

ADDENDUM NO. 1
TO
CITY OF AUBURN, MAINE
2017 RECONSTRUCTION PROJECT
April 25, 2017

This addendum amends and /or supplements the bid documents as indicated below. Only these items alter the bid documents. Any verbal discussions or responses are hereby declared null and void. Please acknowledge this addendum on the attached Bid Form.

Clarifications to the Bid Documents:

The following changes have been made to the Bid Documents:

Bid Opening date has been **changed** to **Tuesday May 2nd at 2:00pm** in Council Chambers Room 257.

Updated Bid Form is attached and the corresponding Supplemental Specifications.
Updated Appendix A is attached.

Question: Please clarify Special Provision F-19.

Answer: The Contractor is responsible for providing the steel plates and providing offsets for the District.

Question: Can the Contractor close down the street in sections, such as block to block?

Answer: Sections may be closed during the construction hours with prior approval from the Project Engineer.

Question: What is the budget for this project?

Answer: \$1,100,000.00

Question: Is there any information about the catch basin inverts?

Answer: A survey was not completed prior to design of this project so inverts are not available. The pay item shall follow MDOT specs.

Question: Is the plan to core into the existing catch basins for the Type B Underdrain?

Answer: Yes, a core item was added to the bid form to core into existing catch basins.

Question: Where are the shrubs being moved to?

Answer: After further discussions, the homeowner will be responsible for transplanting the group of shrubs prior to sidewalk construction.

Question: The listed out road widths in the Scope of Work Section is the proposed widths?

Answer: Correct, the plan is to keep a consistent road width per section of road close to what exists. Example Cook Street from South Main Street to Bolster Street is between 22.5' and 25' in width, so proposing to carry it as 24' width. The widths can also be found on Appendix A.

Question: Are we adding or removing trees on this project?

Answer: There are 9 trees to be removed on this project. The Bid Form was updated to carry 9 trees for planting.

Question: Pavement removal is incidental to common excavation?

Answer: Pavement removal will be paid for as common excavation in the unit of cubic yard.

Question: Does the existing bituminous curb on Cook Street get replaced with new granite curb?

Answer: Yes.

Question: Catch basins shall have a 2-foot sump and is that included in the 8-foot total vertical for payment of each catch basin?

Answer: Correct, the sump is included in the 8-foot vertical.

Question: As part of Special Provision F-19, does the contractor haul the removed frames/grates off site?

Answer: All AWSD frames/grates shall stay on site for AWSD to reuse/remove.

Question: What are the construction limits at the intersections?

Answer: The entire intersection shall be reconstructed and match with the side streets at a location determined by the Project Engineer. The pavement for side streets is paid for under Items 403.213 and 403.210.

BID FORM

| MDOT ITEM | DESCRIPTION | UNIT | QNTY | UNIT COST | TOTAL COST |
|--------------|--|------|--------|--------------|---------------|
| 201.23 | Removing Single Tree Top Only | EA | 9 | | |
| 201.24 | Removing Stump | EA | 9 | | |
| 202.15 | Remove Existing Manhole or Catch Basin | EA | 5 | | |
| 202.16 | Remove Existing Storm Pipe | LF | 80 | | |
| 202.201 | Sawcut Pavement | LF | 1,300 | | |
| 202.203 | Pavement Butt Joints | SY | 400 | | |
| 203.20 | Common Excavation | CY | 16,500 | | |
| 203.24 | Common Borrow | CY | 400 | | |
| 304.09 | Aggregate Base Course – Type A | CY | 1,700 | | |
| 304.10 | Aggregate Subbase Course – Gravel Type D | CY | 10,000 | | |
| 304.141 | Aggregate Base Course – Type A (Driveway/Sidewalks) | CY | 1,050 | | |
| 403.209 | Hot Mix Asphalt, Hand Placed | TON | 650 | | |
| 403.210 | Hot Mix Asphalt, 9.5mm (Machine Placed) | TON | 1,500 | | |
| 403.211 | Hot Mix Asphalt, 9.5mm (Shimming) | TON | 50 | | |
| 403.213 | Hot Mix Asphalt, 12.5mm HMA Base | TON | 1,700 | | |
| 409.15 | Bituminous Tack Coat. Applied | GAL | 700 | | |
| 603.159 | 12” Culvert Pipe Option III | LF | 155 | | |
| 603.169 | 15” Culvert Pipe Option III | LF | 26 | | |
| 603.199 | 24” Culvert Pipe Option III | LF | 40 | | |
| 603.80 | 24” Inlet Grate Unit | EA | 1 | | |
| 604.16 | Alter Catch Basin to Manhole | EA | 6 | | |
| 604.18 | Adjust Catch Basin or Manhole to Grade | EA | 17 | | |
| 604.245 | Catch Basin Type F4-C | EA | 7 | | |
| 604.252 | Catch Basin Type A5-C | EA | 17 | | |
| 604.27 | Core into Existing Catch Basin – 6” | EA | 7 | | |
| 604.28 | Core into Existing Catch Basin – 12” | EA | 6 | | |
| 605.09 | 6” HDPE Underdrain Type B | LF | 4,200 | | |
| 605.11 | 12” HDPE Underdrain Type C | LF | 285 | | |
| 605.12 | 15” HDPE Underdrain Type C | LF | 274 | | |
| 605.13 | 18” HDPE Underdrain Type C | LF | 115 | | |
| 608.09 | Pedestrian Ramp W/ Detectable Warning Surf. | SF | 144 | | |
| 609.11 | Vertical Curb Type 1 | LF | 4,920 | | |
| 609.111 | Vertical Curb Drainage Inlet | EA | 26 | | |
| 609.12 | Vertical Curb Type 1 – Circular | LF | 168 | | |
| 609.237 | Terminal Curb Type 1 – 7 Foot | EA | 127 | | |

