



Transit Stop Accessibility

Contract Number: T-15-019-201

Chattanooga Department of Transportation

- **Comment 1:** With reference to Section 01010 description of work mentions "see set of plans for details," no plans was included in the solicitation package.
- **Response 1:** Plans are attached below.

- **Comment 2:** With reference to construction schedule, none was provided.
- **Response 2:** The construction schedule is only dictated by Article VII on the first page of the contract (S00500-1) that was included in the bid documents; see that section for details.

- **Comment 3:** When will the drawings and schedule be available?
- **Response 3:** See Responses 1 and 2 Above.

- **Comment 4:** Taking into consideration, to prepare an exact estimation after reviewing of the drawings and make our best competitive offer, we are requesting to extend the due date of the bid submission by at least 15 days.
- **Response 4:** We have adjusted the Bid Opening date from Thursday, June 13 to **Thursday, June 27** at 2:00PM – City Hall 101 East 11th Street, Purchasing Conference Room, Ground Floor

CITY OF CHATTANOOGA, TENNESSEE

CONTRACT #T-15-019

TRANSIT STOP ACCESSIBILITY

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MAYOR

ANDY BERKE

CITY COUNCIL

- DISTRICT 1 - CHIP HENDERSON
- DISTRICT 2 - JERRY MITCHELL, CHAIRPERSON
- DISTRICT 3 - KEN SMITH, VICE-CHAIRPERSON
- DISTRICT 4 - DARRIN LEDFORD
- DISTRICT 5 - RUSSELL GILBERT
- DISTRICT 6 - CAROL B. BERZ
- DISTRICT 7 - ERSKINE OGLESBY JR
- DISTRICT 8 - ANTHONY BYRD
- DISTRICT 9 - DEMETRUS COONROD



TN REGISTRATION NO. 114738

03/26/19

MARK D. HEINZER, P.E.
CITY TRANSPORTATION ENGINEER
STATE LICENSE NO. 114738

DATE

DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY, ADMINISTRATOR

GENERAL NOTES

GRADING AND EXCAVATION

1. FINISHED GRADES ON PROFILES ARE THE SAME AS FINISHED GRADES SHOWN ON TYPICAL SECTIONS AND ON CROSS SECTIONS.
2. THE COST OF REMOVAL AND DISPOSAL OF EXISTING FLEXIBLE PAVEMENT ENCOUNTERED IN THE PROGRESS OF THE WORK AND NOT COVERED IN OTHER BID ITEMS SHOWN ON PLANS, SHALL BE INCLUDED IN ITEM NO. 1, "COMMON EXCAVATION."
3. WHEN SPECIFIED GRADING REQUIREMENTS ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL GRADE ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION, OR OTHERWISE DISTURBED BY CONSTRUCTION, TO DRAIN AND TO MATCH THE EXISTING, ADJACENT GROUND.
4. THE CONTRACTOR SHALL PERFORM ALL NECESSARY STRIPPING OF EXISTING TOPSOIL ON THE JOBSITE.
5. ON THE PROJECT, NEWLY GRADED, EARTH AREAS NOT TO BE PAVED, RIP-RAPPED, OR STABILIZED, SHALL BE SEEDED IN ACCORDANCE WITH THE CITY OR COUNTY SPECIFICATIONS. PRIOR TO SEEDING, A THREE-INCH (3") LAYER OF TOPSOIL SHALL BE PLACED ON THESE AREAS IN ACCORDANCE WITH SAID SPECIFICATIONS. ALL EXISTING ROADS OR RAMPS TO BE ABANDONED WITHIN THE RIGHT-OF-WAY SHALL BE SCARIFIED AND OBLITERATED, THEN HAVE TOPSOIL AND SEED ADDED.
6. THE CONTRACTOR IS TO DISPOSE OF, AT HIS OWN EXPENSE, ALL UNSUITABLE AND/OR SURPLUS, EXCAVATED MATERIAL AS DIRECTED BY THE ENGINEER. ALL SUITABLE, EXCAVATED MATERIAL SHALL BE USED AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE SECTIONS OF EXISTING CURB OR CURB AND GUTTER THAT ARE RENDERED OBSOLETE. COST IS TO BE INCLUDED IN OTHER ITEMS OF CONSTRUCTION.
8. EXCAVATION ADJACENT TO EXISTING PAVEMENT SHALL BE MADE TO A NEAT LINE.

EROSION/POLLUTION CONTROL

9. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL EROSION AND WATER POLLUTION THROUGH THE CONSTRUCTION PERIOD. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE EARTH MOVING OPERATIONS BEGIN. CLEARING AND GRUBBING SHALL BE HELD TO A MINIMUM WIDTH NECESSARY TO ACCOMMODATE ROADWAY SLOPES. EMBANKMENTS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED TO MINIMIZE EROSION. BALED STRAW EROSION CHECKS AND SILT FENCE SHALL BE USED ALONG THE TOE OF FILL SLOPES, IN DITCHES, AND IN OTHER AREAS WHERE EROSION IS A PROBLEM AND SILT-LADEN RUNOFF MAY ENTER A STREAM OR ADJACENT PROPERTY.
10. ANY STOCKPILED SOIL OR FILL MATERIAL SHALL BE LOCATED AND TREATED IN A MANNER TO PREVENT SILT'S ENTERING STREAMS. NO EXCAVATED MATERIAL SHALL BE DISCHARGED INTO DITCHES. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL IN A LOCATION, APPROVED BY THE ENGINEER, ABOVE THE NORMAL HIGH WATER ELEVATION.
11. THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL EROSION CONTROL PROVISIONS AS SET FORTH IN THE BEST MANAGEMENT PRACTICES MANUAL AVAILABLE FROM THE STORMWATER MANAGEMENT DIVISION OF THE CITY OF CHATTANOOGA DEPARTMENT OF PUBLIC WORKS. REFER TO CITY ORDINANCE 9942.
12. WITHIN THE UNIT PRICE FOR EACH EROSION CONTROL ITEM, THE CONTRACTOR IS EXPECTED TO MAINTAIN THE EROSION CONTROL MEASURES THROUGHOUT THE LENGTH OF THE CONTRACT AS REQUIRED.
13. THE CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND WATER CONTROL MEASURES (SUCH AS BERMS, SEDIMENT BASINS, SLOPE DRAINS, HAY BALES, AND SILT FENCES) AS DIRECTED BY THE ENGINEER. THESE TEMPORARY MEASURES SHALL BE COORDINATED WITH THE PERMANENT EROSION CONTROL FEATURES TO ASSURE ECONOMICAL, EFFECTIVE, AND CONTINUOUS EROSION CONTROL THROUGHOUT THE PROJECT.
14. NO EARTH OR OTHER ERODIBLE MATERIAL SHALL BE USED TO DIVERT STREAM FLOW OR TO CONSTRUCT COFFERDAMS. CLEAN CUT ROCK WITH FINES MAY BE USED, OR, IN THE CASE OF COFFERDAMS, STEEL SHEETING IS PERMISSIBLE. WATER OR SEDIMENT ISOLATED BY COFFERDAMS OR DISPLACED FOOTINGS SHALL BE PUMPED INTO SEDIMENT BASINS ON THE BANK OF THE STREAM. ALL COSTS OF TEMPORARY POLLUTION CONTROL SHALL BE INCLUDED IN THE LUMP SUM BID.

DRAINAGE

15. COSTS OF EXCAVATION FOR CURB INLETS, MANHOLES, PIPE CULVERTS, AND OTHER STRUCTURES SHALL BE INCLUDED IN THE UNIT PRICE COST OF THE ITEM.
16. WHEN A CULVERT (PIPE, SLAB, OR BOX) IS MOVED TO A NEW LOCATION OTHER THAN THAT SHOWN ON THE PLANS, INCREASING OR DECREASING THE AMOUNT OF CULVERT EXCAVATION, NO INCREASE OR DECREASE IN THE AMOUNT OF PAYMENT WILL BE MADE.
17. THE CONTRACTOR IS REQUIRED TO CONNECT ALL EXISTING STORM DRAINAGE PIPE TO PROPOSED DRAINAGE STRUCTURES AS MAY BE REQUIRED BY FIELD ENGINEER. THE COST IS TO BE INCLUDED IN OTHER ITEMS OF CONSTRUCTION.
18. EXISTING DOWN SPOUT DRAINAGE THAT IS CONNECTED TO THE PRESENT STORM SEWER SYSTEM SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. THE COST IS TO BE INCLUDED IN OTHER ITEMS OF CONSTRUCTION.

19. THE CONTRACTOR SHALL BE REQUIRED TO BACKFILL STORM SEWERS WITH BEDDING MATERIAL ACCORDING TO THESE STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER.

20. REMOVAL OF EXISTING DRAINAGE STRUCTURES IN THIS CONTRACT SHALL BE CONSIDERED INCIDENTAL, THEREFORE NO SEPARATE PAYMENT SHALL BE MADE. COMPENSATION SHALL BE INCLUDED IN THE CONTRACT PRICES FOR OTHER ITEMS.

21. THE COST OF CONNECTING THE PROPOSED STORM SEWERS TO THE PROPOSED STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER PIPE, WHETHER CONNECTION IS TO A CATCH BASIN, CURB INLET, OR MANHOLE, OR TO ANOTHER STORM SEWER PIPE.

UTILITIES

22. LOCATIONS OF UTILITIES, PUBLIC AND/OR PRIVATE, ARE APPROXIMATE ONLY, AND THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD. IT IS POSSIBLE THAT SOME EXISTING FACILITIES ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ALL UNDERGROUND UTILITY FACILITIES LOCATED AND MARKED PRIOR TO THE BEGINNING OF CONSTRUCTION.

23. UTILITY OWNERS ARE TO RESET, RELAY, OR ADJUST, AT THEIR OWN EXPENSE, POWER AND TELEPHONE LINES, POWER POLES, WATER AND GAS LINES, AND ALL OTHER FACILITIES INCLUDING METERS, VALVES, PITS, ETC., CONFLICTING WITH THE PROPOSED IMPROVEMENTS WITHIN THE EXISTING RIGHT-OF-WAY. ALL RELOCATED POLES, METERS, VALVES, ETC., ARE TO BE LOCATED BEHIND THE SIDEWALK.

24. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITY OWNERS PRIOR TO SUBMITTING HIS BID SO THAT HE MAY DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS SHALL HAVE UPON THE SCHEDULING OF WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED AROUND UTILITY FACILITIES THAT SHALL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY UTILITY ADJUSTMENTS.

25. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY OWNERS PRIOR TO INTERRUPTING ANY GAS, WATER, OR SEWER SERVICES. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED UTILITY CUSTOMERS AT LEAST 24 HOURS BEFORE INTERRUPTING THE CUSTOMERS' SERVICE. WHERE INDIVIDUAL SERVICES ARE TO BE DISCONTINUED FOR MORE THAN 4 HOURS, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR PROVIDING TEMPORARY SERVICE SATISFACTORY TO THE AFFECTED CUSTOMER. THE REPAIR OR REPLACEMENT OF UTILITY COMPONENTS SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF THE UTILITY OWNER. NO SEPARATE PAYMENT SHALL BE MADE FOR THESE ACTIVITIES, AND COMPENSATION, THEREFORE, SHALL BE INCLUDED IN THE CONTRACT PRICES FOR OTHER ITEMS.

26. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. SHOULD SPECIAL EQUIPMENT BE REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR SHALL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FROM FURNISHING SPECIAL EQUIPMENT SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

27. ANY EXISTING STORM SEWER DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AS RAPIDLY AS POSSIBLE AND THEN BE INSPECTED BY ITS RESPECTIVE OWNER. THE ENGINEER SHALL DETERMINE IF DAMAGE IS THE RESULT OF THE CONTRACTOR'S NEGLIGENCE OR OF AN UNAVOIDABLE CAUSE.

28. THE COST OF EXTENDING ALL 4" DIAMETER PVC SEWER LATERALS SHALL BE FOR COMPLETE, IN-PLACE WORK AND SHALL INCLUDE ALL INCIDENTAL COSTS. AREAS WHERE THE EXTENSIONS ARE TO OCCUR SHALL BE DETERMINED BY THE ENGINEER.

29. ALL CUTS AND FILLS ARE TO BE IN PLACE AND COMPACTED PRIOR TO INSTALLATION OF SANITARY SEWERS AND APPURTENANCES.

30. ALL SANITARY SEWER CONSTRUCTION MUST BE DONE BY A LICENSED MUNICIPAL UTILITY CONTRACTOR-CLASSIFICATION MU.

31. TRANSITION JOINTS ON SANITARY SEWER PIPES OF DIFFERENT MATERIALS MUST BE APPROVED BY THE JURISDICTIONAL ENGINEER AND CONSTRUCTION MUST BE DONE WITH APPROVED FITTINGS AND/OR ADAPTERS.



CITY OF CHATTANOOGA DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE: 3/25/2019

CONTRACT#

SCALE:

DRAWN: GMH

DESIGN: CHATT.

CHECKED: CHATT.

GENERAL NOTES

SHEET: 1

GENERAL NOTES cont.

TRAFFIC

- UPON NOTICE OF AWARD OF A CITY OR COUNTY CONTRACT, THE CONTRACTOR SHALL SUBMIT, WITHIN TEN (10) DAYS, A CONSTRUCTION SCHEDULE. THE CITY OF CHATTANOOGA'S TRAFFIC ENGINEERING DEPARTMENT SHALL PROVIDE A WORK ZONE TRAFFIC CONTROL PLAN WITHIN FIVE (5) DAYS THEREAFTER.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN TRAFFIC AND PROVIDE TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL TRAFFIC SIGNS AND MARKINGS AS REQUIRED BY THE MUTCD AND THE CITY OF CHATTANOOGA'S TRAFFIC ENGINEERING DEPARTMENT.
- PERMANENT SIGNS AND PAVEMENT MARKINGS SHALL BE PLACED BY CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN ALL BUSINESS, VEHICULAR, AND PEDESTRIAN ENTRANCES.
- THE CONTRACTOR SHALL PROVIDE A PEDESTRIAN WALKWAY THAT SEPARATES AND INSULATES THE PEDESTRIAN FROM THE CONSTRUCTION SITE AND VEHICULAR TRAFFIC. WHERE POSSIBLE, THE WALKWAY SHALL BE ON THE SAME SIDE OF THE STREET AS THE CONSTRUCTION SITE. WHERE OVERHEAD DANGER EXISTS, THE CONTRACTOR SHALL PROVIDE A COVERED WALKWAY.
- PRIOR TO CLOSING THE ROAD TO THROUGH TRAFFIC, THE CONTRACTOR SHALL NOTIFY ALL AFFECTED LOCAL AGENCIES ABOUT THE PROPOSED ROAD CLOSURE. THOSE TO BE CONTACTED SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: FIRE DEPARTMENT, POLICE DEPARTMENT, SHERIFF'S DEPARTMENT, POST OFFICE, CITY TRAFFIC ENGINEER'S OFFICE, AND THE BOARD OF EDUCATION.
- CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION ON THE PREDOMINATE TRAVEL PATH.

DRIVEWAYS

- WHEN A CONCRETE CURB AND GUTTER IS BUILT, THE CONTRACTOR SHALL INSTALL A DROP CURB FOR EACH LOT AT A LOCATION CHOSEN BY THE ENGINEER. A DOWNTOWN LOT SHALL BE EXEMPT WHEN A BUILDING EXISTS ACROSS THE PROPERTY FRONTAGE OR IS PLANNED TO BE CONSTRUCTED ACROSS THE FRONTAGE.
- EXISTING, PAVED DRIVEWAYS SHALL BE REPLACED IN KIND TO THE TIE-IN POINT. EACH EXISTING, UNPAVED DRIVEWAY SHALL RECEIVE A FIVE FEET CONCRETE APRON BEHIND, AND ADJACENT TO, THE BACK CURB LINE AND THEN BE REPLACED IN KIND FROM THERE TO THE TIE-IN POINT.

RIGHTS-OF-WAY/EASEMENTS

- BEFORE CONSTRUCTION OF A CITY-OF-CHATTANOOGA PROJECT BEGINS, THE CITY'S DEPARTMENT OF PUBLIC WORKS SHALL ATTEMPT TO SECURE ALL RIGHTS-OF-WAY AND EASEMENTS REQUIRED FOR COMPLETION OF THE PROJECT.

MISCELLANEOUS

- THE ENGINEER SHALL HAVE THE AUTHORITY TO DESIGNATE AND/OR LIMIT AREAS OF CONSTRUCTION.
- THE OWNER MAKES NO REPRESENTATIONS ABOUT SUBSURFACE CONDITIONS THAT MAY BE ENCOUNTERED WITHIN THE LIMITS OF THE PROJECT. THE CONTRACTOR SHOULD SATISFY HIMSELF BY ON-SITE INSPECTIONS, CORE DRILLINGS, OR OTHER METHODS, OF THE SUBSURFACE CONDITIONS THAT MAY BE ENCOUNTERED. THE RISK OF ENCOUNTERING AND CORRECTING UNFAVORABLE SUBSURFACE CONDITIONS SHALL BE BORNE SOLELY BY THE CONTRACTOR.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL FIELD LAYOUTS, APPROVED BY THE ENGINEER, FOR THE ROADWAY AND FOR DRAINAGE STRUCTURES. ALL FINISHED GRADE ELEVATIONS AND LAYOUT SHALL BE SET USING A HUB AND TACK AND/OR PK NAILS, AS DETERMINED BY FIELD CONDITIONS.
- SHOULD AN EXISTING BENCH MARK BE LOCATED ON A POWER POLE, TELEPHONE POLE, ETC., THAT IS TO BE RELOCATED DURING CONSTRUCTION, THE BENCH MARK SHALL BE RELOCATED BY A CITY OR COUNTY CREW PRIOR TO CONSTRUCTION.
- ALL SALVAGEABLE MATERIAL FROM EXISTING PIPING AND STRUCTURES SHALL REMAIN PROPERTY OF THE CITY OF

CHATTANOOGA OR OF HAMILTON COUNTY. SAID MATERIAL SHALL BE CLEANED AND THEN DELIVERED TO THE OWNER AT A LOCATION DESIGNATED BY THE ENGINEER.

- ALL UNSUITABLE MATERIAL, AS DETERMINED BY THE ENGINEER OR THROUGH TESTING, IS TO BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. PAYMENT SHALL BE BASED ON A CUBIC YARD QUANTITY.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AT HIS OWN EXPENSE ANY AND ALL DAMAGES THAT MAY OCCUR OUTSIDE THE LIMITS OF THIS PROJECT AS A RESULT OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING COMBINED CURB AND GUTTERS WHERE APPLICABLE.
- ALL EXISTING DRAINAGE STRUCTURES, ABANDONED UTILITY FACILITIES, STRUCTURE FOUNDATIONS, AND SIMILAR ITEMS WITHIN THE LIMITS OF PAVING SHALL BE REMOVED TO A MINIMUM OF TWO FEET BELOW THE TOP OF SUBGRADE, AND REMAINING VOIDS SHALL BE FILLED WITH COMPACTED, CRUSHED STONE TO THE TOP OF SUBGRADE. NO SEPARATE PAYMENT WILL BE MADE FOR REMOVAL OF SAID ITEMS OR FOR FURNISHING AND COMPACTING CRUSHED STONE BACKFILL, AND COMPENSATION, THEREFORE, SHALL BE INCLUDED IN THE CONTRACT PRICES FOR OTHER ITEMS.
- ALL TREES LARGER THAN 3 INCHES IN DIAMETER NEEDING TO BE REMOVED PRIOR TO THE COMPLETION OF THIS CONTRACT, SHALL BE CUT IN 3 FOOT LENGTHS AND STACKED ON THE ADJACENT PROPERTY IF THAT PROPERTY'S OWNER WISHES TO USE THE WOOD.
- THE COST OF HANDICAP RAMPS SHALL BE PAID AT THE CONTRACT UNIT PRICE FOR ITEM 16A, "CONCRETE SIDEWALK (4")", OF THE CITY'S CONTRACT SPECIFICATIONS. COST OF DROP CURBS SHALL BE PAID AT THE CONTRACT UNIT PRICE FOR ITEM 17A, "TYPE 'A' CURB AND GUTTER", OF THE CITY'S CONTRACT SPECIFICATIONS.
- THE OWNER SHALL BE RESPONSIBLE FOR THE PAYMENT FOR TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND ORDERING APPROPRIATE TESTS AS REQUIRED BY THE INSPECTOR.
- THE CONTRACTOR SHALL REPLACE IN KIND ANY AND ALL SHRUBS, FENCES, MAILBOXES, ETC., THAT ARE REMOVED FROM, OR DAMAGED ON, SLOPE EASEMENTS. NO SEPARATE PAYMENT SHALL BE MADE.
- THE CONTRACTOR SHALL NOT BE ALLOWED TO REMOVE ANY FENCE OTHER THAN THAT NECESSARY FOR THE CONSTRUCTION OF THE NEW ROAD OR RELATED APPURTENANCES. ANY FENCE REMOVED IS TO BE REPLACED IN KIND BY THE CONTRACTOR WITH THE COSTS INCLUDED IN THE UNIT PRICE BID FOR ITEM 40, "FENCE RELOCATION", OF THE CITY'S CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL GIVE THE AFFECTED PROPERTY OWNERS ONE WEEK'S NOTICE PRIOR TO CUTTING FENCES.
- THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF THE PROJECT WITHIN THIRTY (30) DAYS AFTER SUBSTANTIAL COMPLETION OF THE WORK. ("SUBSTANTIAL COMPLETION" SHALL BE DEFINED BY THE JURISDICTIONAL ENGINEER.) THE ENGINEER RESERVES THE RIGHT TO WITHHOLD THE RETAINER UNTIL RECEIVING A COMPLETE SET OF SAID DRAWINGS.
- SHOULD THERE BE A CONFLICT BETWEEN THESE GENERAL NOTES, CONTRACT DRAWINGS, AND/OR SPECIFICATIONS, THE MOST RESTRICTIVE INTERPRETATION IN FAVOR OF THE ENGINEER SHALL PREVAIL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY CLARIFICATION OR INTERPRETATION OF GENERAL NOTES, CONTRACT DRAWINGS, AND/OR SPECIFICATIONS, IN ADVANCE AND IN WRITING, FROM THE ENGINEER.
- CONTRACTOR SHALL VERTICALLY PRUNE TREE ROOTS PRIOR TO ANY GRADING OR EXCAVATION WITHIN 50 FEET (15.2M) OF THE LIMIT OF THE CRITICAL ROOT ZONE, ROOT PRUNE ALL EXISTING TREES TO A DEPTH OF 24 INCHES (61CM) BELOW EXISTING GRADE. VERTICAL CUTS SHALL BE MADE WITHIN TWO FEET OF THE LIMIT OF THE GRADING OR EXCAVATION. CONTRACTOR SHALL USE A ROCK SAW, VIBRATORY PLOW, CABLE PULLER, OR SIMILAR MECHANICAL DEVICE OR A SHARPENED SHOVEL, SPADE AND HAND PRUNERS IF DONE MANUALLY. CONTRACTOR SHALL HAVE THE BLADE SHARPENED ON MECHANICAL ROOT PRUNERS BEFORE STARTING THE PROJECT. UPON COMPLETION OF THE CUT, THE CONTRACTOR WILL IMMEDIATELY BACKFILL THE CUT WITH SOIL, AVOIDING ANY AIR POCKETS.
- ALL CONCRETE SHALL BE CLASS "A" (4,000 P.S.I.) UNLESS OTHERWISE NOTED ON DRAWING OR CITY STANDARD DETAILS. (CLASS "B" CONCRETE SHALL BE 3,000 P.S.I.)
- THE CONTRACTOR SHALL PROVIDE CUT SHEETS FOR ALL STORMWATER AND/OR SANITARY SEWER INSTALLED PRIOR TO INSTALLATION.

UTILITY OWNERS

UTILITY	OWNER	PHONE NO.	CONTACT	ADDRESS	CITY	STATE	ZIP CODE
TRAFFIC SIGNAL	CITY OF CHATTANOOGA DEPARTMENT OF TRANSPORTATION	423-643-5950	TOMMY TROTTER	1250 MARKET ST, STE. 3000	CHATTANOOGA	TN	37402
TELEPHONE	BELLSOUTH dba AT&T	423-266-5962	STEVE McCORMICK	300 E. M.L.K. BOULEVARD	CHATTANOOGA	TN	37403
WATER	TENNESSEE AMERICAN WATER	423-771-4713	GRADY STOUT	P.O. BOX 6338	CHATTANOOGA	TN	37401
SEWAGE	CITY OF CHATTANOOGA WASTE RESOURCES	423-757-5026	DISPATCH	455 MOCCASIN BEND ROAD	CHATTANOOGA	TN	37405
GAS	CHATTANOOGA GAS COMPANY	423-490-4289	BENNIE KINSEY	6125 PRESERVATION DRIVE	CHATTANOOGA	TN	37416
POWER	ELECTRIC POWER BOARD	423-648-1372	DAVID HENDERSON	P.O. BOX 182255	CHATTANOOGA	TN	37422
CABLE TV	COMCAST CABLE TELEVISION	423-855-4300	GEOFF SHOOK	2030 EAST POLYMER DRIVE	CHATTANOOGA	TN	37421
RAILROAD (TVRM)	TENNESSEE VALLEY RAILROAD MUSEUM	423-605-2331	GEORGE WALKER	4119 CROMWELL RD	CHATTANOOGA	TN	37421
STORMWATER	CITY OF CHATTANOOGA PUBLIC WORKS	423-643-6311		1250 MARKET ST, STE. 2000	CHATTANOOGA	TN	37402
FIRE HYDRANT	CITY OF CHATTANOOGA FIRE DEPARTMENT	423-643-5622	MICHAEL WRIGHT		CHATTANOOGA	TN	37402



CITY OF CHATTANOOGA DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

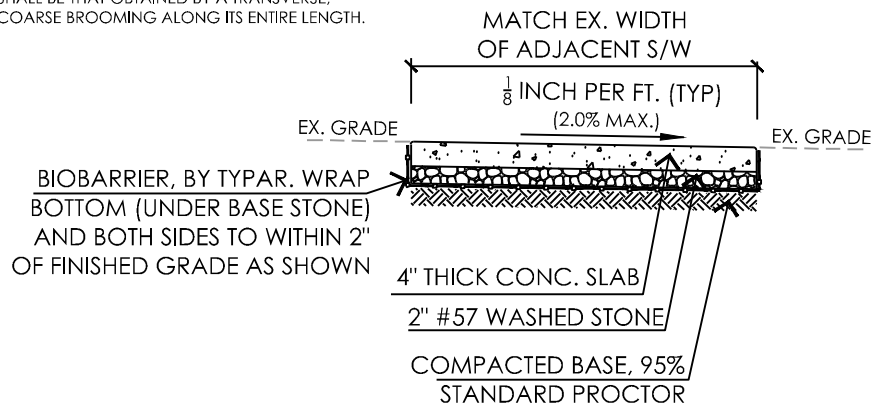
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DATE:	3/25/2019
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DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

GENERAL NOTES

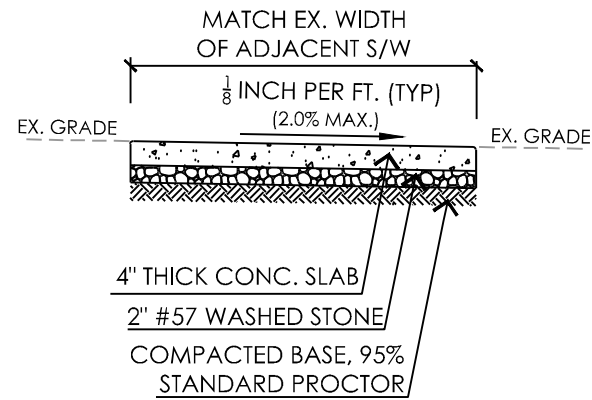
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NOTE: THE SURFACE TEXTURE OF THE SIDEWALK SHALL BE THAT OBTAINED BY A TRANSVERSE, COARSE BROOMING ALONG ITS ENTIRE LENGTH.

