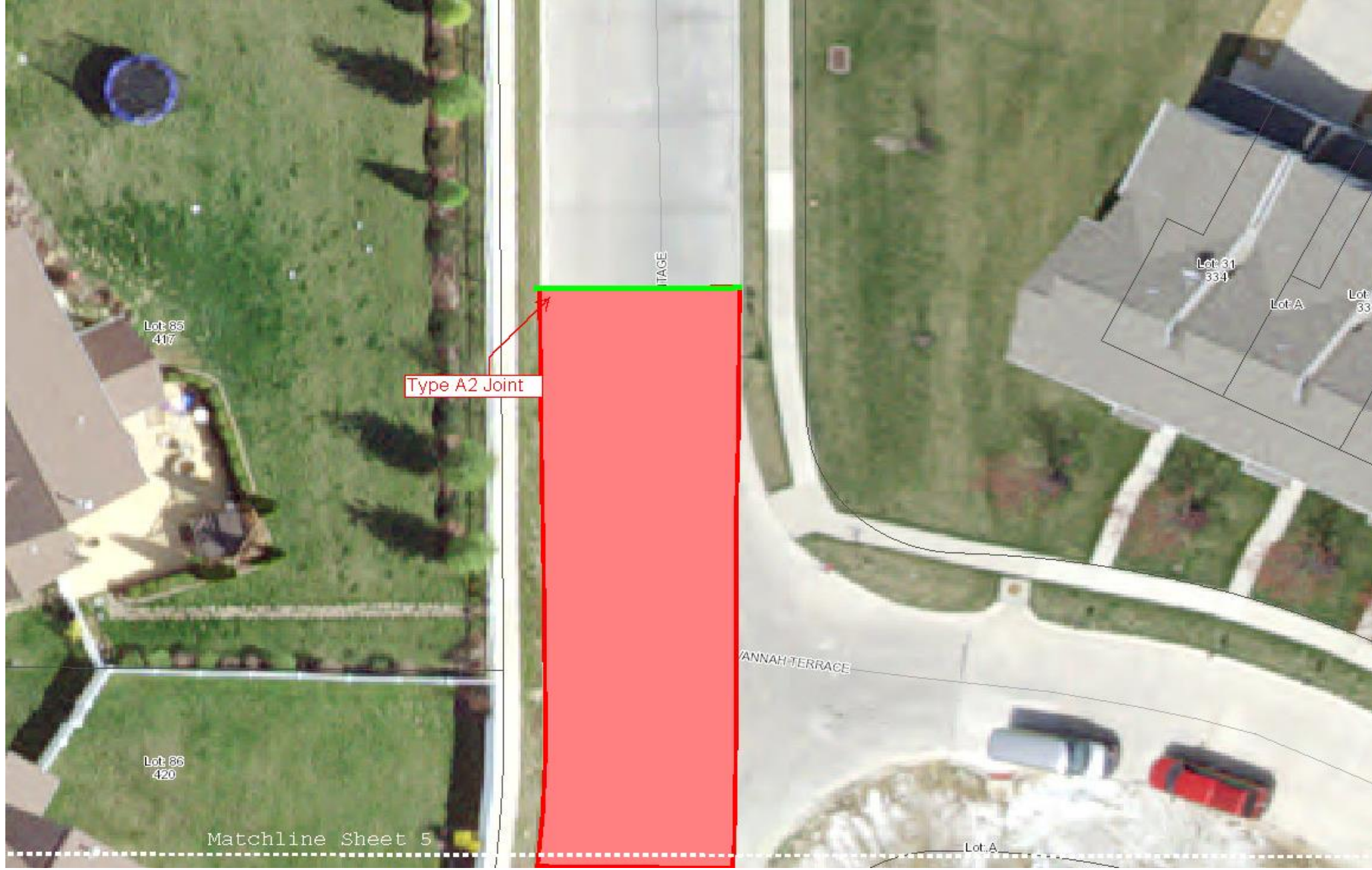
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HERITAGE PARKWAY	SCALE	N.T.S.
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NOTES


1. FOR EXACT PAVEMENT LUG LOCATION, SEE DETAIL SHEET 65

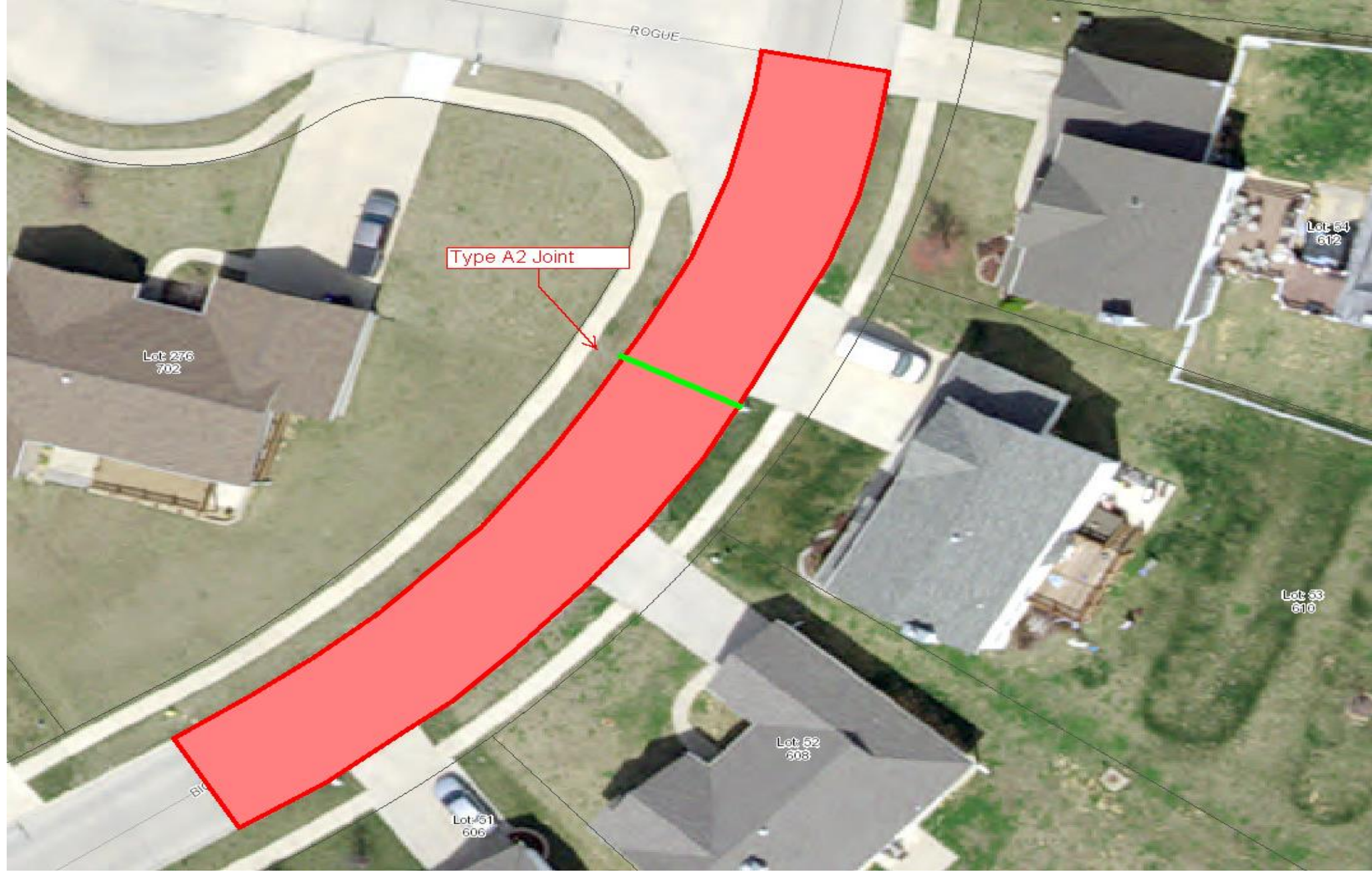
WORK AREA 1



WORK AREA 1



HERITAGE PARKWAY		SLAB REPLACEMENT PROJECT "B" 2016		200 East Fourth Street Wentzville MO, 63385 Phone: 636-327-5102 Fax: 636-639-2057
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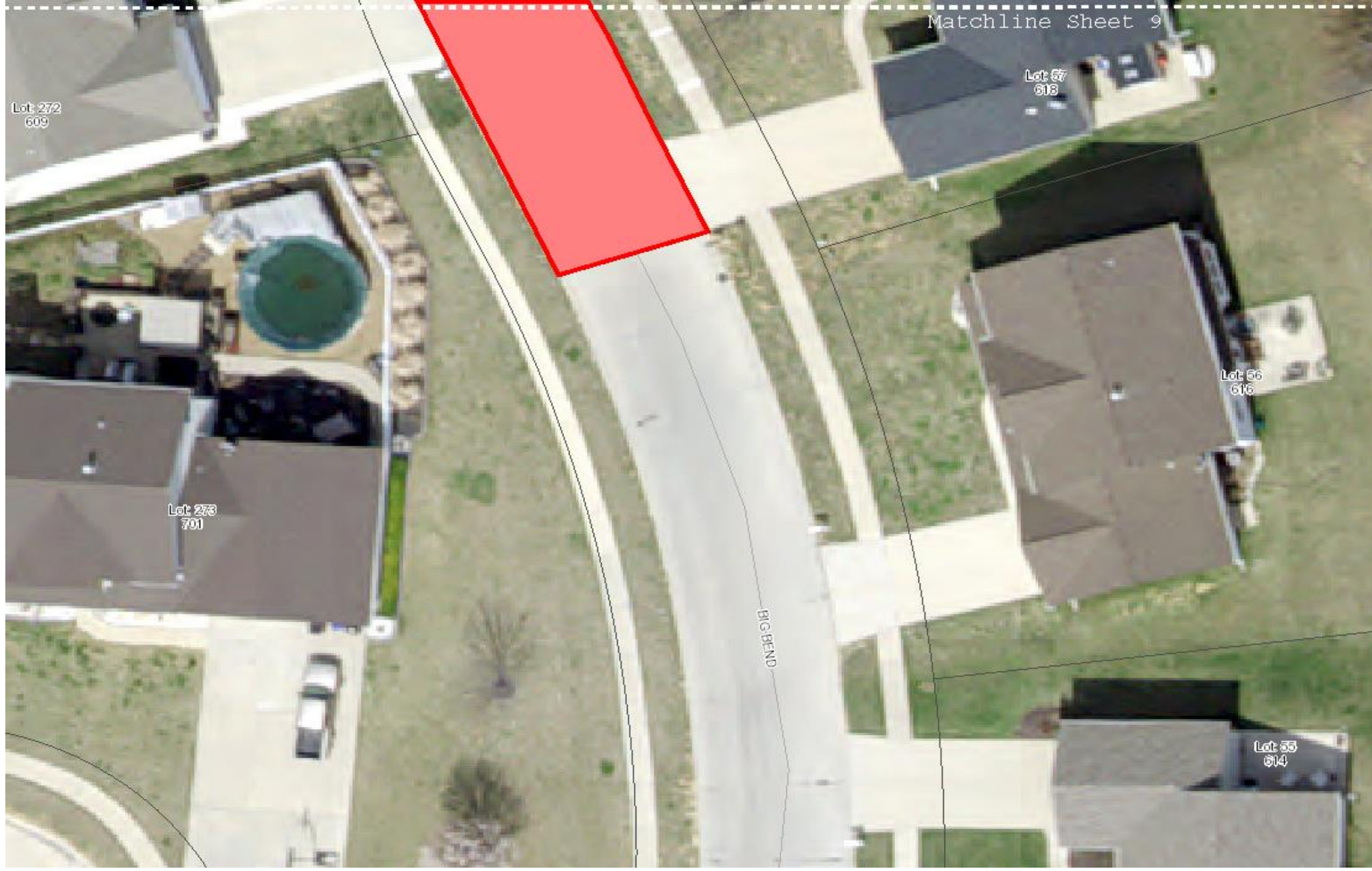
BIG BEND DRIVE

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SCALE

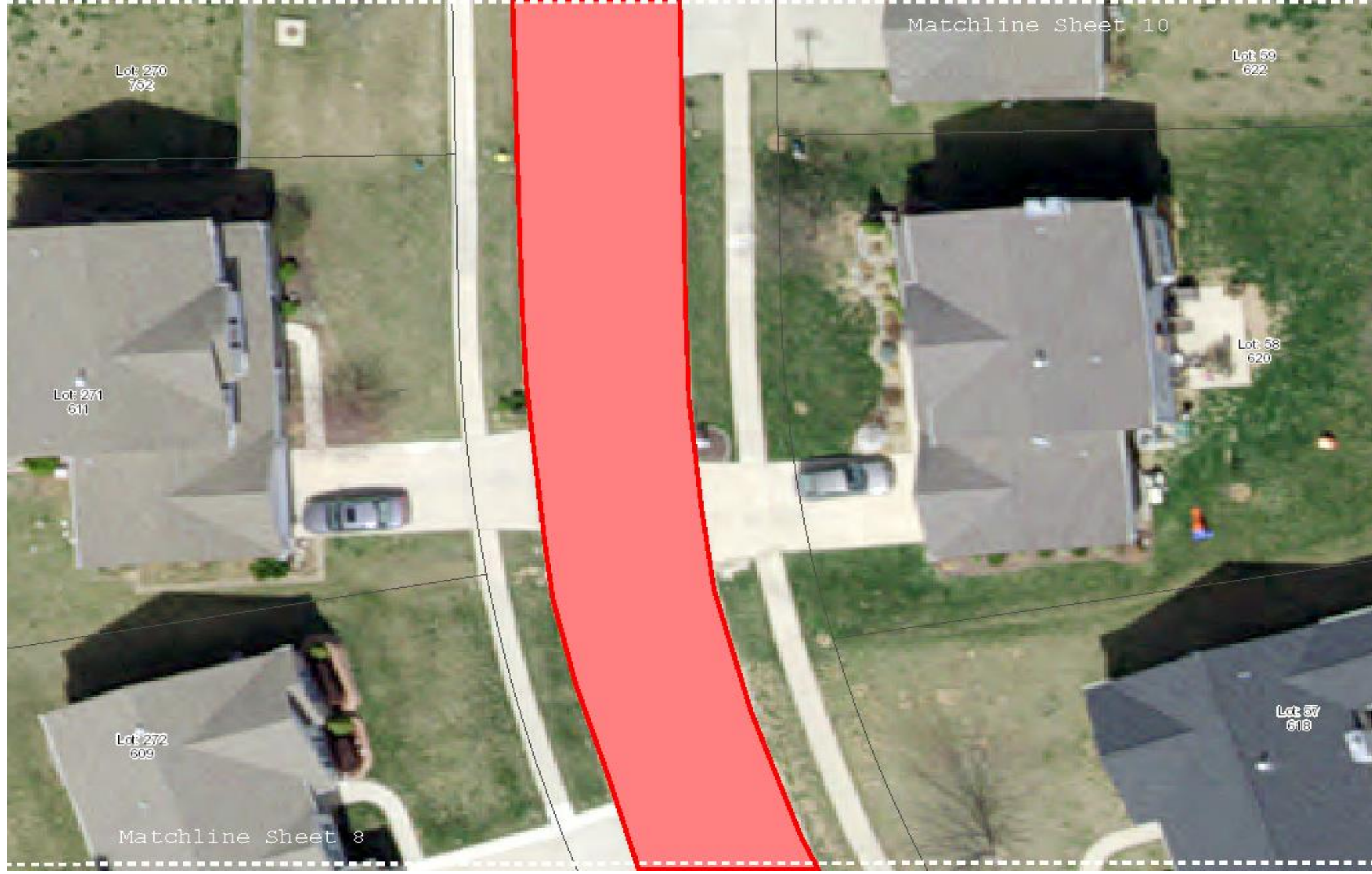
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WORK AREA 1



BIG BEND DRIVE		SLAB REPLACEMENT PROJECT "B" 2016		200 East Fourth Street Wentzville MO, 63385 Phone: 636-327-5102 Fax: 636-639-2057
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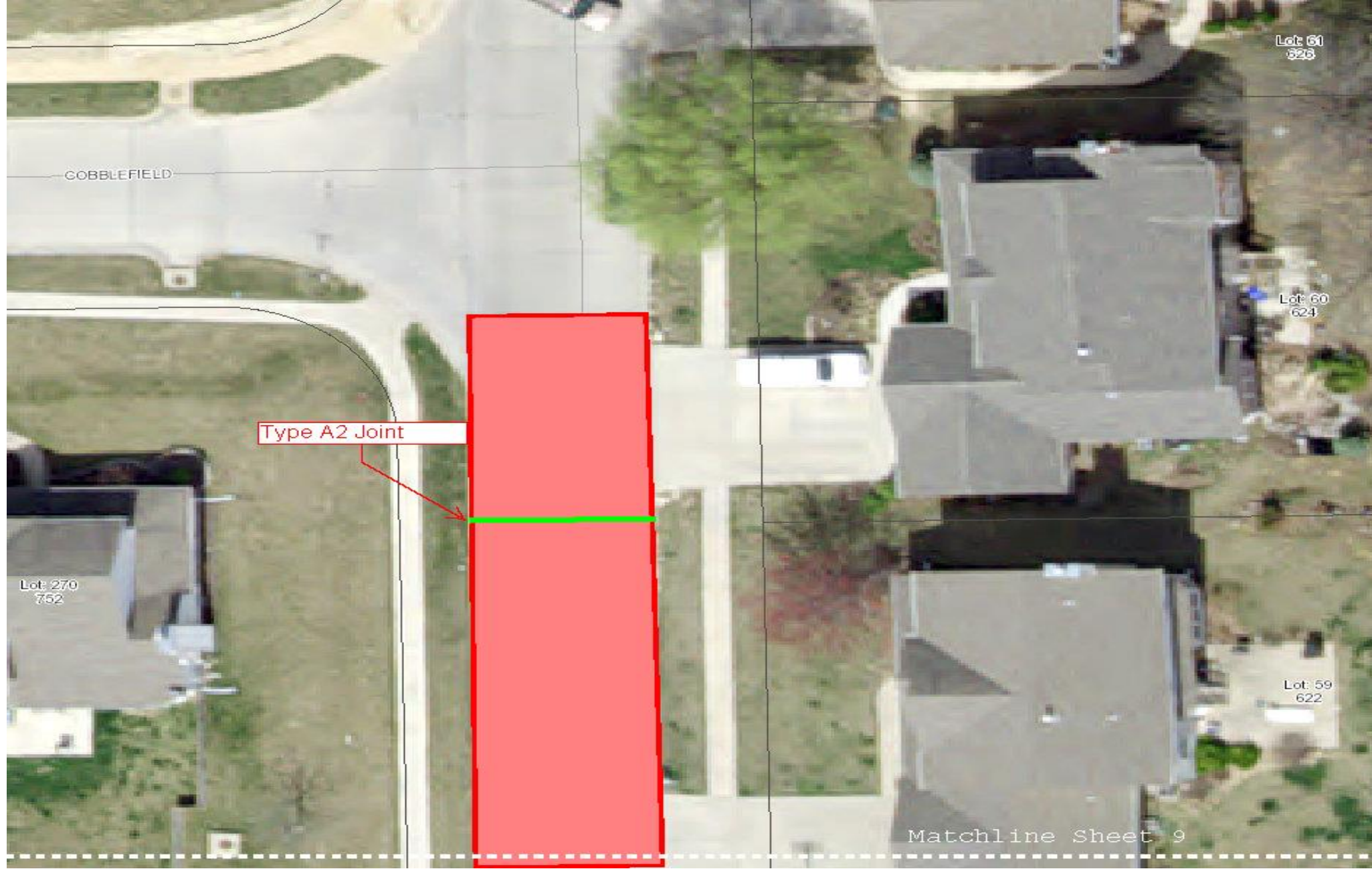
WORK AREA 1

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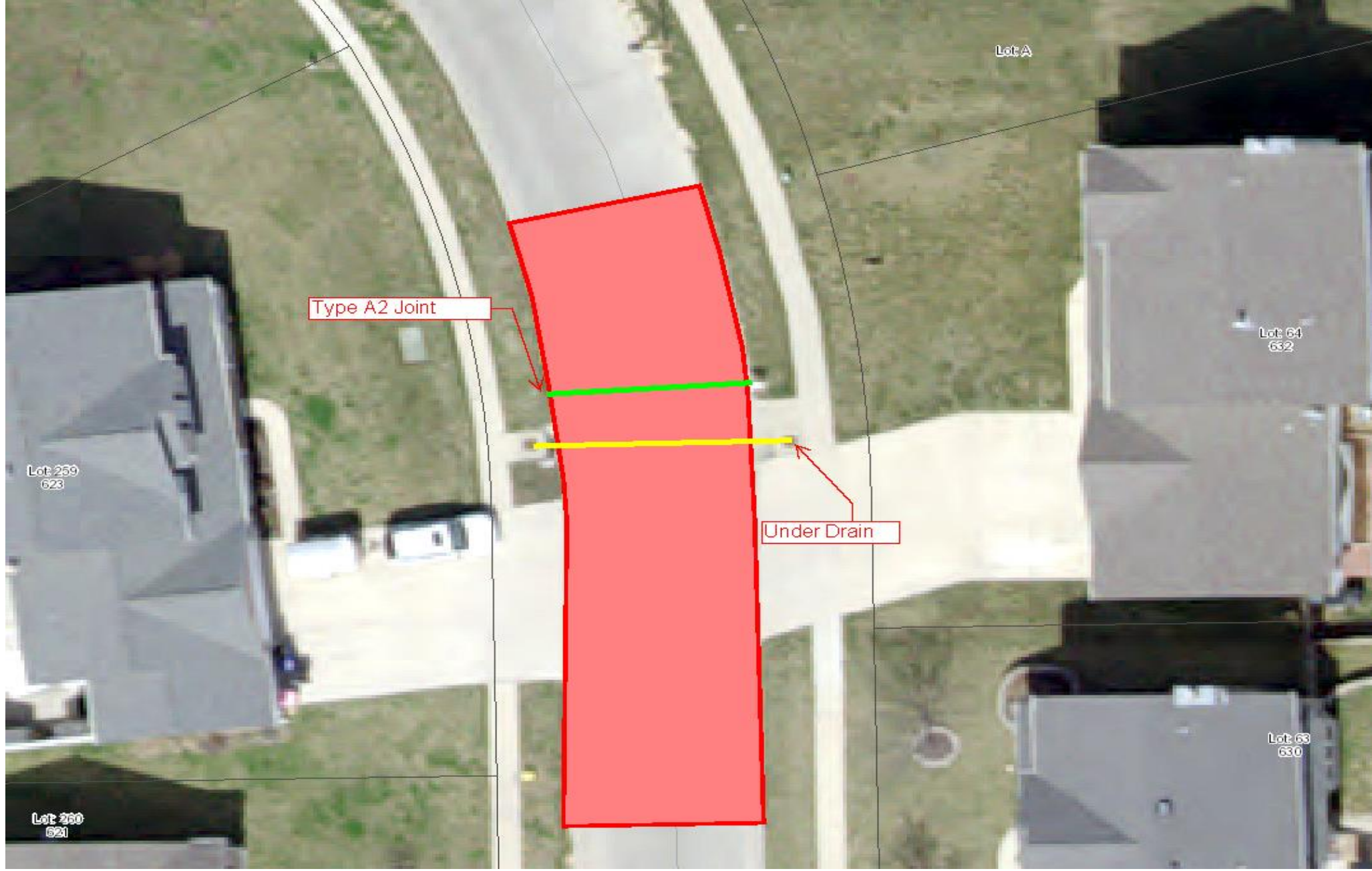
SLAB REPLACEMENT PROJECT "B" 2016
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BIG BEND DRIVE	SCALE	N.T.S.
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WORK AREA 1

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		Phone: 636-327-5102 Fax: 636-639-2057	