| | | | | | |
|----------|--|----|------|--|--|
| 609.2371 | Terminal Curb Type 1 – 7 Foot - Circular | EA | 9 | | |
| 609.38 | Reset Granite Curb | LF | 250 | | |
| 610.08 | Plain Riprap | CY | 15 | | |
| 615.08 | Loam & Seed | SY | 4000 | | |
| 621.011 | 1.5” - 2” Ivory Silk Lilac | EA | 3 | | |
| 621.012 | 1.5” – 2” Ornamental Pear Tree | EA | 3 | | |
| 621.013 | 3” Red Maple Tree | EA | 3 | | |
| 627.75 | White Pavement Markings | SF | 940 | | |
| 652.36 | Work Zone Traffic Control | LS | 1 | | |
| 659.10 | Mobilization | LS | 1 | | |
| | Total | | | | |

Written total amount is:_____

Company Name: _____

Signed by: _____

Title: _____

Print Name: _____

Address: _____

Tel. # _____

Date: _____

Addendum Acknowledged:

#_____Date_____

#_____Date_____

SUPPLEMENTAL SPECIFICATIONS

SECTION 202 - REMOVING OF STRUCTURES AND OBSTRUCTIONS

The provisions of Section 202 of the Standard Specifications shall apply with the following additions and modifications:

202.01 Description

This work shall consist of the removal (milling, grinding or planing) of the surface of the bituminous concrete pavement to the depth, width, grade and cross sections as directed by the Engineer at intersection joints. The sawcut item will be used for cutting the match line in driveways. This work shall consist of the removal of catch basins and storm drains.

202.061 Removing material

The equipment for removing the bituminous surface shall be a power operating planing machine or grinder capable of removing the bituminous concrete pavement to the required depth. The equipment shall be capable of accurately establishing profile grade by referencing from either the existing paving or from an independent grade control and shall have a positive means for removing excess material from the surface and for preventing accidents from flying material in compliance with subsection 107.24, Safety and Accident Prevention, of the Standard Specification. Pavement millings shall become the property of the contractor and shall be disposed of in an approved location.

202.07 Method of measurement

Removing pavement surface will be measured by the square yard of material removed to a maximum depth of 2 inches, or as directed.

202.08 Basis of payment

The accepted quantity of removing pavement surface for butt joints will be paid for at the contract unit price per square yard which price will be full compensation for removing, hauling, clean up and stockpiling the material. The accepted quantity of sawcutting will be paid for at the contract unit price per linear foot which price will be full compensation for cutting, cleaning, and protecting joints prior to paving. The accepted quantity of catch basin or manhole removal will be paid for at the contract unit price per each and will be full compensation for removing, hauling, clean up and stockpiling the material.

The accepted quantity of removal of existing storm pipe shall be at the contract unit price per linear foot.

| Pay Item | | Pay Unit |
|----------|--|-------------|
| 202.15 | Remove Existing Manhole or Catch Basin | Each |
| 202.16 | Remove Existing Storm Pipe | Linear Foot |
| 202.201 | Sawcut Pavement | Linear Foot |
| 202.203 | Pavement Butt Joints | Square Yard |

SUPPLEMENTAL SPECIFICATIONS

SECTION 604 – CATCH BASINS

The provisions of Section 604 of the Standard Specifications shall apply with the following additions and modifications.

604.01 Description

Construct manholes, inlets and catch basins. New catch basins shall be priced for a minimum of three inverts and up to 8-feet vertically. Additional inverts, if required, shall be paid separately.

Adjust existing manholes (storm drains) to grade. Convert existing catch basins into manholes (storm drains) where storm water collection will no longer occur.

Core into existing catch basins for connection of 6” and 12” drainage pipe. Seal the cored opening to ensure water enter the catch basin via storm drain only.

604.02 Materials

Pipe connection into catch basin after the core is removed shall be sealed via BASF Masterseal 595 or equal. A fitting may be used instead, such as Kor-N-Seal or equal.