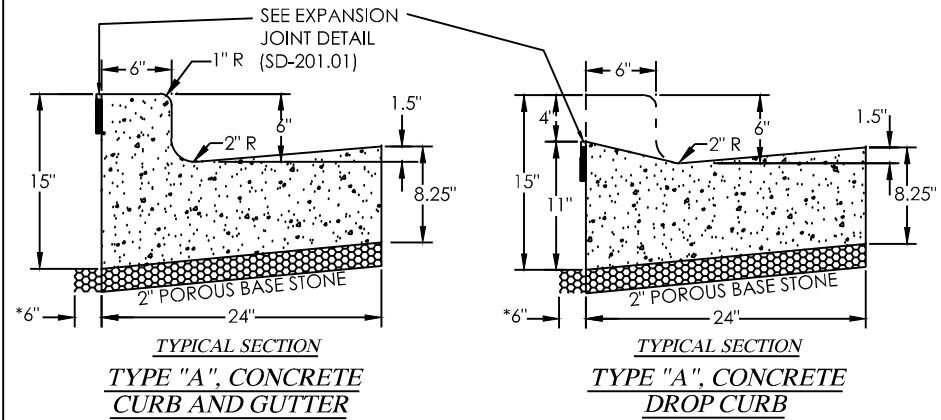


A CITY STANDARD SIDEWALK w/ BIOBARRIER
2 N.T.S.

NOTE: THE SURFACE TEXTURE OF THE SIDEWALK SHALL BE THAT OBTAINED BY A TRANSVERSE, COARSE BROOMING ALONG ITS ENTIRE LENGTH.



B CITY STANDARD SIDEWALK
2 N.T.S.



NOTE: SEE CITY OF CHATT. STD. SD-202.01 FOR FULL DETAIL AND SPECIFICATIONS

CITY STANDARD CURB & GUTTER AND DROP CURB
C 2 N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

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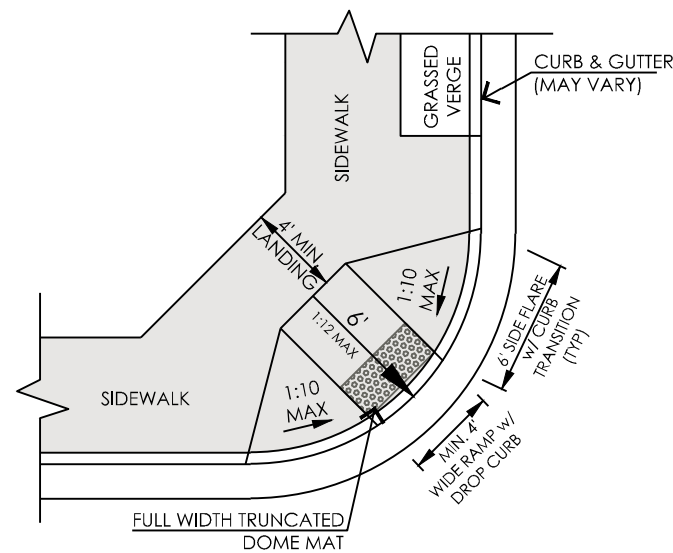
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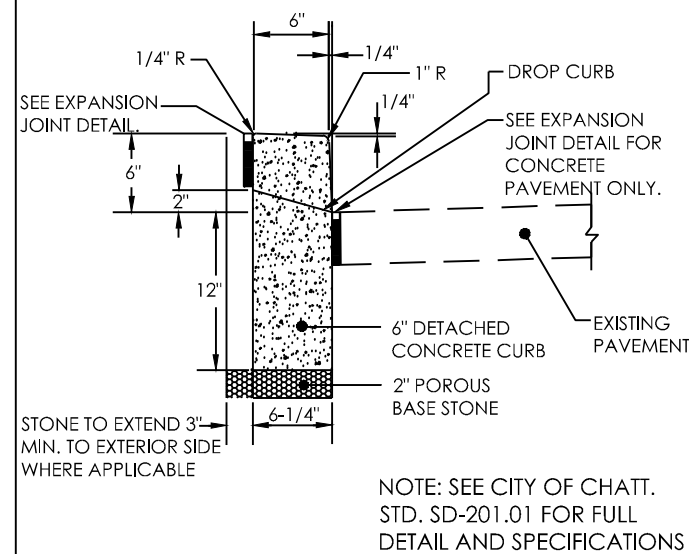
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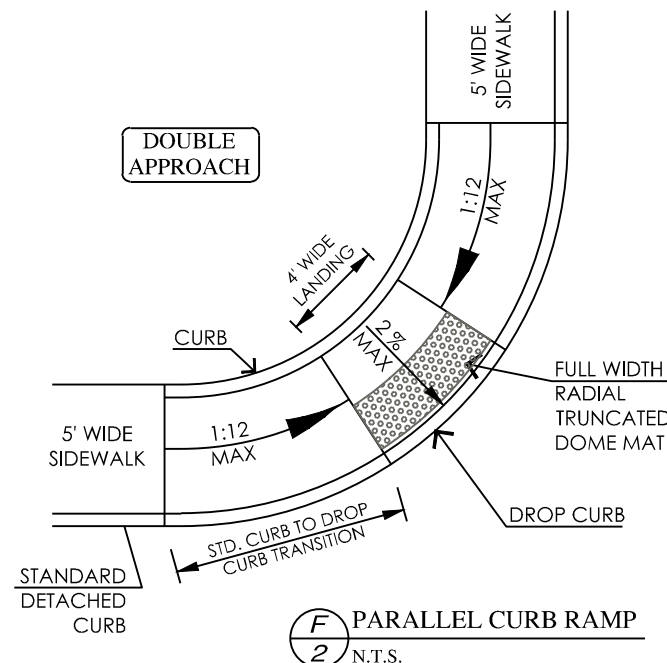
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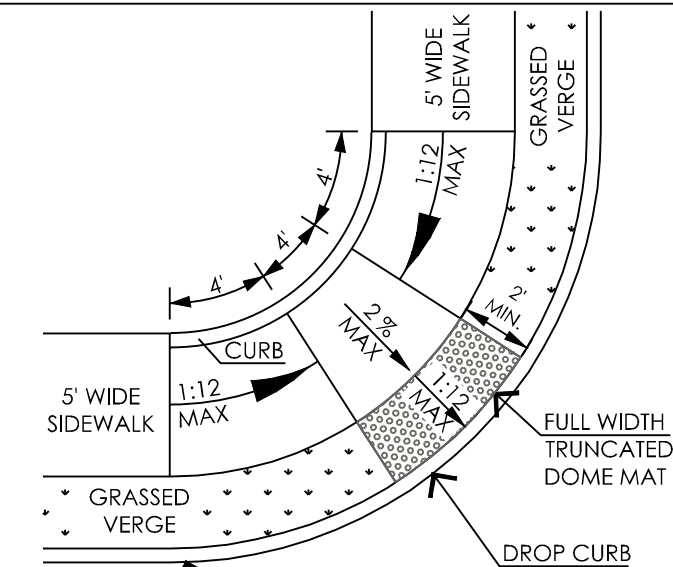
D CITY STANDARD PERPENDICULAR CURB RAMP
2 N.T.S.



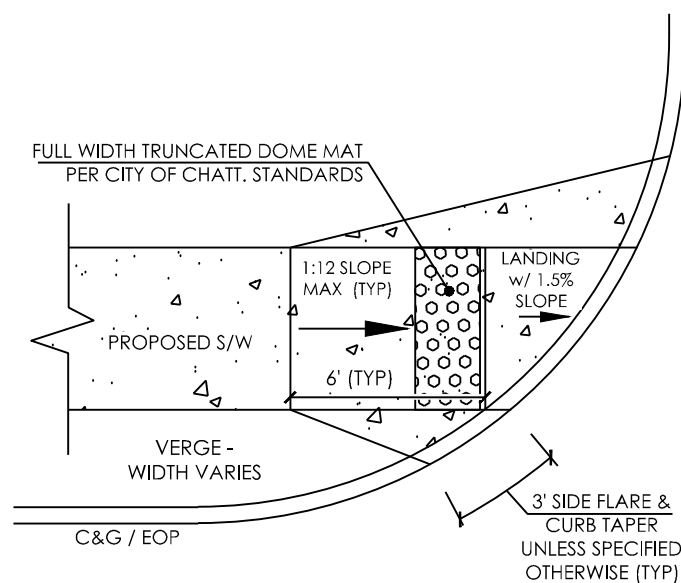
E 6" DETACHED CONCRETE CURB
2 N.T.S.



F PARALLEL CURB RAMP
2 N.T.S.



G COMBINATION CURB RAMP
2 N.T.S.



H LINEAR CURB RAMP AT INTERSECTION
2 NOT TO SCALE

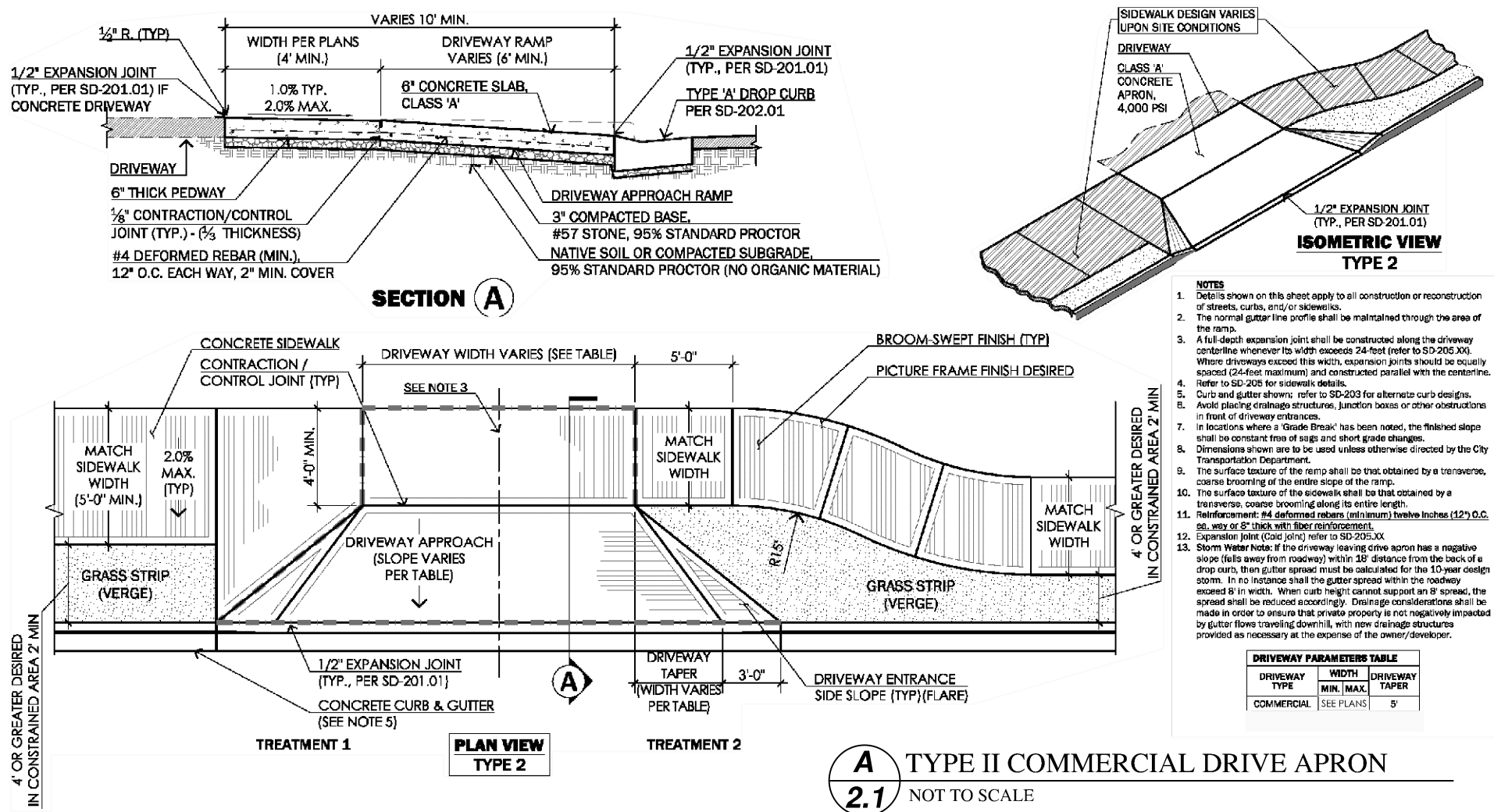
SIDEWALK WIDTH	MIN. SLOPE	DESIGN SLOPE	MAX. SLOPE
	1/8" PER 1'	3/16" PER 1'	2.00% ***
	AMOUNT OF RISE PER S/W WIDTH	AMOUNT OF RISE PER S/W WIDTH	AMOUNT OF RISE PER S/W WIDTH
4'	1/2"	3/4"	15/16"
5'	5/8"	1"	1 3/16"
6'	3/4"	1 1/8"	1 7/16"
8'	1"	1 1/2"	1 7/8"
10'	1 1/4"	1 3/4"	2 3/8"
12'	1 1/2"	2 1/4"	2 7/8"

SIDEWALK CROSS SLOPE:
MIN. 1.00%, DESIGN ±1.5%, MAX. 2.00%
***(SHALL NOT USE 1/4"/ft AS IT IS 2.08%)

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DETAILS

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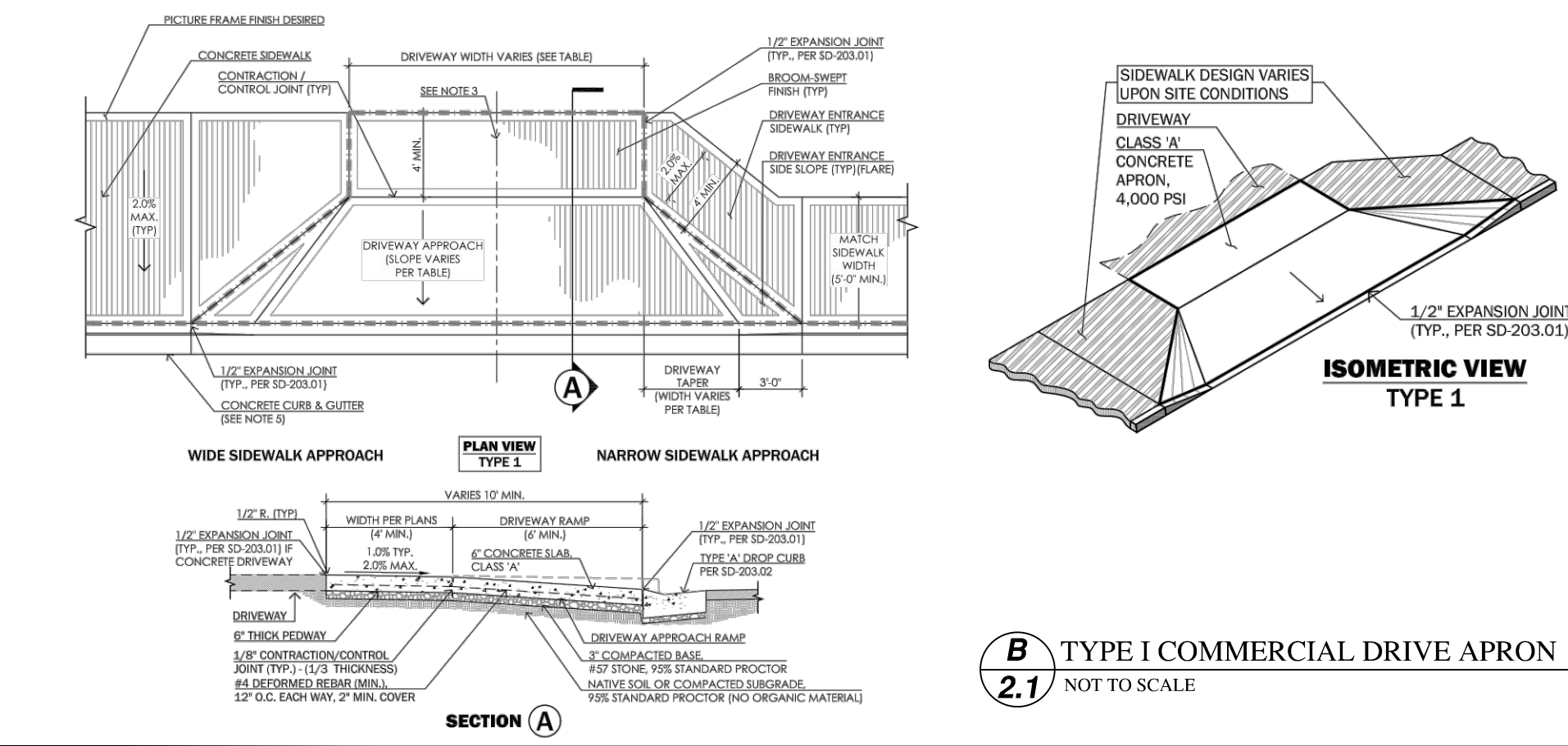


- NOTES**
- Details shown on this sheet apply to all construction or reconstruction of streets, curbs, and/or sidewalks.
 - The normal gutter line profile shall be maintained through the area of the ramp.
 - A full-depth expansion joint shall be constructed along the driveway centerline whenever its width exceeds 24-feet (refer to SD-205.00). Where driveways exceed this width, expansion joints should be equally spaced (24-feet maximum) and constructed parallel with the centerline.
 - Refer to SD-205 for sidewalk details.
 - Curb and gutter shown; refer to SD-203 for alternate curb designs.
 - Avoid placing drainage structures, junction boxes or other obstructions in front of driveway entrances.
 - In locations where a 'Grade Break' has been noted, the finished slope shall be constant free of sags and short grade changes.
 - Dimensions shown are to be used unless otherwise directed by the City Transportation Department.
 - The surface texture of the ramp shall be that obtained by a transverse, coarse brooming of the entire slope of the ramp.
 - The surface texture of the sidewalk shall be that obtained by a transverse, coarse brooming along its entire length.
 - Reinforcement: #4 deformed rebar (minimum) twelve inches (12") O.C. ea. way or 8" thick with fiber reinforcement.
 - Expansion Joint (Cold Joint) refer to SD-205.00.
 - Storm Water Note: If the driveway leaving drive apron has a negative slope (falls away from roadway) within 18' distance from the back of a drop curb, then gutter spread must be calculated for the 10-year design storm. In no instance shall the gutter spread within the roadway exceed 8' in width. When curb height cannot support an 8' spread, the spread shall be reduced accordingly. Drainage considerations shall be made in order to ensure that private property is not negatively impacted by gutter flows traveling downhill, with new drainage structures provided as necessary at the expense of the owner/developer.

DRIVEWAY PARAMETERS TABLE

DRIVEWAY TYPE	WIDTH		DRIVEWAY TAPER
	MIN.	MAX.	
COMMERCIAL	SEE PLANS		5'

A TYPE II COMMERCIAL DRIVE APRON
2.1 NOT TO SCALE



- NOTES**
- Details shown on this sheet apply to all construction or reconstruction of streets, curbs, and/or sidewalks.
 - The normal gutter line profile shall be maintained through the area of the ramp.
 - A full-depth expansion joint shall be constructed along the driveway centerline whenever its width exceeds 24-feet (refer to SD-203.01). Where driveways exceed this width, expansion joints should be equally spaced (24-feet maximum) and constructed parallel with the centerline.
 - Refer to SD-205 for sidewalk details.
 - Curb and gutter shown; refer to SD-203 series for alternate curb designs.
 - Avoid placing drainage structures, junction boxes or other obstructions in front of driveway entrances.
 - In locations where a 'Grade Break' has been noted, the finished slope shall be constant free of sags and short grade changes.
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 - Reinforcement: #4 deformed rebar (minimum) twelve inches (12") O.C. ea. way or 8" thick with fiber reinforcement.
 - Expansion joint refer to SD-203.01.
 - Storm Water Note: If the driveway leaving drive apron has a negative slope (falls away from roadway) within 18' distance from the back of a drop curb, then gutter spread must be calculated for the 10-year design storm. In no instance shall the gutter spread within the roadway exceed 8' in width. When curb height cannot support an 8' spread, the spread shall be reduced accordingly. Drainage considerations shall be made in order to ensure that private property is not negatively impacted by gutter flows traveling downhill, with new drainage structures provided as necessary at the expense of the owner/developer.

DRIVEWAY PARAMETERS TABLE

DRIVEWAY TYPE	WIDTH		DRIVEWAY TAPER
	MIN.	MAX.	
COMMERCIAL	SEE PLANS		5'

B TYPE I COMMERCIAL DRIVE APRON
2.1 NOT TO SCALE



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

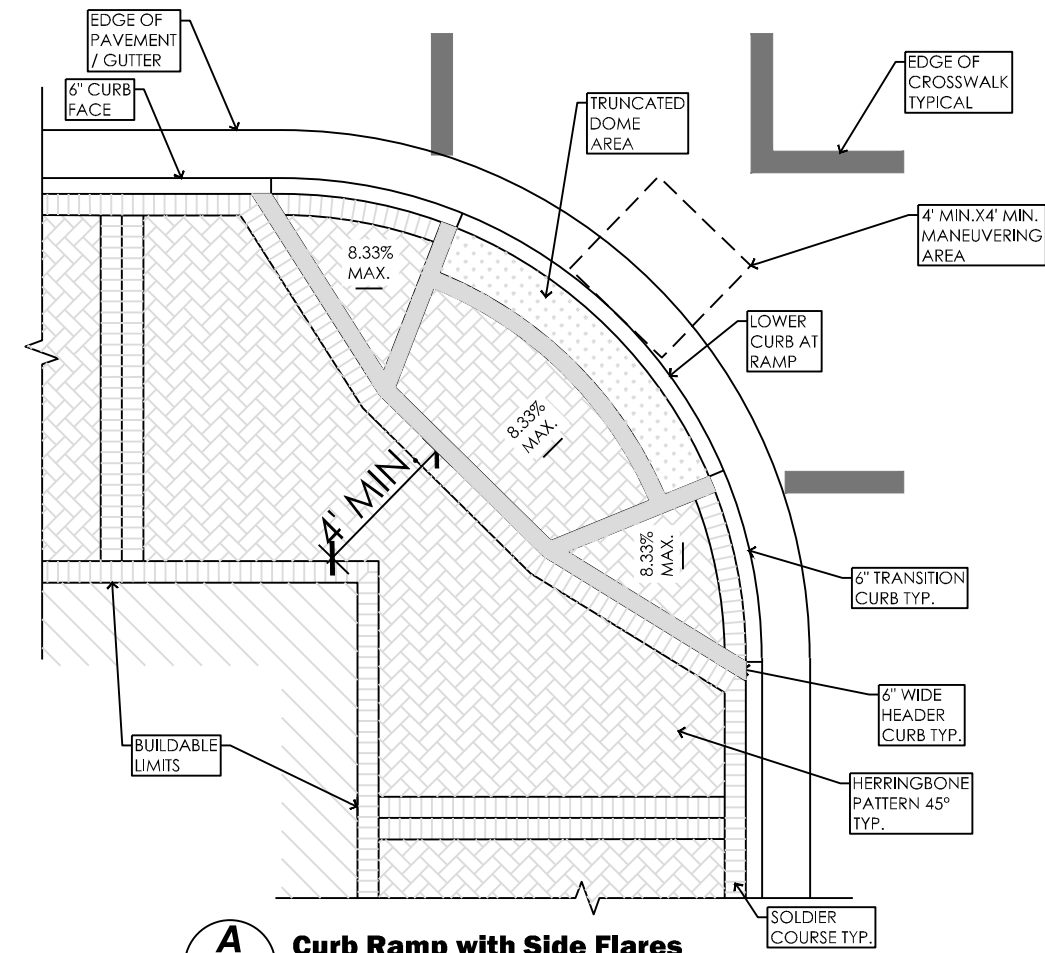
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

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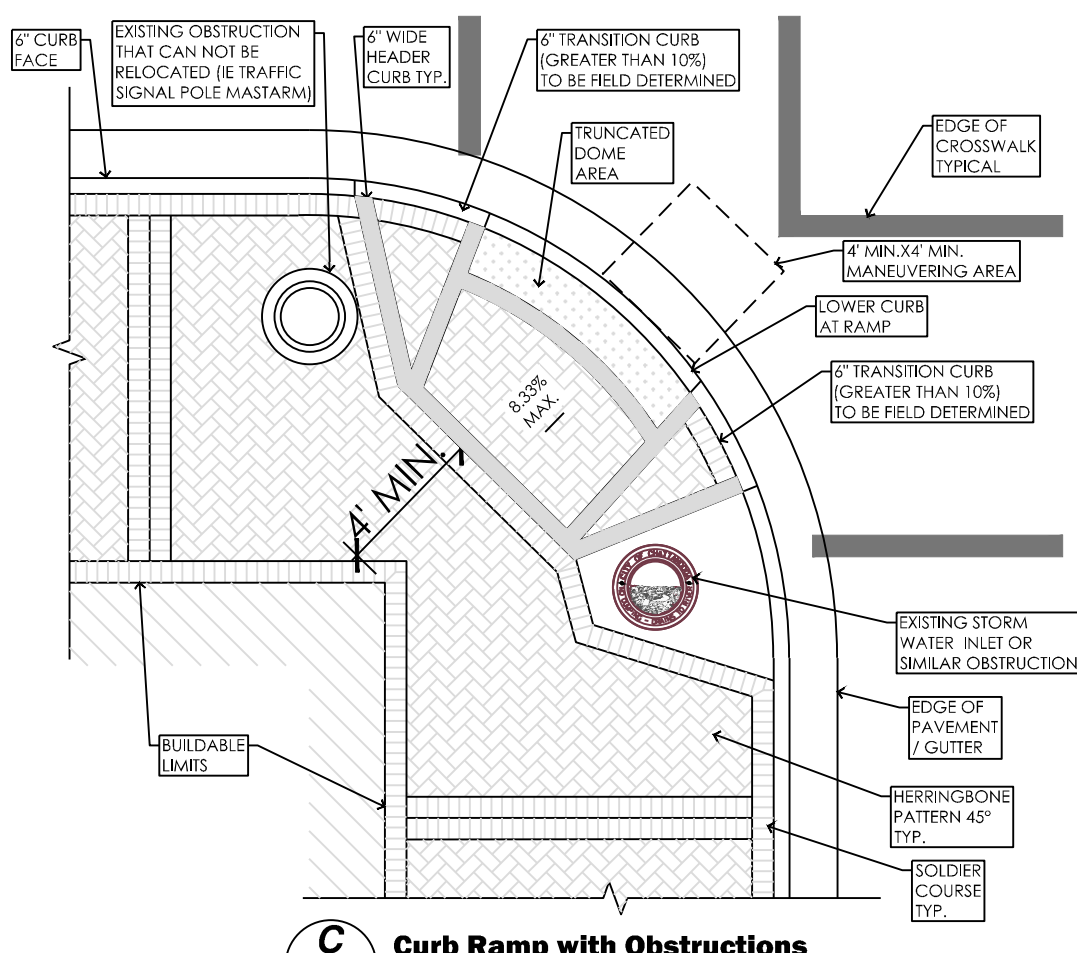
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DETAILS