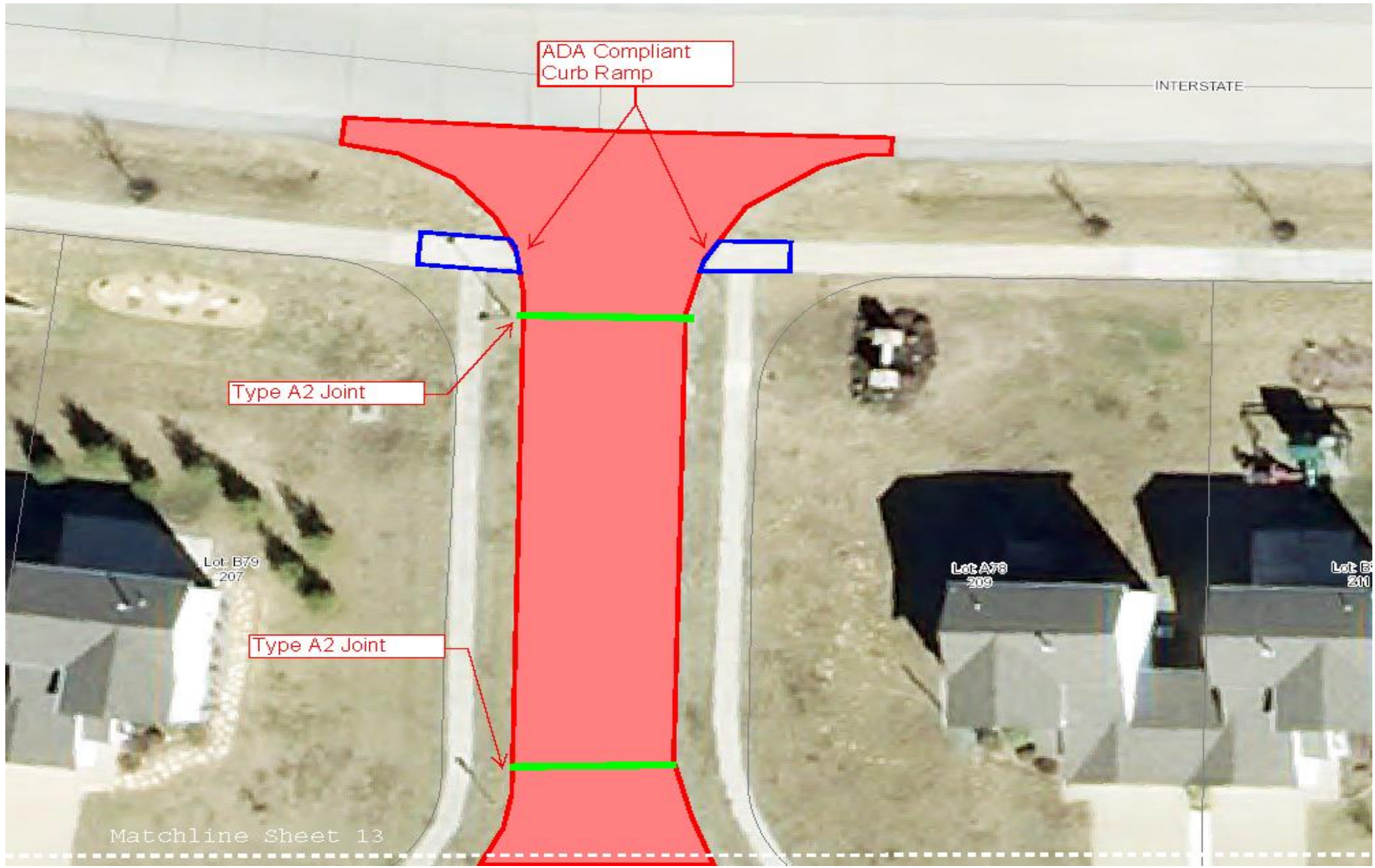
WORK AREA 1

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BIG BEND DRIVE	SCALE	N.T.S.
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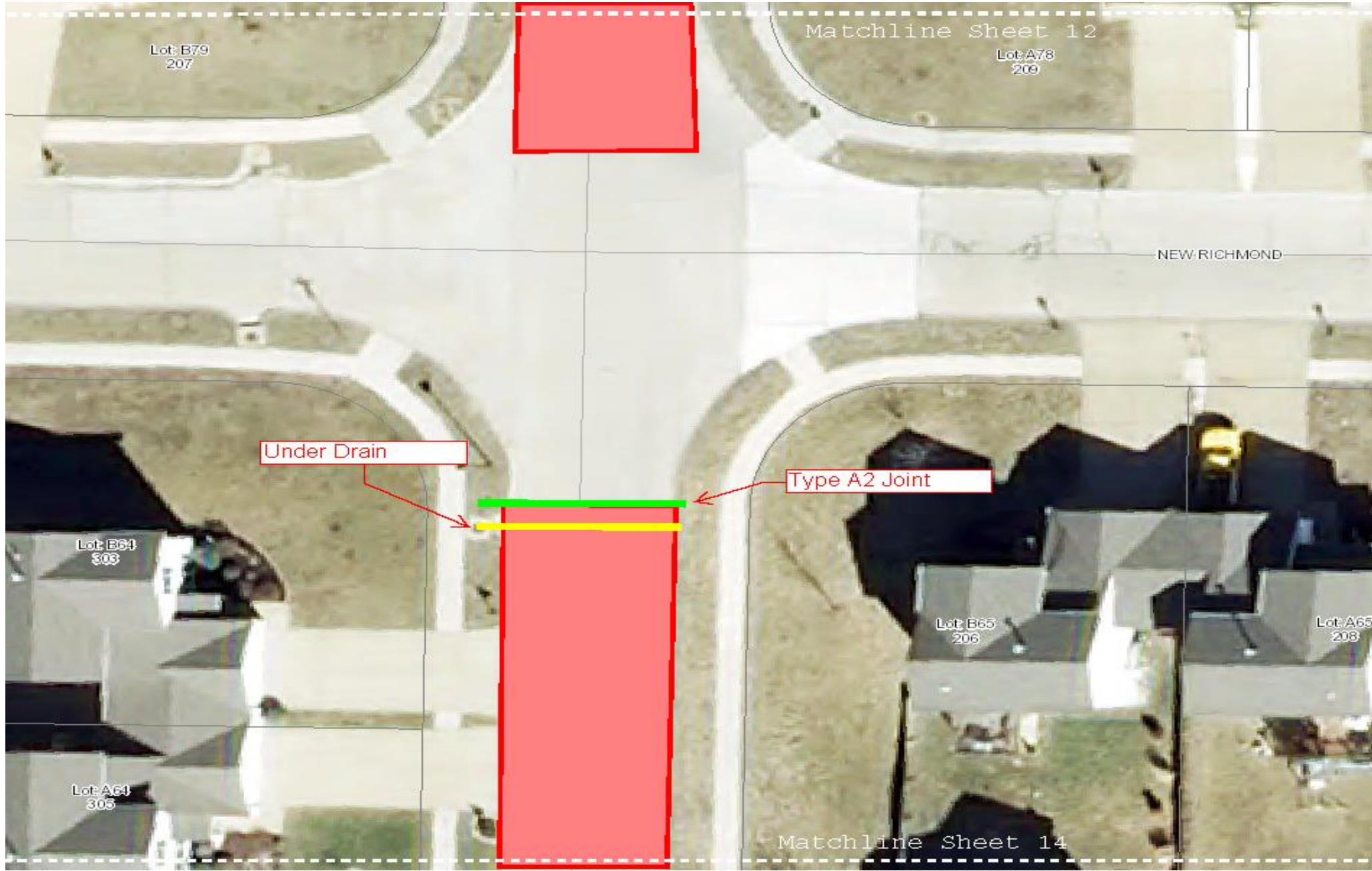
SLAB REPLACEMENT PROJECT "B" 2016
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COLUMBUS DRIVE	SCALE	N.T.S.
	SHEET NO.	12 OF 65

NOTES

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.

WORK AREA 2



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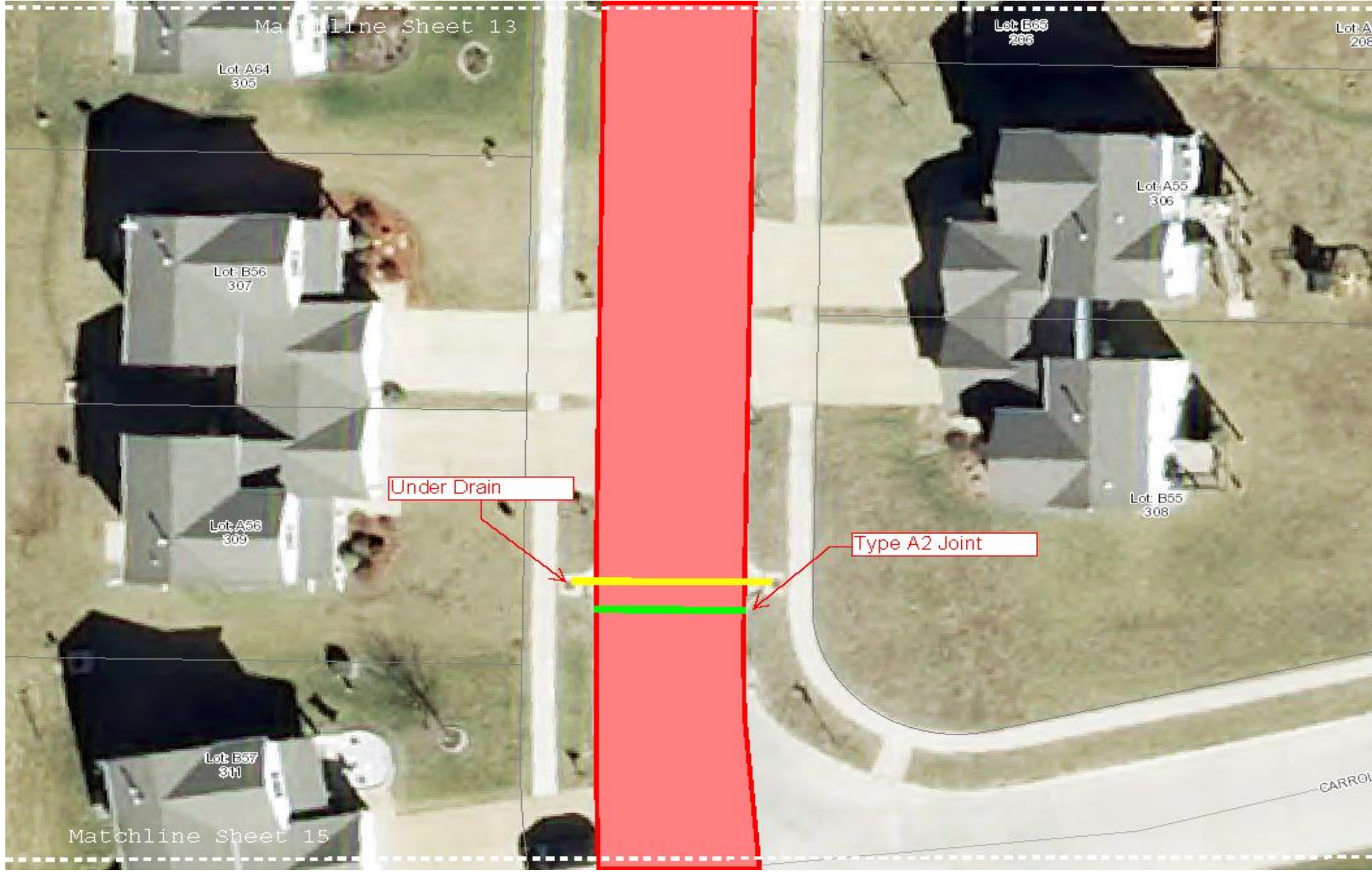
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COLUMBUS DRIVE	SCALE	N.T.S.
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NOTES

1. FOR NEW RICHMOND DRIVE, SEE SHEET 17

WORK AREA 2



WORK AREA 2

NOTES

1. FOR CARROLLTON DRIVE, SEE SHEET 20

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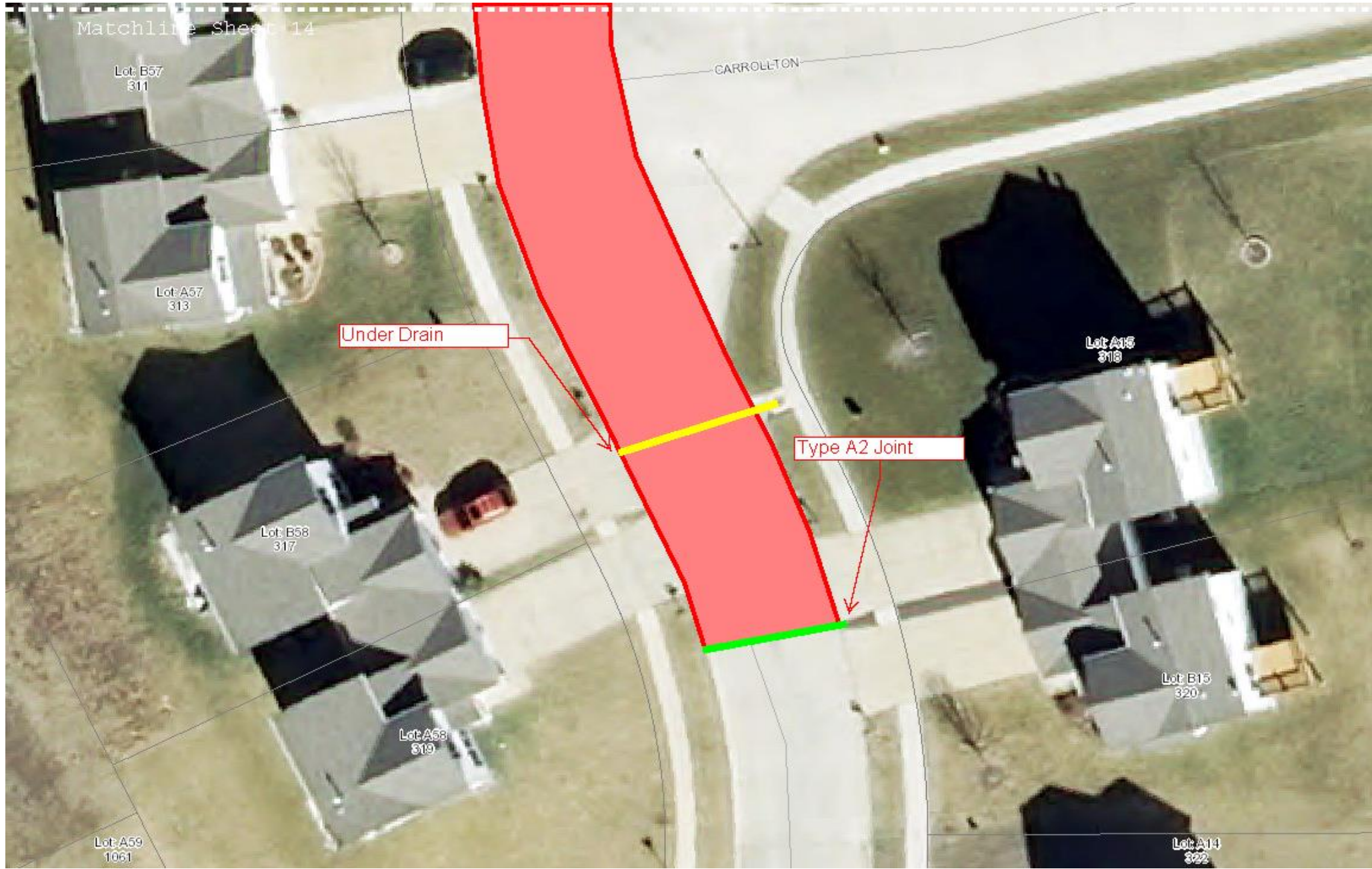
COLUMBUS DRIVE

SCALE

N.T.S.

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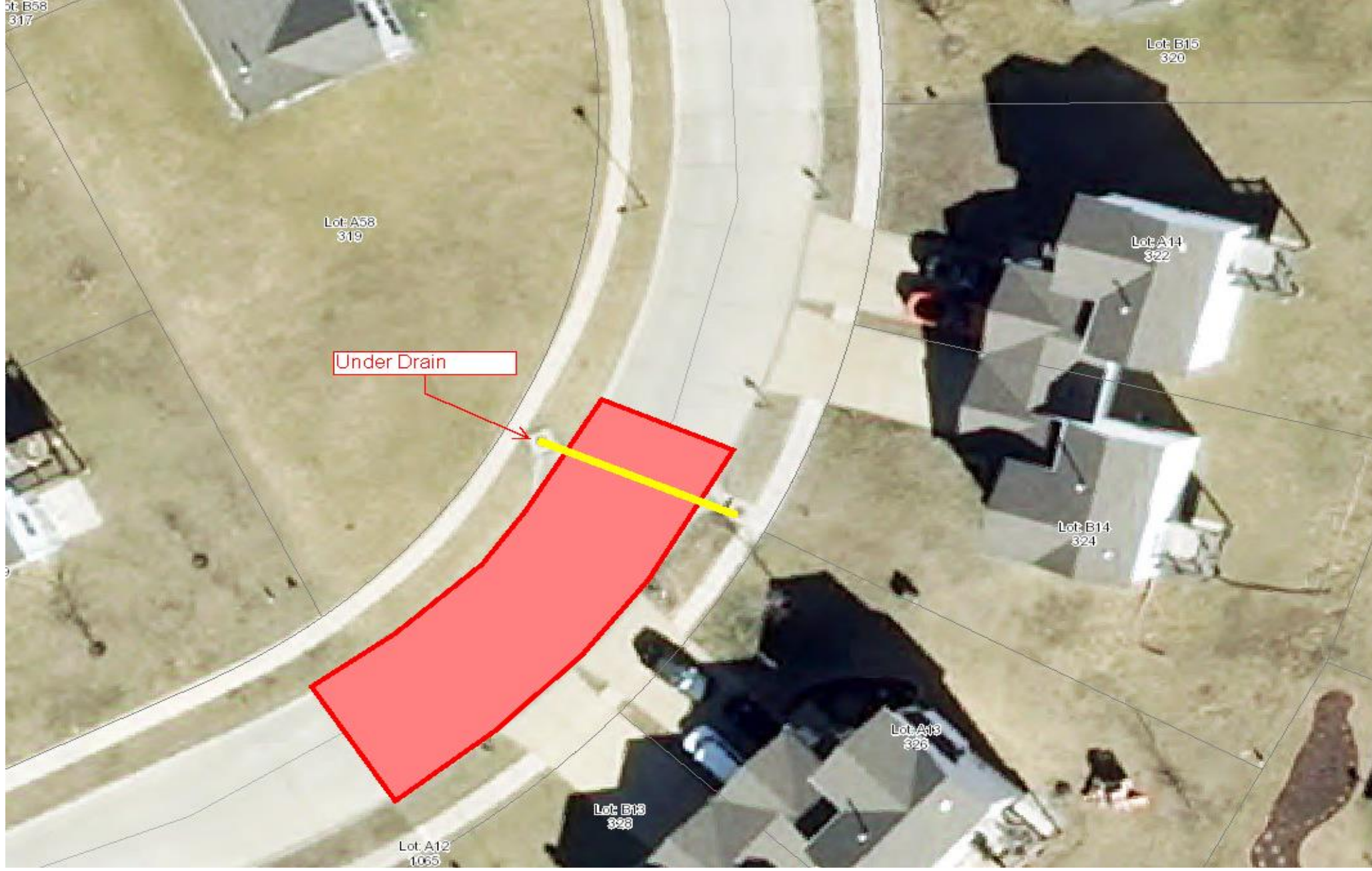
SLAB REPLACEMENT PROJECT "B" 2016
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COLUMBUS DRIVE	SCALE	N.T.S.
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NOTES


1. FOR CARROLLTON DRIVE, SEE SHEET 20

WORK AREA 2



WORK AREA 2



COLUMBUS DRIVE		SLAB REPLACEMENT PROJECT "B" 2016		200 East Fourth Street Wentzville MO, 63385 Phone: 636-327-5102 Fax: 636-639-2057
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WORK AREA 2

NOTES

1. FOR COLUMBUS DRIVE DRIVE, SEE SHEET 13

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SLAB REPLACEMENT PROJECT "B" 2016

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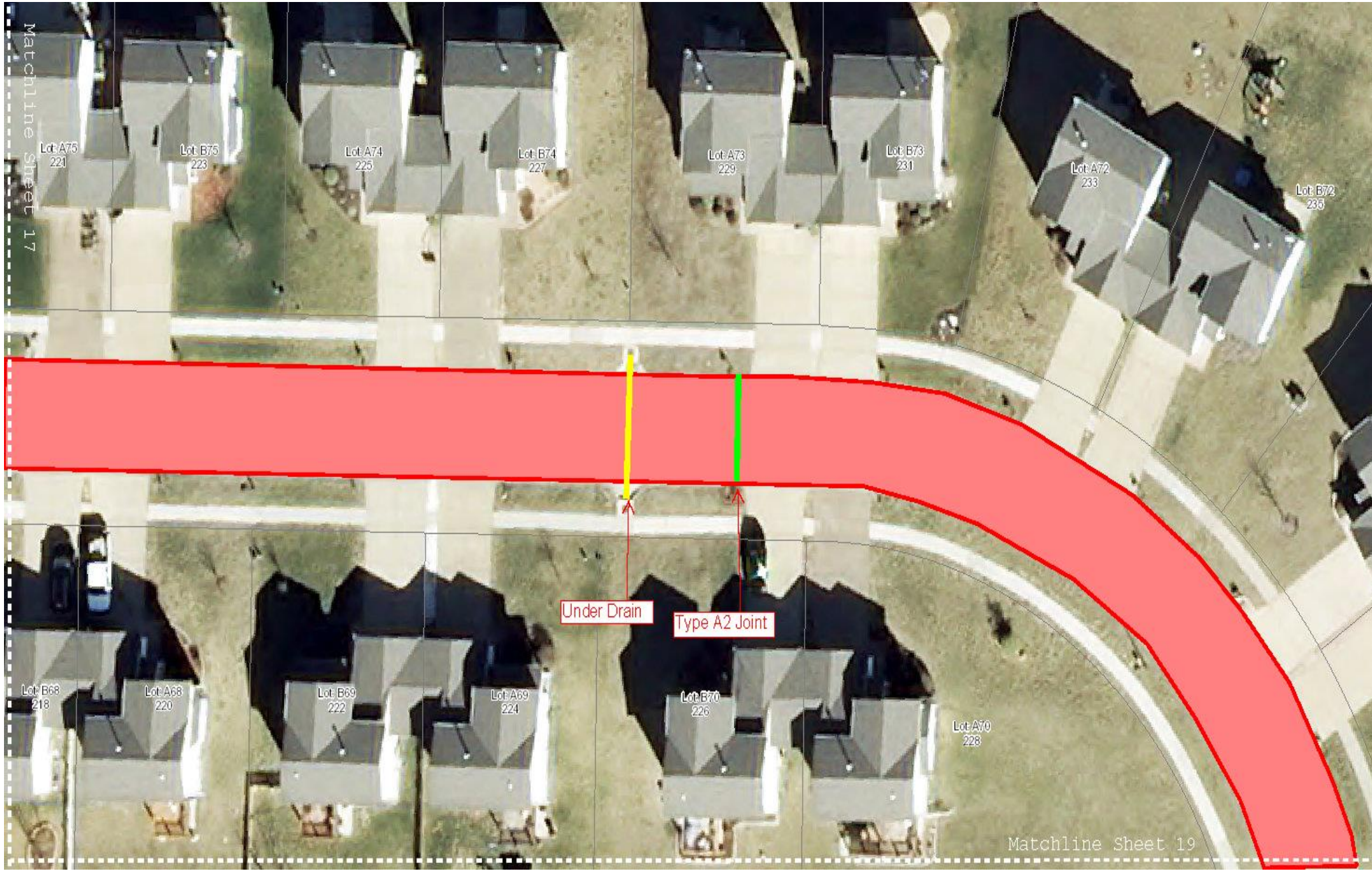
NEW RICHMOND DRIVE

SCALE

N.T.S.