604.06 Basis of Payment

The accepted quantities of catch basins will be paid for at the contract unit price complete in place. The accepted quantities of altering catch basins to manholes and manhole adjustments to grade will be paid for at the contract unit price each. The accepted quantity of coring into existing catch basins will be paid for the contract unit price per each and full

| Pay Item | Pay Unit |
|--|----------|
| 604.16 Alter Catch Basin to Manhole | Each |
| 604.18 Adjusting Manhole or Catch Basin to Grade | Each |
| 604.245 Catch Basin Type F4-C | Each |
| 604.252 Catch Basin Type A5-C | Each |
| 604.27 Core into Existing Catch Basin – 6” | Each |
| 604.28 Core into Existing Catch Basin – 12” | Each |

SUPPLEMENTAL SPECIFICATIONS

SECTION 621 - LANDSCAPING

The provisions of Section 621 of the Standard Specifications shall apply with the following additions and modifications.

621.0001 Description

This work shall consist of the Contractor furnishing and planting trees and shall include all planting operations and material as well as the care and replacement of the plants during the Maintenance Period. Tree planting locations will be marked by the City.

621.0002 Materials

All non-plant material shall conform to the requirements specified in the following Sections of Division 700 – Materials.

| | |
|---------------|--------|
| Fertilizer | 717.01 |
| Mulch | 717.04 |
| Organic Humus | 717.09 |

621.0037 Method of Measurement

The quantity of plants to be measured for payment will be the number of individual plants furnished and planted as required and accepted, excluding replacements.

621.0038 Basis of Payment

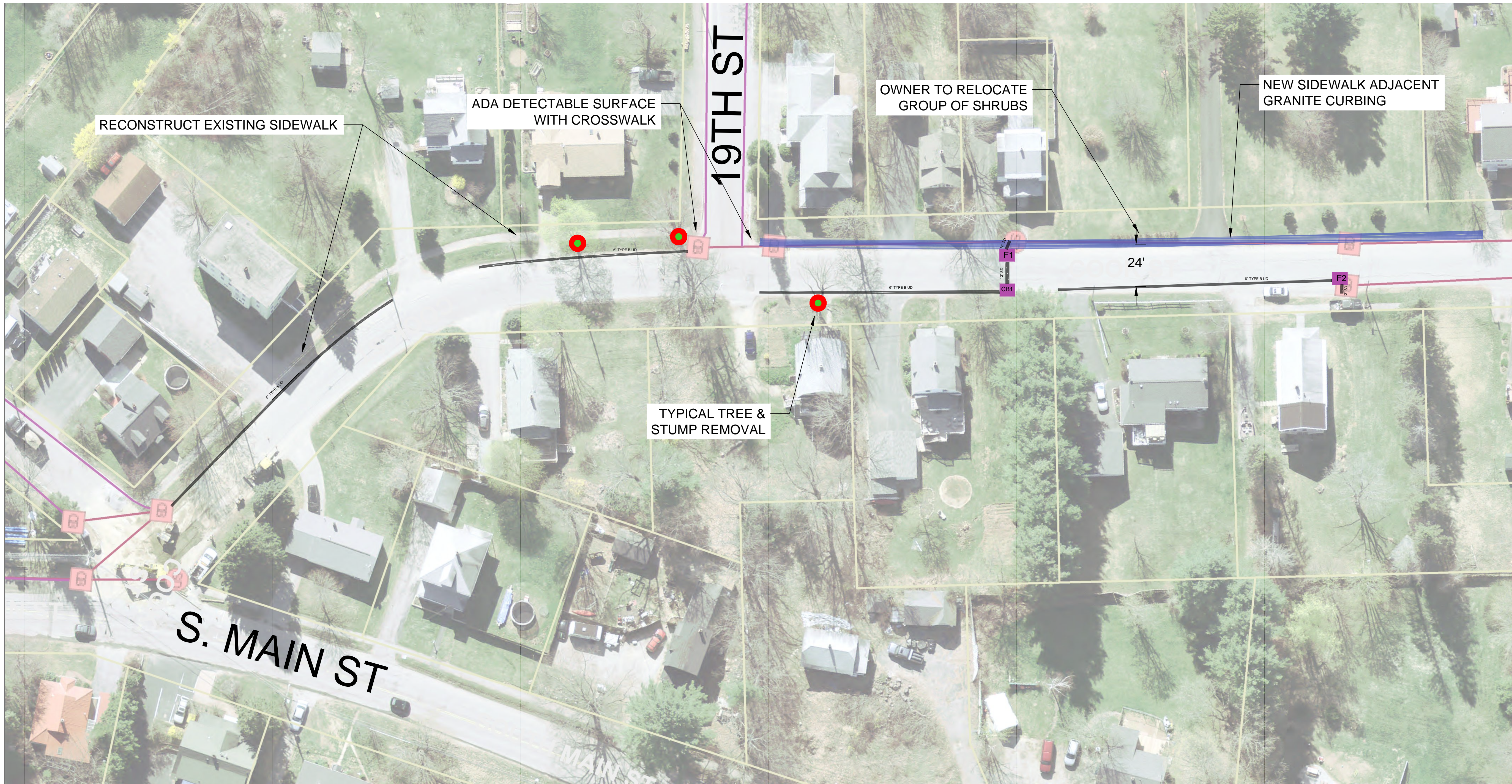
Each item of “Planting” will be paid for at the contract unit price for each accepted plant furnished and planted. Payment shall constitute full compensation for; furnishing and placing plants, digging, delivering, rodent protection, preparing plant pits, beds and drains; planting, watering, fertilizing, mulching, pruning, and the cleanup of planting areas; for all, fertilizer, mulch and other necessary materials; all labor, equipment, tools, Maintenance Period work and any other incidentals necessary to complete the work.