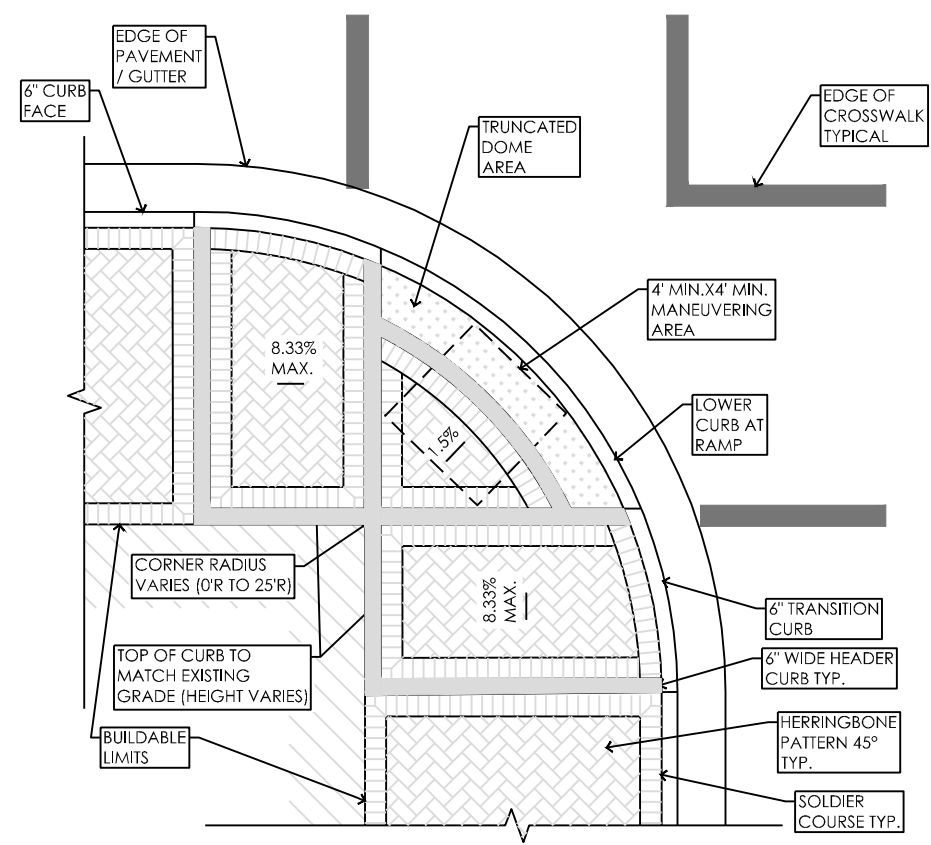
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A
2.2 Curb Ramp with Side Flares
SCALE: 1"=3'



C
2.2 Curb Ramp with Obstructions
SCALE: 1"=3'



B
2.2 Curb Ramp with Lowered Corner
SCALE: 1"=3'

Shall be field adjusted as necessary to avoid obstruction but still comply with standards.

- NOTES:**
1. ALL CROSS SLOPE AT 1.5%, SHALL NOT BE GREATER THAN 2.00%.
 2. CONCRETE HEADER, PER CITY STANDARDS SD-201.01, AT GRADE BREAKS & AT BACK OF ADA RAMPS
 3. UNLESS OTHERWISE NOTED, ALL RAMPS TO CONSIST OF STANDARD RIVER RED PAVERS MATCHING CITY STANDARDS.
 4. SIDEWALK PAVERS TO MATCH OR COMPLIMENT ADJACENT EXISTING PAVERS
 5. TRUNCATED DOMES AREAS SHALL BE PAVERS, COLOR BASED ON TDOT REQUIREMENTS.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

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1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

DETAILS

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DEPARTMENT OF TRANSPORTATION

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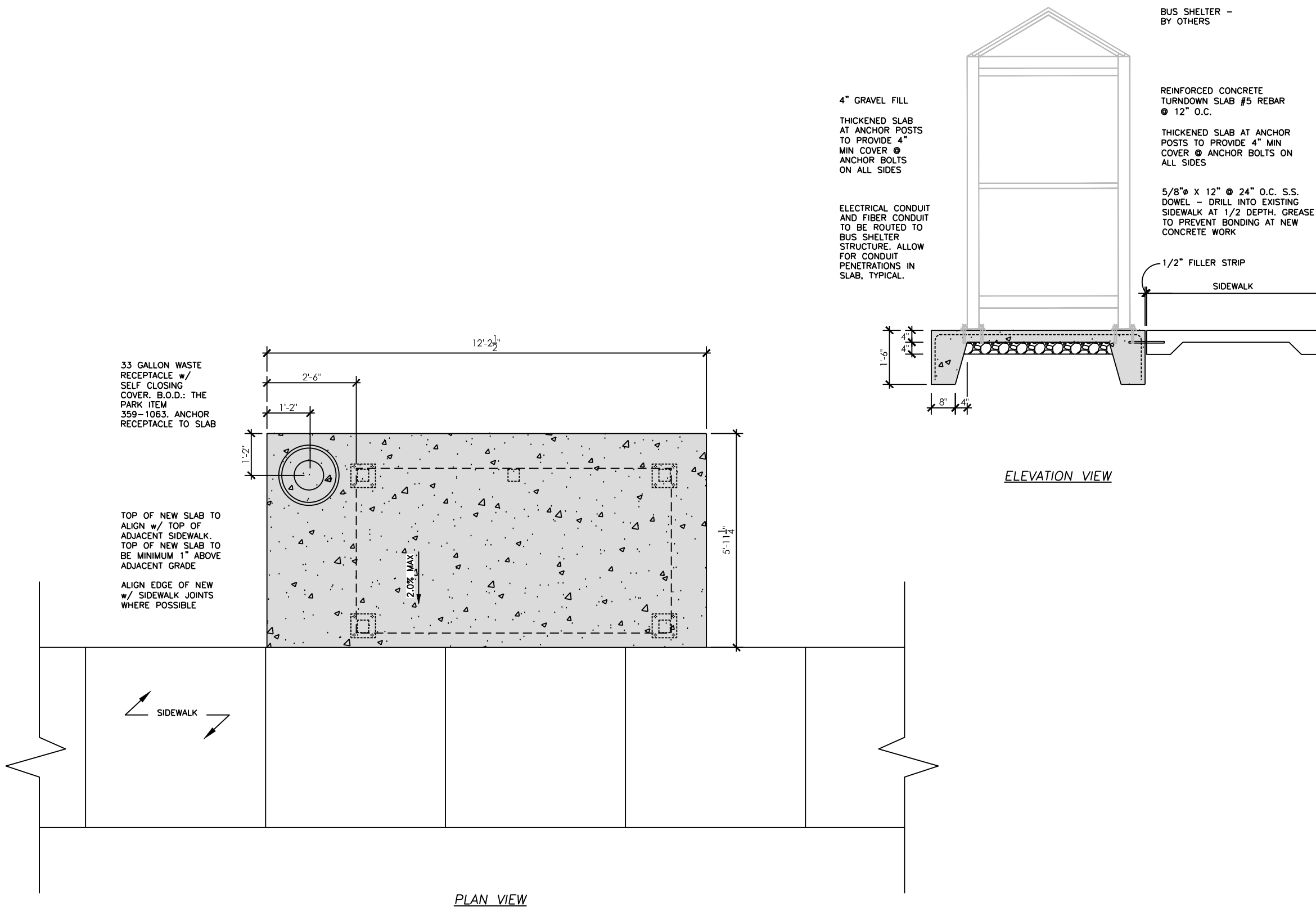
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MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
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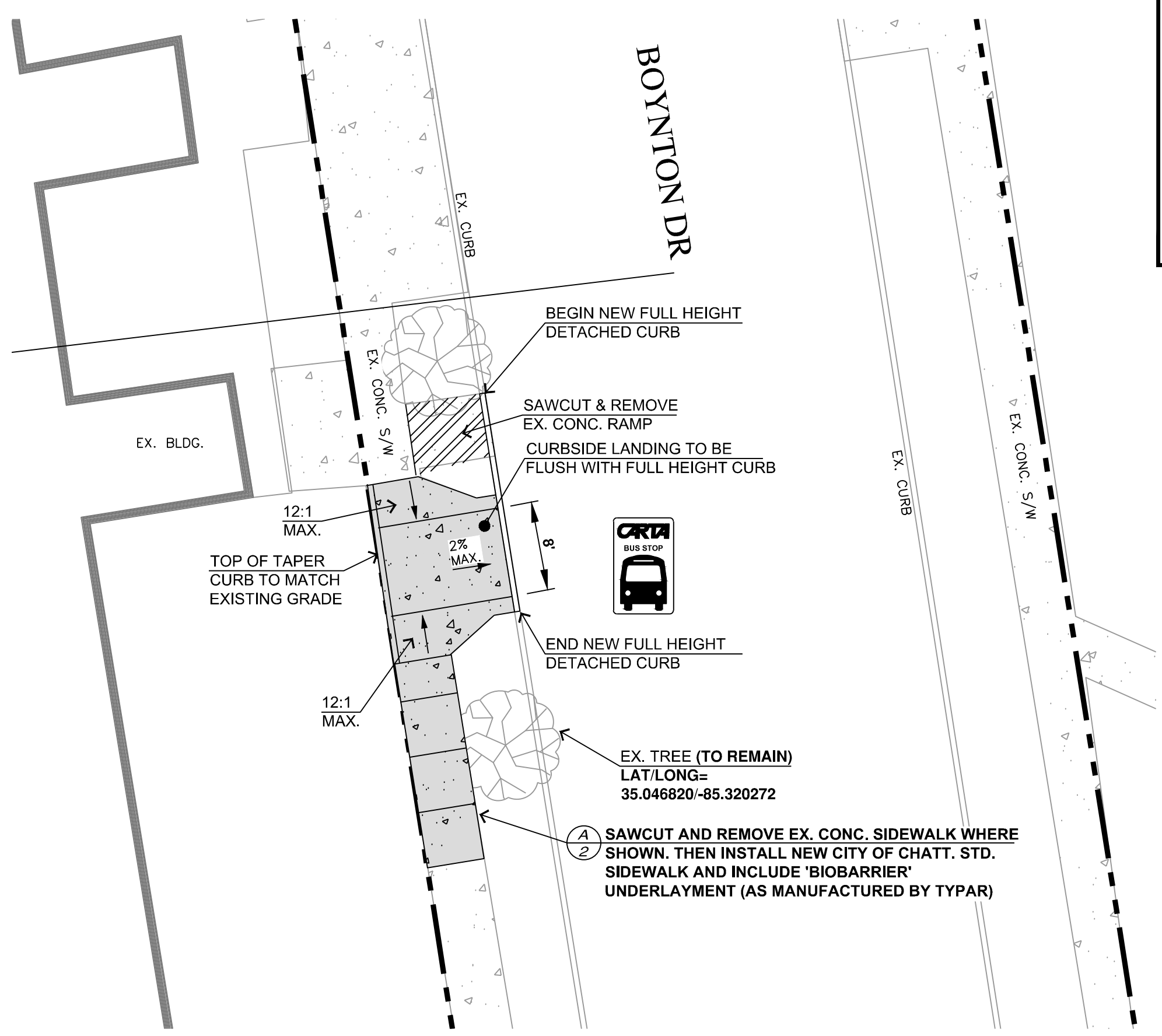
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SHEET: 2.3

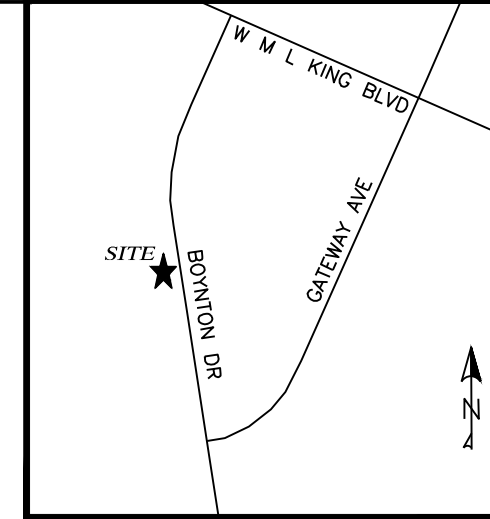


A TYPICAL CARTA BUS SHELTER SLAB
2.3 N.T.S.

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BOYNTON/SENIOR NEIGHBOR (STOP ID=756)



VICINITY MAP, N.T.S.



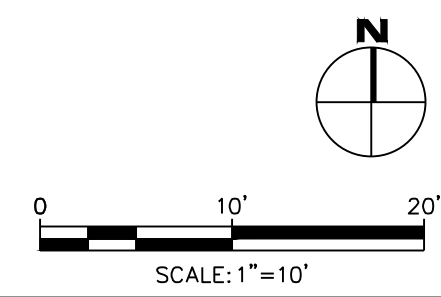
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
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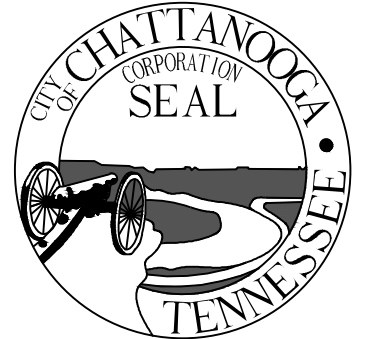
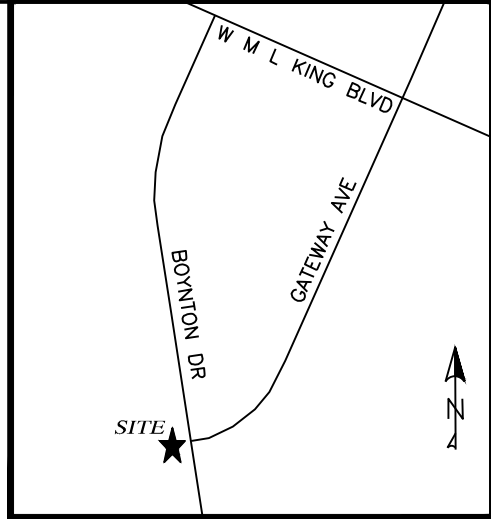
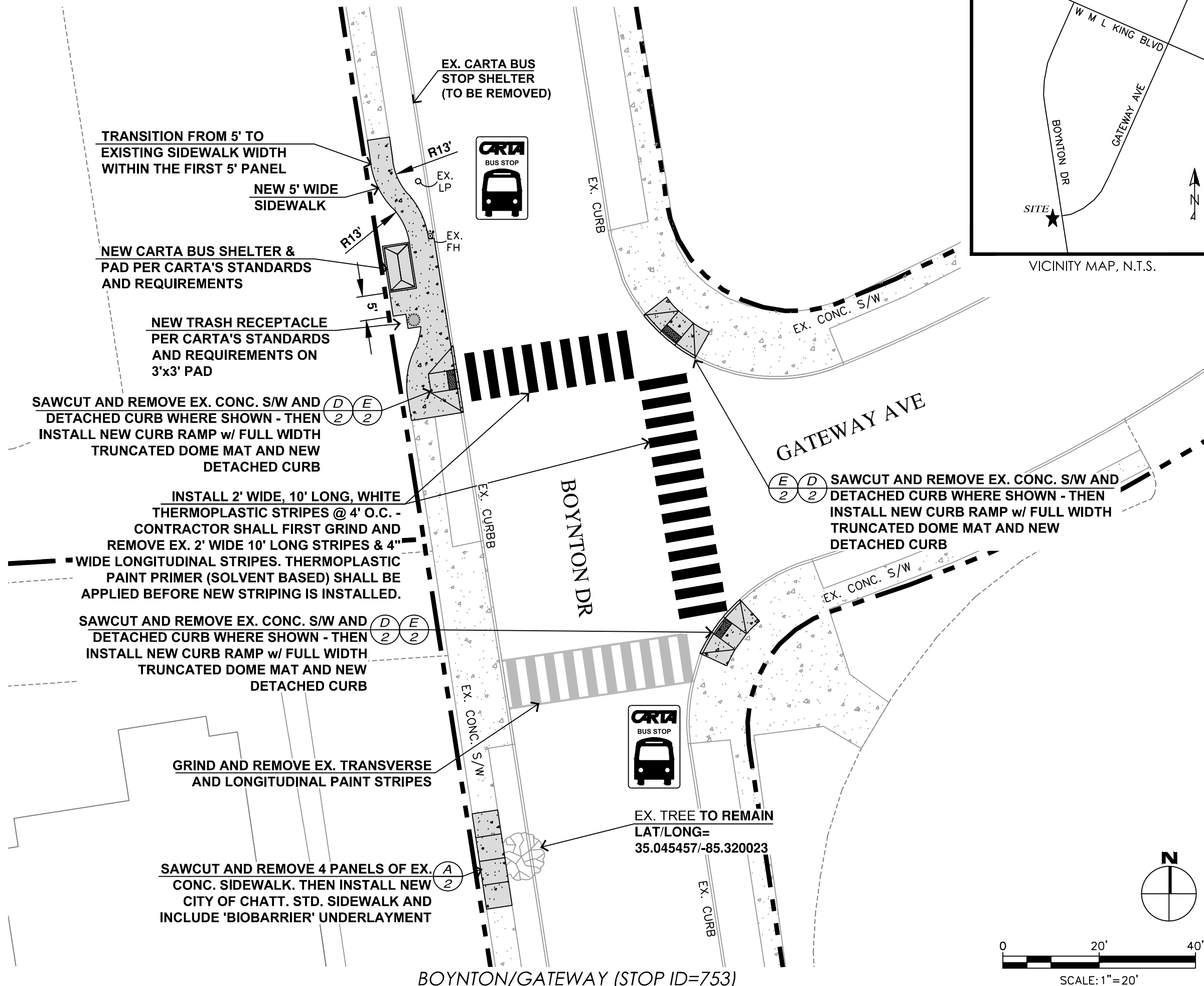
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DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 10'
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DESIGN:	CHATT.
CHECKED:	CHATT.



SITE PLAN
SHEET: 3

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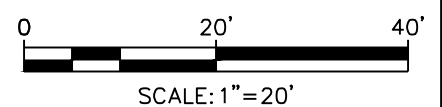
ADMINISTRATOR:
BLYTHE BAILEY
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
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CONTRACT#	
SCALE:	1" = 20'
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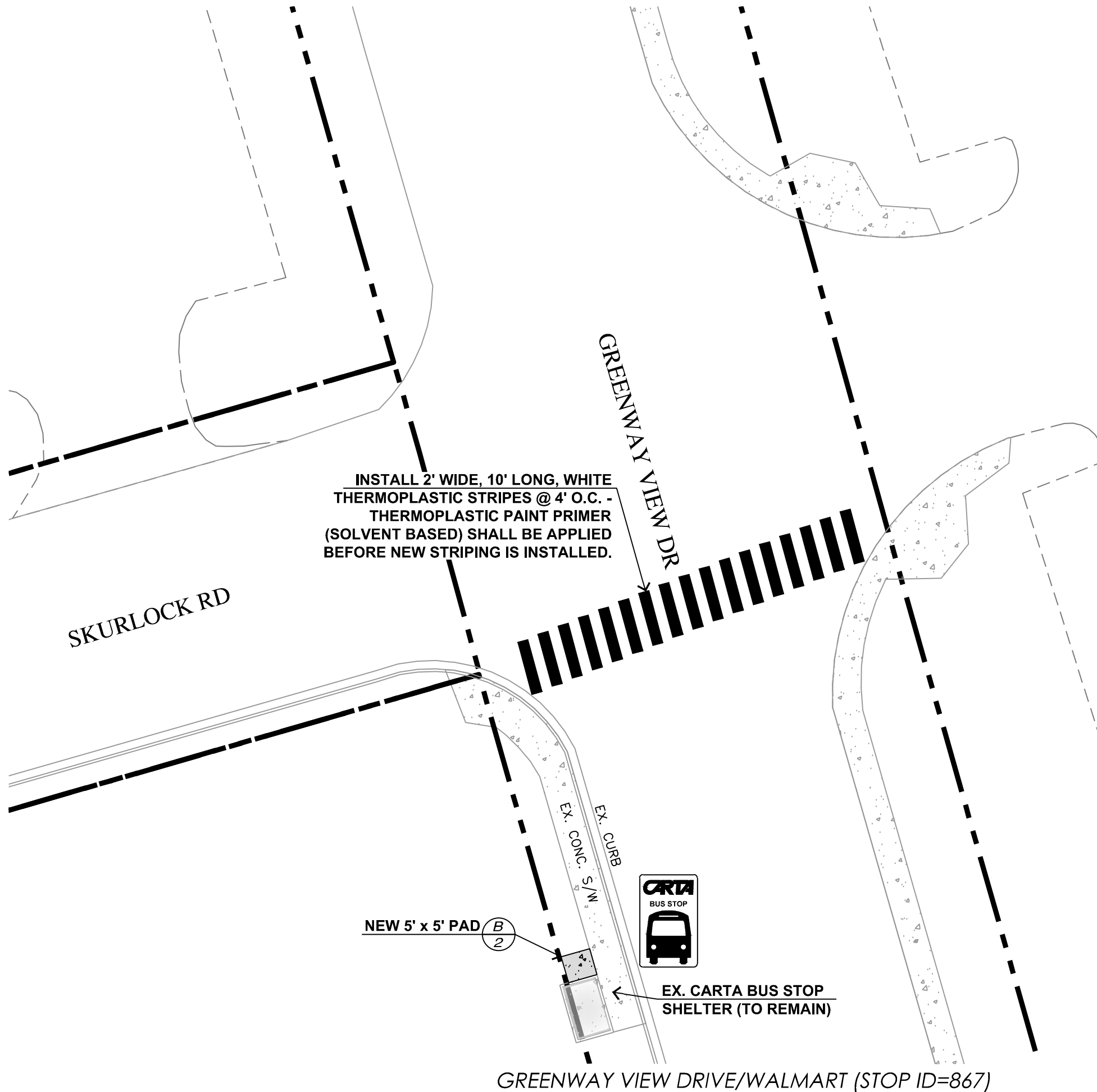
SITE PLAN

SHEET: 4



BOYNTON/GATEWAY (STOP ID=753)

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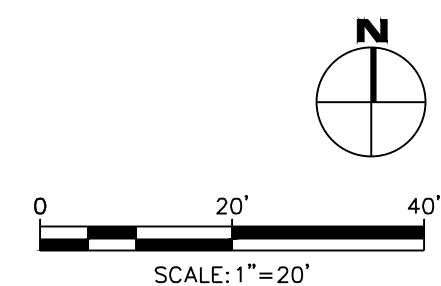
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
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CITY TRANSPORTATION ENGINEER:
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#	DATE	REVISIONS	SIG.
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DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.



SITE PLAN

SHEET: 5

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ADMINISTRATOR:
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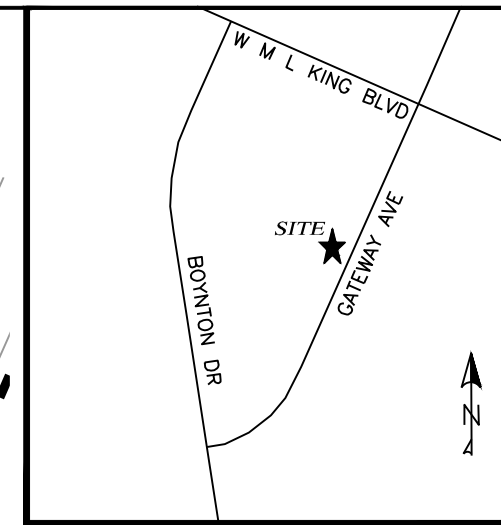
CITY TRANSPORTATION ENGINEER:
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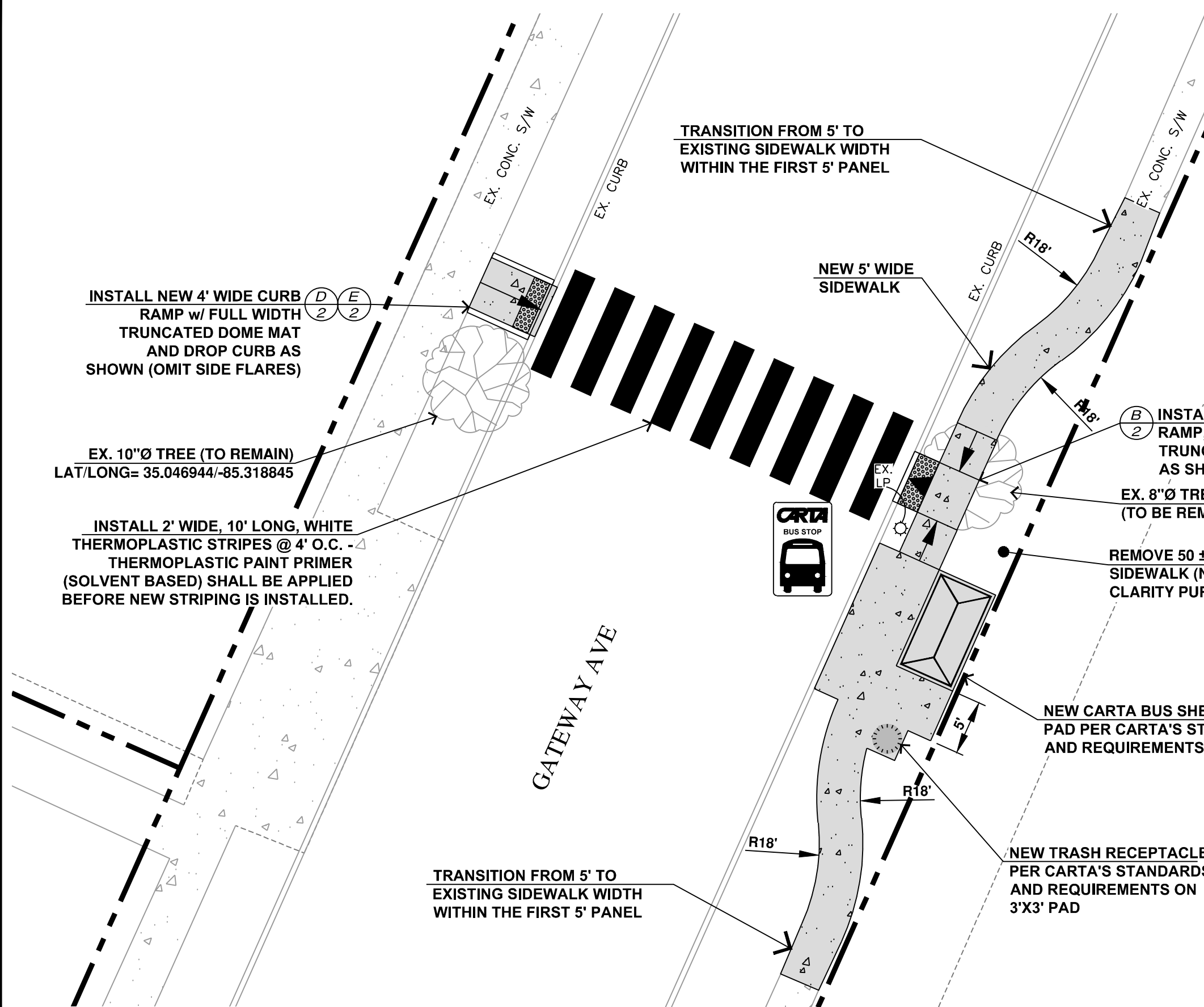
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CONTRACT#	
SCALE:	1" = 10'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 6



VICINITY MAP, N.T.S.