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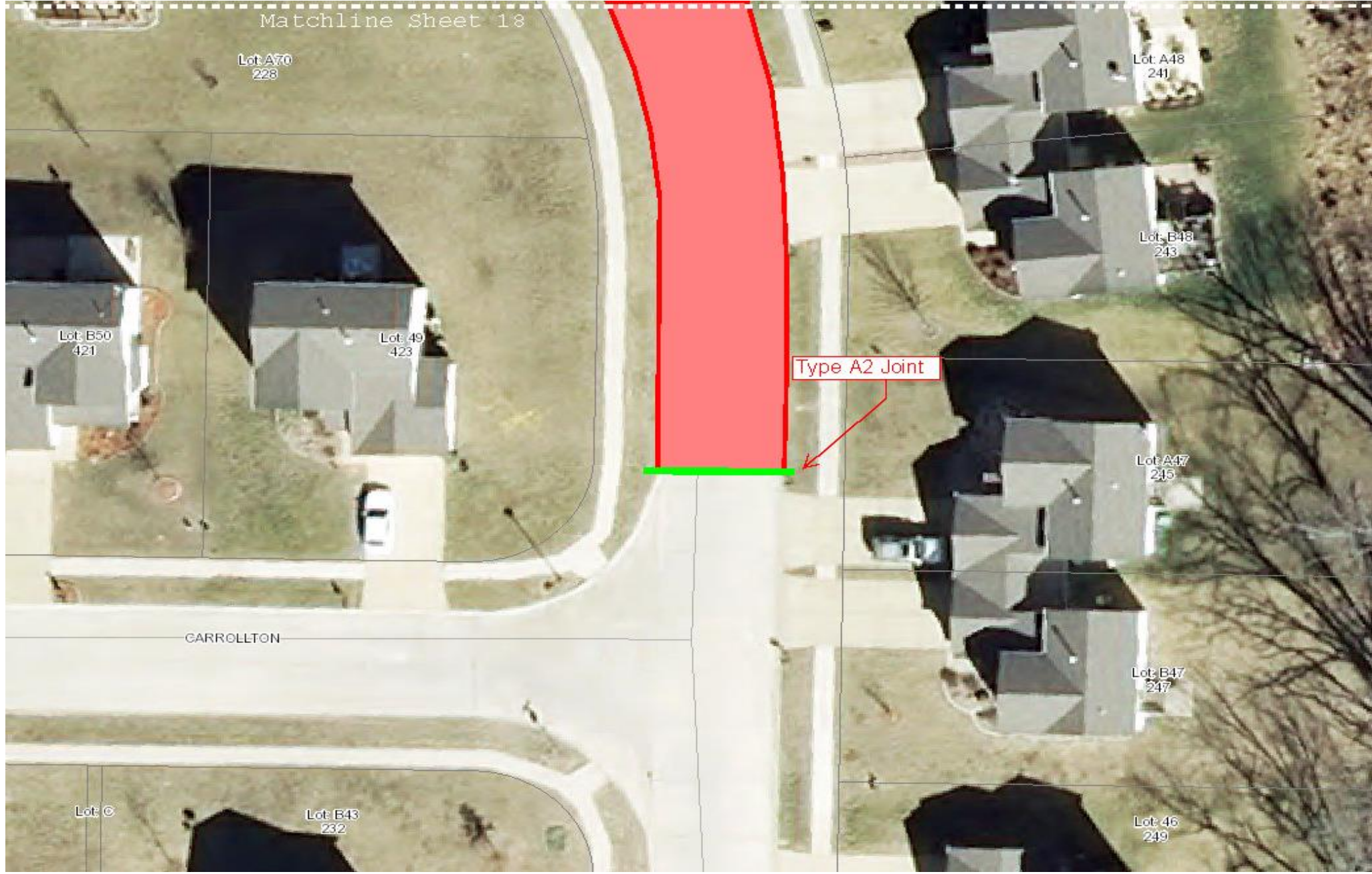
WORK AREA 2

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SLAB REPLACEMENT PROJECT "B" 2016
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NEW RICHMOND DRIVE	SCALE	N.T.S.
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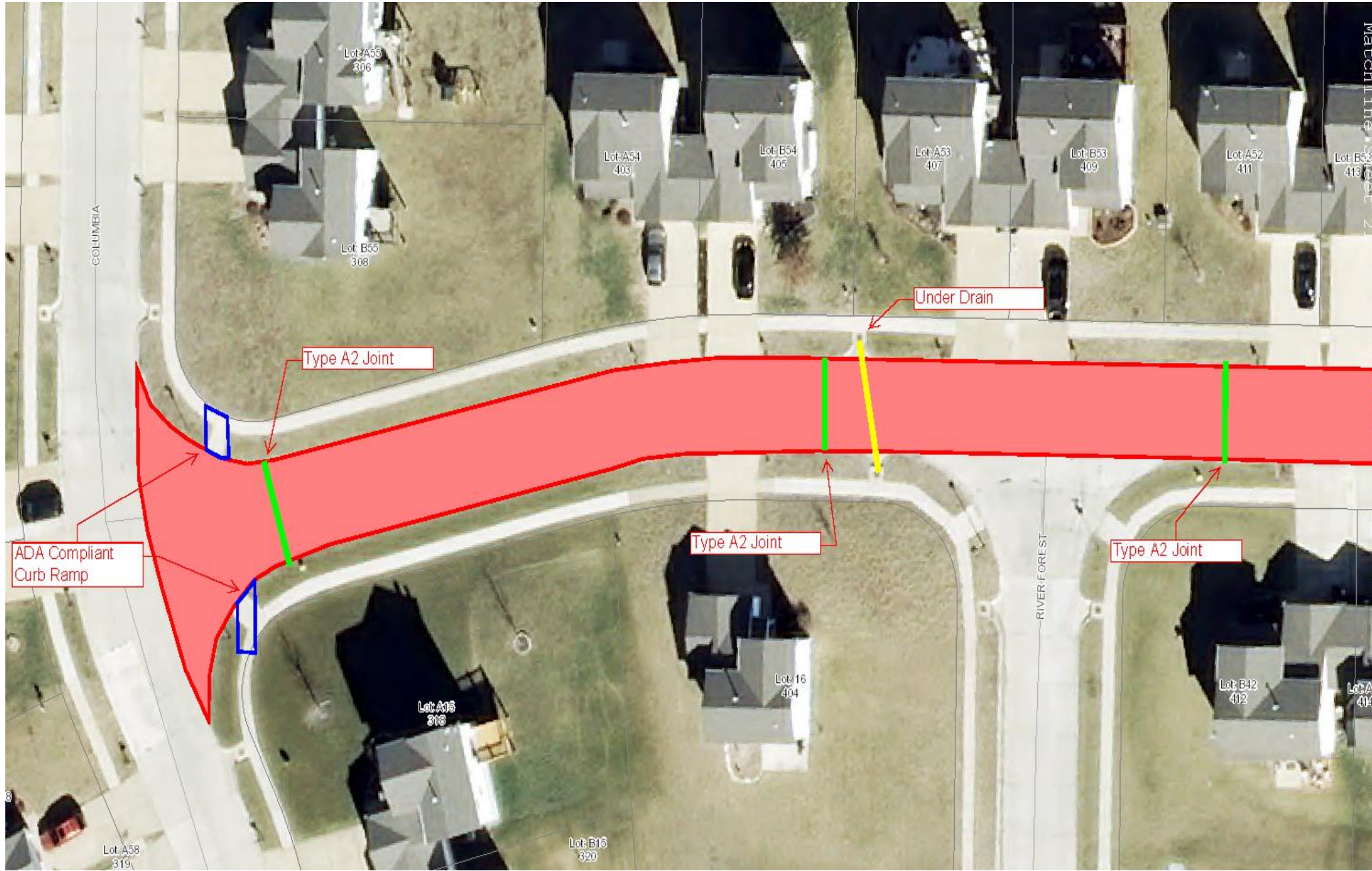
SLAB REPLACEMENT PROJECT "B" 2016
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NEW RICHMOND DRIVE	SCALE	N.T.S.
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NOTES

1. FOR CARROLLTON DRIVE, SEE SHEET 21

WORK AREA 2



WORK AREA 2

NOTES

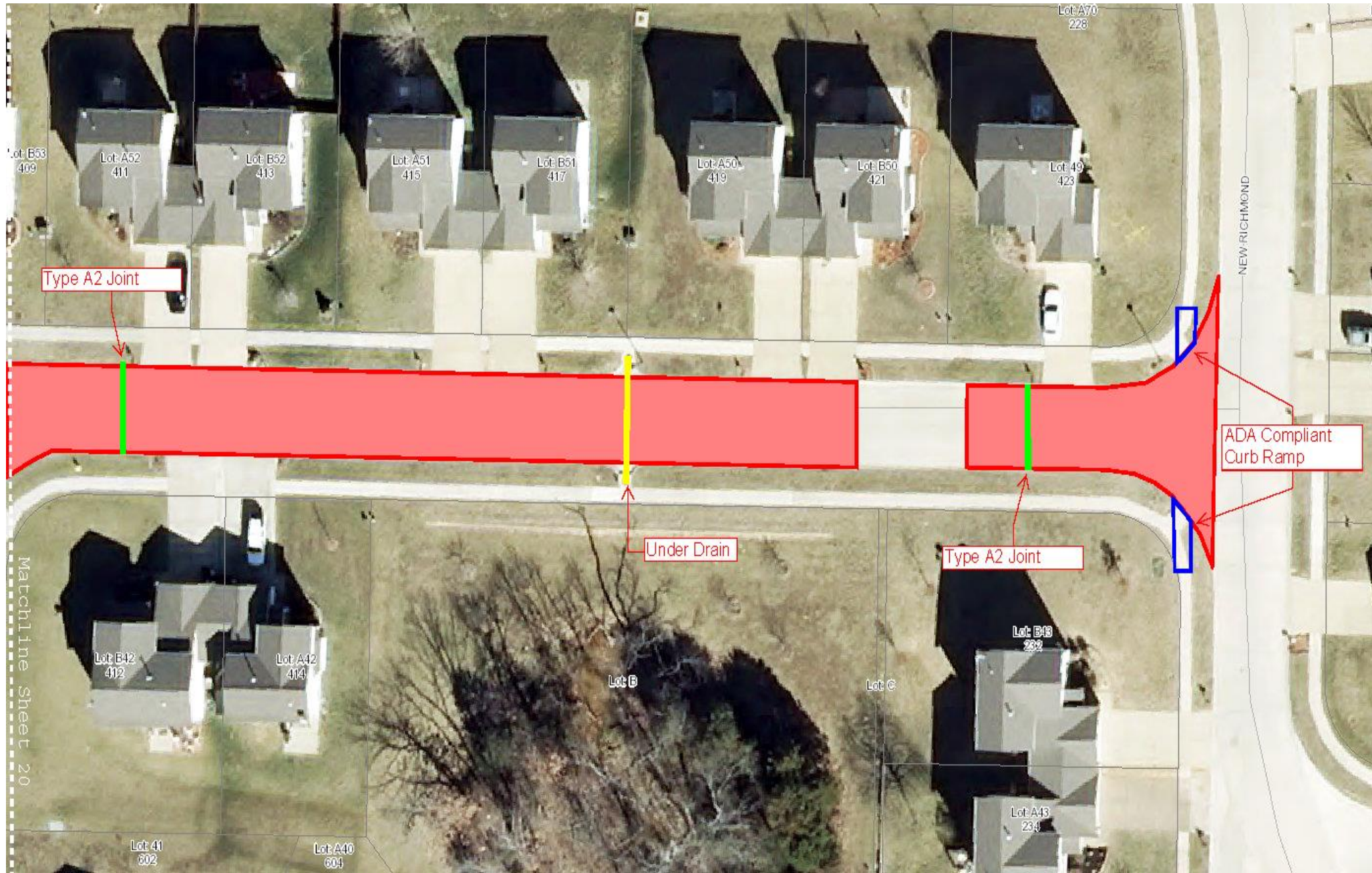
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2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR COLUMBUS DRIVE, SEE SHEET 14
4. FOR RIVER FOREST DRIVE, SEE SHEET 22

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SLAB REPLACEMENT PROJECT "B" 2016
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CARROLLTON DRIVE	SCALE	N.T.S.
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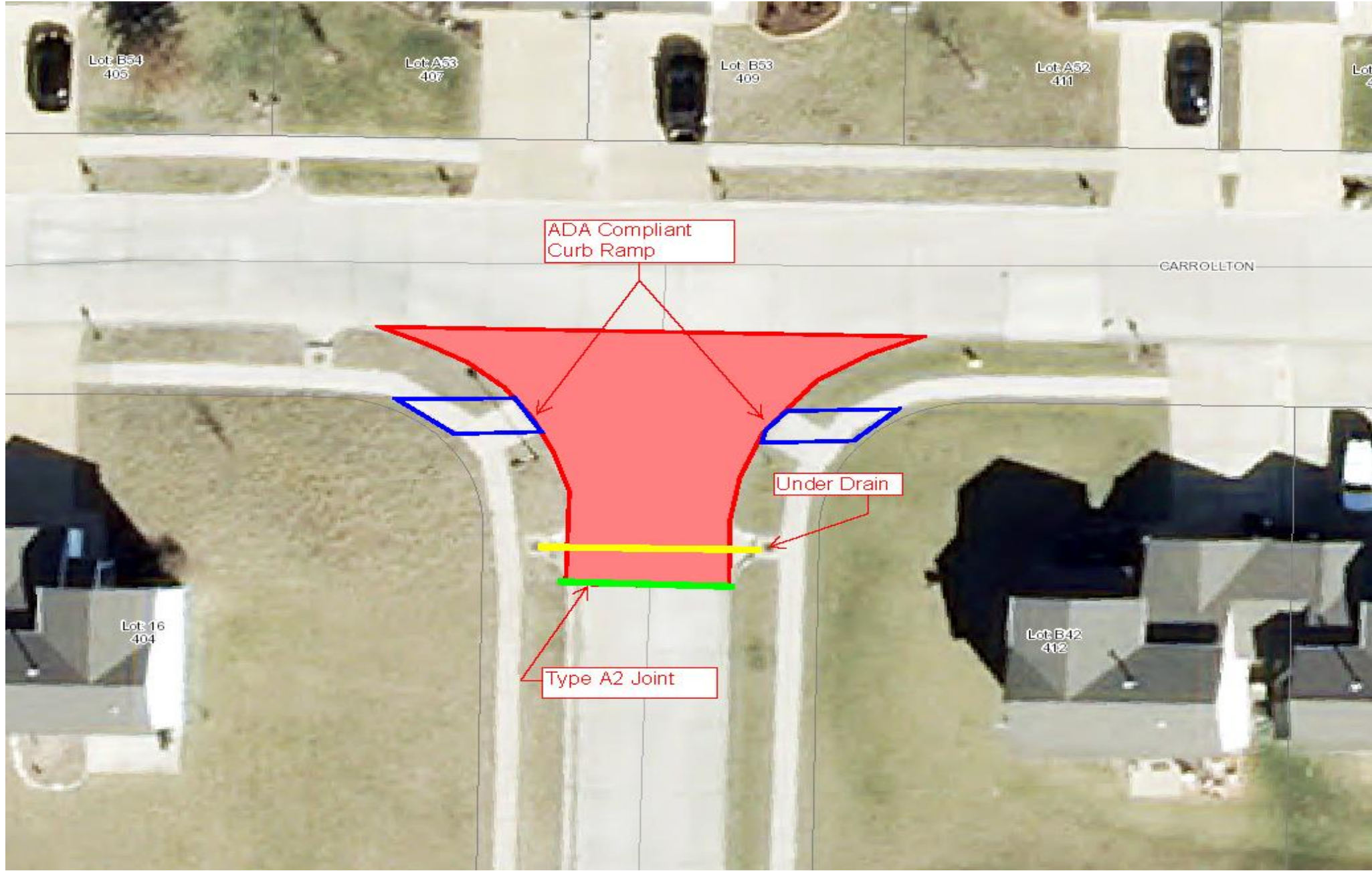
SLAB REPLACEMENT PROJECT "B" 2016
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CARROLLTON DRIVE	SCALE	N.T.S.
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NOTES

WORK AREA 2

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR NEW RICHMOND DRIVE, SEE SHEET 19



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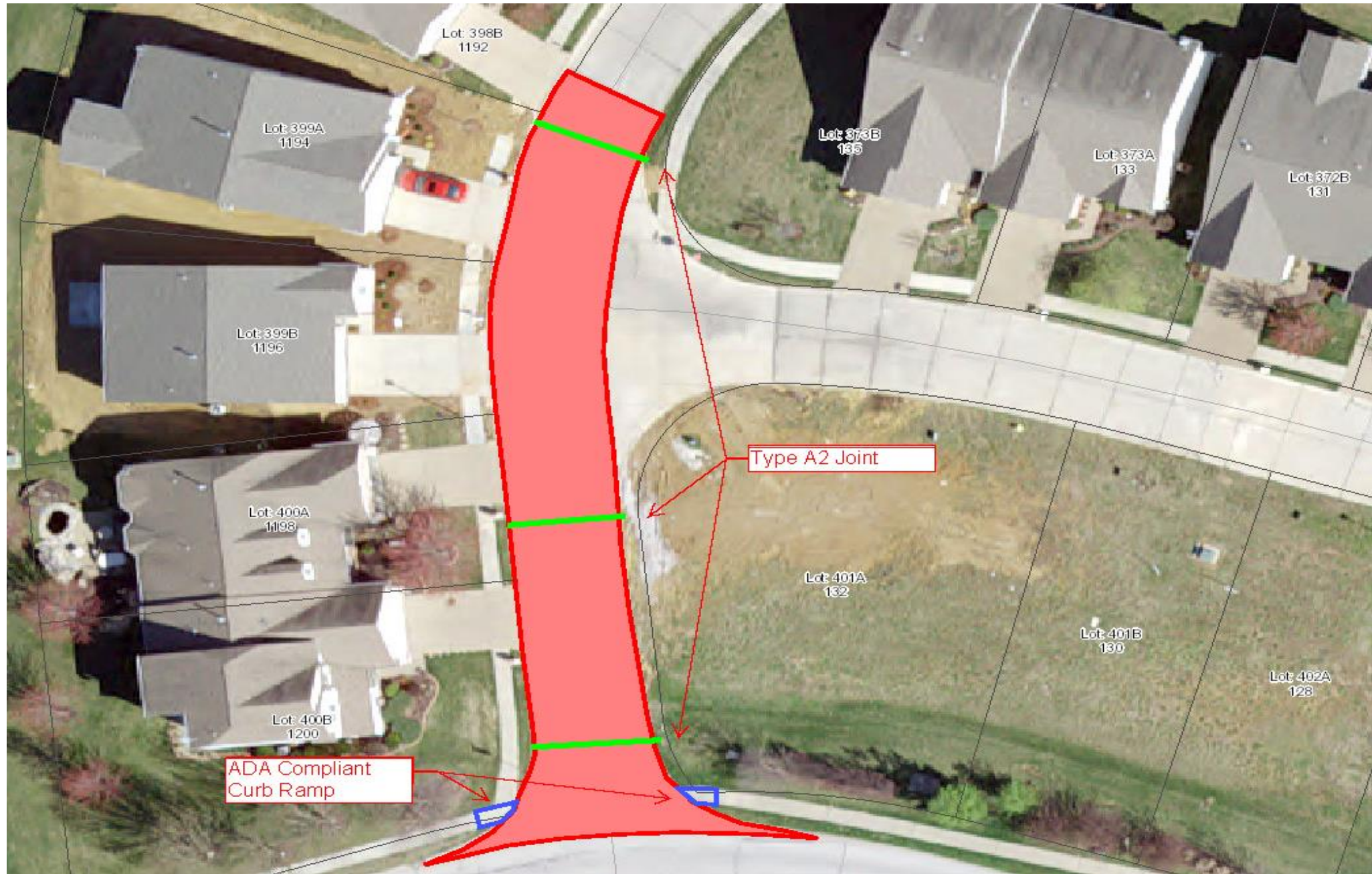
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

RIVER FOREST DRIVE	SCALE	N.T.S.
	SHEET NO.	22 OF 65

NOTES

WORK AREA 2

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR CARROLTON DRIVE, SEE SHEET 20



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SLAB REPLACEMENT PROJECT "B" 2016

IFB #16-041

SILO BEND DRIVE

SCALE

N.T.S.

SHEET NO.

23 OF 65

NOTES

WORK AREA 2

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR SILO VALLEY DRIVE, SEE SHEET 30



WORK AREA 2

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SLAB REPLACEMENT PROJECT "B" 2016
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SILO BEND DRIVE	SCALE	N.T.S.
	SHEET NO.	24 OF 65



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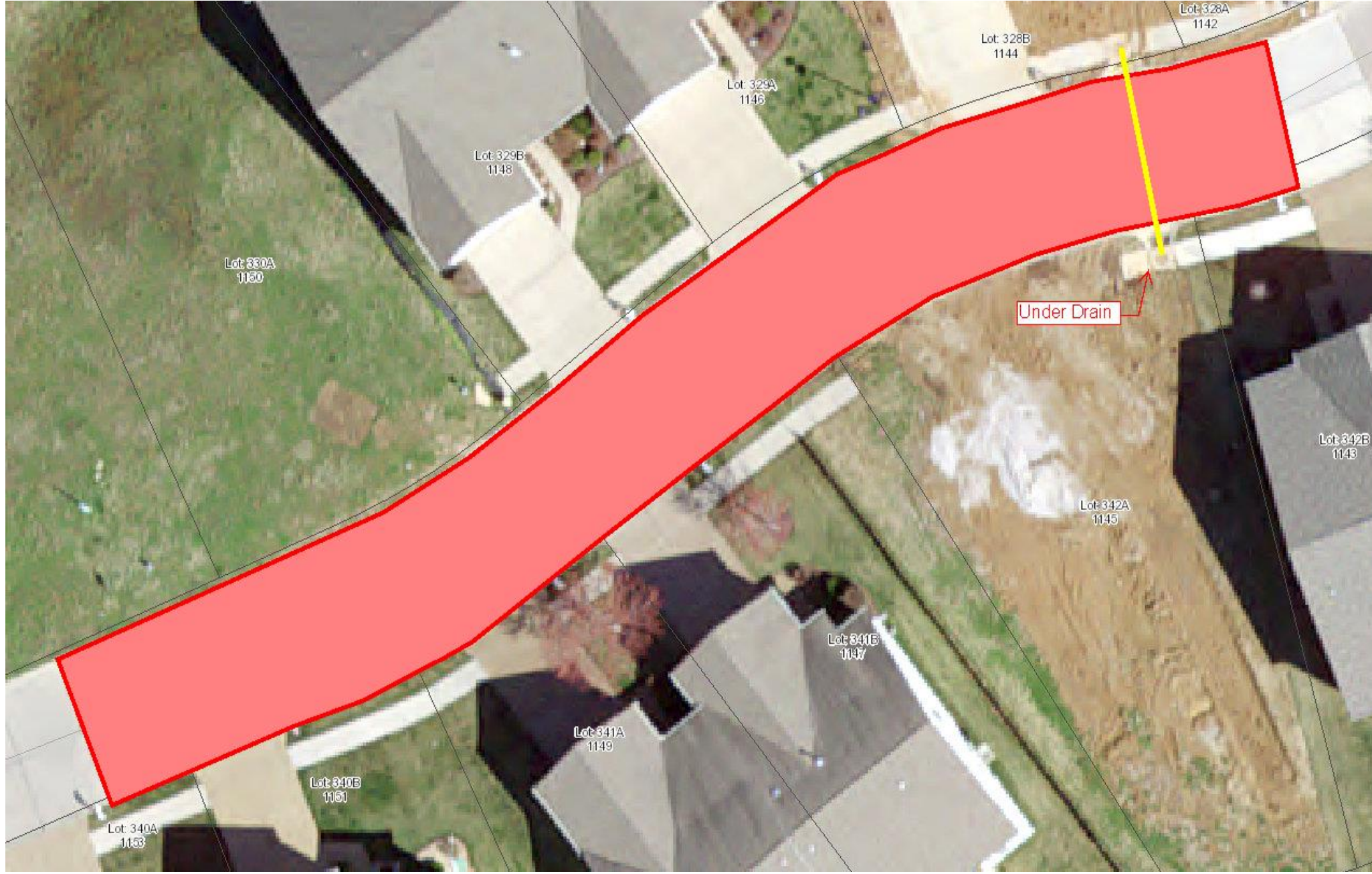
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

SILO BEND DRIVE	SCALE	N.T.S.
	SHEET NO.	25 OF 65

NOTES

1. FOR SILO VIEW DRIVE, SEE SHEET 33

WORK AREA 2



WORK AREA 2

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SLAB REPLACEMENT PROJECT "B" 2016
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SILO BEND DRIVE	SCALE	N.T.S.
	SHEET NO.	