| Pay Item | Pay Unit |
|--|----------|
| 621.011 1.5” – 2” Ivory Silk Lilac | Each |
| 621.012 1.5” – 2” Ornamental Pear Tree | Each |
| 621.013 3” Red Maple Tree | Each |

2017 Reconstruction Project Mandatory Pre-bid Meeting Sign-in Sheet

[illegible]

APPENDIX A



General Notes

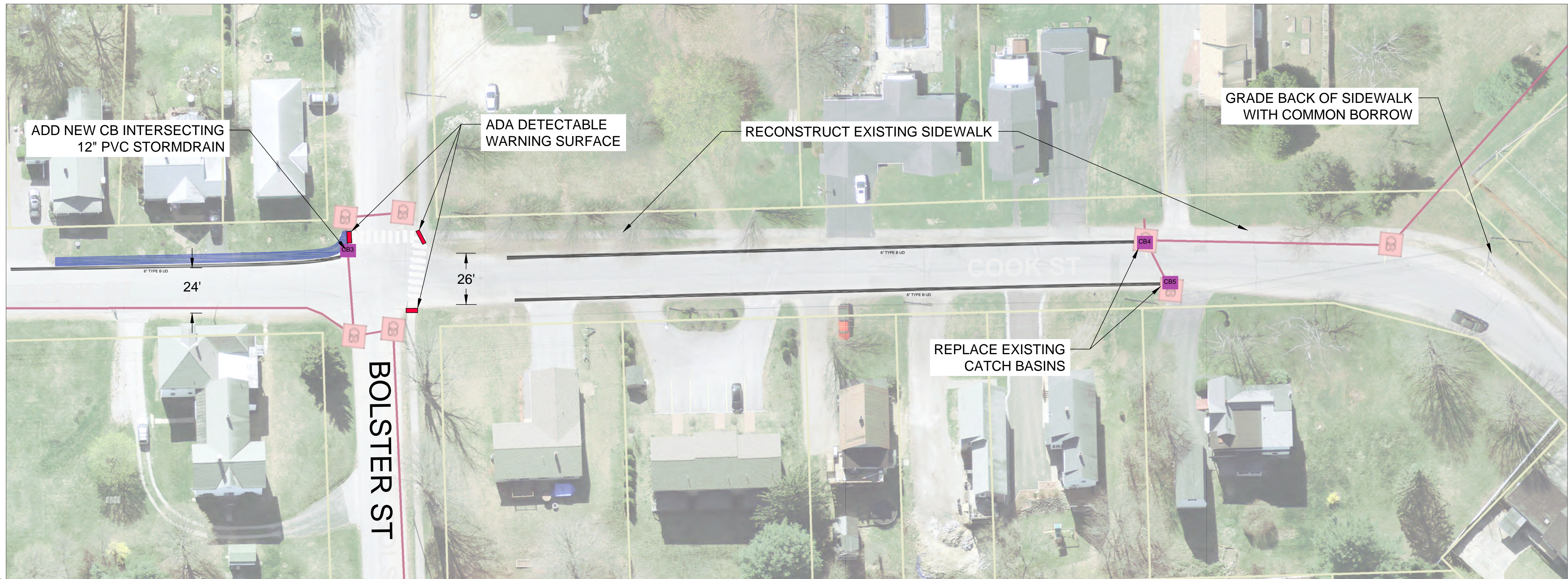
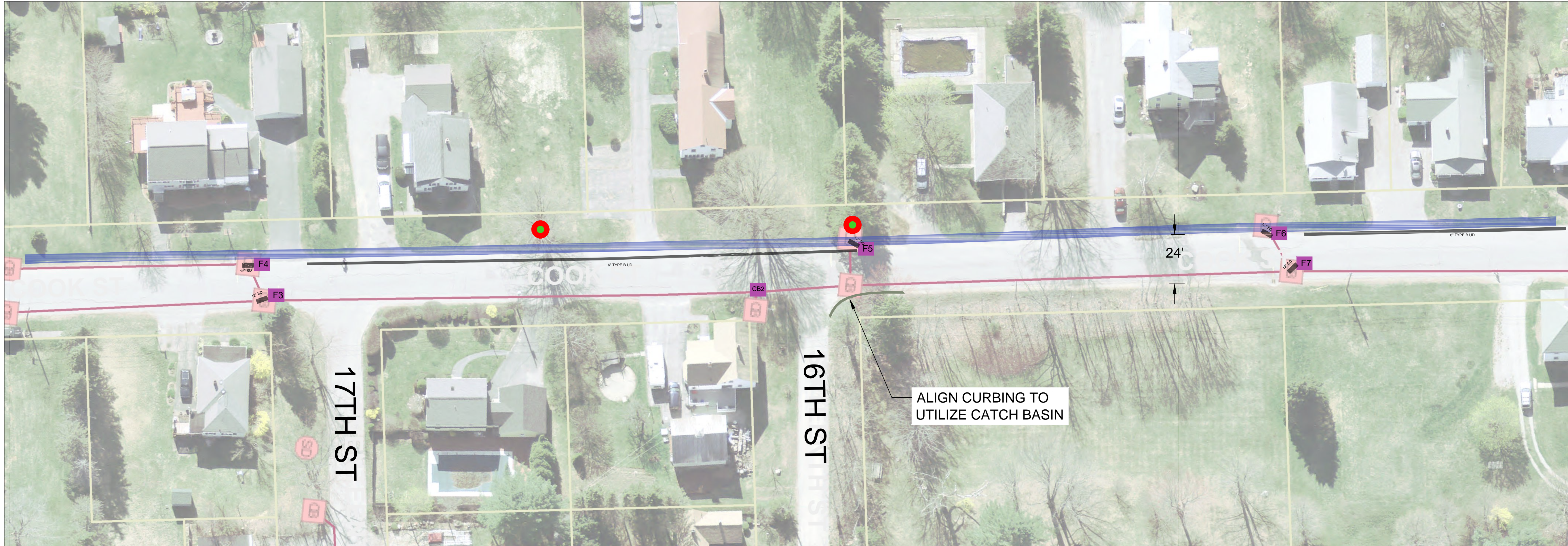
1. DRIVEWAY BUILDUP:
 - 12" - TYPE A GRAVEL
 - 2" - 12.5mm BASE COURSE
 - 1" - 9.5mm SURFACE
2. SIDEWALK BUILDUP:
 - 12" - TYPE A GRAVEL
 - 1" - 9.5mm BASE COURSE
 - 1" - 9.5mm SURFACE
3. ROADWAY BUILDUP:
 - 18" - TYPE D GRAVEL
 - 3" - TYPE A GRAVEL
 - 2" - 12.5mm HMA BASE
 - 1.5" - 9.5mm HMA SURFACE
4. CATCH BASINS TO BE CONVERTED TO MANHOLES: @F2, F3, F4, F5, F6, F7.
5. NEW SIDEWALK TO BE BUILD ABUTTING CURB AND COMMON BORROW USED TO MATCH GRADE.
6. BUILD ROAD CURB TO CURB AS 24' WIDTH.
7. RECONSTRUCT EXISTING SIDEWALKS AND DRIVEWAY APRONS.
8. F-BASINS UTILIZED TO CATCH CURBLINE STORM WATER AND CONVEY TO EXISTING TRUNK LINE.