INSTALL NEW 4' WIDE CURB RAMP w/ FULL WIDTH TRUNCATED DOME MAT AND DROP CURB AS SHOWN (OMIT SIDE FLARES)



EX. 10"Ø TREE (TO REMAIN)
LAT/LONG= 35.046944/-85.318845

INSTALL 2' WIDE, 10' LONG, WHITE THERMOPLASTIC STRIPES @ 4' O.C. - THERMOPLASTIC PAINT PRIMER (SOLVENT BASED) SHALL BE APPLIED BEFORE NEW STRIPING IS INSTALLED.

TRANSITION FROM 5' TO EXISTING SIDEWALK WIDTH WITHIN THE FIRST 5' PANEL

NEW 5' WIDE SIDEWALK

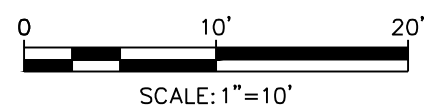
INSTALL NEW SIDEWALK, RAMP, AND FULL WIDTH TRUNCATED DOME MAT AS SHOWN

EX. 8"Ø TREE (TO BE REMOVED)

REMOVE 50 ± LF OF EX. CONC. SIDEWALK (NOT SHOWN FOR CLARITY PURPOSES)

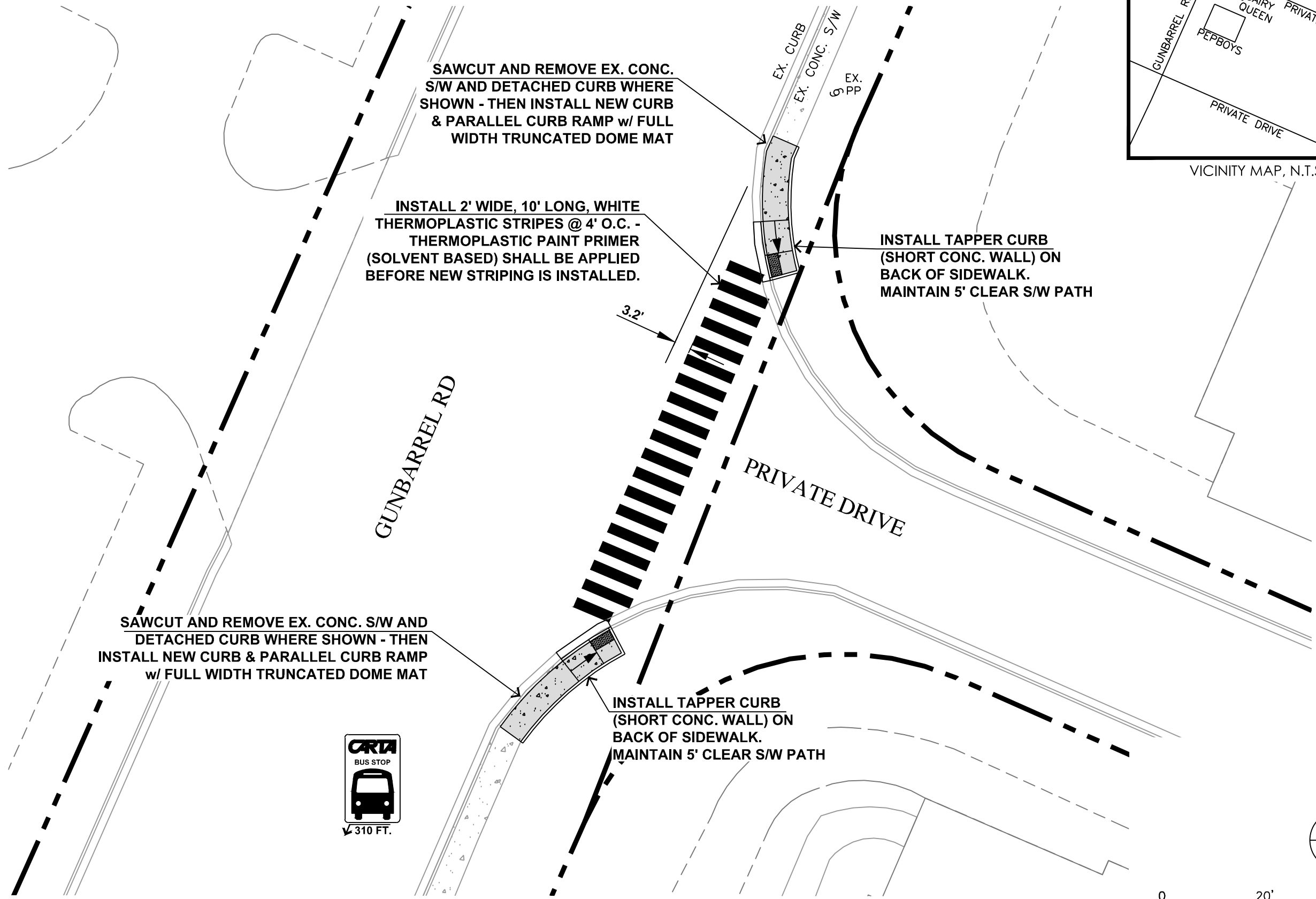
NEW CARTA BUS SHELTER & PAD PER CARTA'S STANDARDS AND REQUIREMENTS

NEW TRASH RECEPTACLE PER CARTA'S STANDARDS AND REQUIREMENTS ON 3'X3' PAD



GATEWAY AVE./J.C. TOWER (STOP ID=754)

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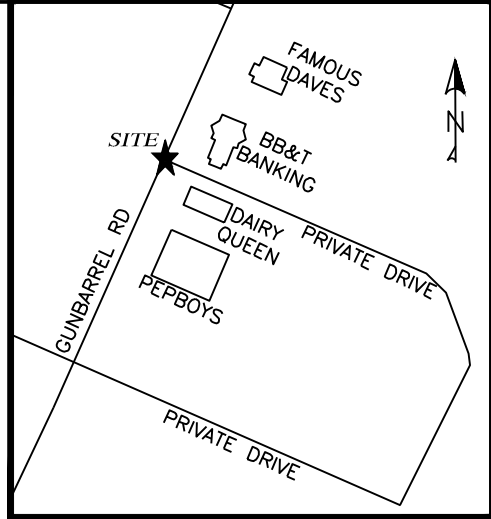
SAWCUT AND REMOVE EX. CONC. S/W AND DETACHED CURB WHERE SHOWN - THEN INSTALL NEW CURB & PARALLEL CURB RAMP w/ FULL WIDTH TRUNCATED DOME MAT

INSTALL 2' WIDE, 10' LONG, WHITE THERMOPLASTIC STRIPES @ 4' O.C. - THERMOPLASTIC PAINT PRIMER (SOLVENT BASED) SHALL BE APPLIED BEFORE NEW STRIPING IS INSTALLED.

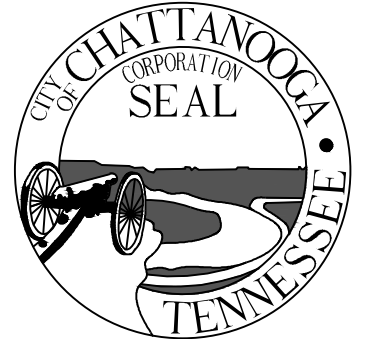
INSTALL TAPPER CURB (SHORT CONC. WALL) ON BACK OF SIDEWALK. MAINTAIN 5' CLEAR S/W PATH

SAWCUT AND REMOVE EX. CONC. S/W AND DETACHED CURB WHERE SHOWN - THEN INSTALL NEW CURB & PARALLEL CURB RAMP w/ FULL WIDTH TRUNCATED DOME MAT

INSTALL TAPPER CURB (SHORT CONC. WALL) ON BACK OF SIDEWALK. MAINTAIN 5' CLEAR S/W PATH



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

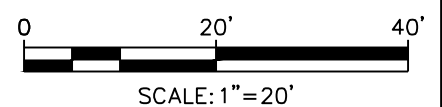
#	DATE	REVISIONS	SIG.
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DESIGN:	CHATT.
CHECKED:	CHATT.

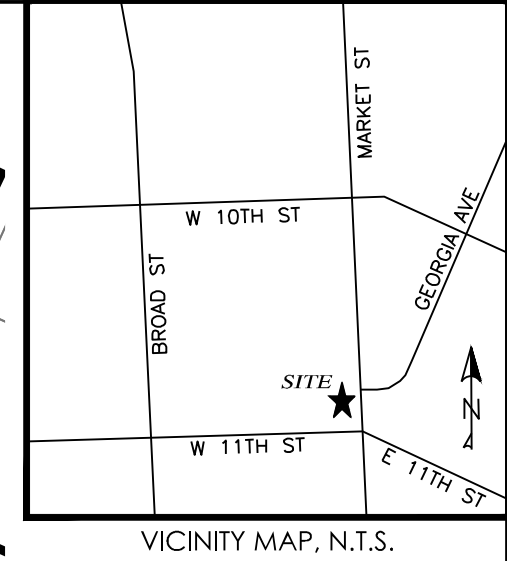
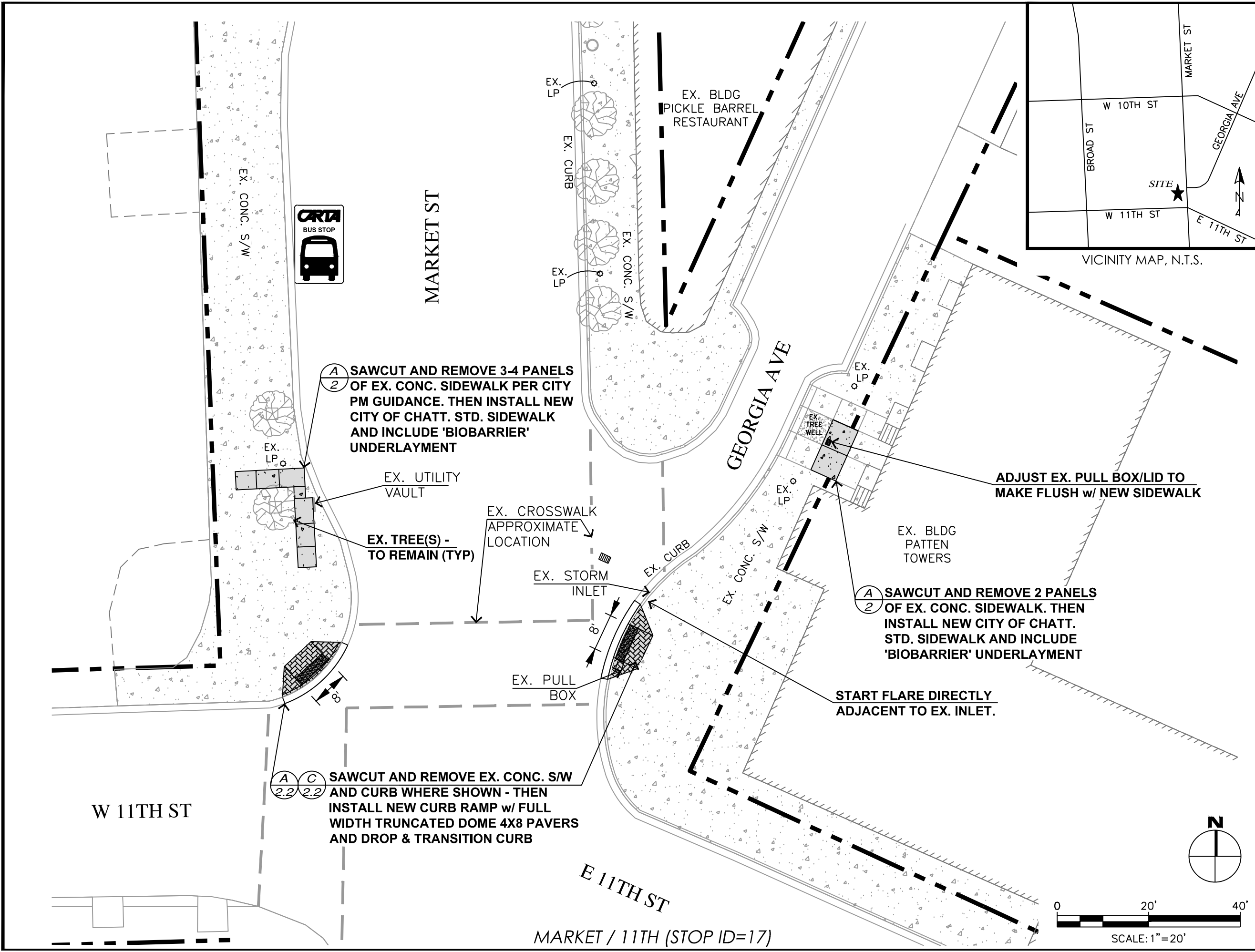
SITE PLAN

SHEET: 7

HAMILTON PLACE/GUNBARREL (STOP ID=923)



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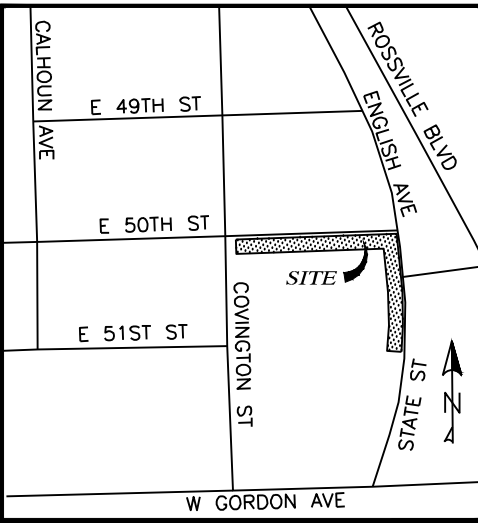
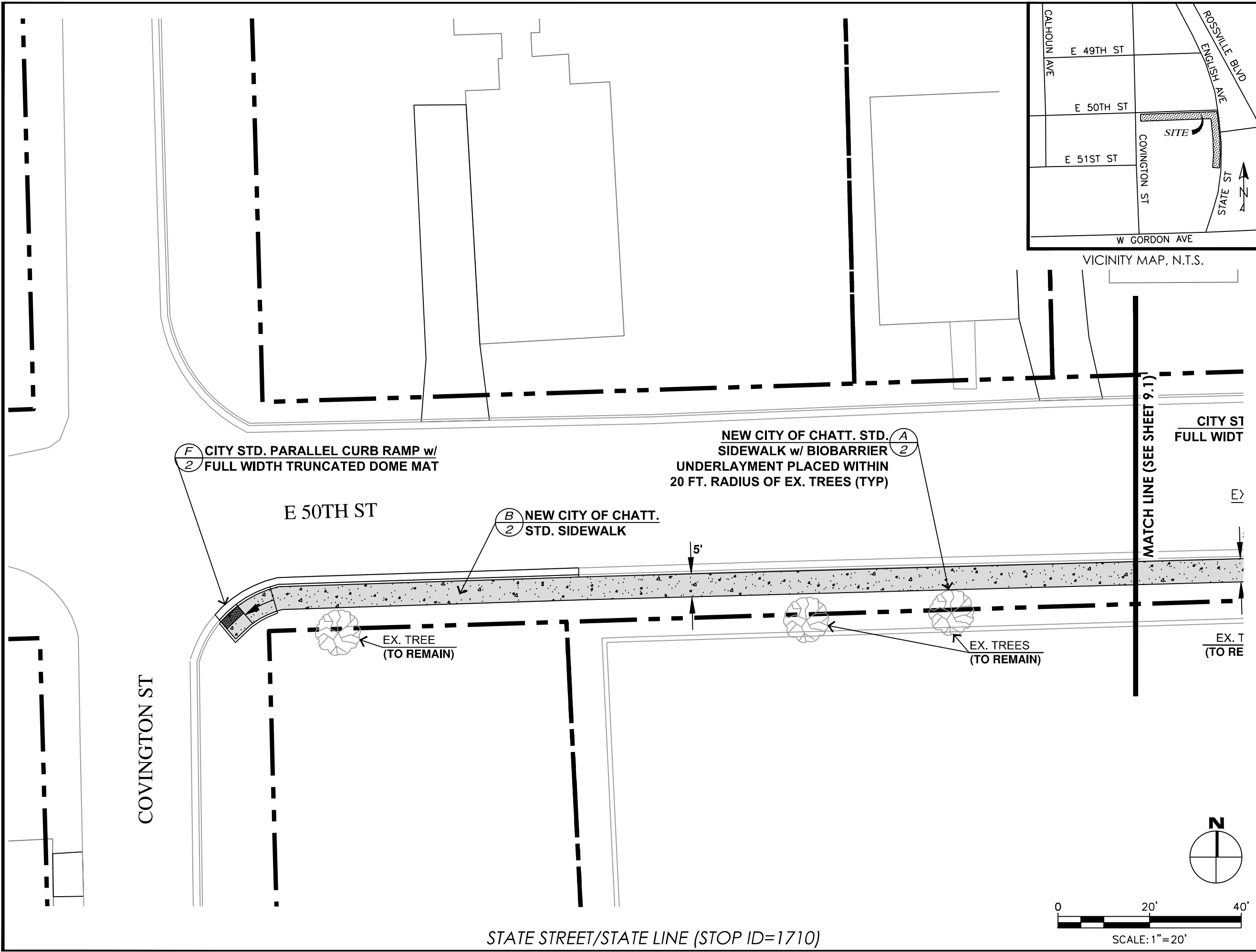
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH/GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN



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CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 9

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CITY OF CHATTANOOGA
 CORPORATION SEAL
 DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
 BLYTHE BAILEY

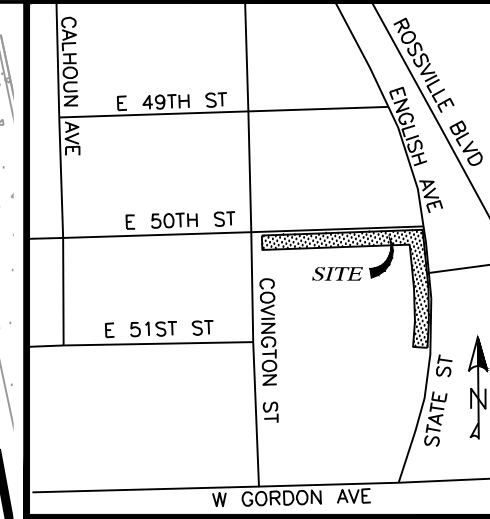
CITY TRANSPORTATION ENGINEER:
 MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
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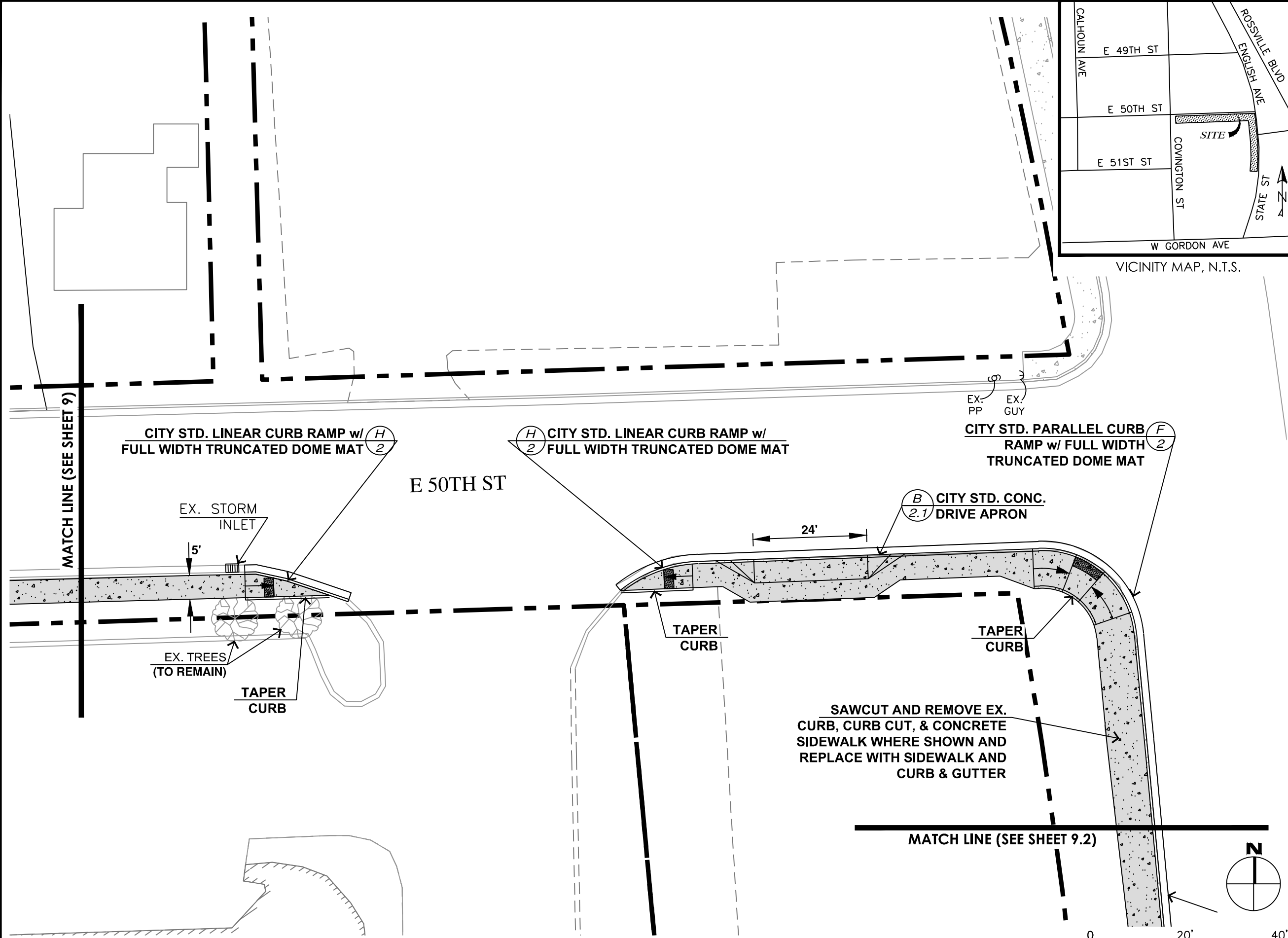
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SITE PLAN

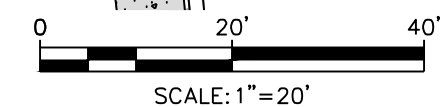
SHEET: 9.1



VICINITY MAP, N.T.S.



STATE STREET/STATE LINE (STOP ID=1710)



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MATCH LINE (SEE SHEET 9.1)

NEW TRASH RECEPTACLE
PER CARTA'S STANDARDS
AND REQUIREMENTS ON
3'X3' PAD

MATCH LINE (SEE SHEET 9.3)

EX. GUY
EX. PP

EX. CONC. S/W

STATE ST

B
2.1 CITY STD. CONC.
DRIVE APRON

18'

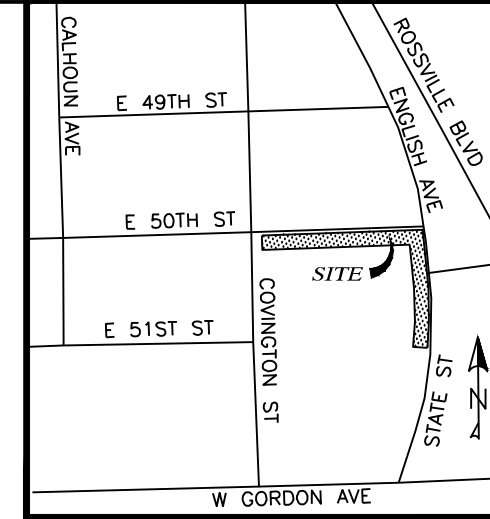
8.5'

EX. PP

5'

SAWCUT AND REMOVE EX.
CURB, CURB CUT, & CONCRETE
SIDEWALK WHERE SHOWN AND
REPLACE WITH SIDEWALK AND
CURB & GUTTER

NEW CARTA BUS SHELTER & PAD PER CARTA'S
STANDARDS AND REQUIREMENTS



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT
OF
TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE: 3/25/2019

CONTRACT#

SCALE: 1" = 20'

DRAWN: GMH

DESIGN: CHATT.

CHECKED: CHATT.