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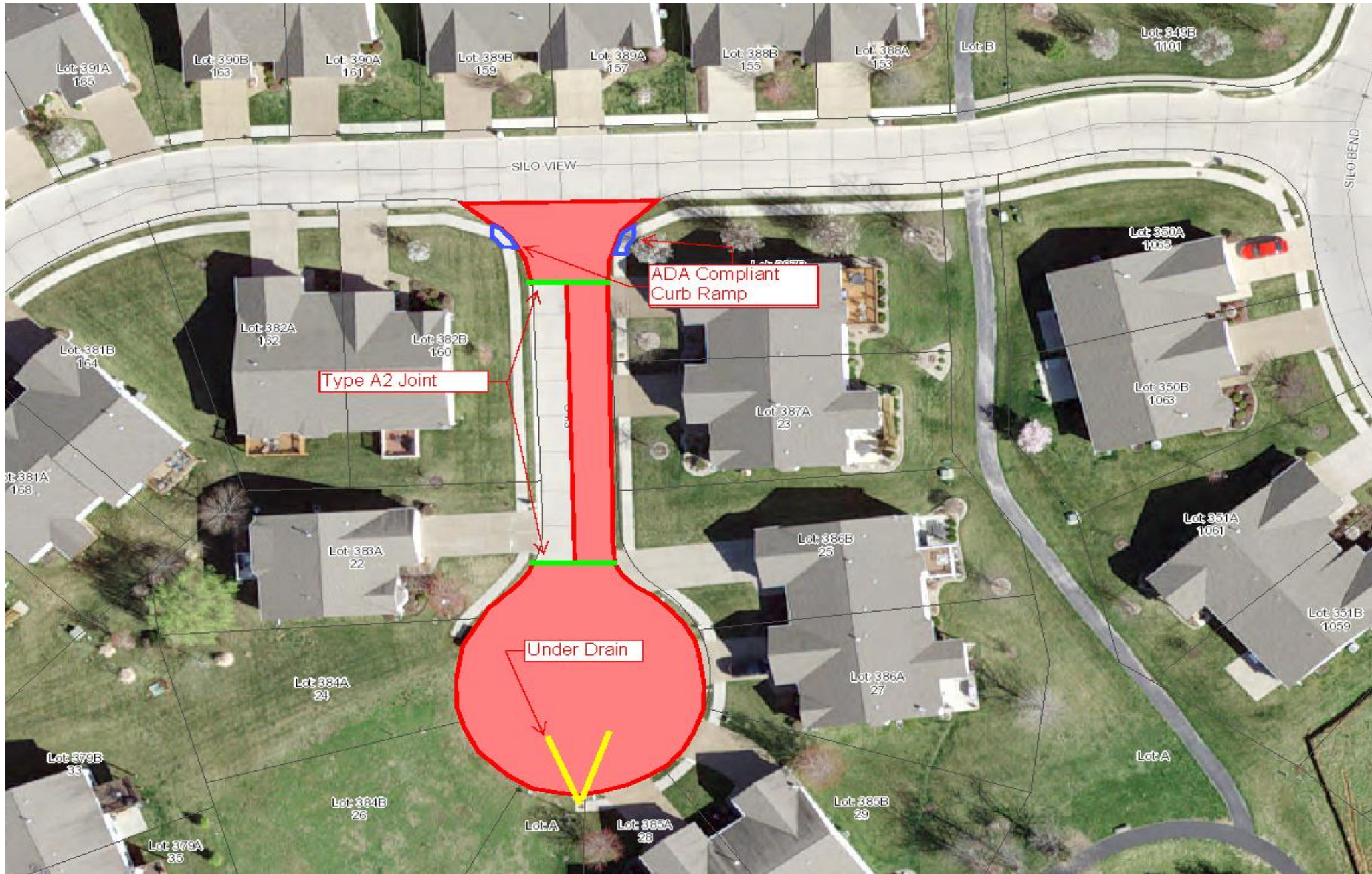
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

SILO BEND DRIVE	SCALE	N.T.S.
	SHEET NO.	27 OF 65

NOTES

WORK AREA 2

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDEWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.



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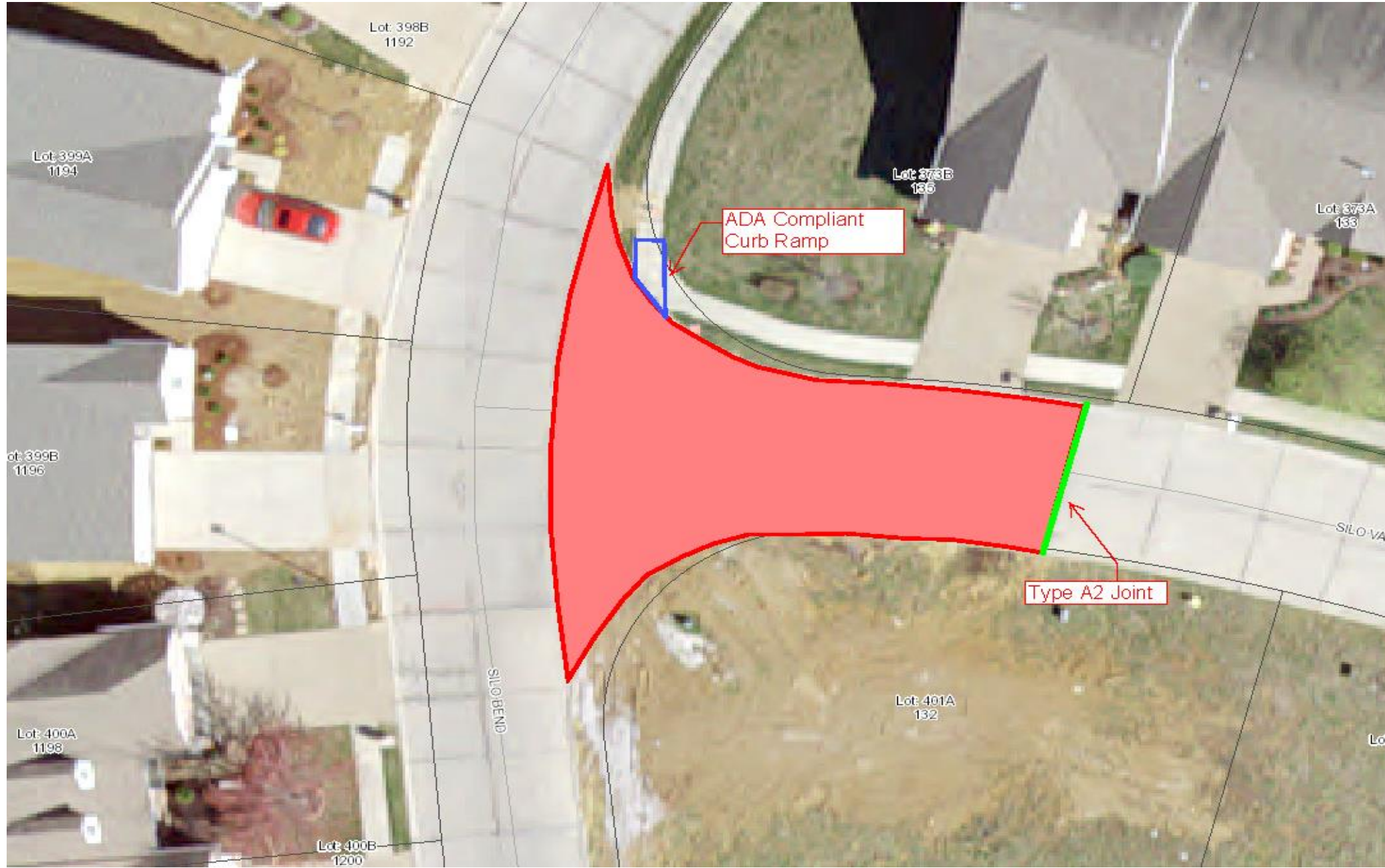
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

SILO COURT	SCALE	N.T.S.
	SHEET NO.	28 OF 65

NOTES

WORK AREA 2

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDEWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.



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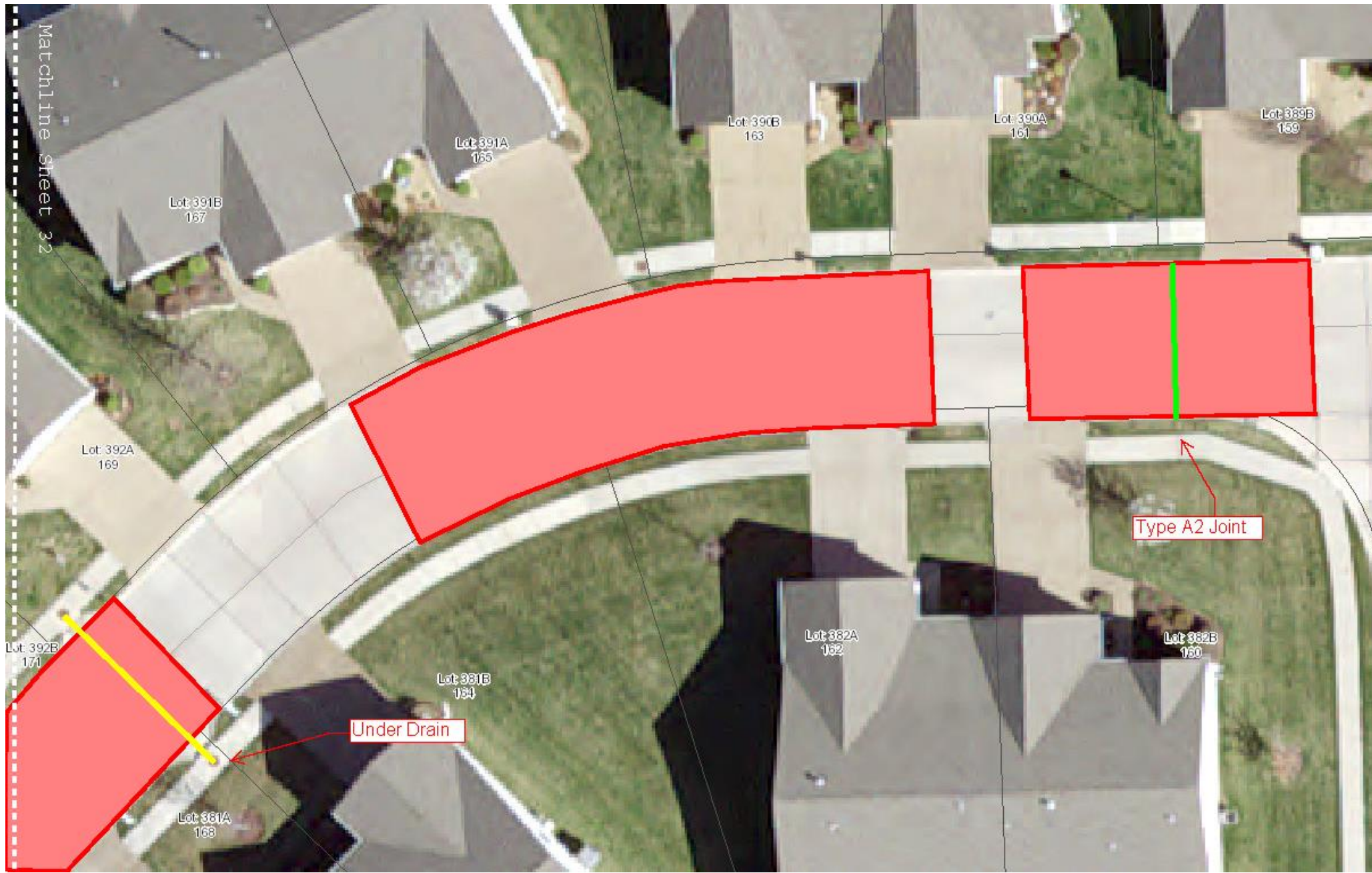
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

SILO VALLEY DRIVE	SCALE	N.T.S.
	SHEET NO.	30 OF 65

NOTES

1. FOR SILO BEND DRIVE, SEE SHEET 23

WORK AREA 2



WORK AREA 2

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SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

SILO VIEW DRIVE	SCALE	N.T.S.
	SHEET NO.	31 OF 65



WORK AREA 2

NOTES

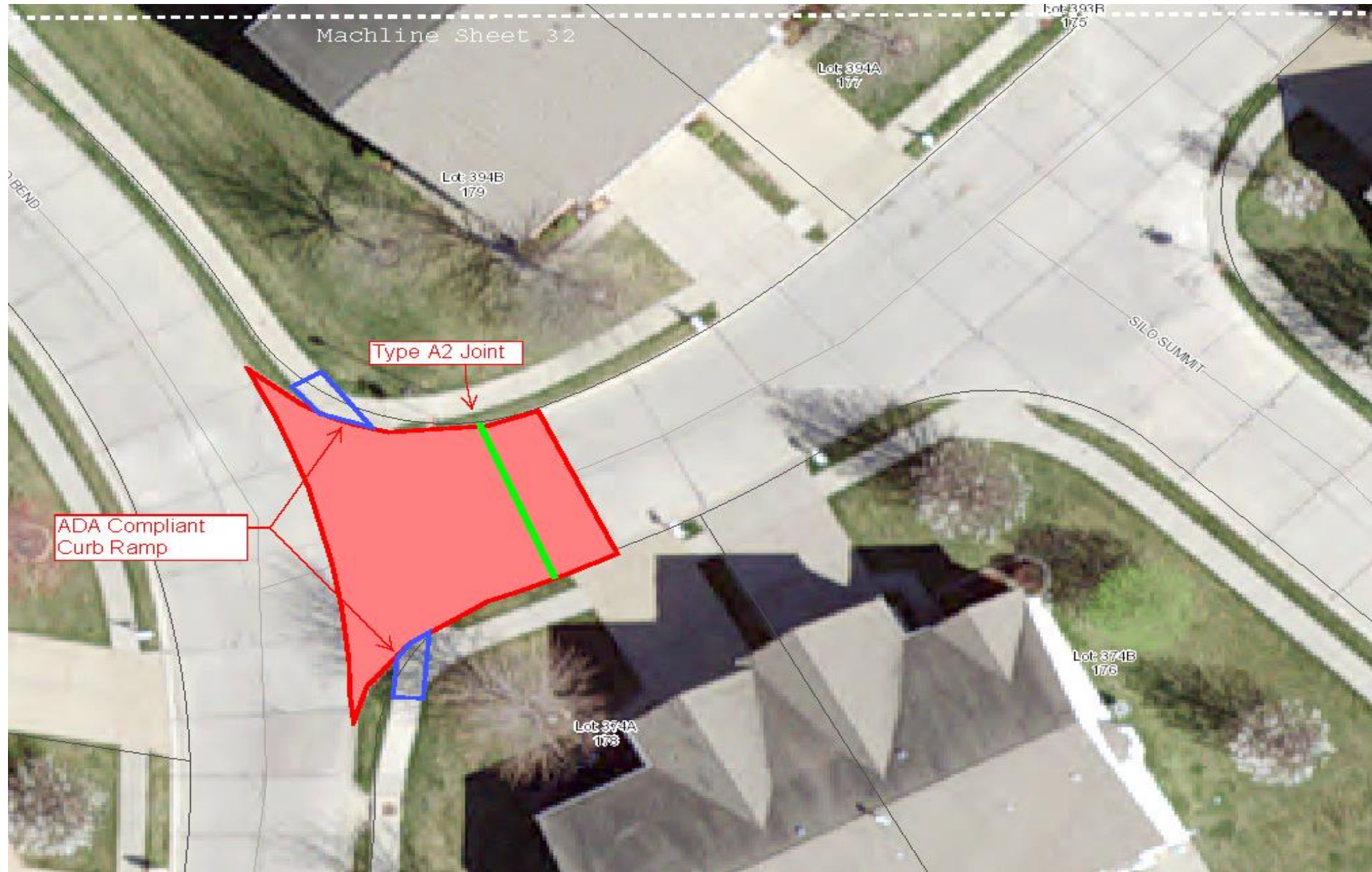
- 1. FOR SILO SUMMIT COURT, SEE SHEET 29

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SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

SILO VIEW DRIVE	SCALE	N.T.S.
	SHEET NO.	32 OF 65



WORK AREA 2

NOTES

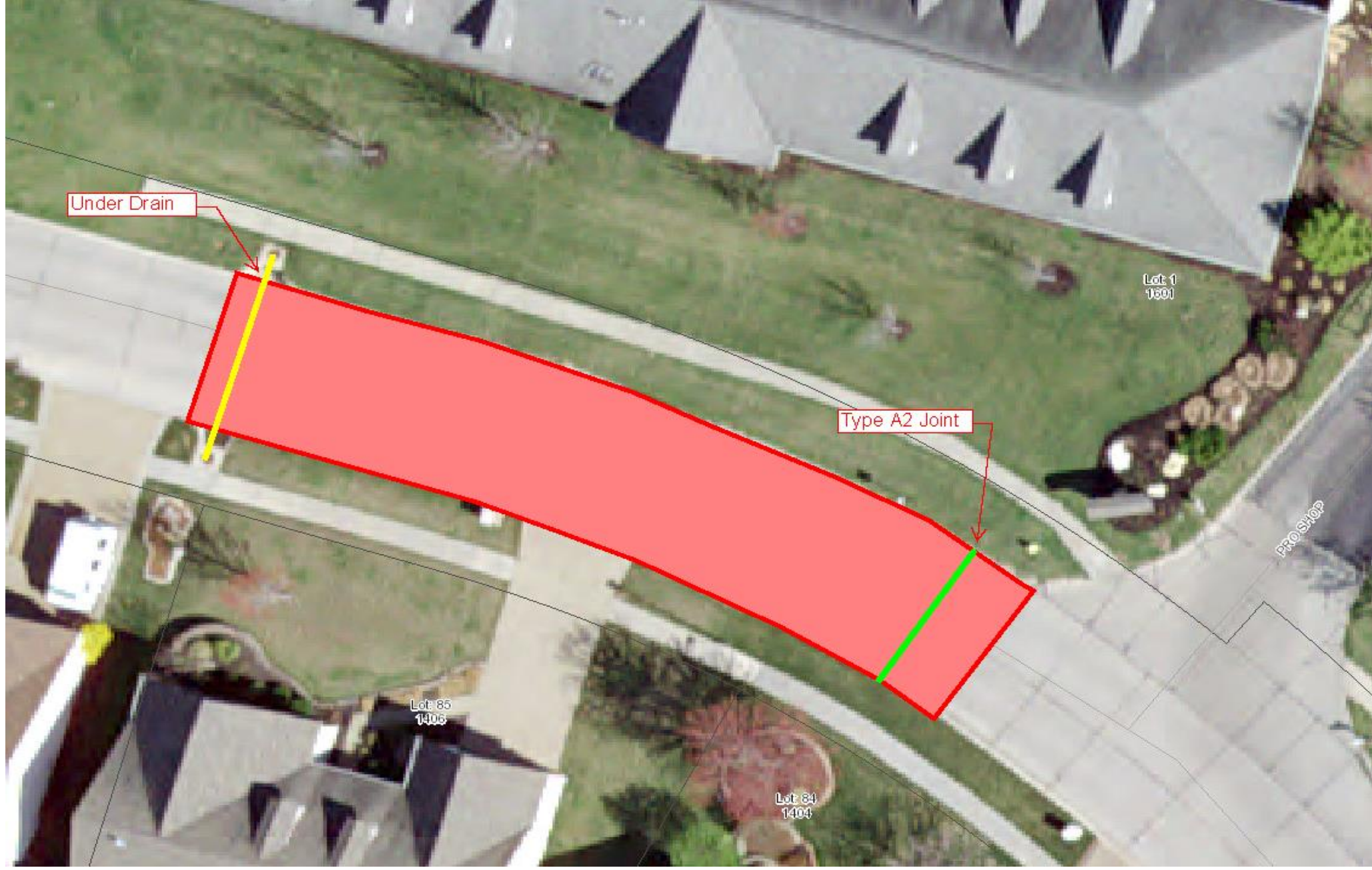
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2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR SILO BEND DRIVE, SEE SHEET 24
4. FOR SILO SUMMIT DRIVE, SEE SHEET 29

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SLAB REPLACEMENT PROJECT "B" 2016
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SILO VIEW DRIVE	SCALE	N.T.S.
	SHEET NO.	33 OF 65



WORK AREA 2

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SLAB REPLACEMENT PROJECT "B" 2016
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DEVONSHIRE COUNTY DRIVE	SCALE	N.T.S.
	SHEET NO.	



WORK AREA 2

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SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

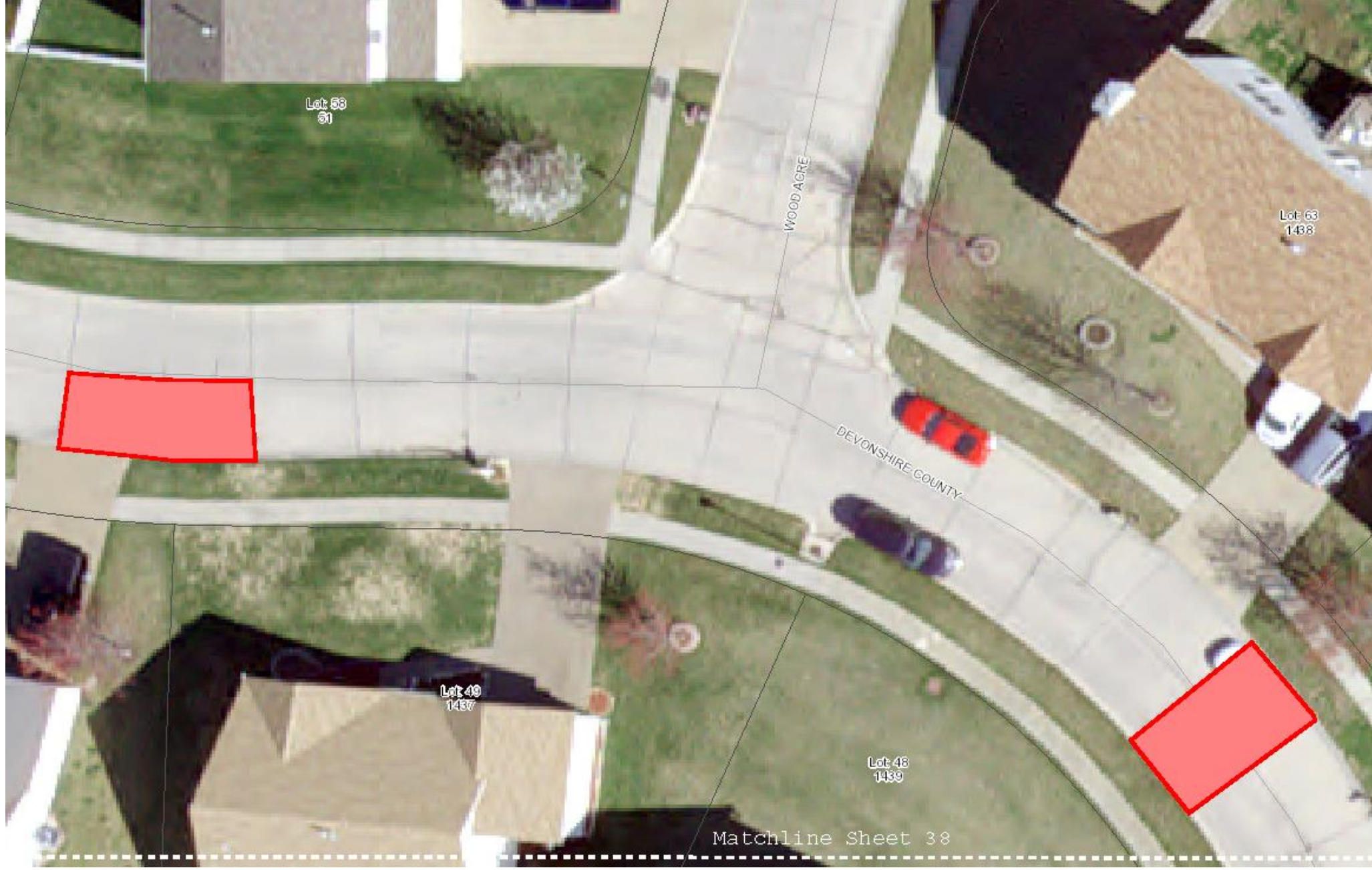
DEVONSHIRE COUNTY DRIVE	
SHEET NO.	35 OF 65
SCALE	N.T.S.



WORK AREA 2



DEVONSHIRE COUNTY DRIVE		200 East Fourth Street Wentzville MO, 63385	
		 <p>Phone: 636-327-5102 Fax: 636-639-2057</p>	
SLAB REPLACEMENT PROJECT "B" 2016		IFB #16-041	
SHEET NO.	36 OF 65	SCALE	N.T.S.



WORK AREA 2

NOTES

1. FOR WOOD ACRE COURT, SEE SHEET 54

DEVONSHIRE COUNTY DRIVE

SHEET NO.

SCALE

N.T.S.