| | | |
|-----|----------------|------|
| No. | Revision/Issue | Date |
| | | |

Firm Name and Address

Project Name and Address
2017 RECONSTRUCTION PROJECT
COOK STREET
AUBURN, ME 04210

| | |
|-------------------------------|--------------|
| Project 2017 RECON PROJECT | Sheet C01 |
| Date 4/10/2017 | |
| Scale 1" = 30' | |



General Notes

1. DRIVEWAY BUILDUP:
 - 12" - TYPE A GRAVEL
 - 2" - 12.5mm BASE COURSE
 - 1" - 9.5mm SURFACE
2. SIDEWALK BUILDUP
 - 12" - TYPE A GRAVEL
 - 1" - 9.5mm BASE COURSE
 - 1" - 9.5mm SURFACE
3. ROADWAY BUILDUP
 - 18" - TYPE D GRAVEL
 - 3" - TYPE A GRAVEL
 - 2" - 12.5mm HMA BASE
 - 1.5" - 9.5mm HMA SURFACE
4. CATCH BASINS TO BE CONVERTED TO MANHOLES: @F2, F3, F4, F5, F6, F7.
5. NEW SIDEWALK TO BE BUILD ABUTTING CURB AND COMMON BORROW USED TO MATCH GRADE.
6. BUILD ROAD CURB TO CURB AS 24' WIDTH UP TO BOLSTER ROAD INTERSECTION WHERE IT WILL BECOME 26' WIDTH.
7. RECONSTRUCT EXISTING SIDEWALKS AT THEIR EXISTING LOCATIONS.
8. F-BASINS UTILIZED TO CATCH CURBLINE STORM WATER AND CONVEY TO EXISTING TRUNK LINE.
9. STORM DRAIN AT BOLSTER ROAD INTERSECTION IS SHALLOW (APPROXIMATELY 2.5' BELOW PAVEMENT)