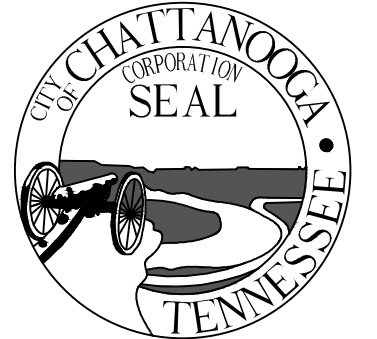
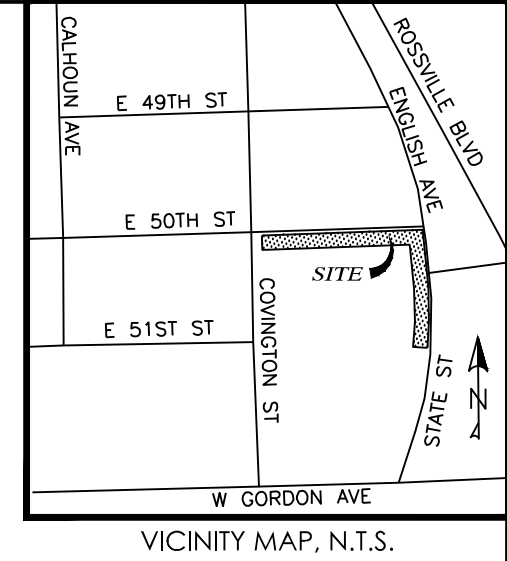
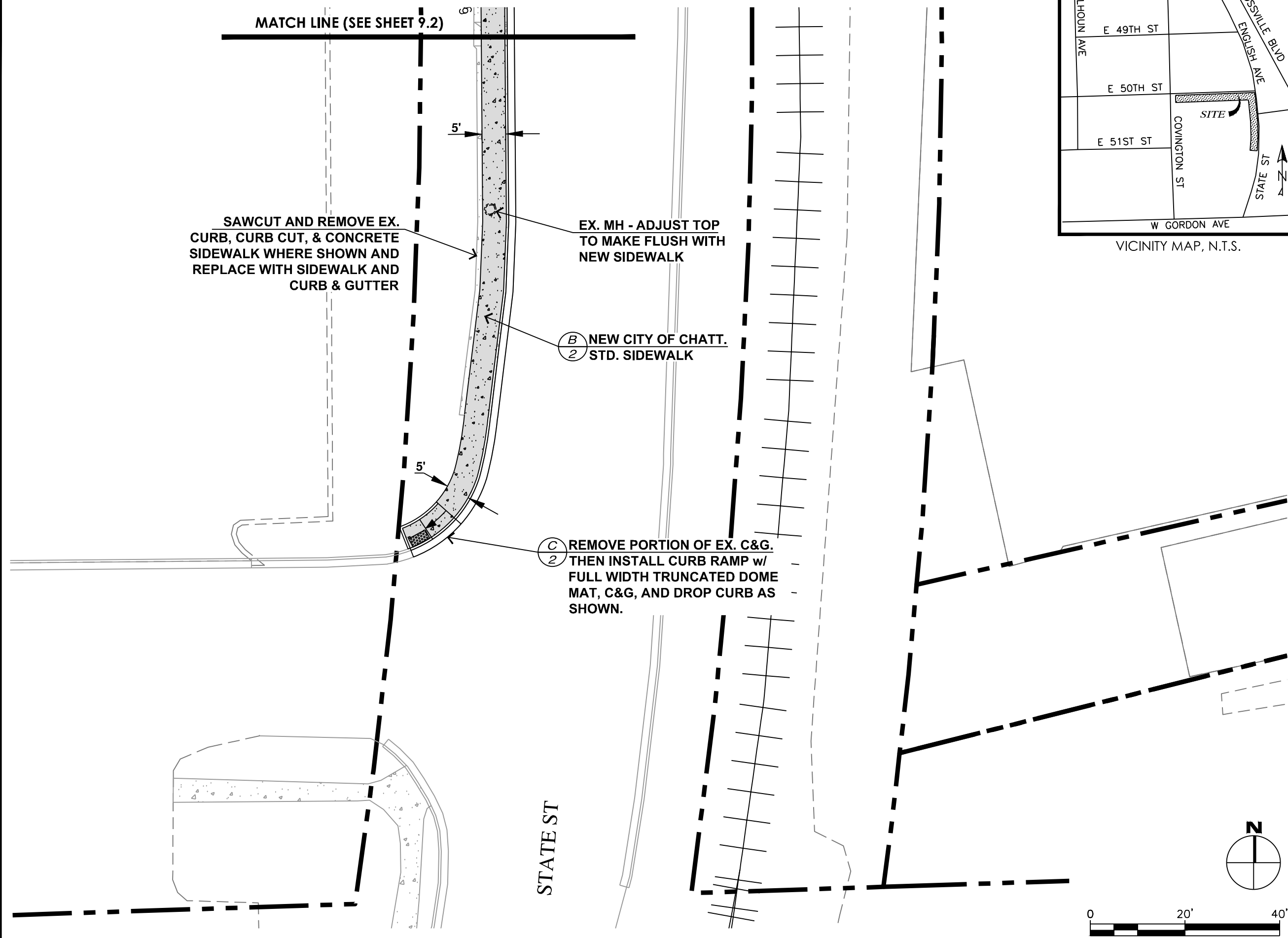
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STATE STREET/STATE LINE (STOP ID=1710)

SITE
PLAN

SHEET: 9.2

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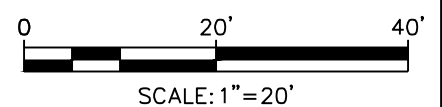
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

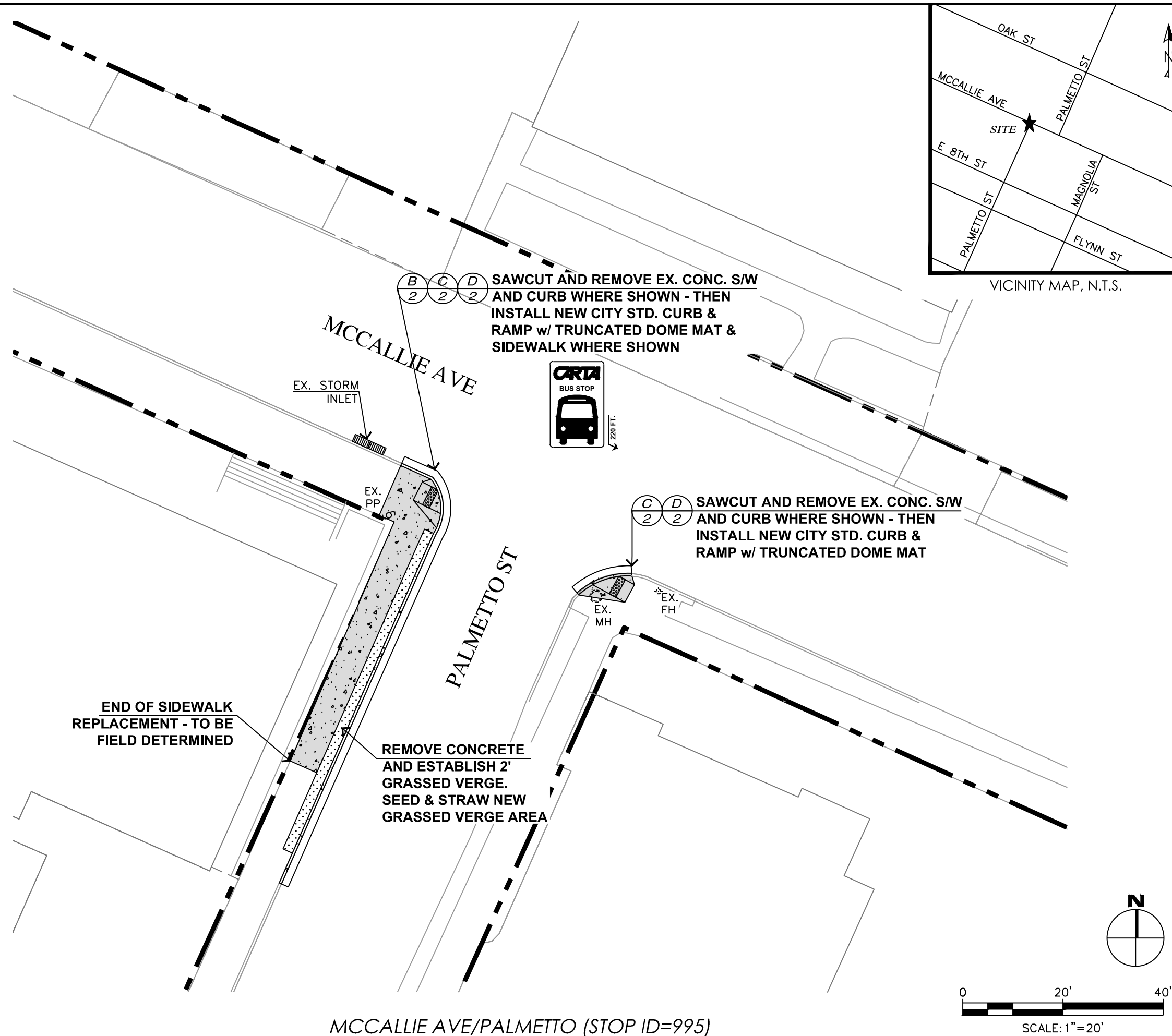


STATE STREET/STATE LINE (STOP ID=1710)

SITE PLAN

SHEET: 9.3

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop_Access.dwg Tab: (10) Mar 26, 2019 - 10:19am, ghurst



MCCALLIE AVE/PALMETTO (STOP ID=995)



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

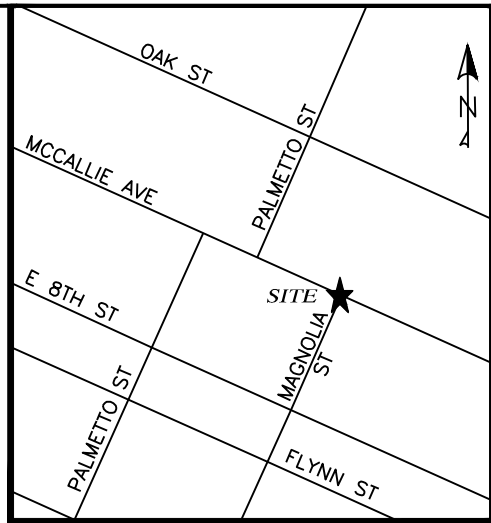
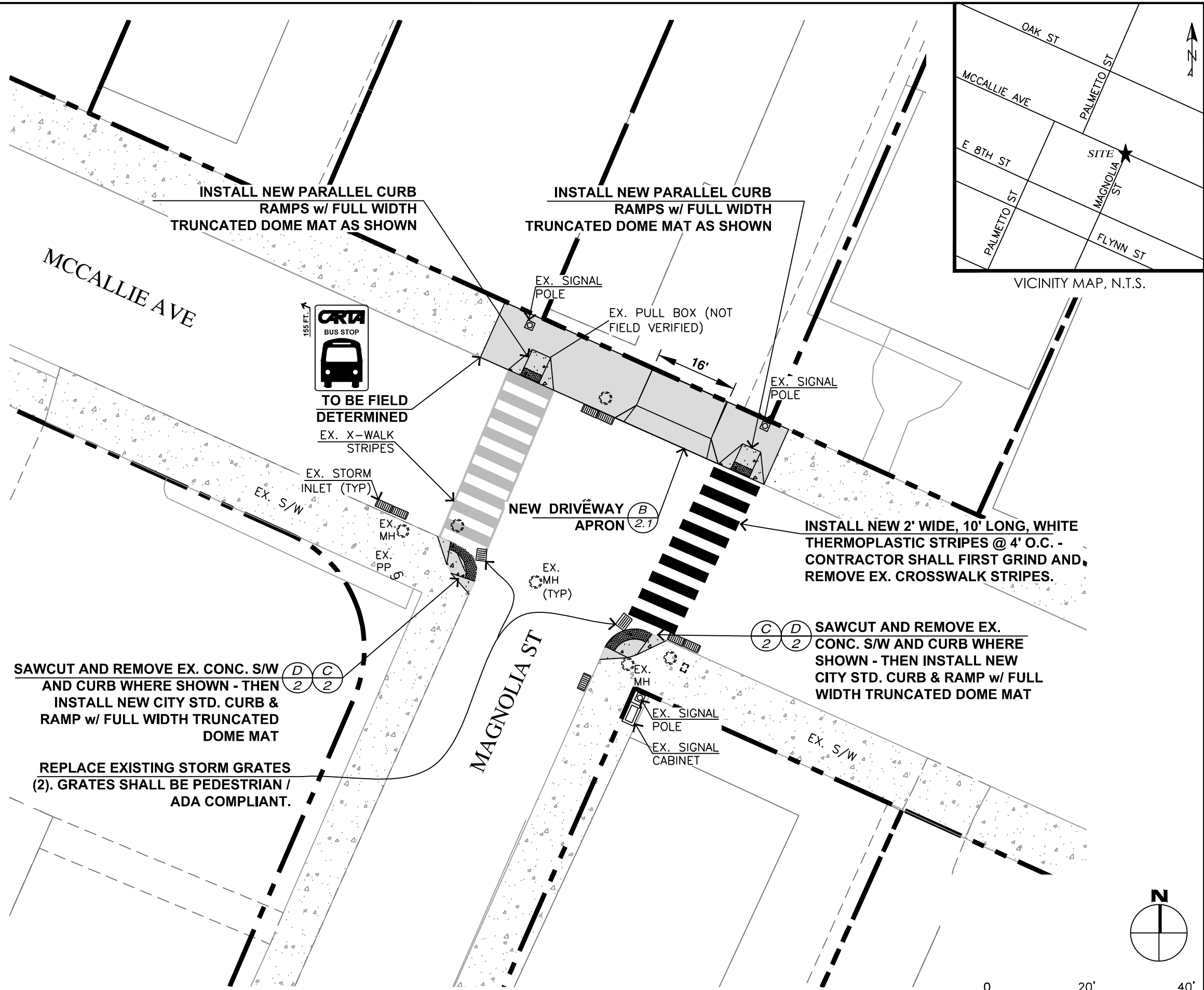
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
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CHECKED:	CHATT.

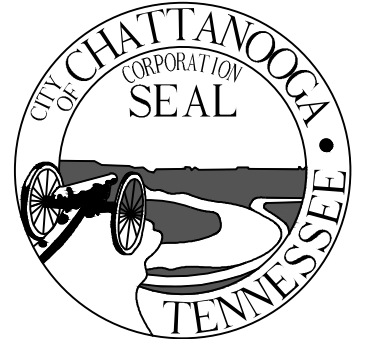
SITE PLAN

SHEET: 10

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Stop.Access.dwg Tab: (11) Mar 26, 2019 - 10:20am, ghurst



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

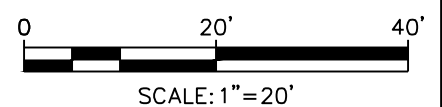
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1			

DATE:	3/25/2019
CONTRACT#	
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CHECKED:	CHATT.

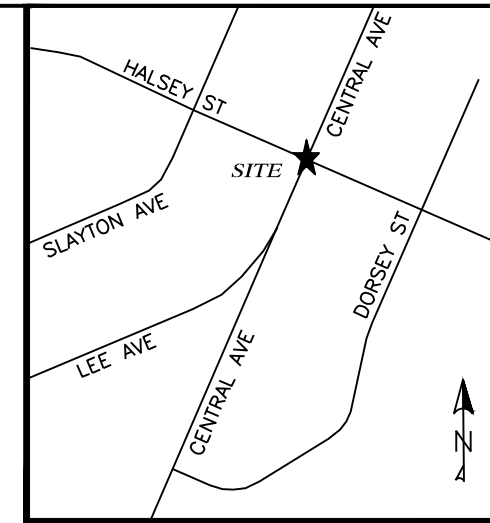
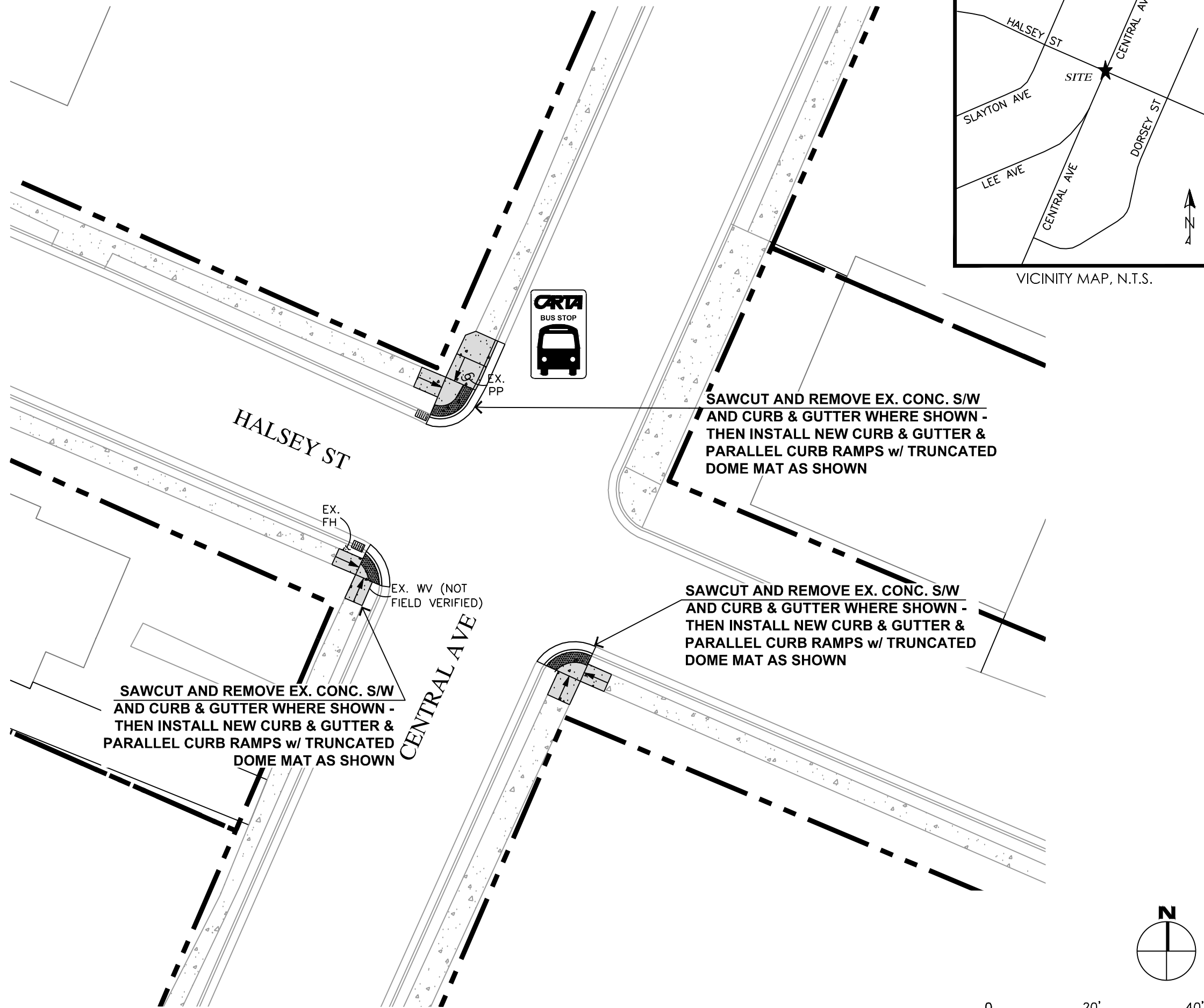
SITE PLAN

SHEET: 11

MCCALLIE AVE/PALMETTO (STOP ID=995)



c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (12) Mar 26, 2019 - 10:20am, ghurst



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

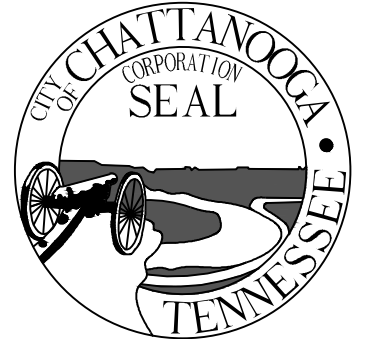
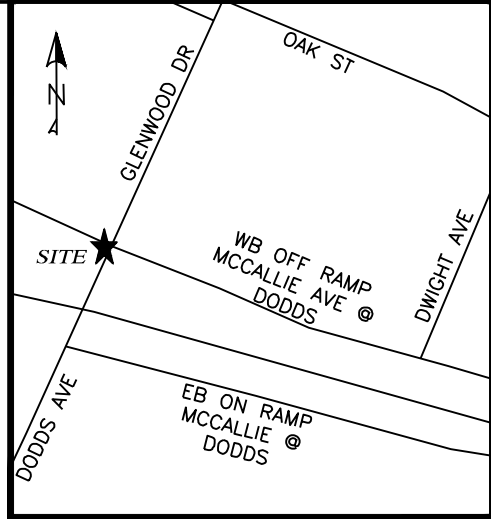
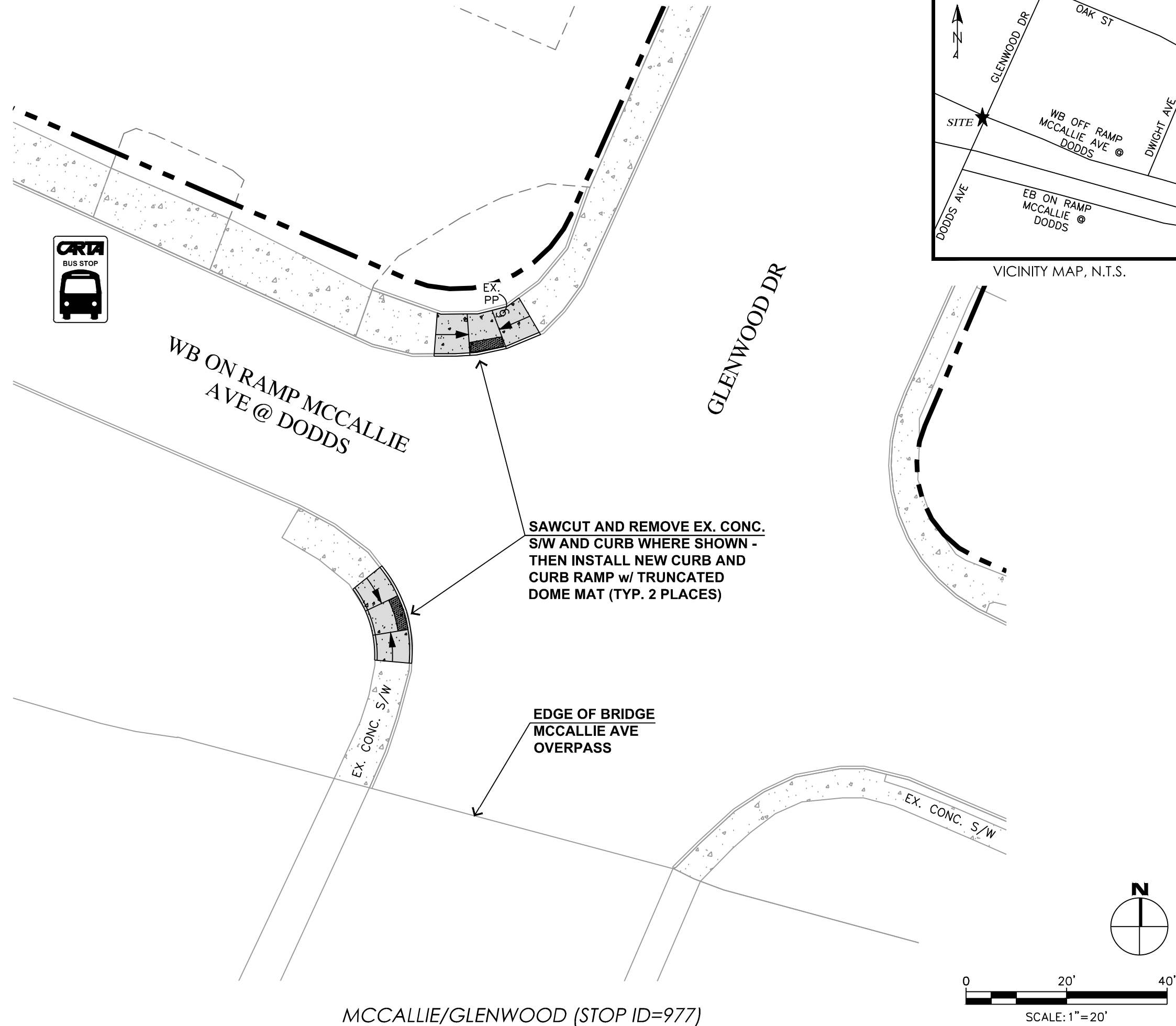
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

HALSEY/CENTRAL (STOP ID=95)

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (13) Mar 26, 2019 - 10:20am, ghurst



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

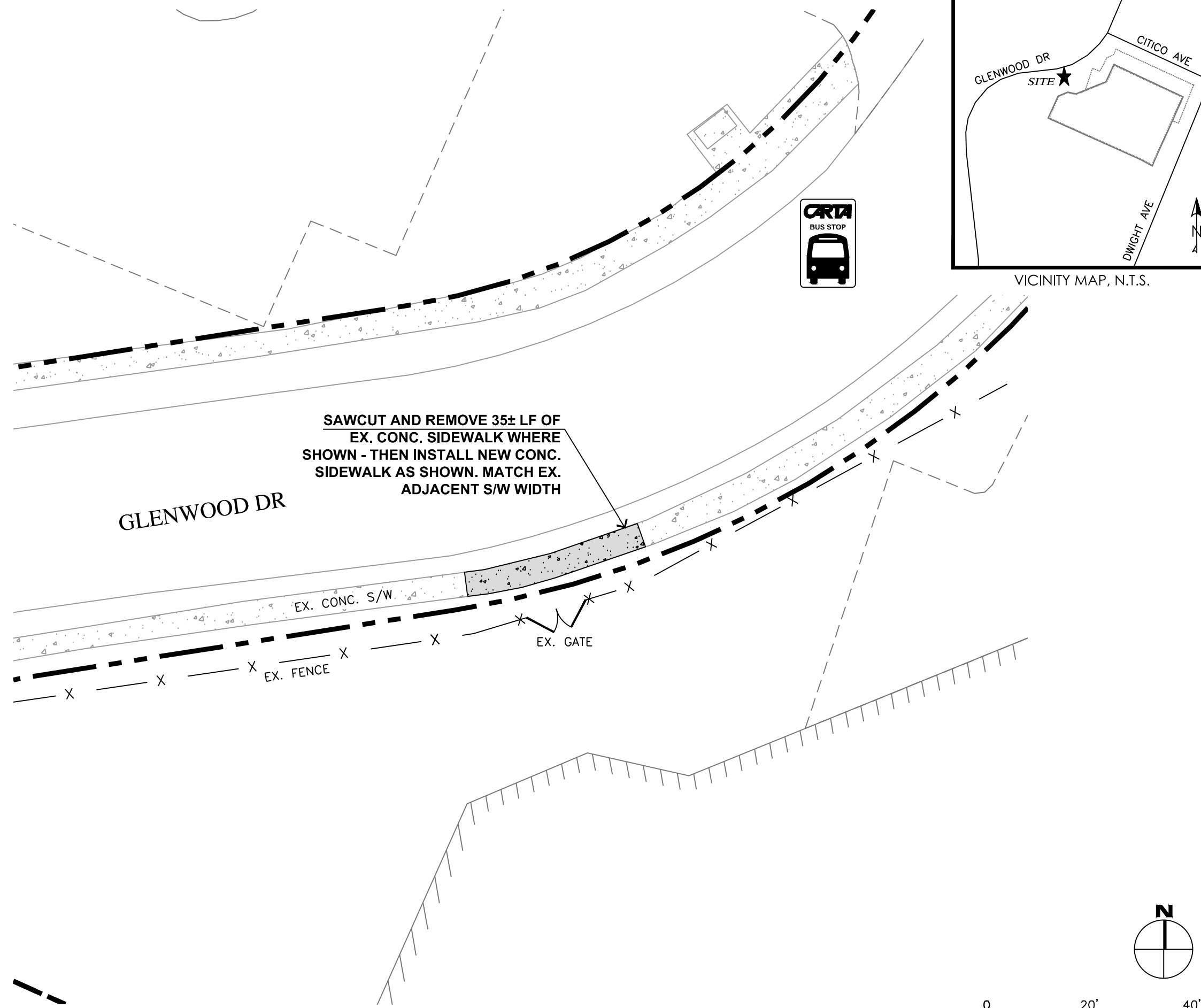
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CONTRACT#	
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DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 13