37 OF 65

SLAB REPLACEMENT PROJECT "B" 2016

IFB #16-041



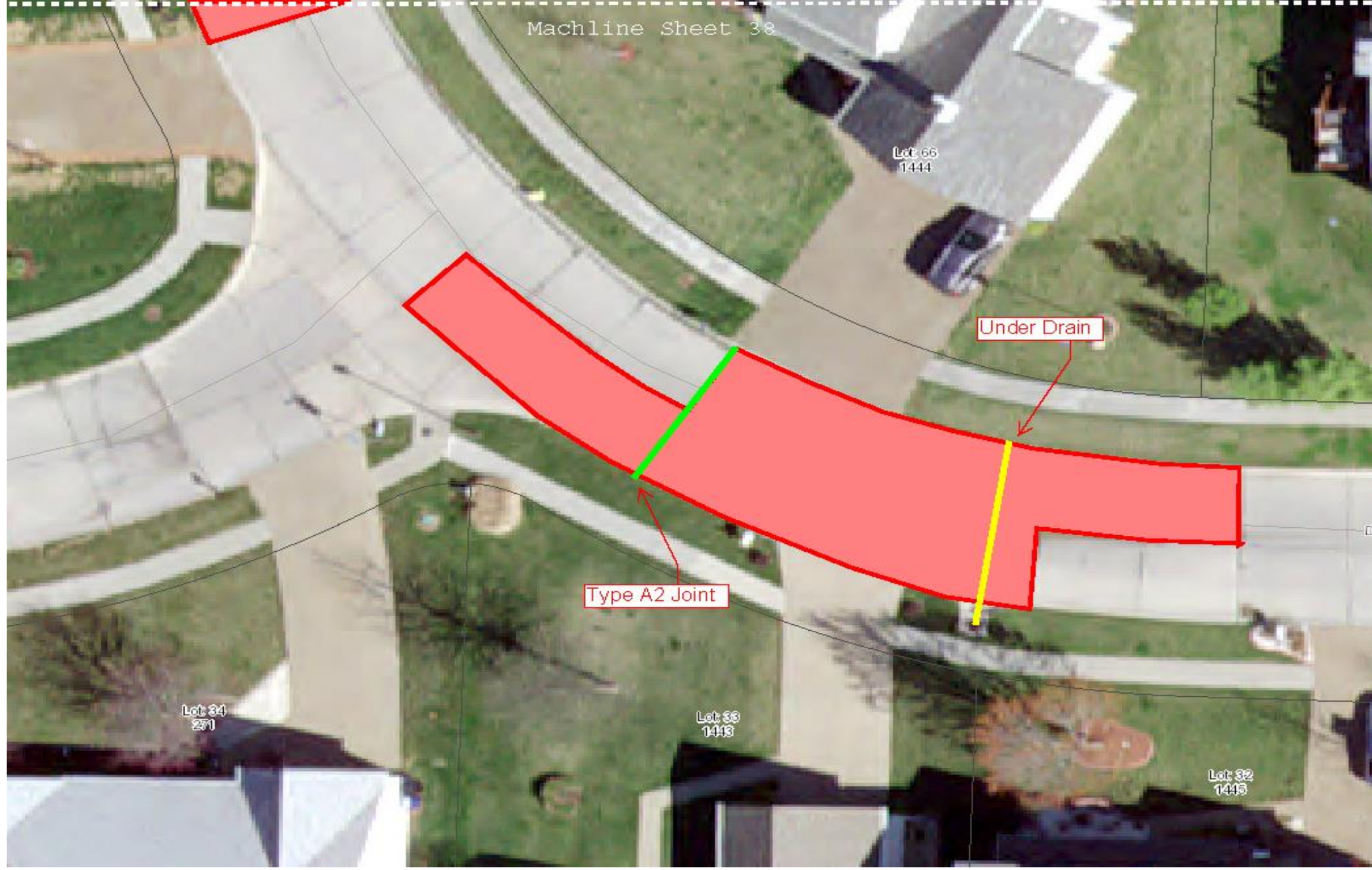
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WORK AREA 2

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SLAB REPLACEMENT PROJECT "B" 2016 IFB #16-041	
DEVONSHIRE COUNTY DRIVE	SCALE N.T.S.
SHEET NO. 38 OF 65	



WORK AREA 2

DEVONSHIRE COUNTY DRIVE		200 East Fourth Street Wentzville MO, 63385	
SHEET NO.		Phone: 636-327-5102 Fax: 636-639-2057	
SCALE			
39 OF 65		SLAB REPLACEMENT PROJECT "B" 2016 IFB #16-041	
N.T.S.			



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SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

FAIRWAY VALLEY DRIVE	SCALE	N.T.S.
	SHEET NO.	40 OF 65

NOTES

1. FOR DEVONSHIRE COUNTY DRIVE, SEE SHEET 36

WORK AREA 2



WORK AREA 2

NOTES

1. FOR WESTWIND SUMMIT, SEE SHEET 50

FAIRWAY VALLEY DRIVE

SCALE

N.T.S.

SHEET NO.

41 OF 65

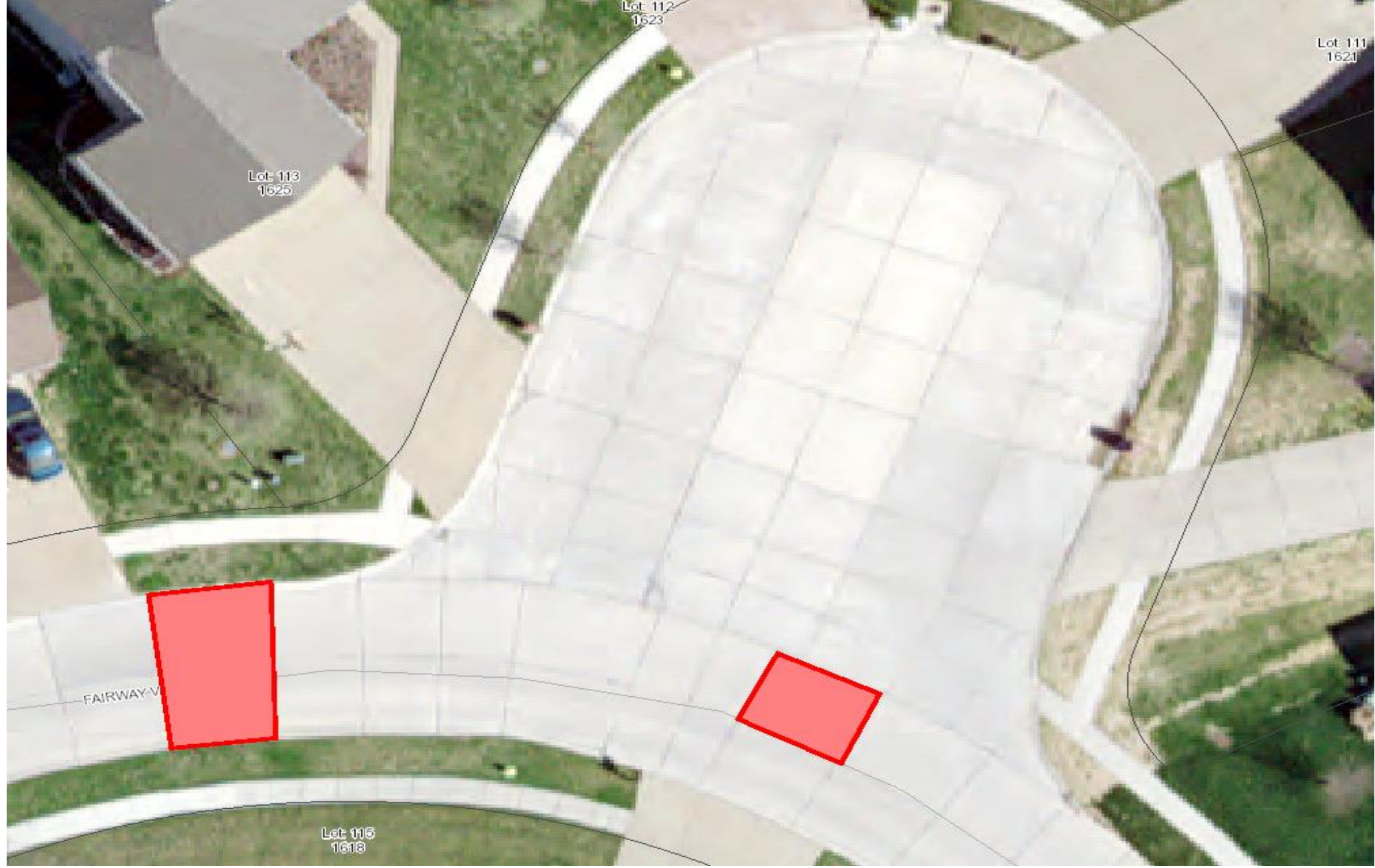
SLAB REPLACEMENT PROJECT "B" 2016

IFB #16-041

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WORK AREA 2



FAIRWAY VALLEY DRIVE SHEET NO. 42 OF 65		SLAB REPLACEMENT PROJECT "B" 2016 IFB #16-041			200 East Fourth Street Wentzville MO, 63385 Phone: 636-327-5102 Fax: 636-639-2057
		SCALE N.T.S.			



WORK AREA 2



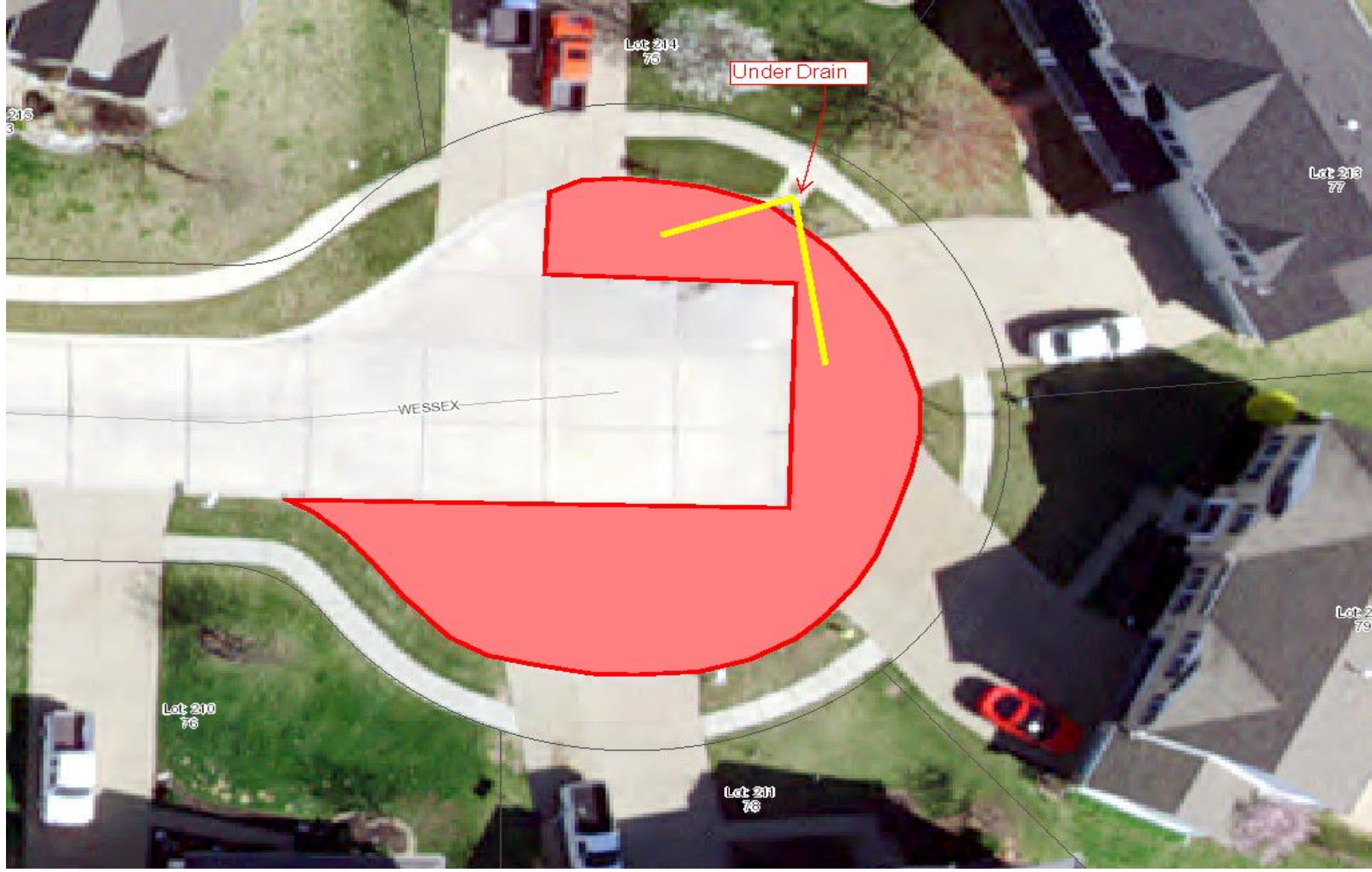
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SLAB REPLACEMENT PROJECT "B" 2016

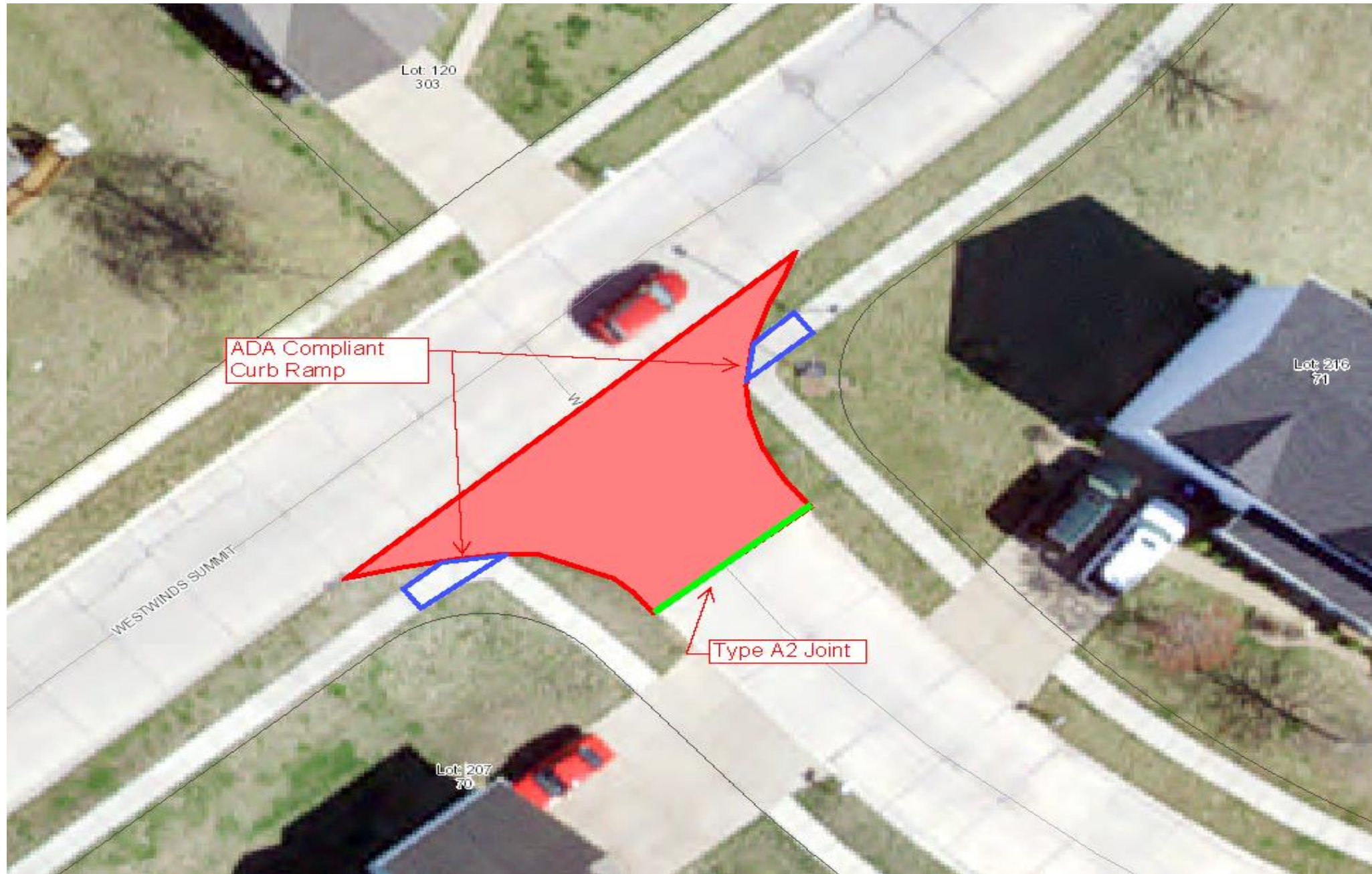
IFB #16-041

FAIRWAY VALLEY DRIVE	
SHEET NO.	43 OF 65
SCALE	N.T.S.



WORK AREA 2

WESSEX COURT		200 East Fourth Street Wentzville MO, 63385	
		 <p>Phone: 636-327-5102 Fax: 636-639-2057</p>	
SLAB REPLACEMENT PROJECT "B" 2016		IFB #16-041	
SHEET NO.	44 OF 65	SCALE	N.T.S.



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SLAB REPLACEMENT PROJECT "B" 2016

IFB #16-041

WESSEX COURT

SCALE

N.T.S.

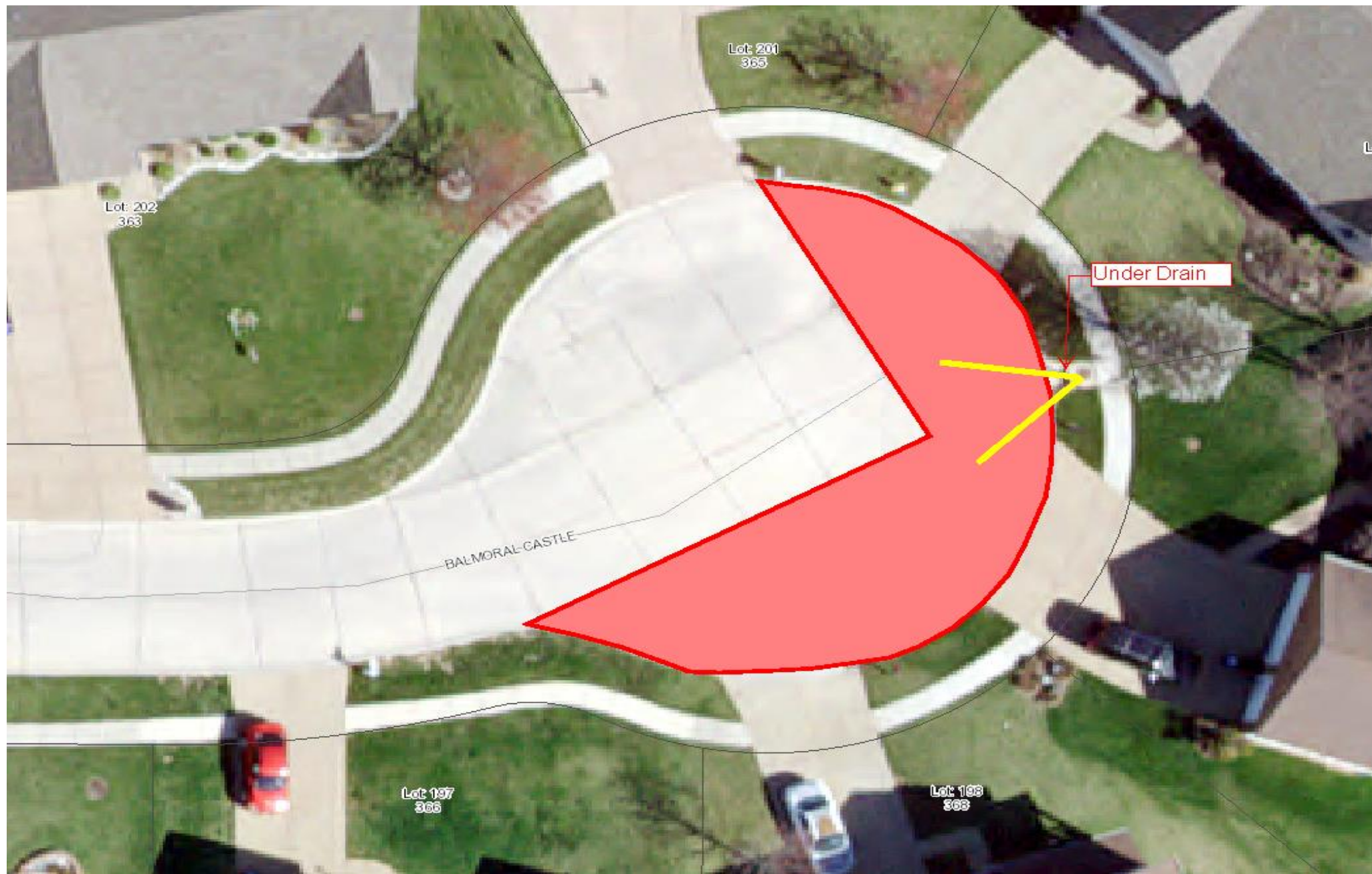
SHEET NO.

45 OF 65


NOTES

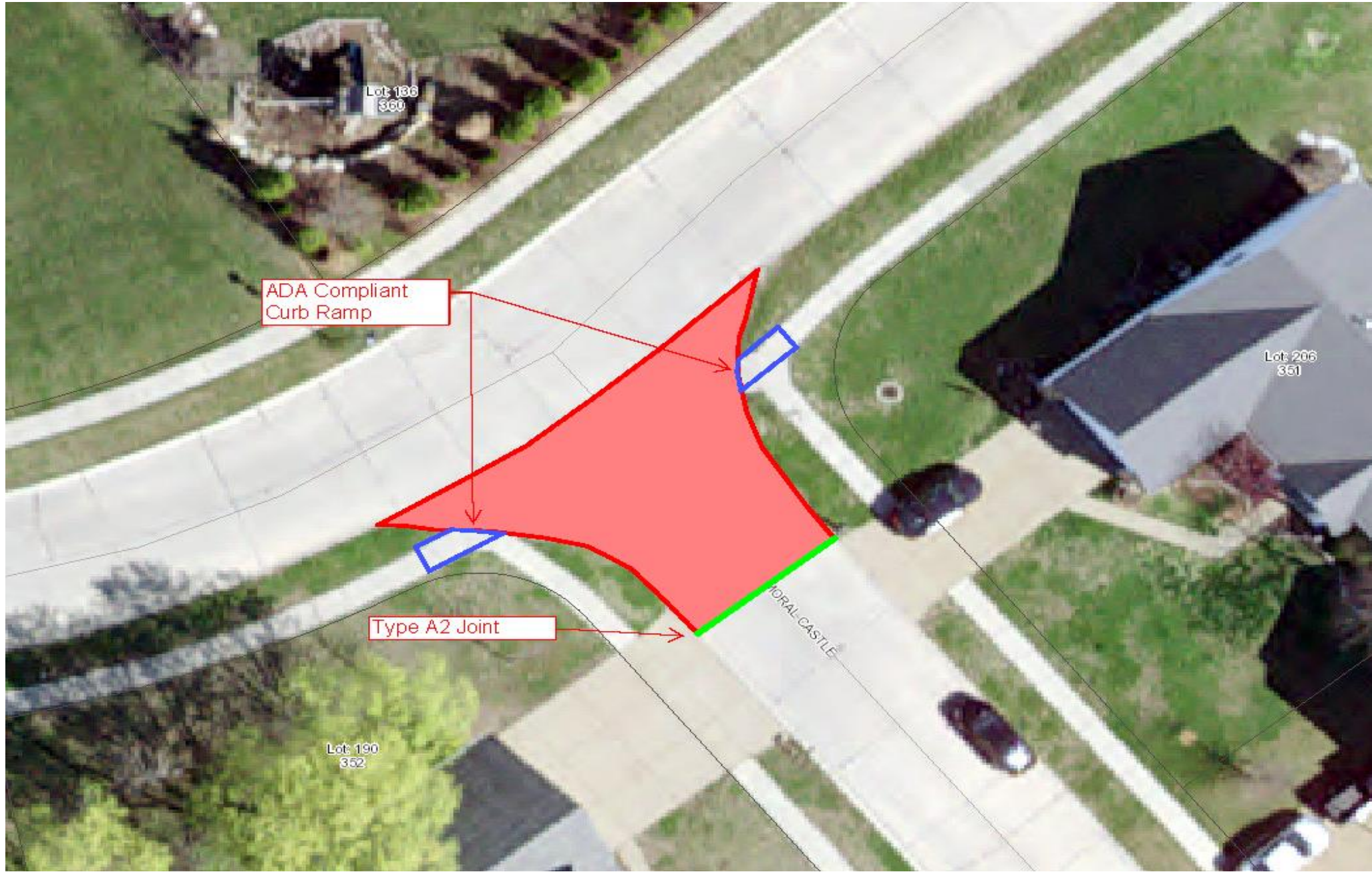
1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR WESTWIND SUMMIT, SEE SHEET 50

WORK AREA 2



WORK AREA 2

BALMORAL CASTLE		200 East Fourth Street Wentzville MO, 63385	
		 Phone: 636-327-5102 Fax: 636-639-2057	
SLAB REPLACEMENT PROJECT "B" 2016		IFB #16-041	
SHEET NO.	SCALE	N.T.S.	
46 OF 65			