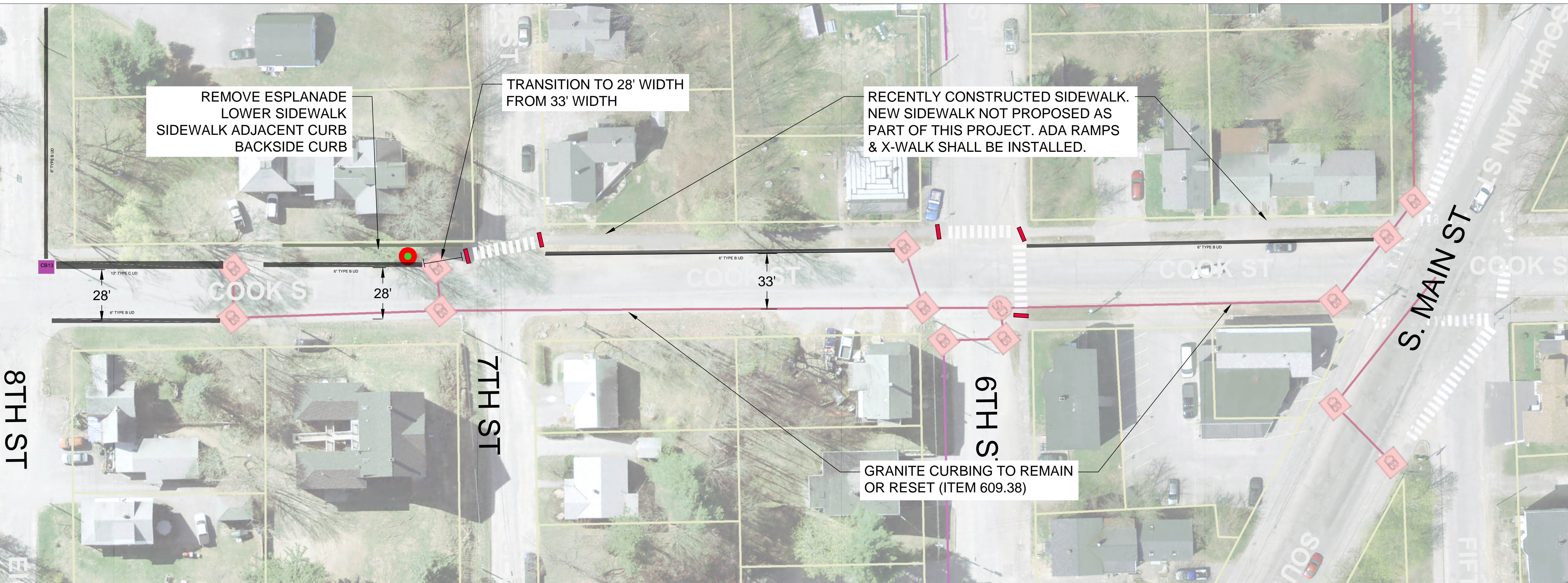
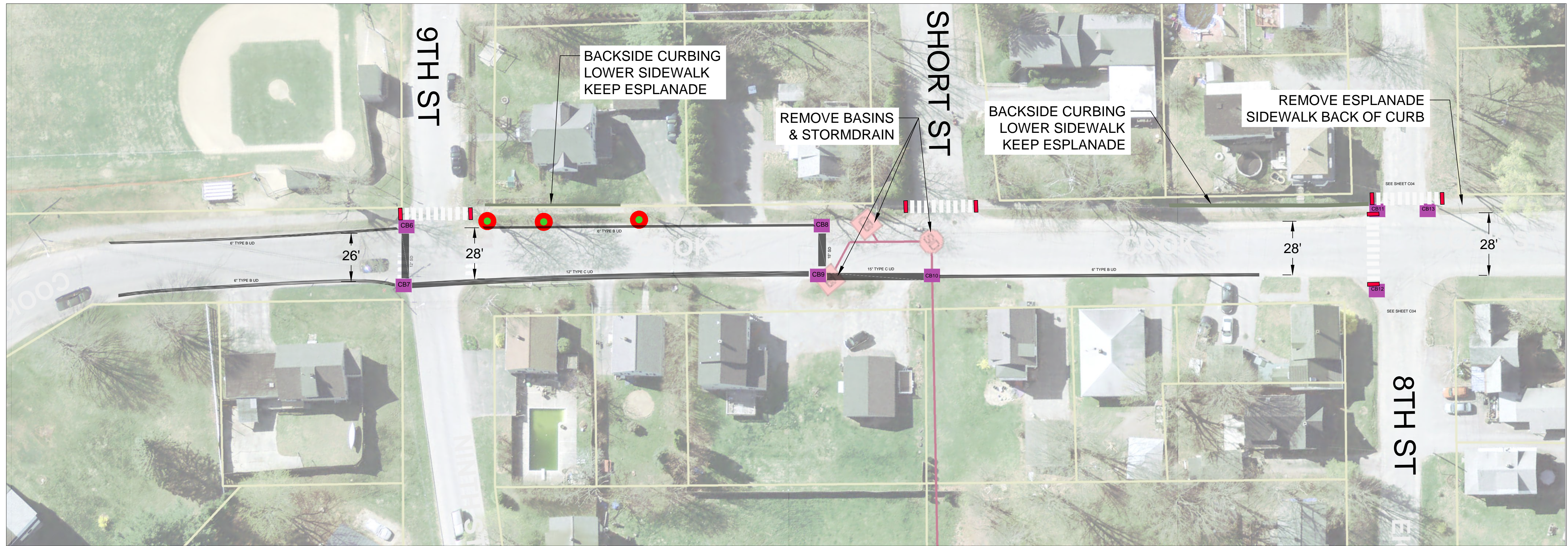
| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