MCCALLIE/GLENWOOD (STOP ID=977)

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (14) Mar 26, 2019 - 10:20am, ghurst



GLENWOOD/CITICO (STOP ID=1593)



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

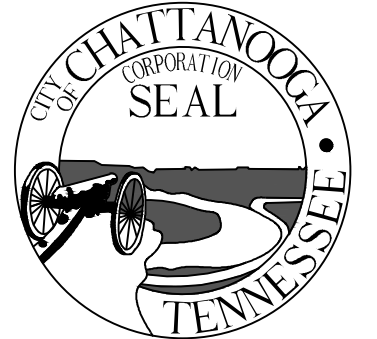
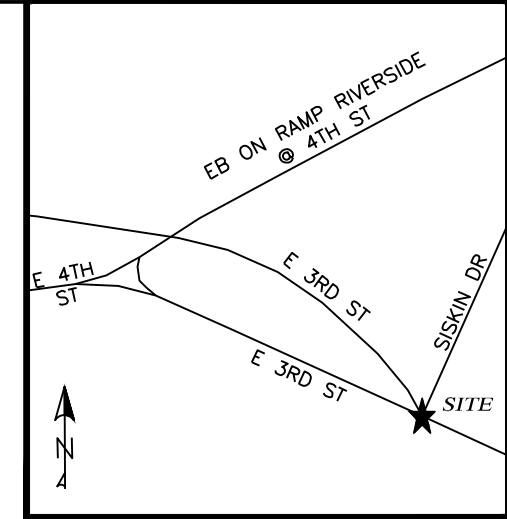
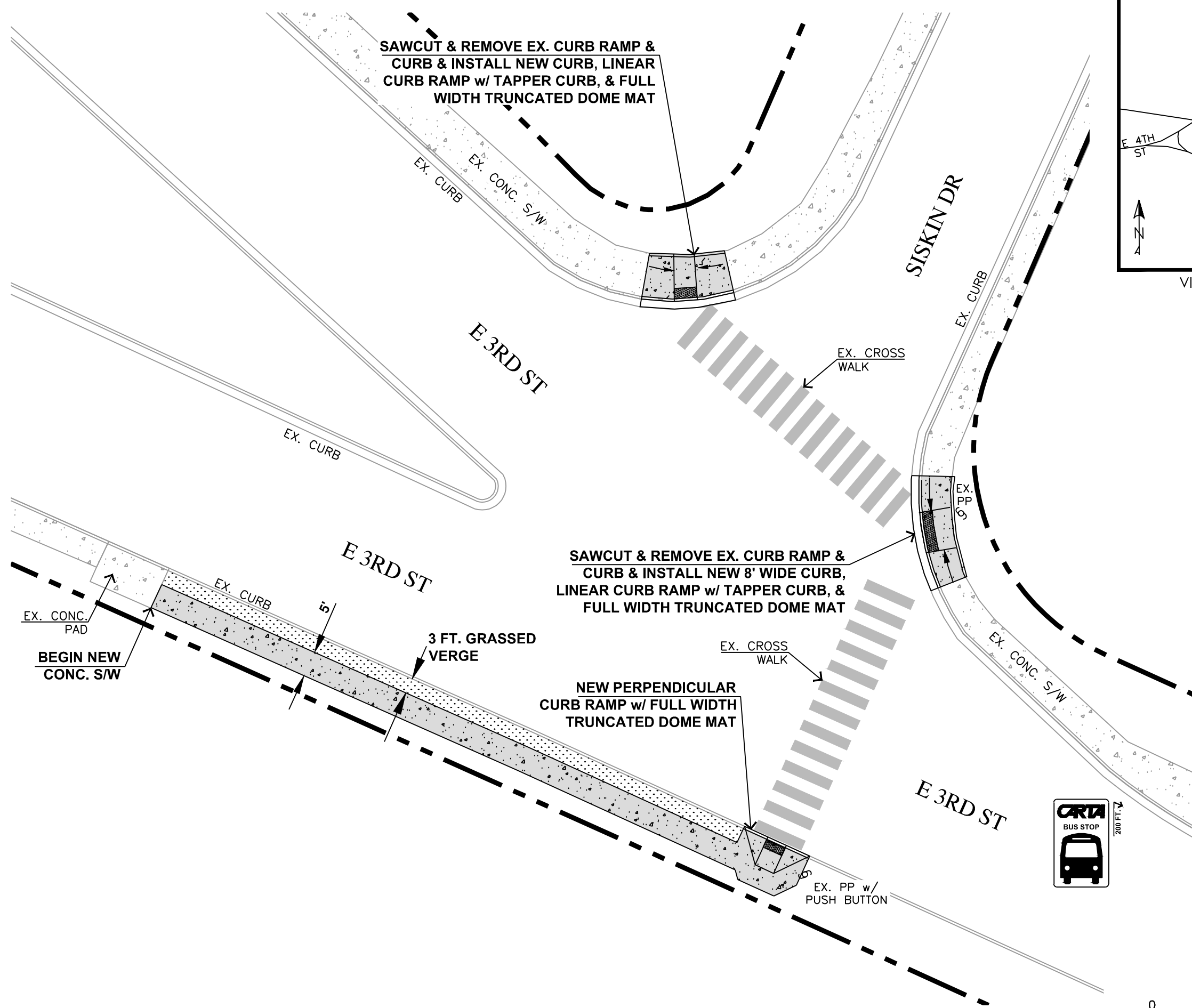
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 14

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (15) Mar 26, 2019 - 10:20am, ghurst



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

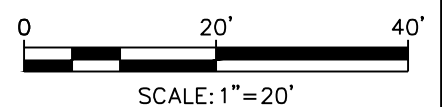
#	DATE	REVISIONS	SIG.
1			

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CONTRACT#	
SCALE:	1" = 20'
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CHECKED:	CHATT.

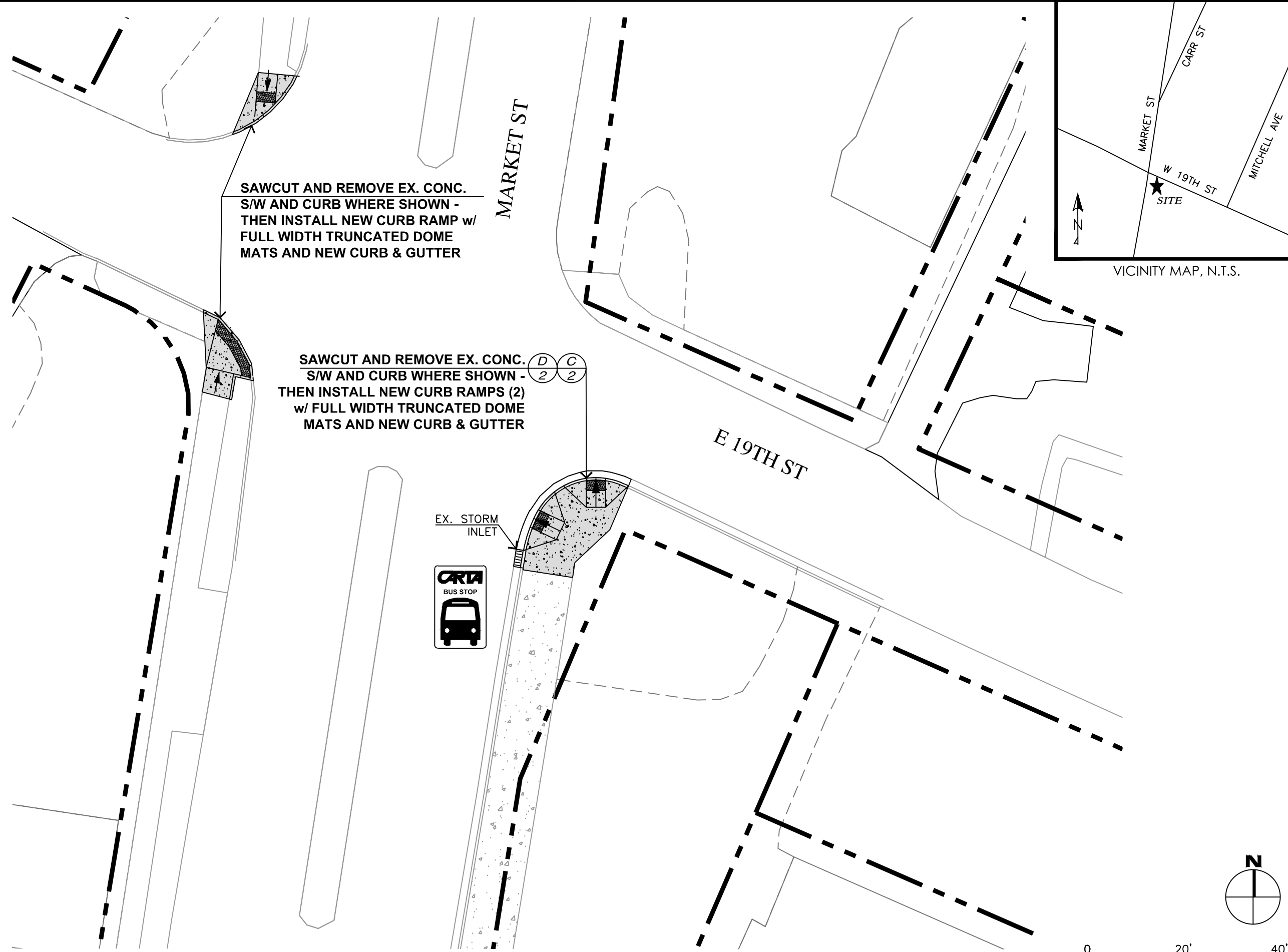
SITE PLAN

SHEET: 15

3RD/CSAS (STOP ID=281)



c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (16) Mar 26, 2019 - 10:20am, ghurst



MARKET/19TH (STOP ID=138)



CITY OF CHATTANOOGA
 DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
 BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
 MARK HEINZER, P.E.

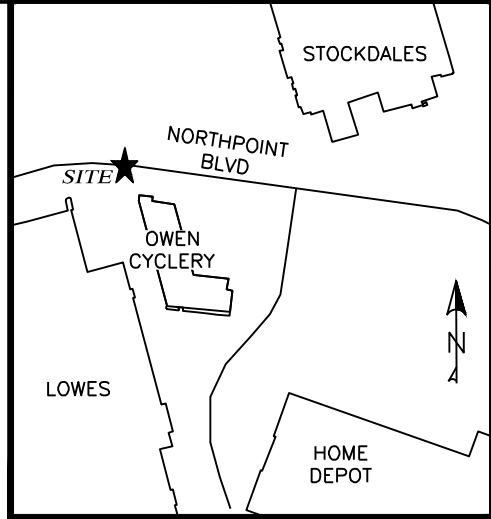
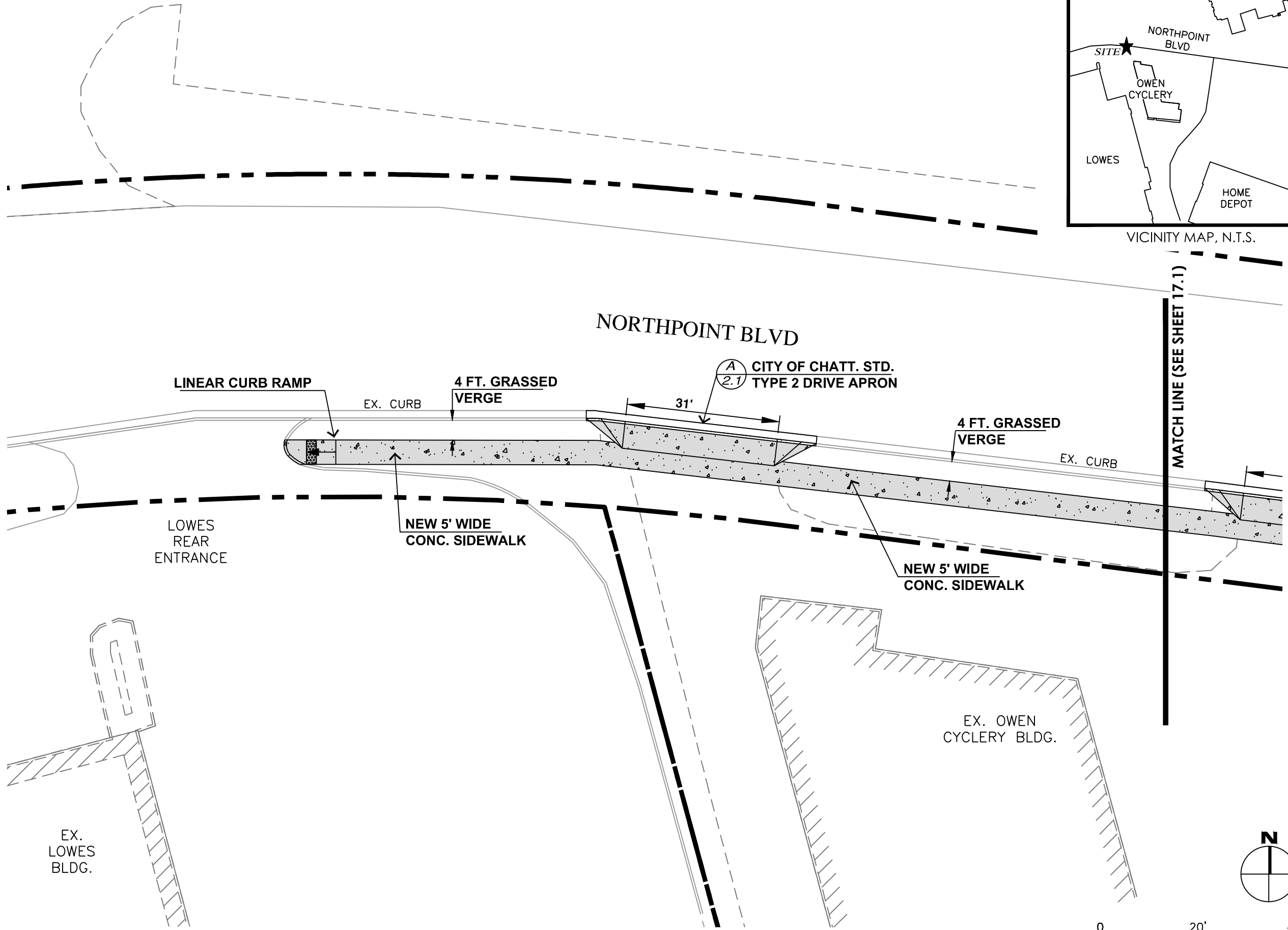
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

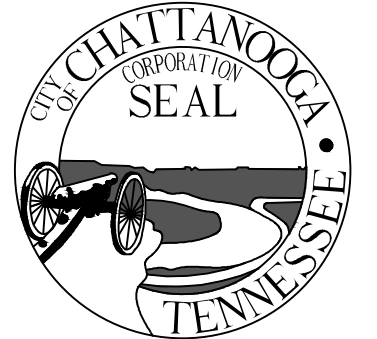
SITE PLAN

SHEET: 16

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop_Access.dwg Tab: (17) Mar 26, 2019 - 10:20am, ghurst



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

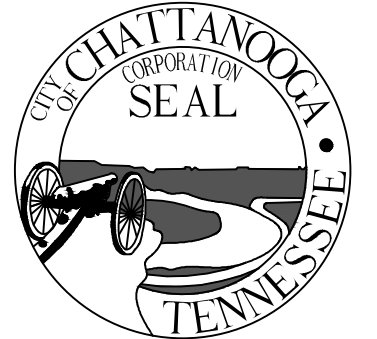
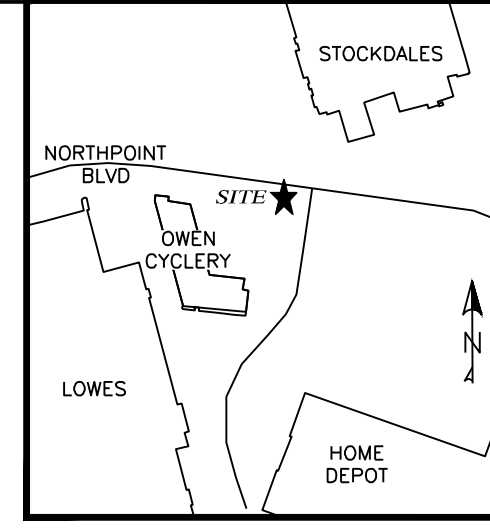
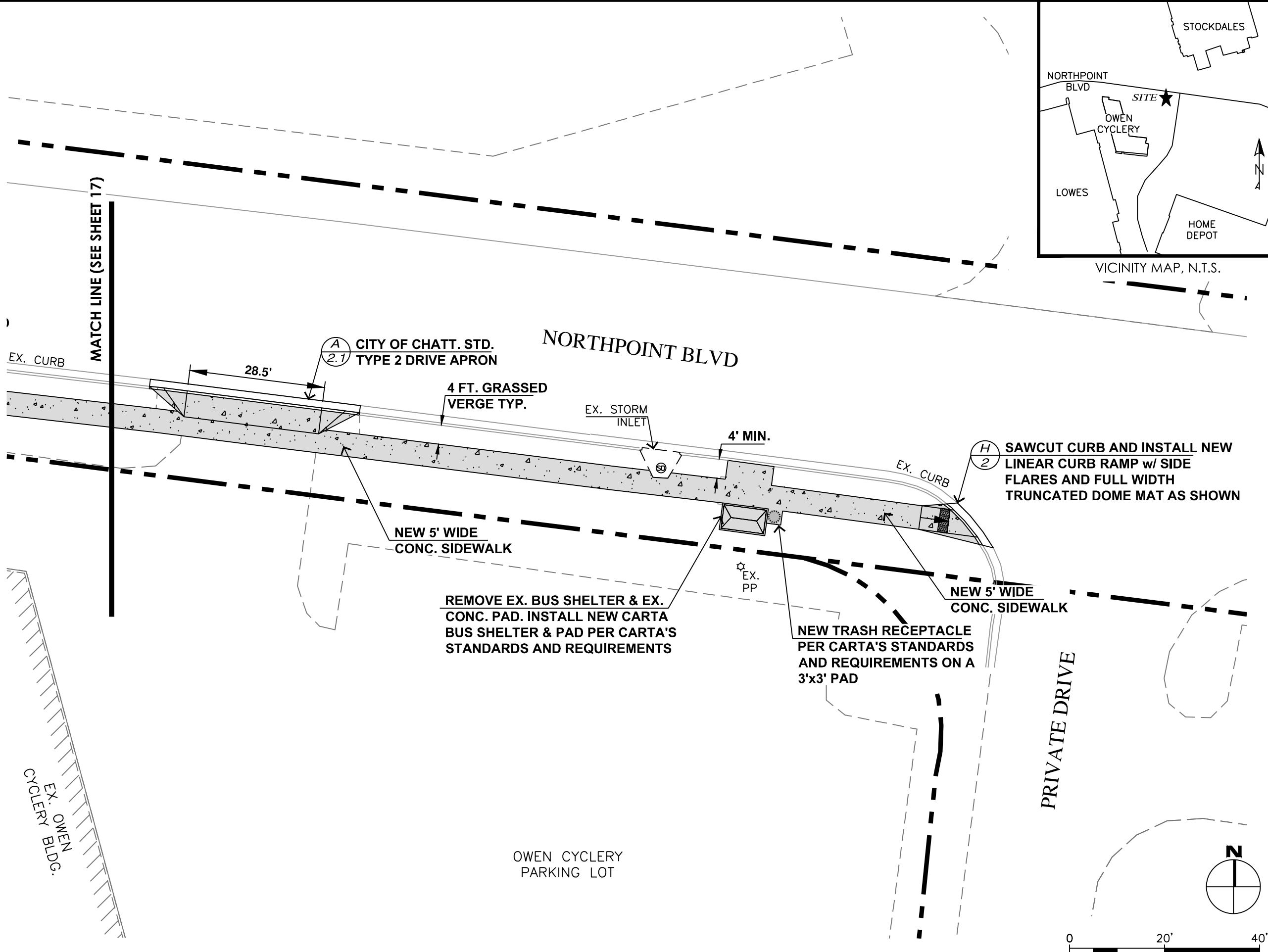
DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 17

N POINT BLVD/OWEN CYC (STOP ID=562)

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (17.1) Mar 26, 2019 - 10:20am, ghurst



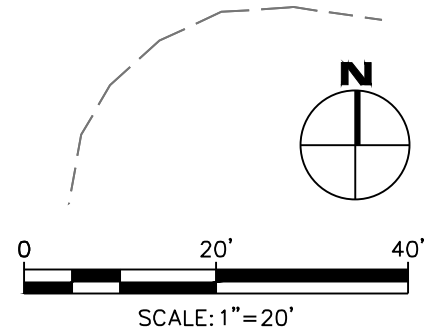
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

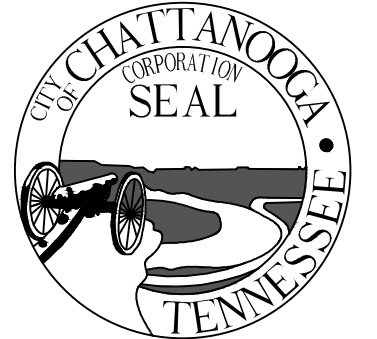
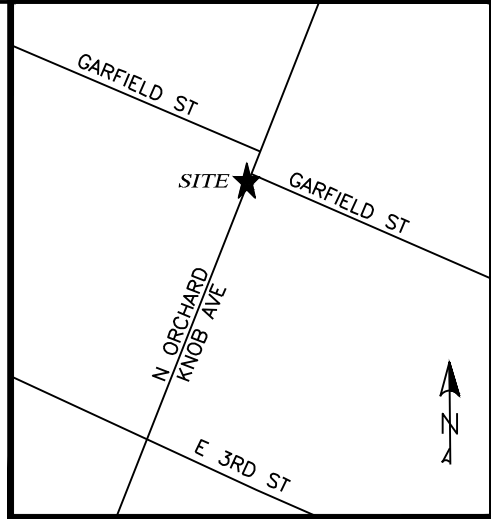


N POINT BLVD/OWEN CYC (STOP ID=562)

SITE PLAN

SHEET: 17.1

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

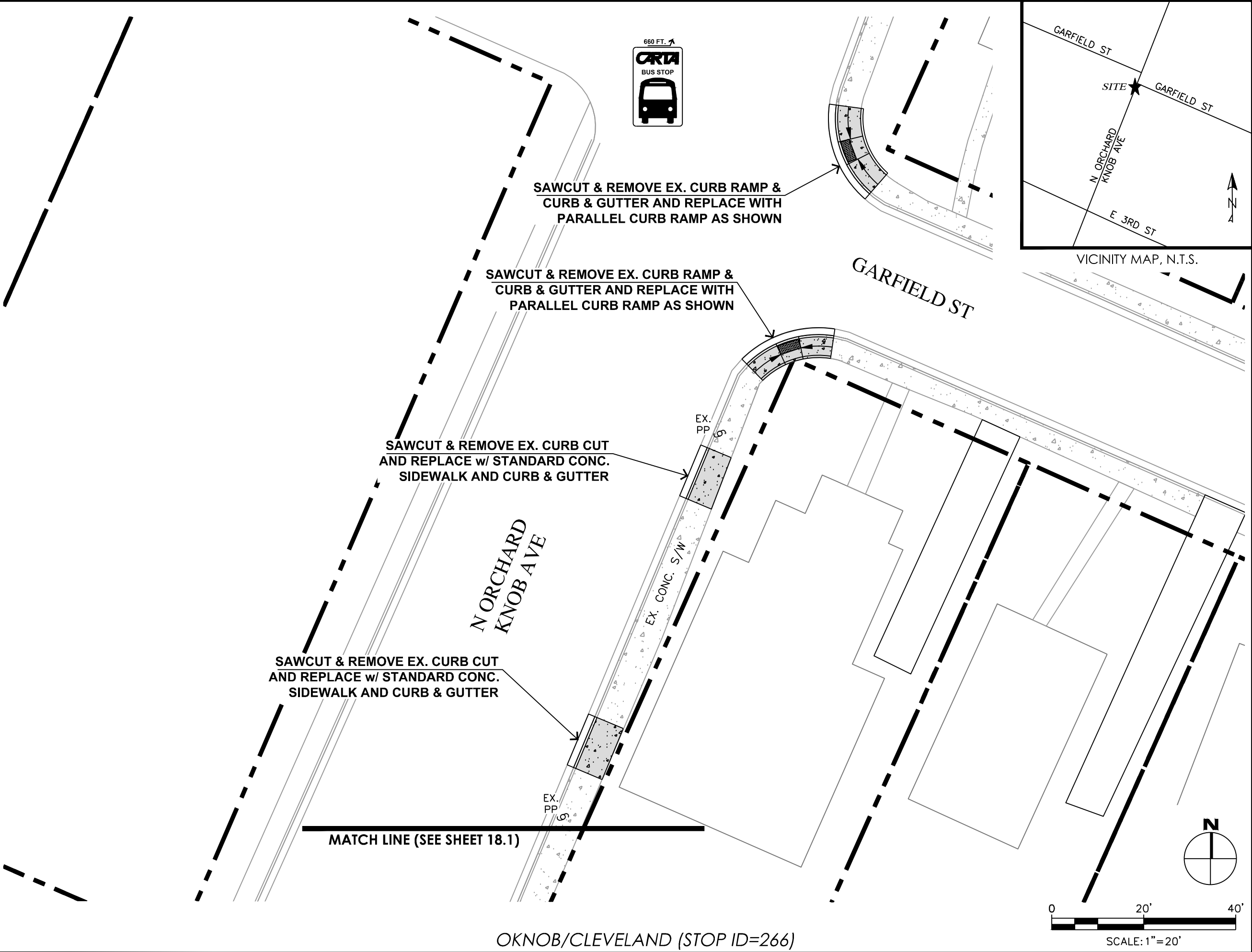
ADMINISTRATOR:
BLYTHE BAILEY
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