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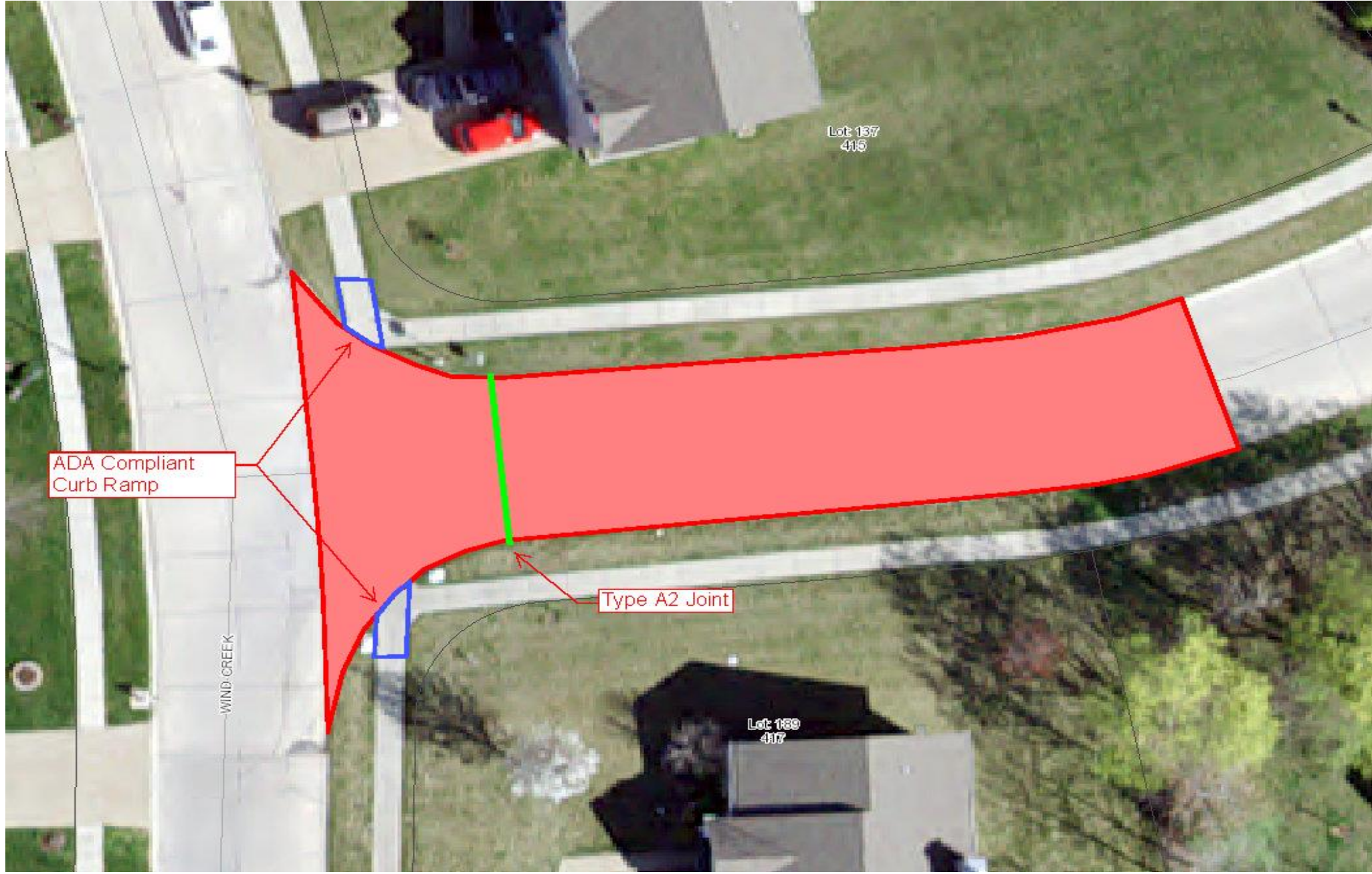
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

BALMORAL CASTLE	SCALE	N.T.S.
	SHEET NO.	47 OF 65

NOTES

WORK AREA 2

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.



WORK AREA 2

NOTES

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR WIND CREEK DRIVE, SEE SHEET 70

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SLAB REPLACEMENT PROJECT "B" 2016
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WESTWIND SUMMIT	SCALE	N.T.S.
	SHEET NO.	48 OF 65



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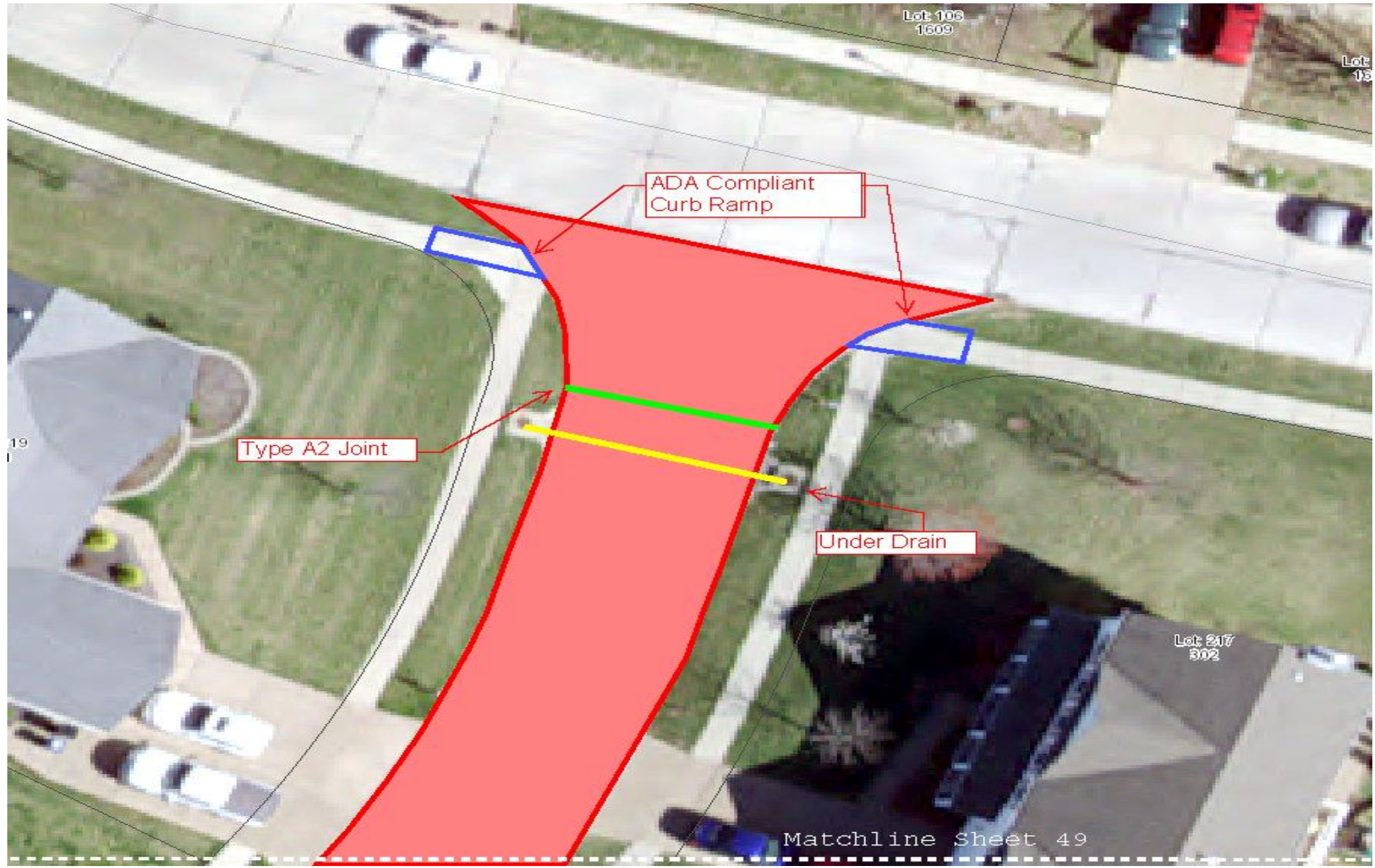
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

WESTWIND SUMMIT	SCALE	N.T.S.
	SHEET NO.	49 OF 65

NOTES

3. FOR WESSEX COURT, SEE SHEET 45

WORK AREA 2



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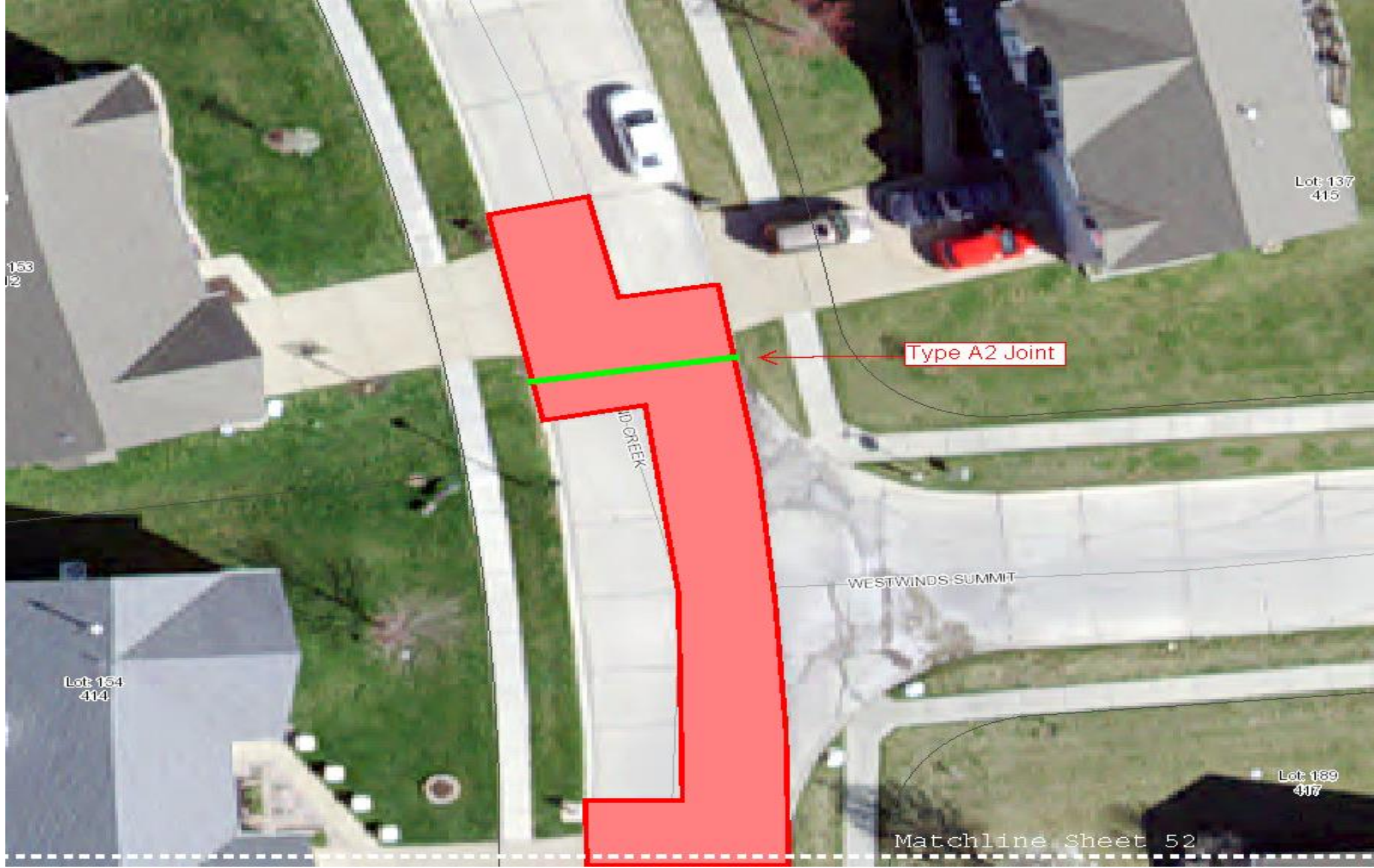
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

WESTWIND SUMMIT	SCALE	N.T.S.
	SHEET NO.	50 OF 65

NOTES

WORK AREA 2

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR FAIRWAY VALLEY DRIVE, SEE SHEET 41



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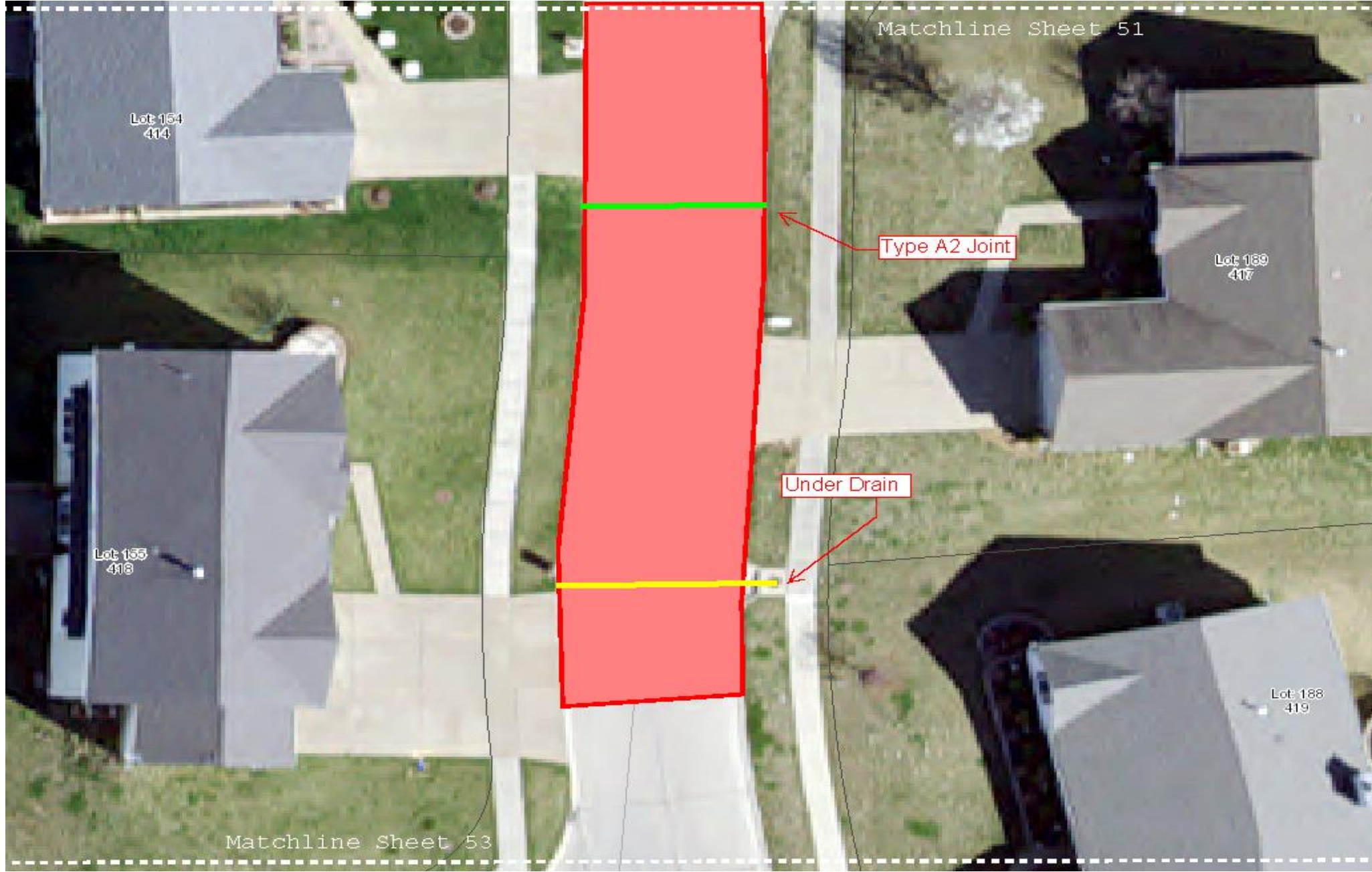
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

WIND CREEK DRIVE	SCALE	N.T.S.
	SHEET NO.	51 OF 65

NOTES

3. FOR WESTWIND SUMMIT DRIVE, SEE SHEET 48

WORK AREA 2



WORK AREA 2

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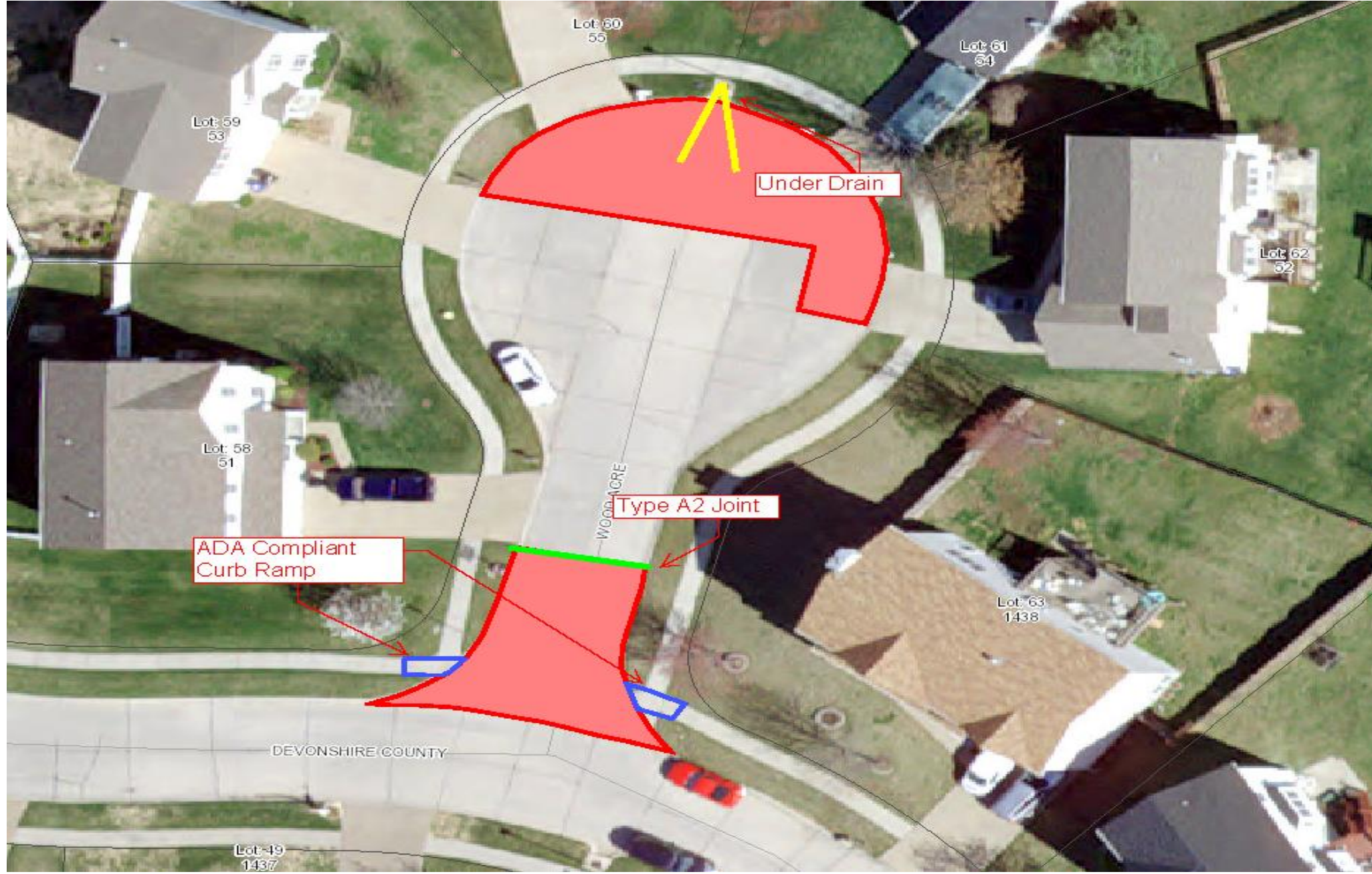
SLAB REPLACEMENT PROJECT "B" 2016
 IFB #16-041

WIND CREEK DRIVE	
SHEET NO.	52 OF 65
SCALE	N.T.S.



WORK AREA 2

<p>WIND CREEK DRIVE</p>		<p>200 East Fourth Street Wentzville MO, 63385</p>	
		<p>Phone: 636-327-5102 Fax: 636-639-2057</p>	
<p>SLAB REPLACEMENT PROJECT "B" 2016</p> <p style="text-align: center;">IFB #16-041</p>			
<p>SCALE</p> <p style="text-align: center;">N.T.S.</p>			



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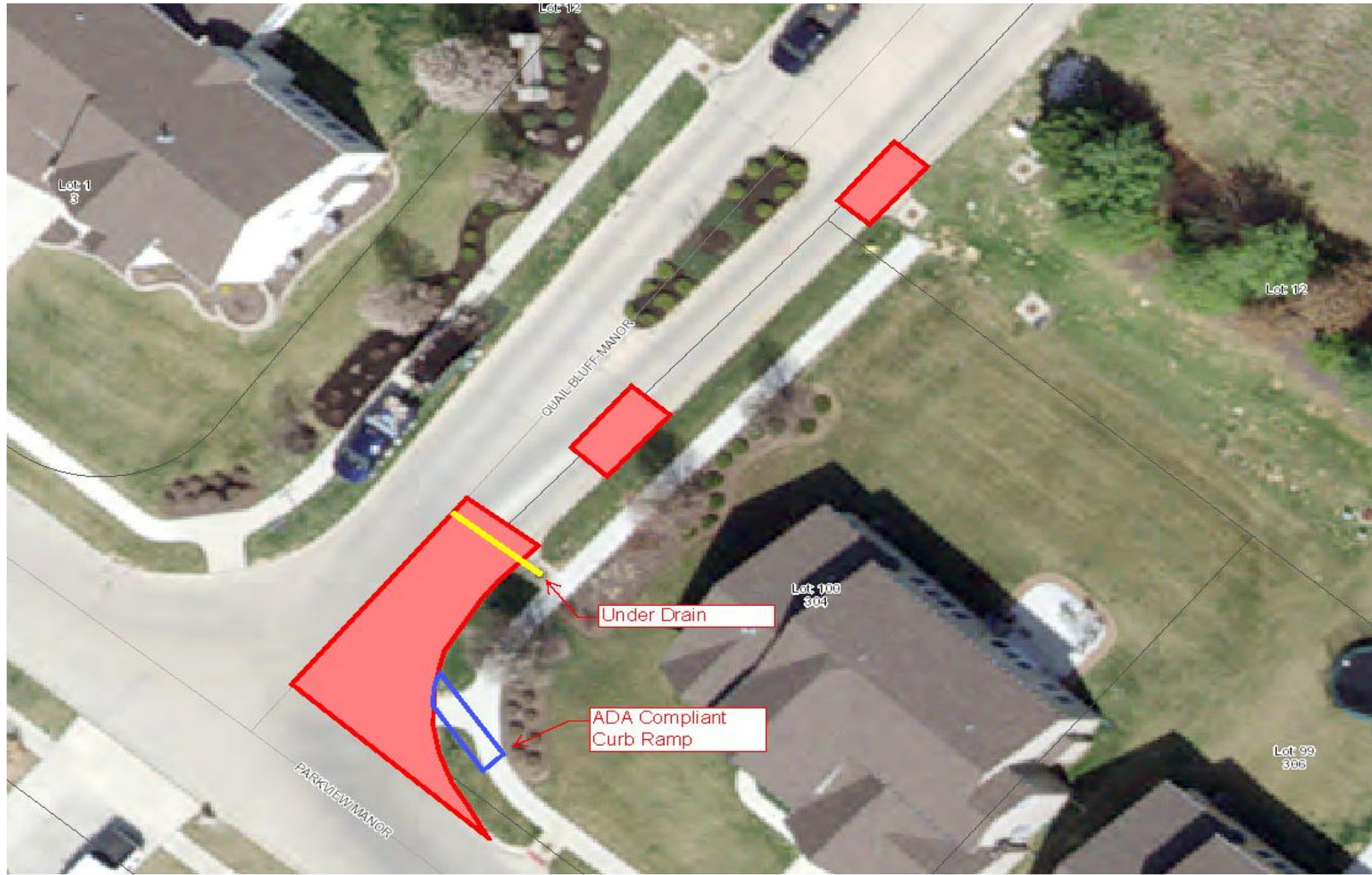
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