Firm Name and Address

Project Name and Address

2017 RECONSTRUCTION PROJECT
COOK STREET
AUBURN, ME 04210

| | | | |
|---------|--------------------|-------|-----|
| Project | 2017 RECON PROJECT | Sheet | C02 |
| Date | 4/10/2017 | | |
| Scale | 1" = 30' | | |



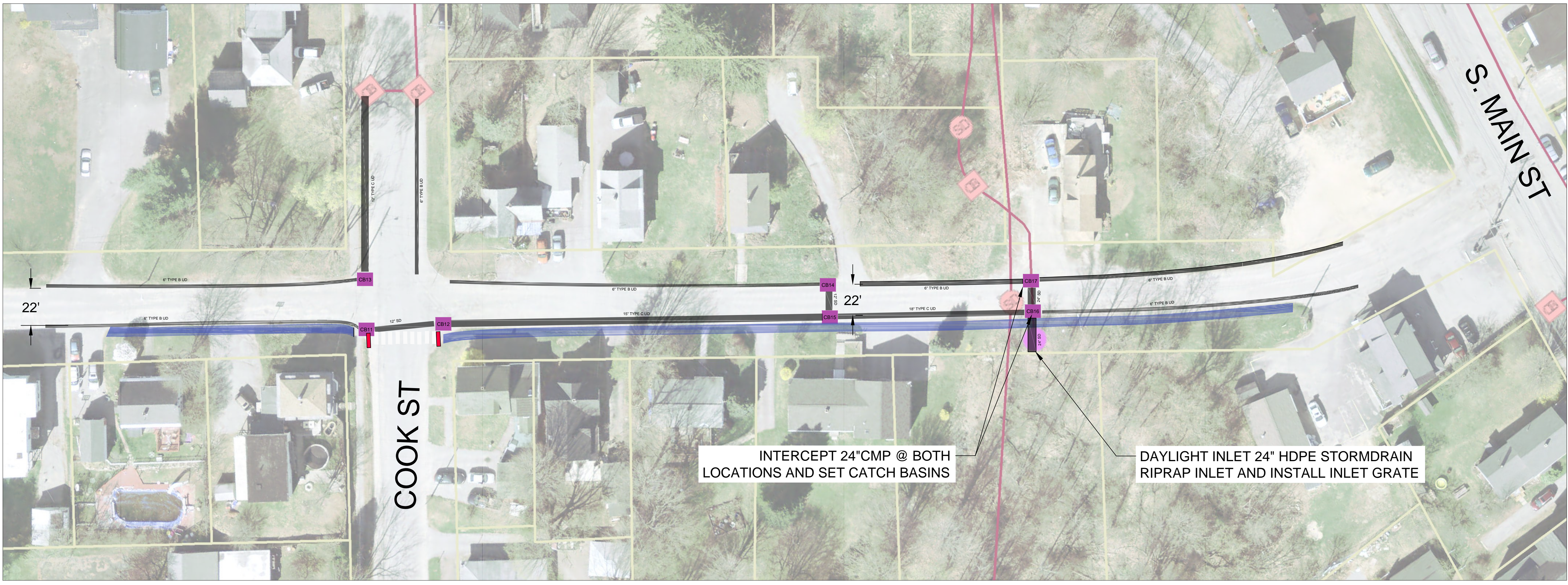
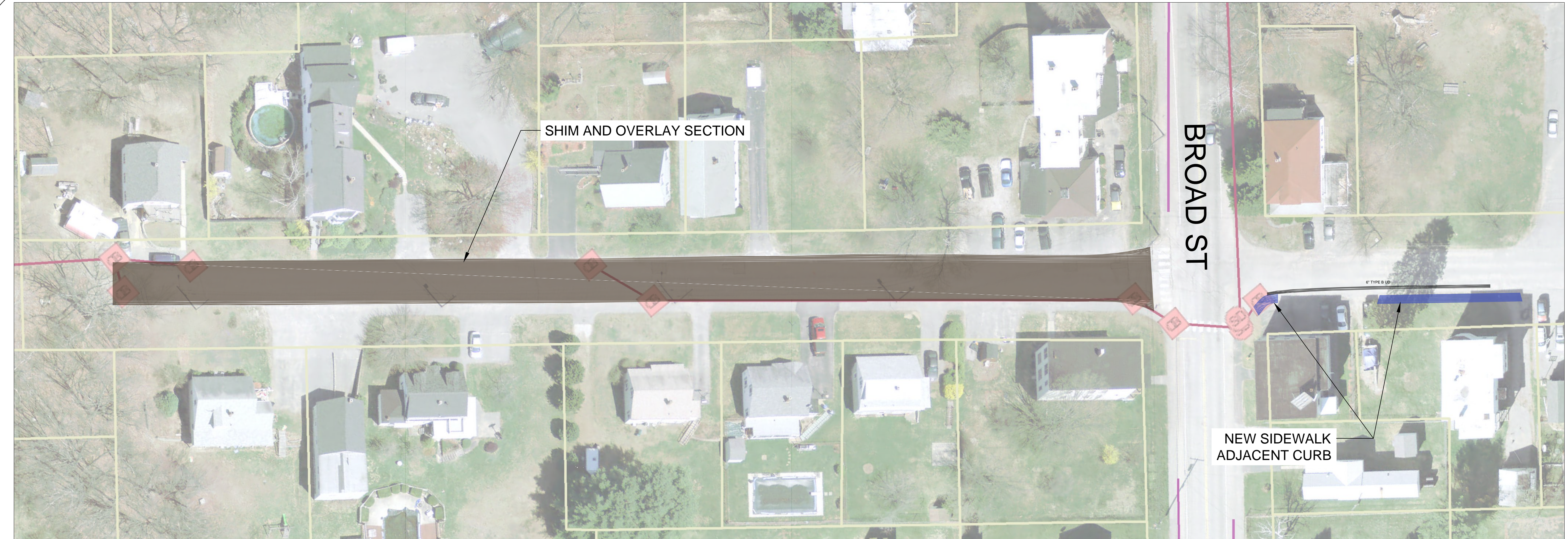
- General Notes
1. DRIVEWAY BUILDUP:
 - 12" - TYPE A GRAVEL
 - 2" - 12.5mm BASE COURSE
 - 1" - 9.5mm SURFACE
 2. SIDEWALK BUILDUP:
 - 12" - TYPE A GRAVEL
 - 1" - 9.5mm BASE COURSE
 - 1" - 9.5mm SURFACE
 3. ROADWAY BUILDUP:
 - 18" - TYPE D GRAVEL
 - 3" - TYPE A GRAVEL
 - 2" - 12.5mm HMA BASE
 - 1.5" - 9.5mm HMA SURFACE
 4. STORM DRAIN REMOVAL PAID UNDER COMMON EXCAVATION.