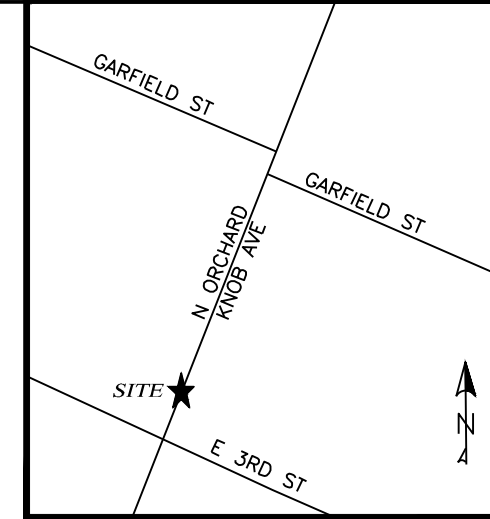
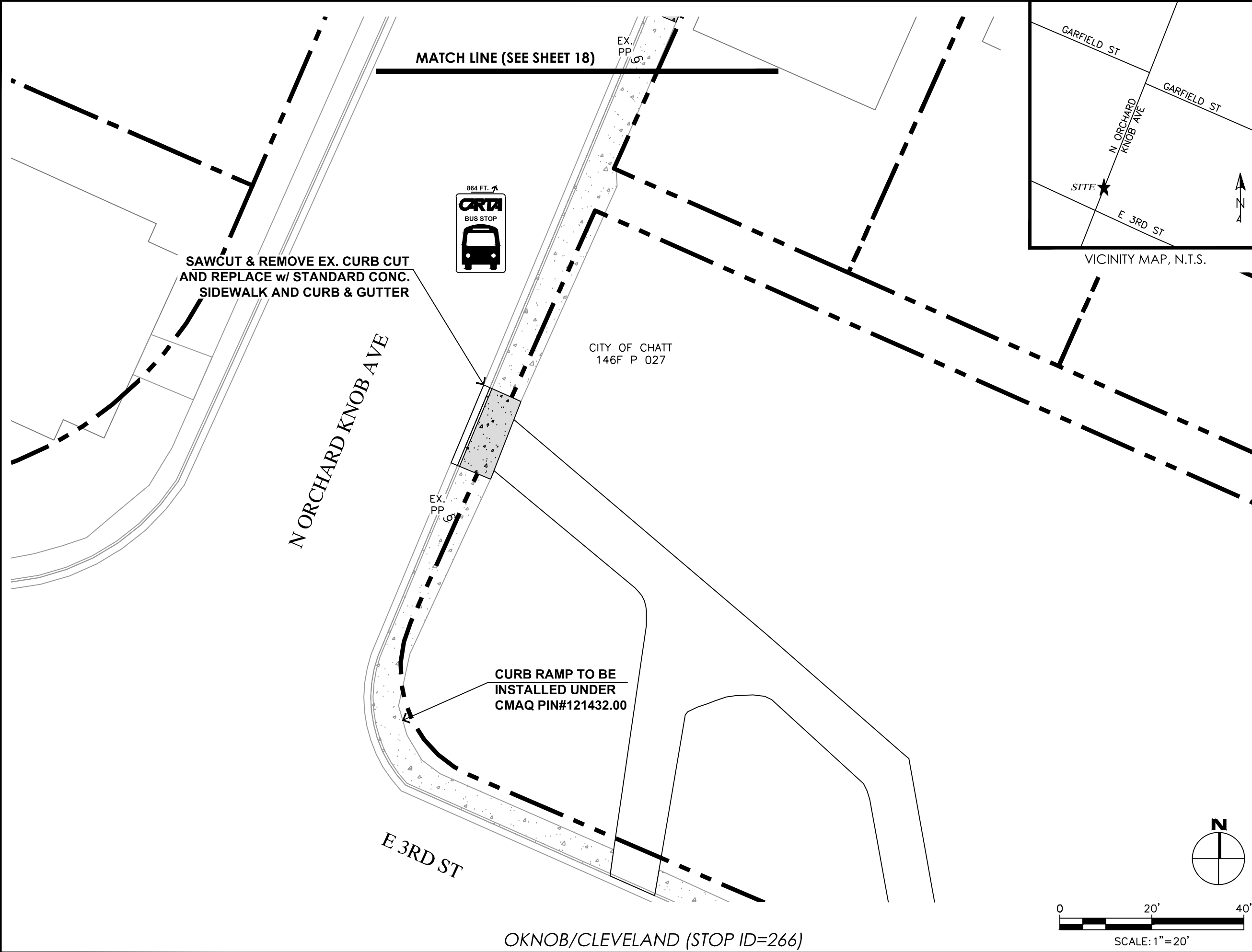
DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 18



c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_DESIGN_Transit_Stop.Access.dwg Tab: (18.1) Mar 26, 2019 - 10:20am, ghurst



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

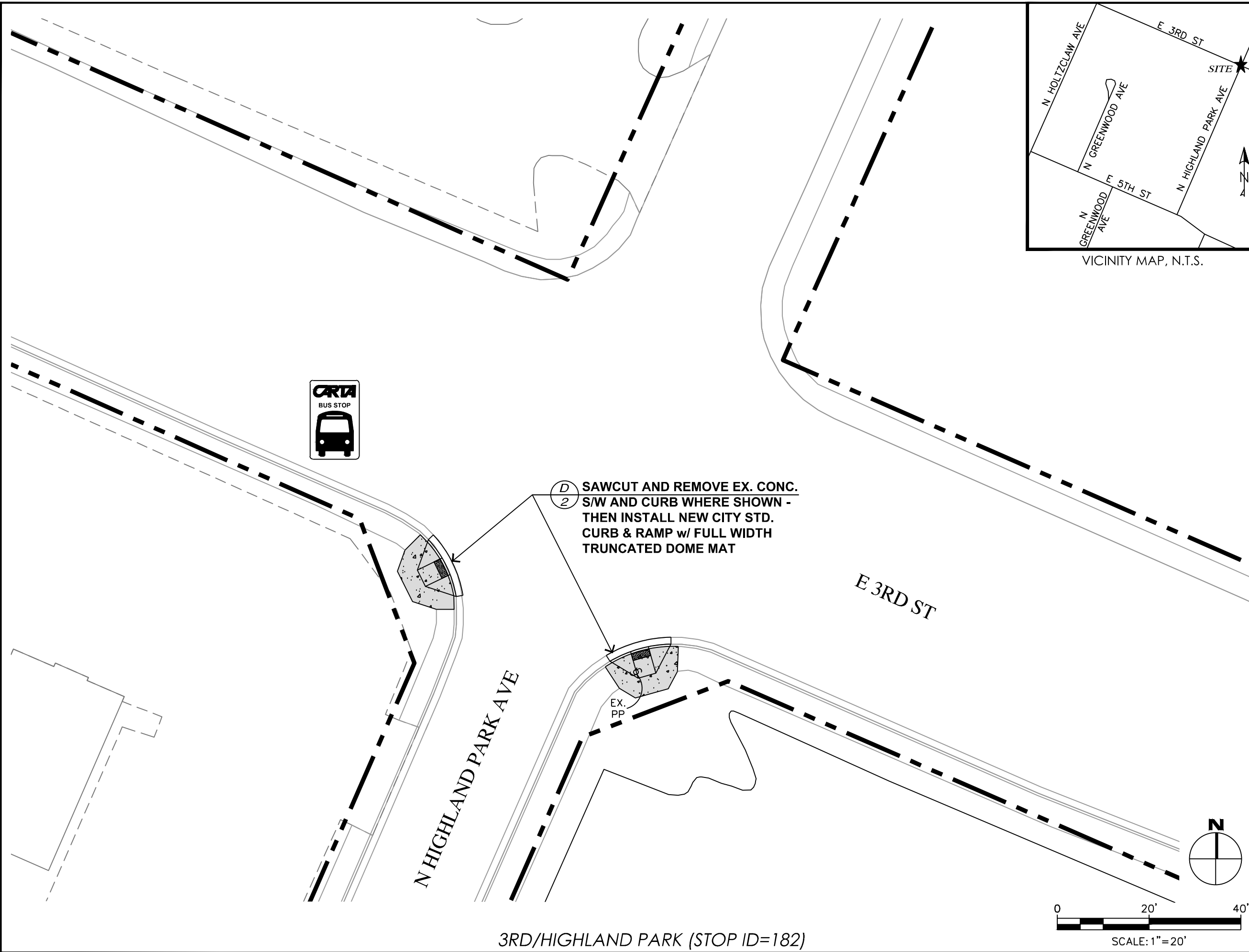
DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 18.1

OKNOB/CLEVELAND (STOP ID=266)

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (19) Mar 26, 2019 - 10:20am, ghurst



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

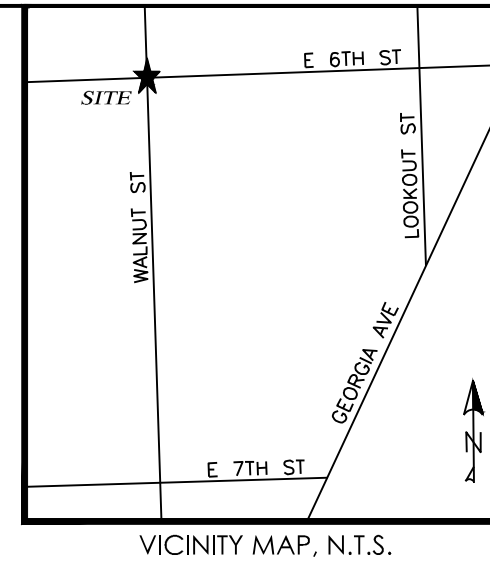
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

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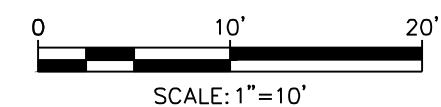
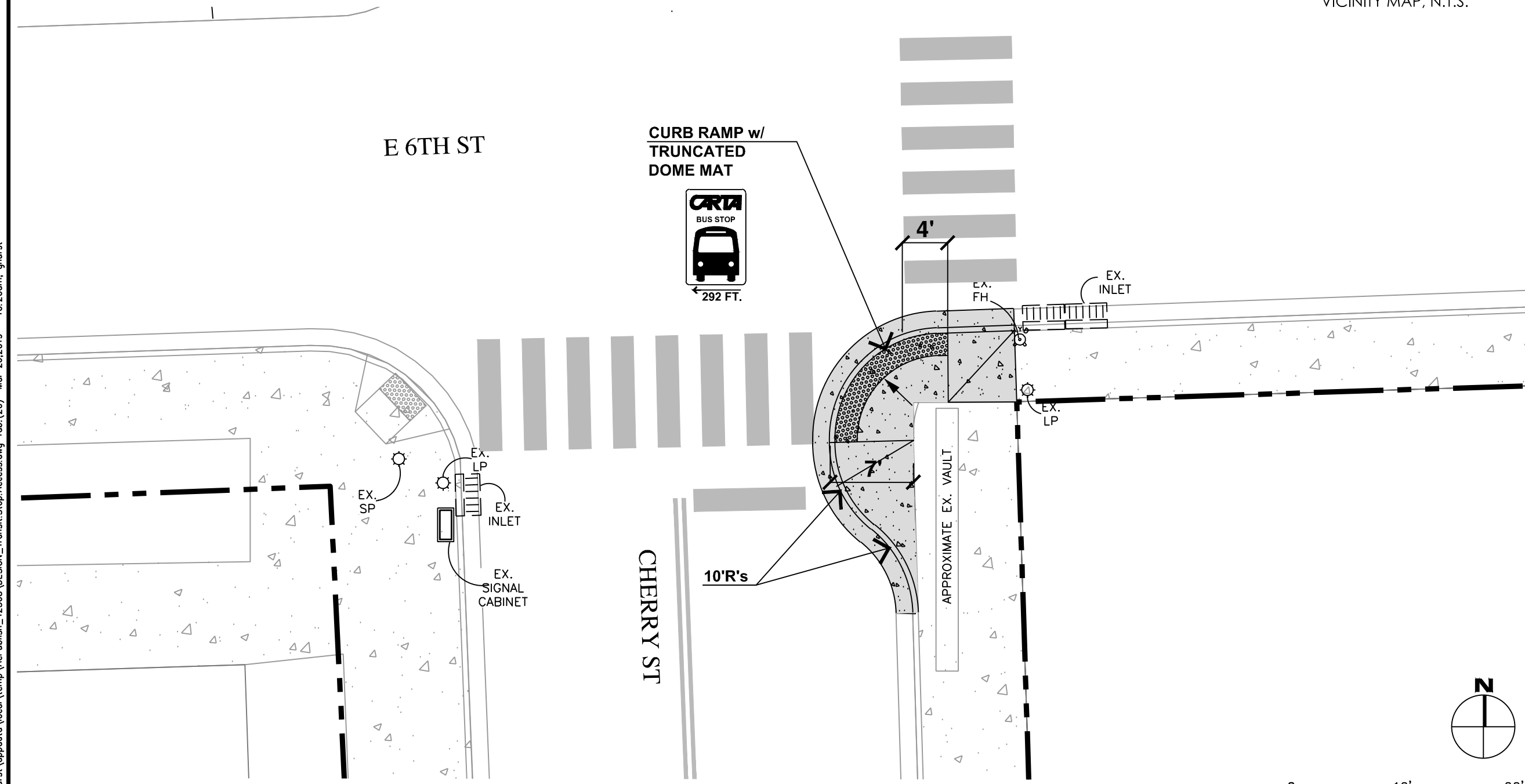
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

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CONTRACT#	
SCALE:	1" = 10'
DRAWN:	JDH/GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

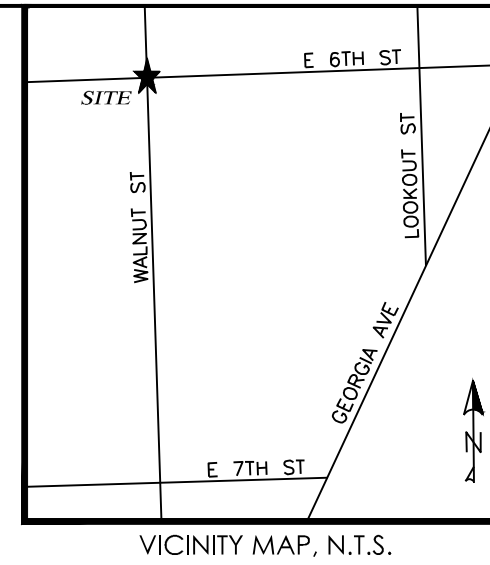


MARKET/6TH - COURTS B (STOP ID=1589)

SITE PLAN

SHEET: 20

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop_Access.dwg Tab: (20.1) Mar 26, 2019 - 10:20am, ghurst



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 10'
DRAWN:	JDH/GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

6TH STREET



MOVE EXISTING TRASH CAN & SIGNS TO THIS AREA

CURB RAMP w/ TRUNCATED DOME MAT

NO SHARP CORNERS ROUNDED CORNERS ONLY

4' MIN.

5' MIN.

LANDING AREA 2% SLOPE MAX.

TYP. 12:1 SLOPE

TAPER CURB TYP.

EX. INLET

EX. UTILITY CABINET

WALNUT ST

EX. DETACHED/LIMESTONE CURB TO BE REMOVED - SAWCUT IN ROADWAY 18" FROM EX. F.O.C. FOR INSTALLATION OF NEW CITY STANDARD CURB AND GUTTER.

CONVERT GRATE TO ADA COMPLIANT & HEEL PROOF

EX. INLET

MATCH LINE (SEE SHEET 20.2)

EX. INLET

EX. FH
EX. TRASH CAN
EX. UTILITY POLE

EX. LIMESTONE WALL

EX. MH
CURB RAMP w/ TRUNCATED DOME MAT
CURB

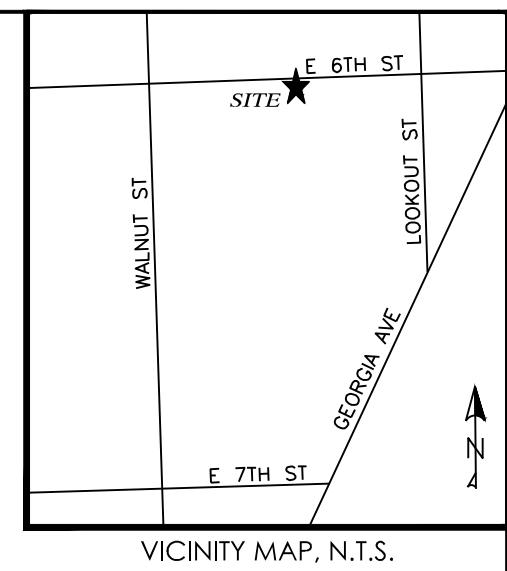
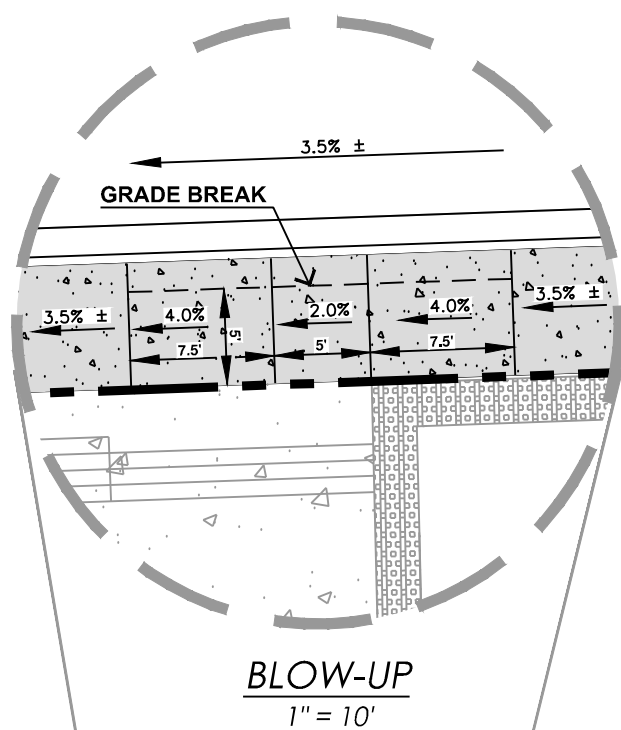


MARKET/6TH - COURTS B (STOP ID=1589)

SITE PLAN

SHEET: 20.1

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE: 3/25/2019

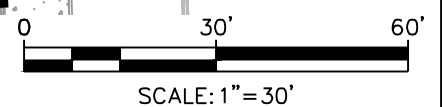
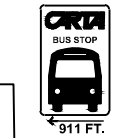
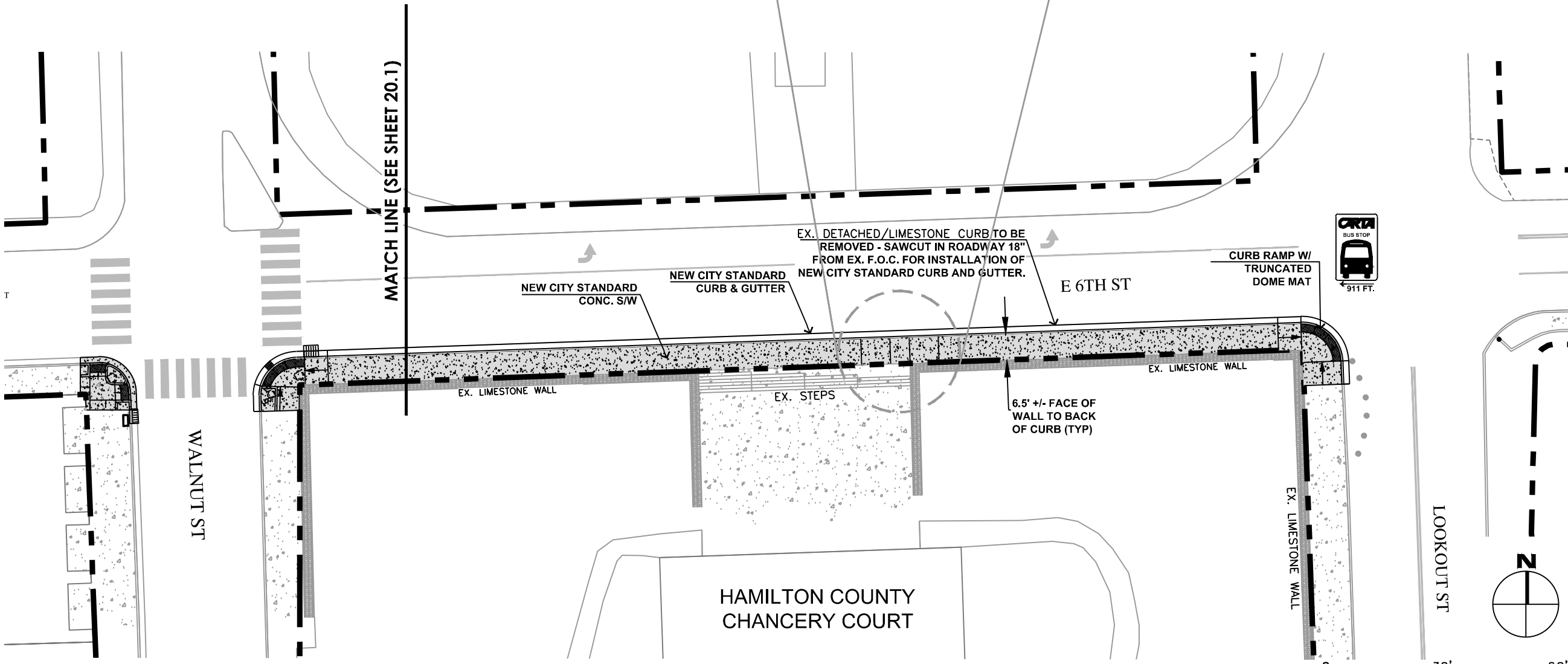
CONTRACT#

SCALE: 1" = 30'

DRAWN: GMH

DESIGN: CHATT.

CHECKED: CHATT.

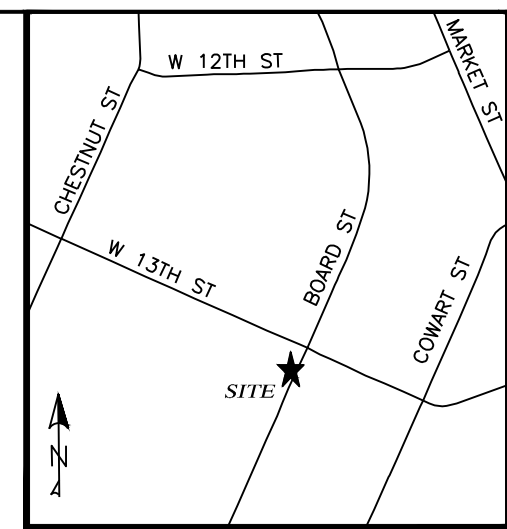
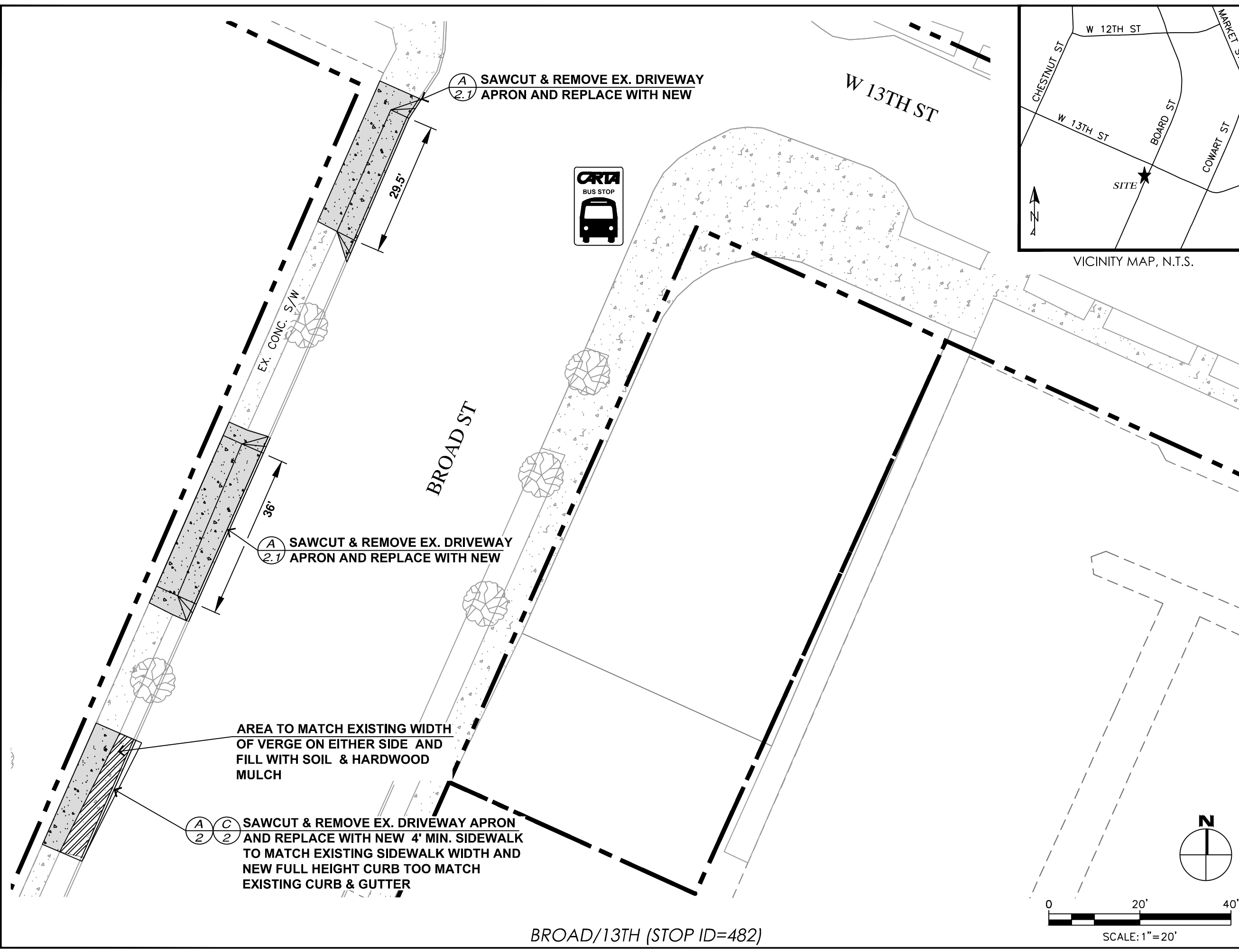