WOOD ACRE COURT	SCALE	N.T.S.
	SHEET NO.	54 OF 65

WORK AREA 2

NOTES

1. 2 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR DEVONSHIRE COUNTY DRIVE, SEE SHEET 37



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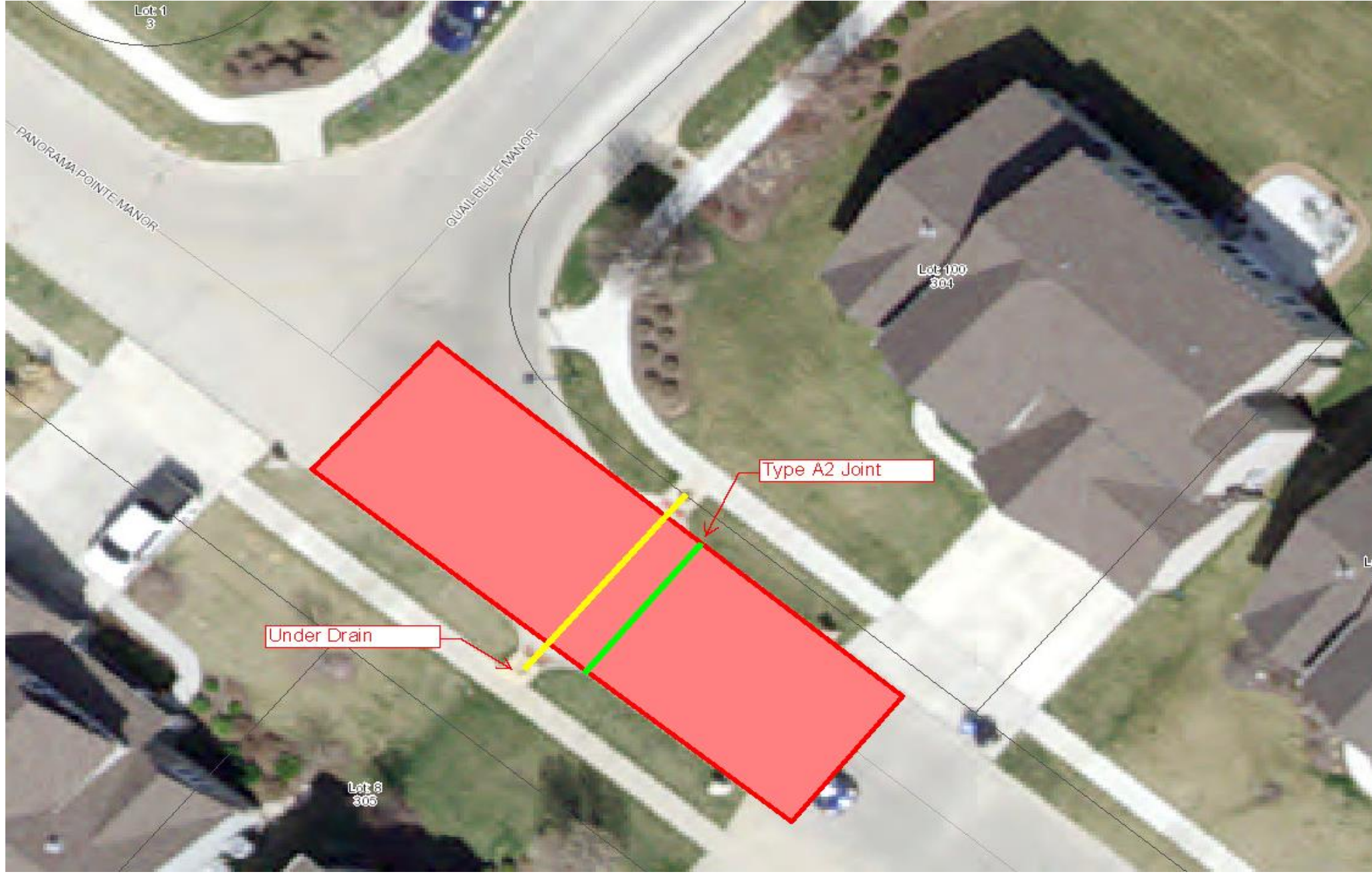
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

QUAIL BLUFF MANOR	SCALE	N.T.S.
	SHEET NO.	55 OF 65

NOTES

WORK AREA 3

1. 1 CURB RAMPS ON THIS SHEET.
2. ONLY REMOVE AND REPLACE AS MUCH 4" SIDWALK AS NECESSARY TO BRING CURB RAMPS INTO COMPLIANCE WITH ADA.
3. FOR PARKVIEW MANOR DRIVE, SEE SHEET 56



WORK AREA 3

NOTES

1. FOR QUAIL BLUFF MANOR, SEE SHEET 55

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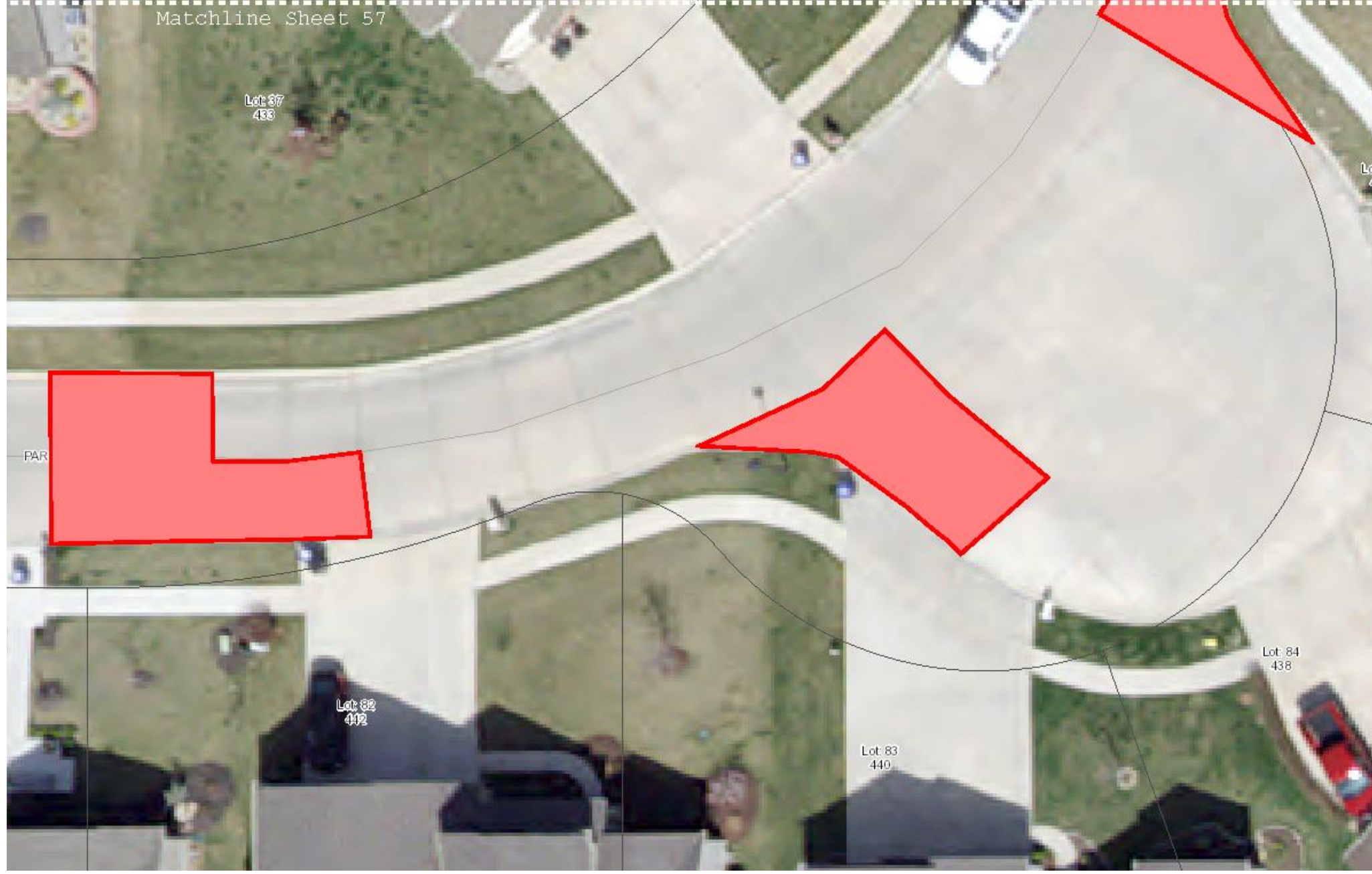
SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

PARKVIEW MANOR DRIVE	SCALE	N.T.S.
	SHEET NO.	56 OF 65



WORK AREA 3

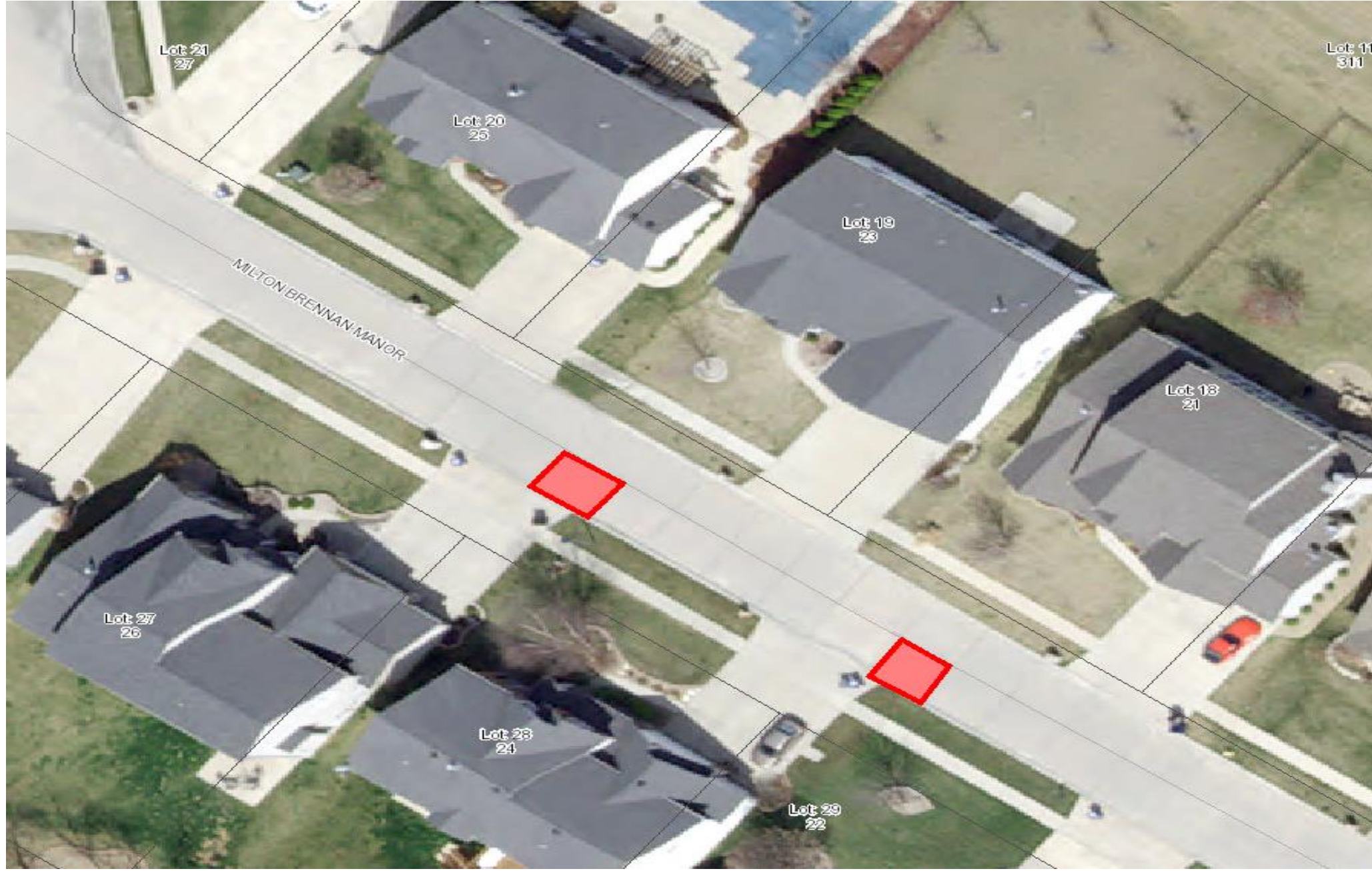
PARKVIEW MANOR DRIVE		SLAB REPLACEMENT PROJECT "B" 2016 IFB #16-041		200 East Fourth Street Wentzville MO, 63385 Phone: 636-327-5102 Fax: 636-639-2057
				
SHEET NO.	SCALE	57 OF 65	N.T.S.	



WORK AREA 3



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SLAB REPLACEMENT PROJECT "B" 2016 IFB #16-041	
PARKVIEW MANOR DRIVE	SCALE N.T.S.
SHEET NO. 58 OF 65	



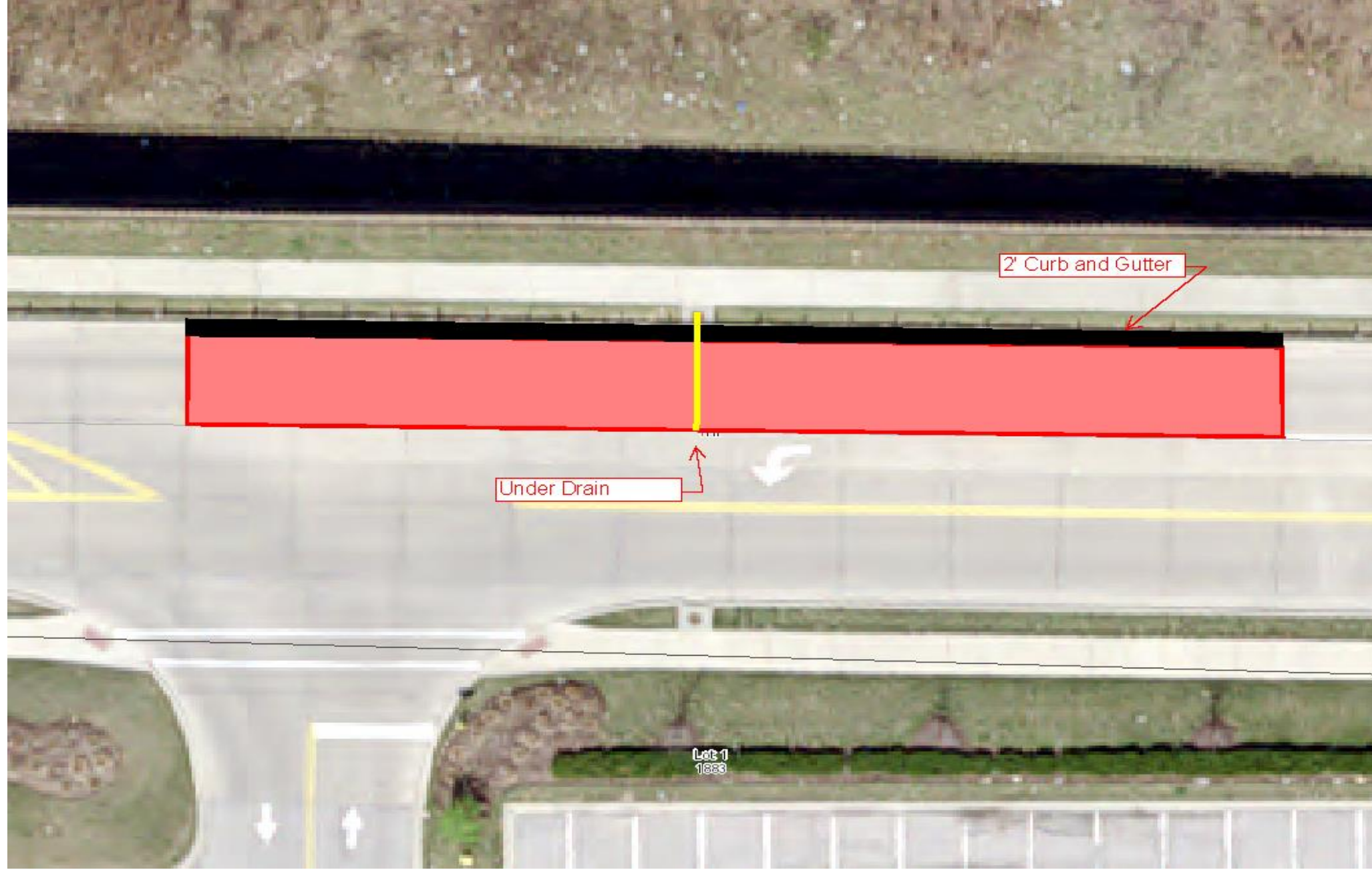
WORK AREA 3

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SLAB REPLACEMENT PROJECT "B" 2016
IFB #16-041

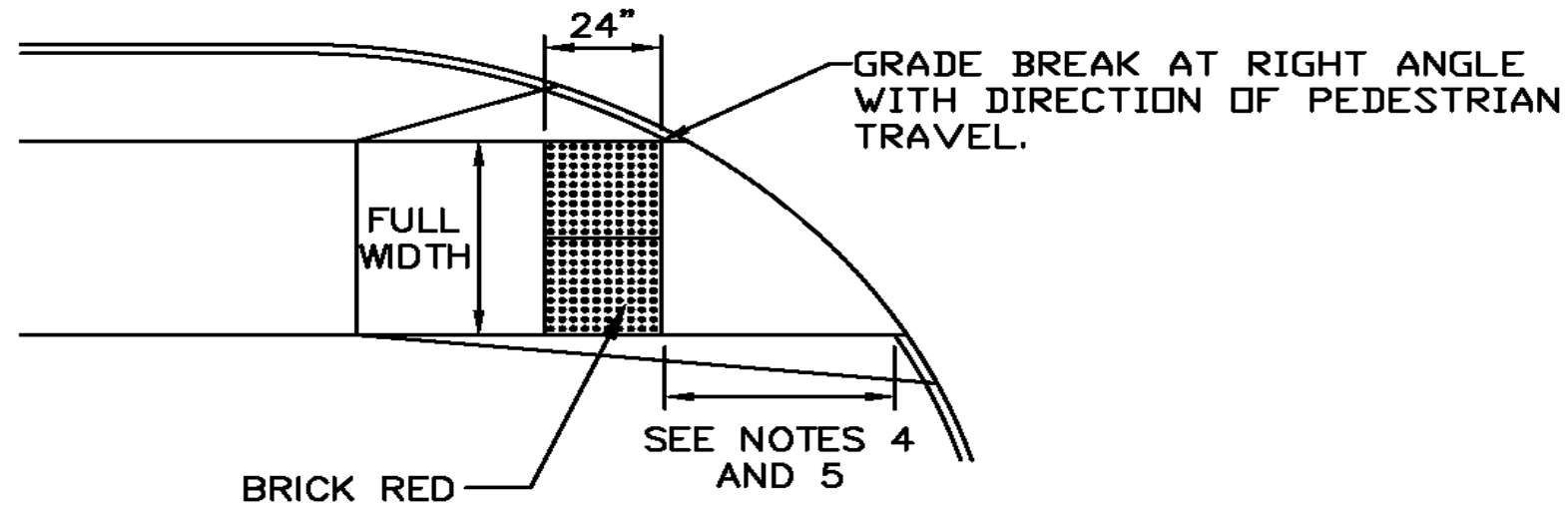
MILTON BRENNAN MANOR	SCALE	N.T.S.
	SHEET NO.	59 OF 65



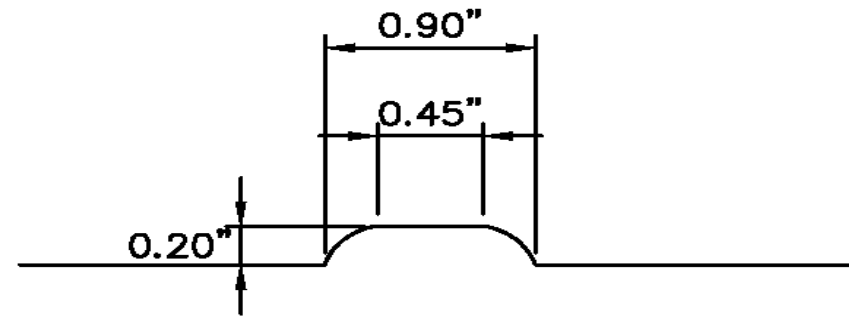
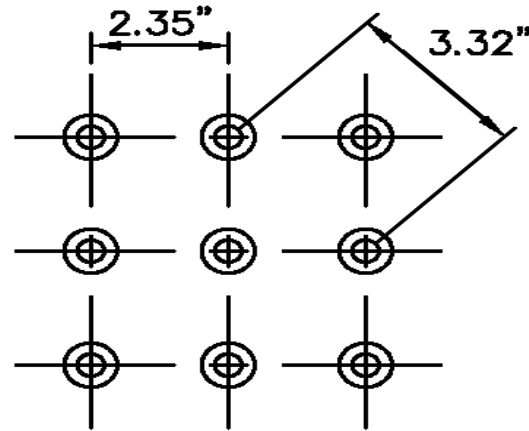
WORK AREA 4

THF DRIVE		200 East Fourth Street Wentzville MO, 63385	
SLAB REPLACEMENT PROJECT "B" 2016		IFB #16-041	
SHEET NO.	SCALE	N.T.S.	
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Fax: 636-639-2057



CURB RAMP
N.T.S.



GENERAL NOTES:

1. DO NOT SCALE DRAWING. FOLLOW DIMENSIONS.
2. SIDEWALKS AND CURB RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE DETAILS AND THE CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG).
3. DETECTABLE WARNINGS PATTERN TO EXTEND THE ENTIRE WIDTH OF THE SIDEWALK AND SHALL BE BRICK RED, OTHER COLORS MAY BE CONSIDERED PER ADAAG 4.29.2.
4. DETECTABLE WARNINGS SHALL BE PLACED AT THE BOTTOM OF THE RAMP OR 6 TO 8 INCHES FROM THE FRONT OF THE CURB.
5. WHERE BOTH ENDS OF THE BOTTOM GRADE BREAK ARE FIVE (5) FEET OR LESS FROM THE BACK OF CURB, THE DETECTABLE WARNING SHALL BE LOCATED ON THE RAMP SURFACE AT THE BOTTOM GRADE BREAK. OTHERWISE THE DETECTABLE WARNING SHALL BE LOCATED ON THE LOWER LANDING.
6. DETECTABLE WARNING SHALL BE PRE-FORMED AND REPLACEABLE. DEVICES SHALL BE FROM MODOT'S APPROVED SUPPLIER LIST.

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SLAB REPLACEMENT PROJECT "B" 2016

IFB #16-041

CURB RAMP DETAIL

SCALE

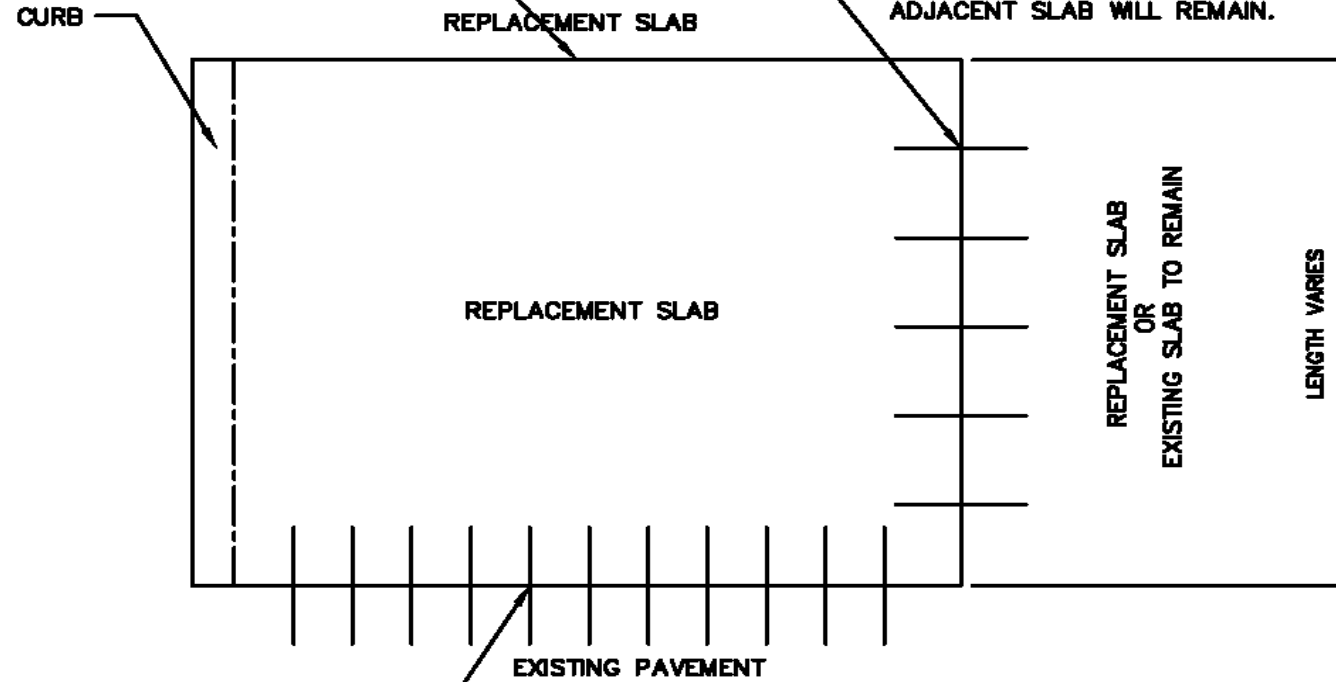
N.T.S.