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

Firm Name and Address

Project Name and Address
2017 RECONSTRUCTION PROJECT
COOK STREET
AUBURN, ME 04210

| | |
|-------------------------------|--------------|
| Project 2017 RECON PROJECT | Sheet C03 |
| Date 4/10/2017 | |
| Scale 1" = 30' | |



General Notes

1. DRIVEWAY BUILDUP:
12" - TYPE A GRAVEL
2" - 12.5mm BASE COURSE
1" - 9.5mm SURFACE

2. SIDEWALK BUILDUP
12" - TYPE A GRAVEL
1" - 9.5mm BASE COURSE
1" - 9.5mm SURFACE

3. ROADWAY BUILDUP
18" - TYPE D GRAVEL
3" - TYPE A GRAVEL
2" - 12.5mm HMA BASE
1.5" - 9.5mm HMA SURFACE

4. SHIM AND OVERLAY
0.5" - 9.5mm HMA (SHIMMING)
1.5" - 9.5mm HMA SURFACE

5. NEW SIDEWALK PROPOSED ABUTTING CURB.

6. ROAD WIDTH 22' CURB TO CURB.

7. CB16 & CB17 INTERCEPT THE ASSUMED 24" CMP AT UNKNOWN ELEVATION.

| | | |
|-----|----------------|------|
| No. | Revision/Issue | Date |
| | | |

Firm Name and Address

Project Name and Address
2017 RECONSTRUCTION PROJECT
COOK STREET
AUBURN, ME 04210

| | |
|-------------------------------|-------|
| Project 2017 RECON PROJECT | Sheet |
| Date 4/10/2017 | C04 |
| Scale 1" = 30' | |