SHEET NO.

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TRANSVERSE JOINT BETWEEN REPLACEMENT SLABS FOR RESIDENTIAL PAVEMENT SHALL BE TYPE C (NO BARS) AND FOR NON-RESIDENTIAL PAVEMENT SHALL BE TYPE G (1" SMOOTH BARS @ 12" CENTERS)

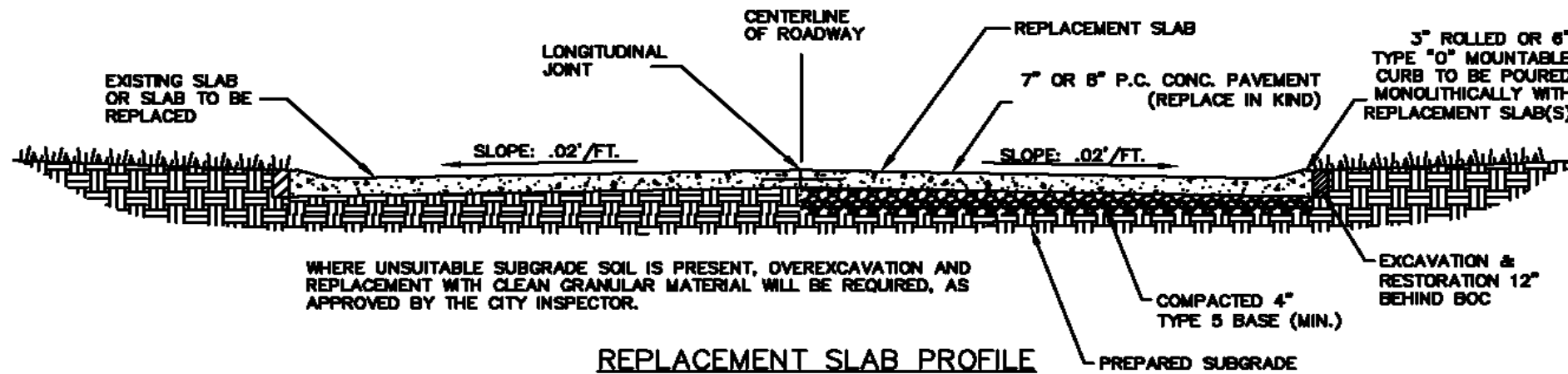
LONGITUDINAL JOINT FOR RESIDENTIAL AND NON-RESIDENTIAL STREETS SHALL BE TYPE B (5/8" DEFORMED BARS @ 30" CENTERS WITH KEYWAY) WHERE THE ADJACENT SLAB WILL BE REPLACED AND TYPE F (5/8" DEFORMED BARS @ 30" CENTERS, NO KEYWAY) WHERE THE ADJACENT SLAB WILL REMAIN.



TRANSVERSE JOINT BETWEEN REPLACEMENT SLAB AND EXISTING SLABS TO REMAIN FOR RESIDENTIAL PAVEMENT SHALL BE TYPE F (5/8" DEFORMED BARS @ 30" CENTERS) AND FOR NON-RESIDENTIAL PAVEMENT SHALL BE TYPE G (1" SMOOTH BARS @ 12" CENTERS).

NOTES:

1. ALL JOINTS SHALL BE PER SCD 700.07 OR AS APPROVED BY THE CITY INSPECTOR.
2. JOINTS OF REPLACEMENT SLABS SHALL MEET THE JOINTS OF THE EXISTING SLABS WITH NO OFFSET.
3. BARS SHALL BE DRILLED AND SET IN EPOXY.



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SLAB REPLACEMENT PROJECT "B" 2016

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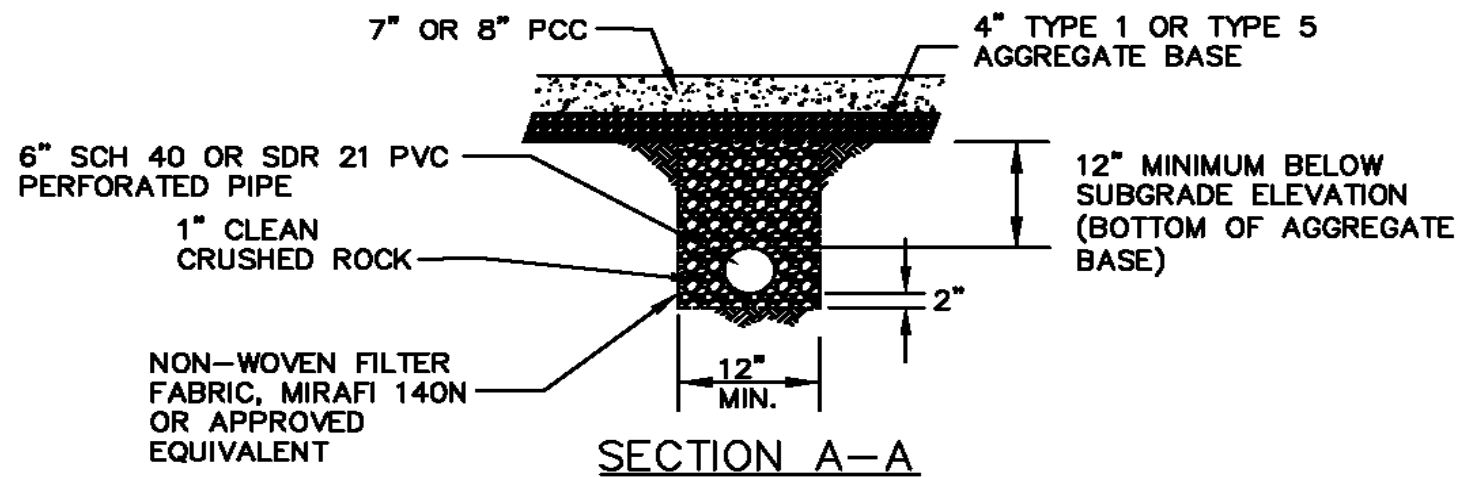
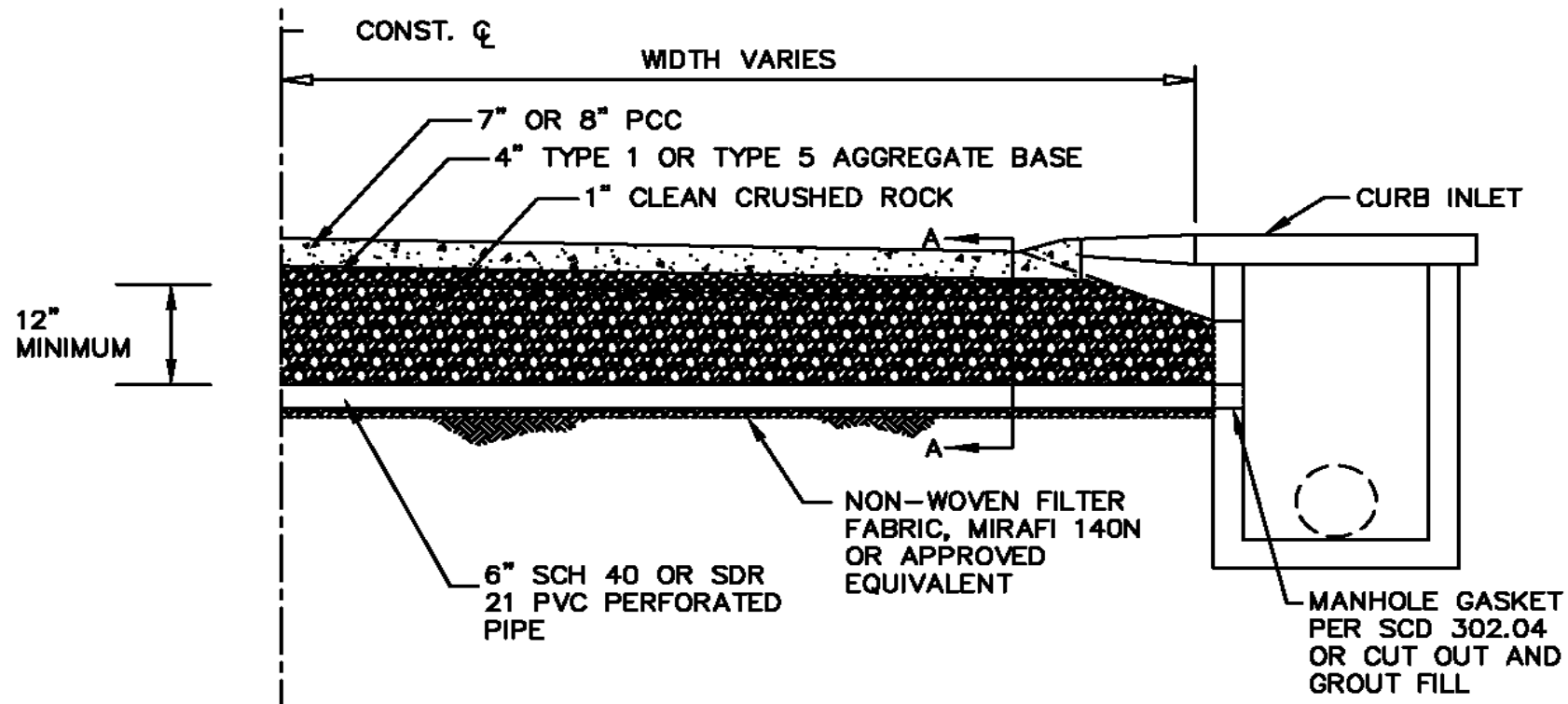
SLAB REPLACEMENT DETAIL

SCALE

N.T.S.

SHEET NO.

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NOTES

1. SECTION IS SYMMETRICAL ABOUT CENTERLINE.
2. WHERE STORM STRUCTURES ARE PRESENT ON BOTH SIDES OF STREET (DIRECTLY ACROSS FROM EACH OTHER) THE UNDERDRAIN SHALL TIE INTO BOTH STRUCTURES. WHERE ONLY ONE STRUCTURE IS PRESENT THE UNDERDRAIN PIPE SHALL STILL EXTEND THE FULL WIDTH OF PAVEMENT.
3. ALL UNDERDRAIN PIPE SHALL BE LAID WITH PERFORATIONS DOWN.
4. NON-WOVEN FILTER FABRIC SHALL OVERLAP A MINIMUM OF 12" AT ALL JOINTS.
5. A MINIMUM OF TWO UNDERDRAIN PIPES SHALL BE PROVIDED UNDER CUL-DE-SACS. THE UNDERDRAINS SHALL EXTEND A MINIMUM LENGTH OF 10 FEET FROM THE CURB INLETS OR AS DIRECTED BY THE CITY INSPECTOR.

200 East Fourth Street
Wentzville MO, 63385

Phone: 636-327-5102
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SLAB REPLACEMENT PROJECT "B" 2016

IFB #16-041

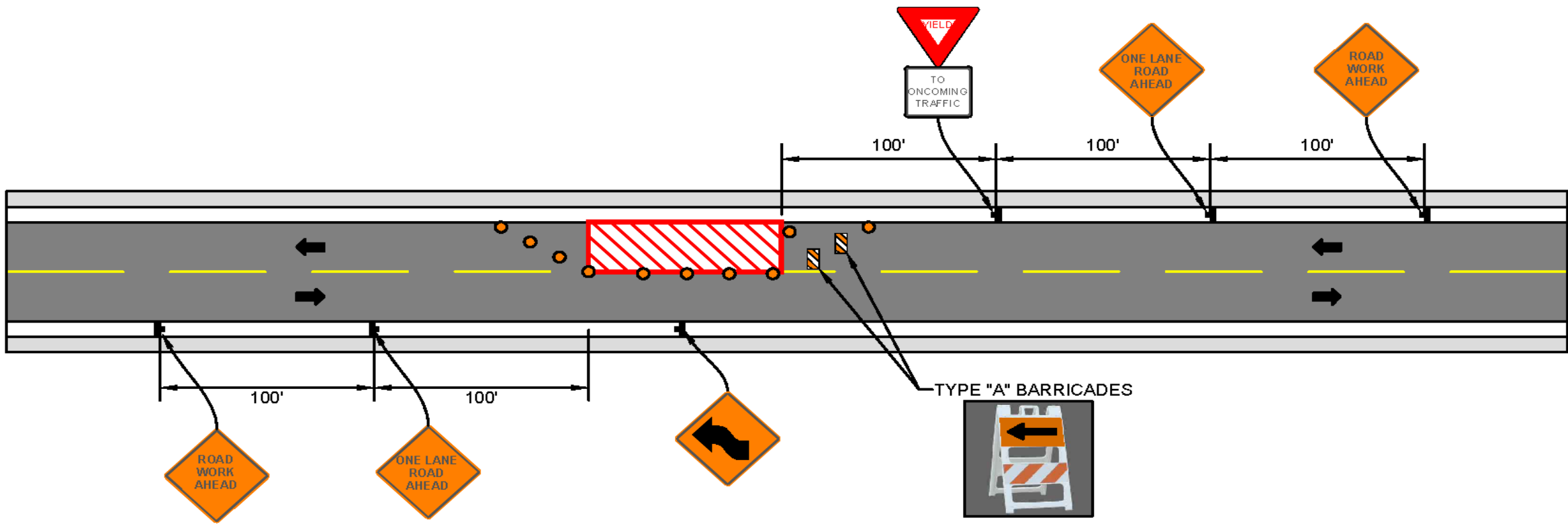
UNDER DRAIN DETAIL

SCALE

N.T.S.

SHEET NO.

63 OF 65



NOTE:
 ALL TRAFFIC CONTROL AND BARRICADING WITHIN CITY OF WENTZVILLE RIGHT-OF-WAY SHALL CONFORM TO PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION). STREET CLOSURES ARE NOT ALLOWED WITHOUT PRIOR APPROVAL OF THE CITY OF WENTZVILLE ENGINEERING DIVISION. ALL LANE CLOSURES SHALL BE COORDINATED WITH THE ENGINEERING DIVISION 24 HOURS IN ADVANCE.

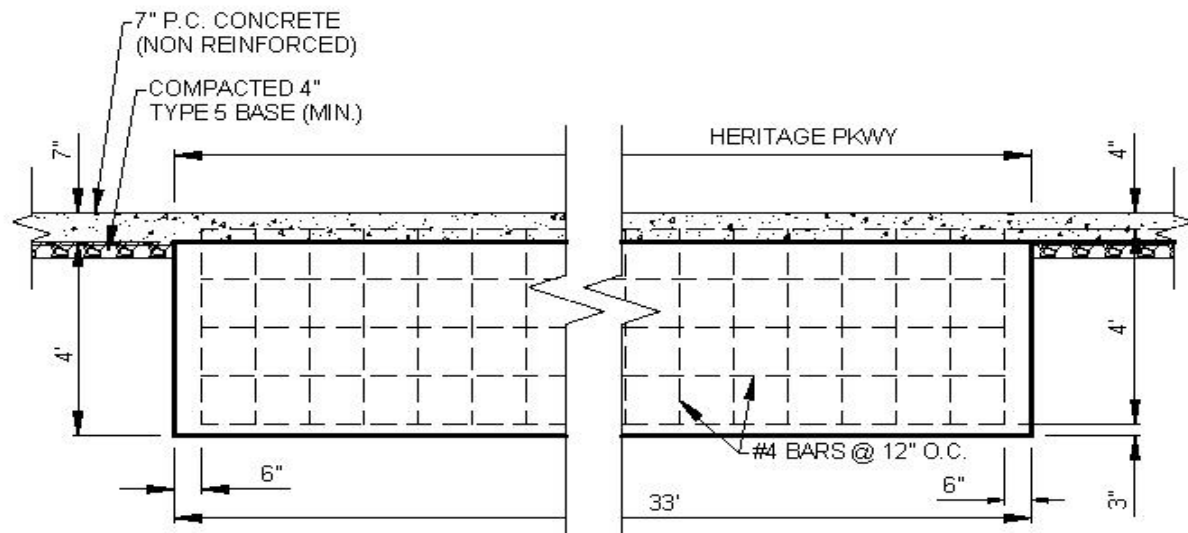
LEGEND
 DIRECTION OF TRAVEL....
 CHANNELIZING DEVICE...
 WORK SPACE.....
 TYPE A BARRICADE.....
 WEIGHTED SIGN.....

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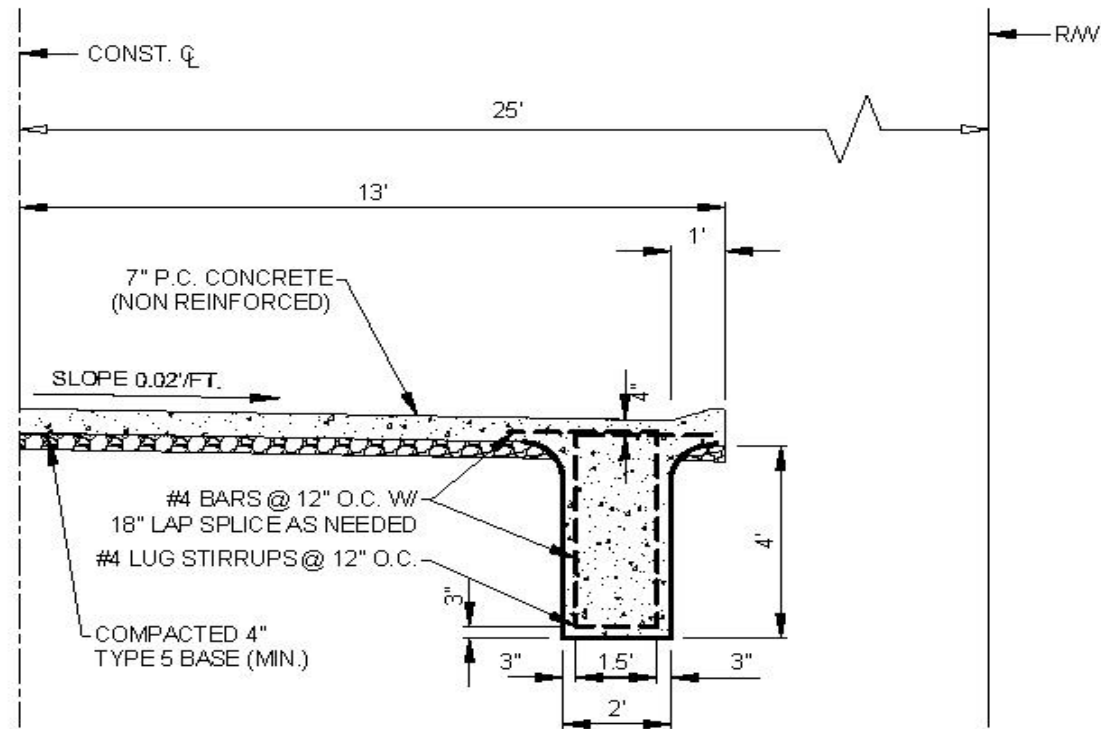


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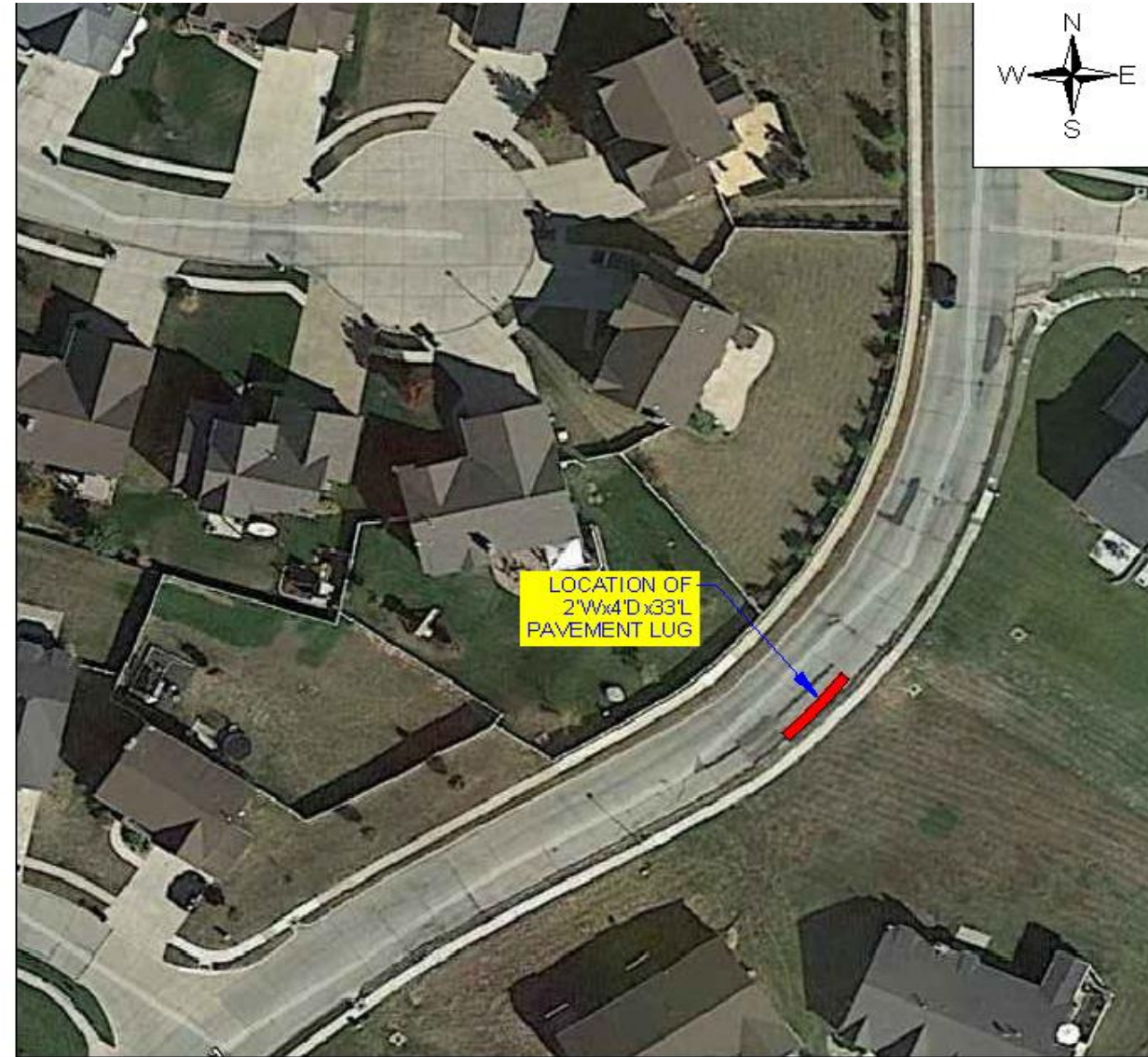
TRAFFIC CONTROL DETAIL
 SHEET NO. 64 OF 65
 SCALE N.T.S.



PAVEMENT LUG PROFILE
N.T.S.



PAVEMENT LUG PROFILE
N.T.S.



GENERAL NOTES

1. DO NOT SCALE DRAWINGS. FOLLOW DIRECTIONS.
2. LUG STIRRUPS TO BE SHOP BENT.
3. LUG STIRRUPS TO BE SUPPORTED ON CHAIRS OR CONCRETE BRICKS TO ENSURE PROPER PLACEMENT OF THE STEEL.
4. PAVEMENT LUG TO BE CONSTRUCTED MONOLITHICALLY WITH PAVEMENT.
5. ALL REINFORCING BARS SHALL BE EPOXY COATED, GRADE 60, IN ACCORDANCE WITH STANDARD SPECIFICATIONS.

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PAVEMENT LUG DETAIL

SCALE

N.T.S.

SHEET NO.

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