MARKET/6TH - COURTS B (STOP ID=1589)

SITE PLAN

SHEET: 20.2

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

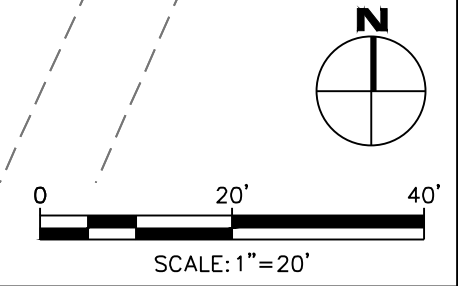
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

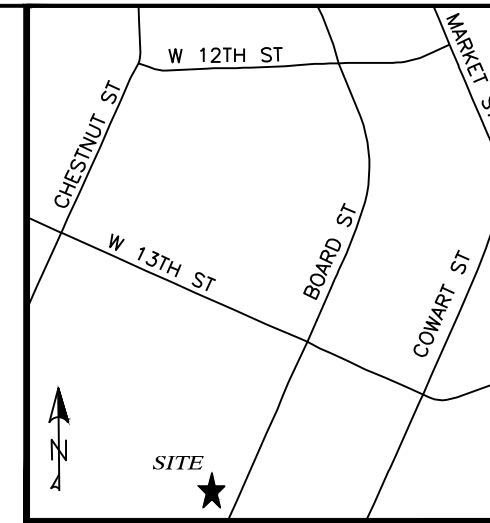
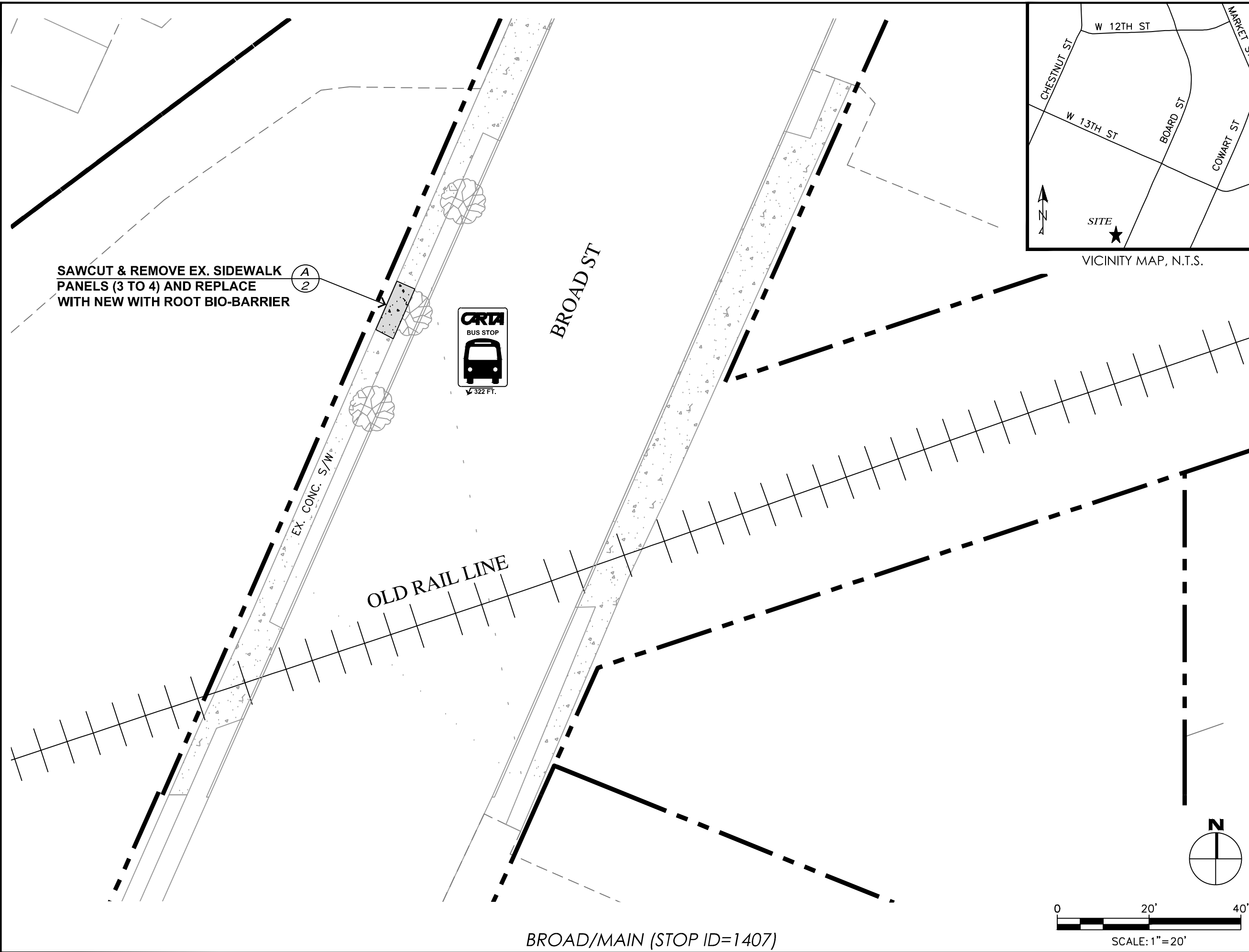
SITE PLAN

SHEET: 21

BROAD/13TH (STOP ID=482)



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VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

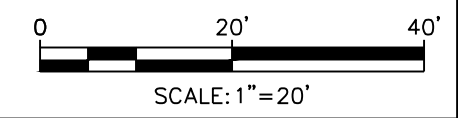
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

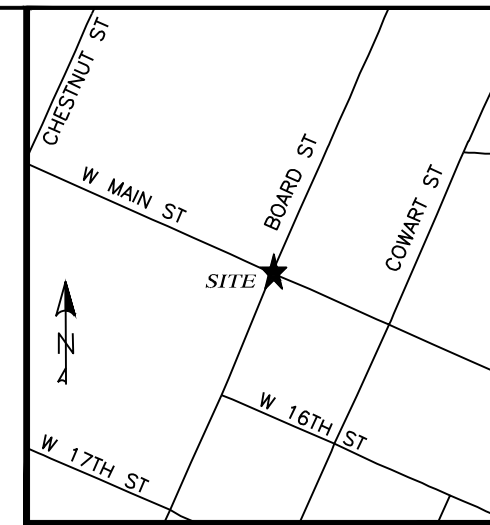
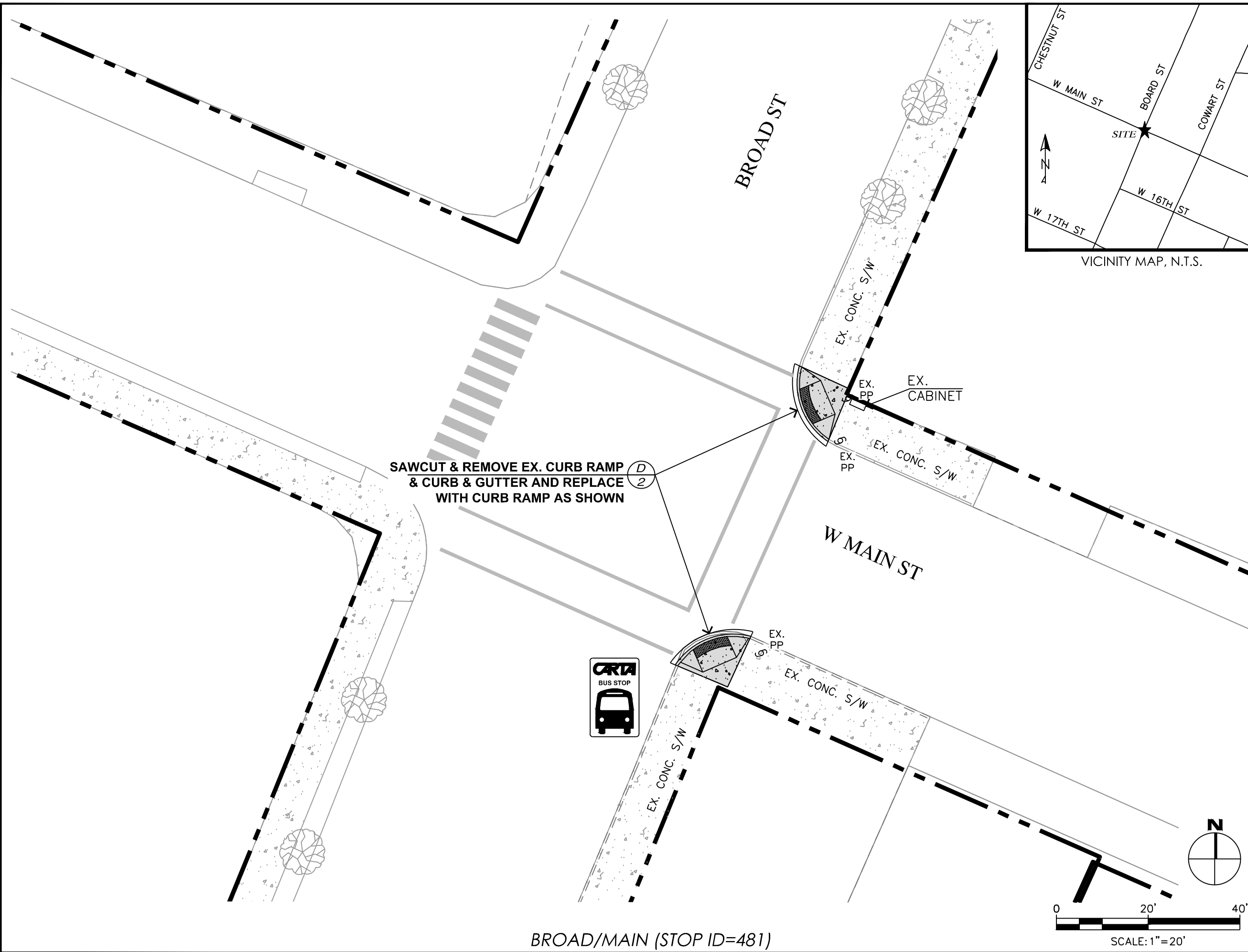
DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

BROAD/MAIN (STOP ID=1407)



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VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.



SITE PLAN

SHEET: 23

BROAD/MAIN (STOP ID=481)

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (24) Mar 26, 2019 - 10:20am, ghurst



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

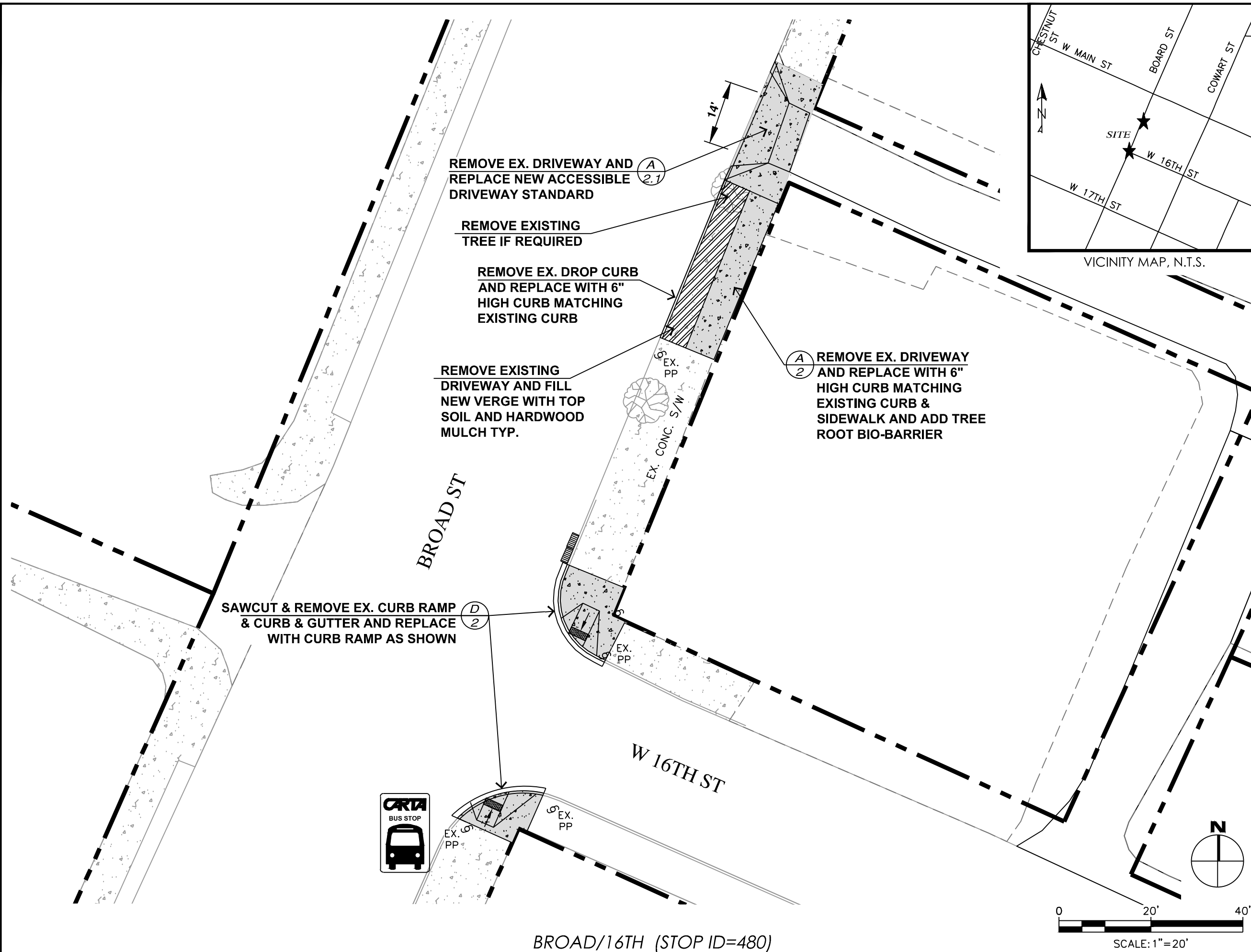
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

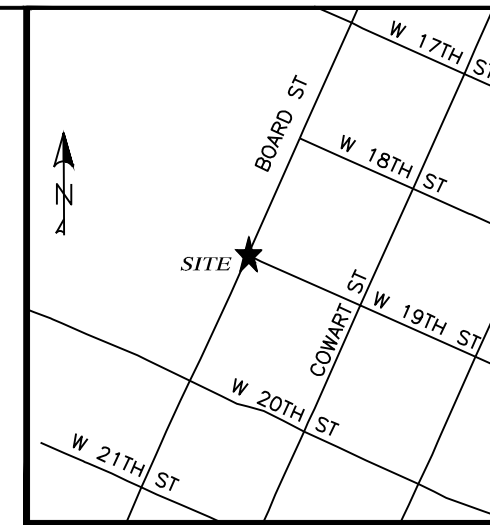
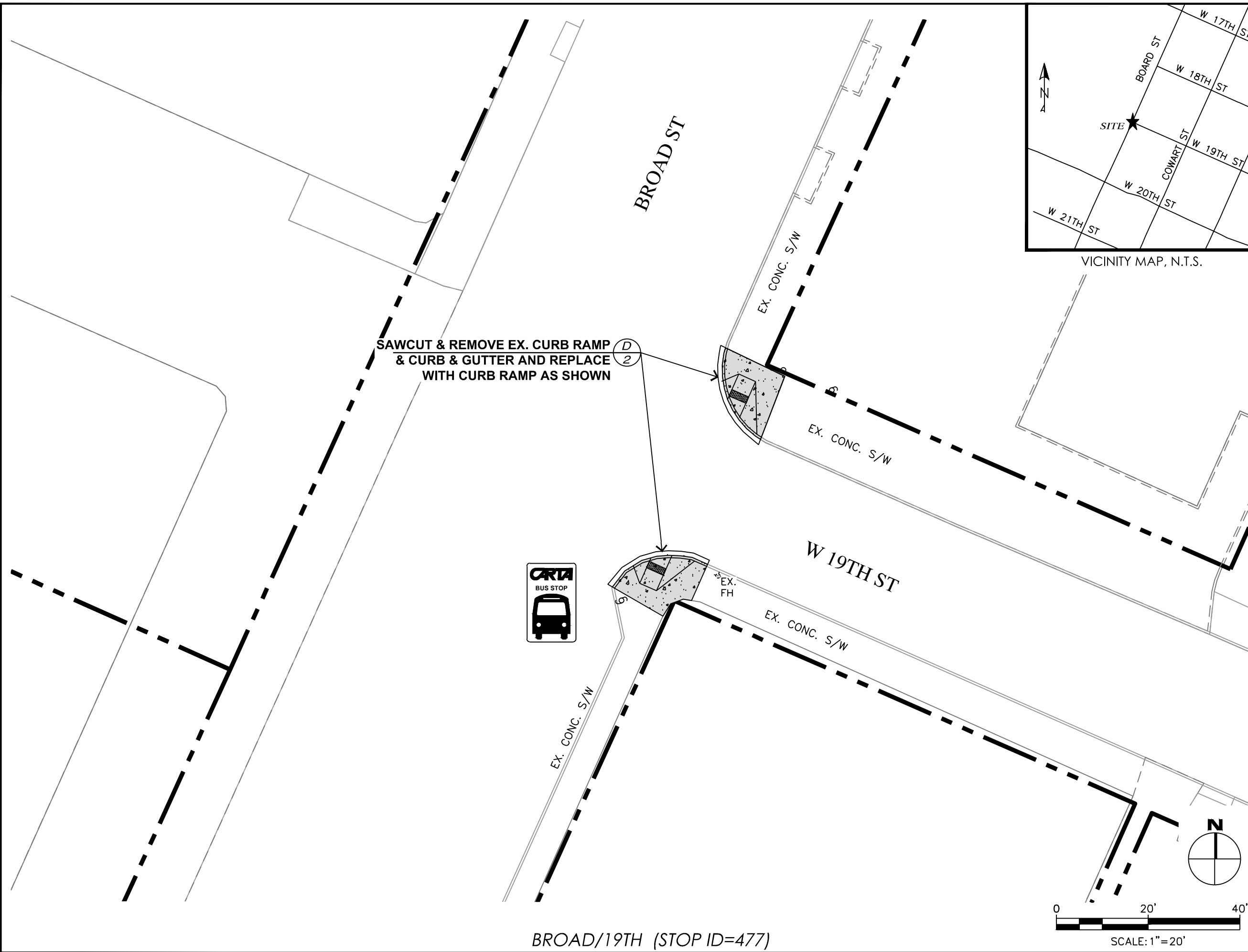
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CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 24



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VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
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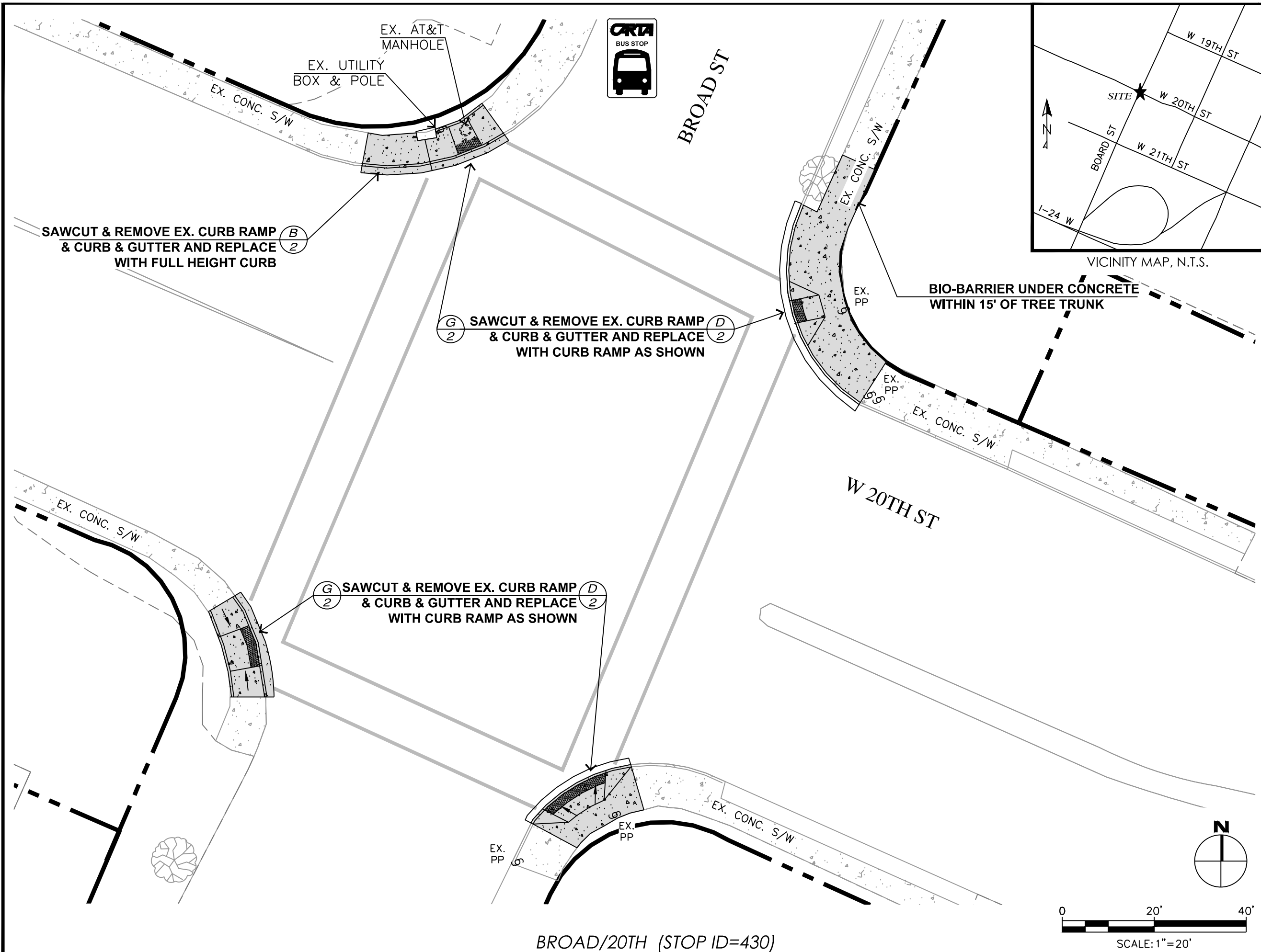


SITE PLAN

SHEET: 25

BROAD/19TH (STOP ID=477)

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE: 3/25/2019

CONTRACT#

SCALE: 1" = 20'

DRAWN: JDH

DESIGN: CHATT.

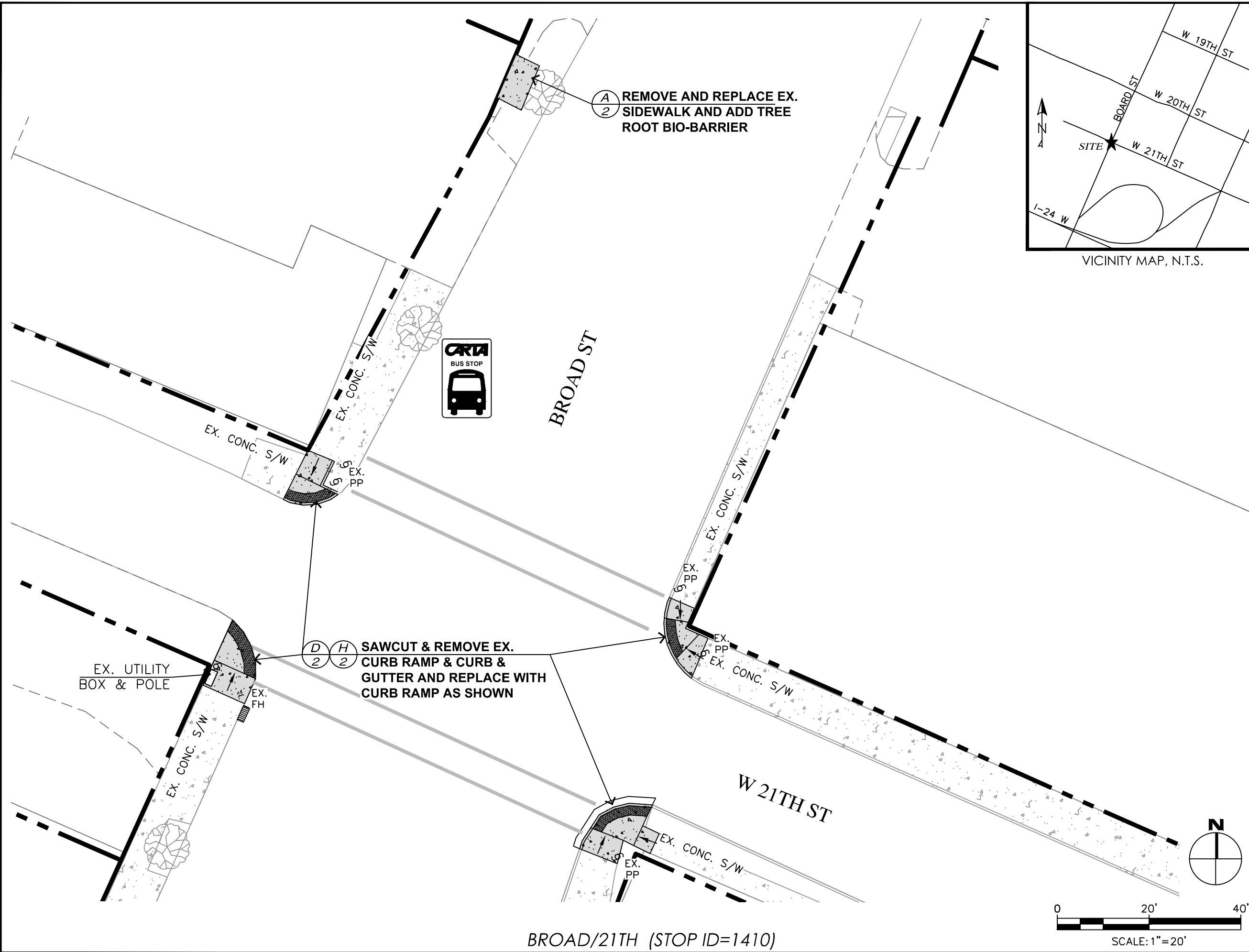
CHECKED: CHATT.

SITE PLAN

SHEET: 26

BROAD/20TH (STOP ID=430)

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Ironstl_Stop.Access.dwg Tab: (27) Mar 26, 2019 - 10:20am, ghurst



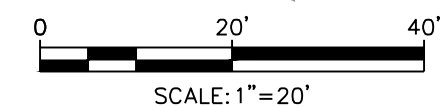
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

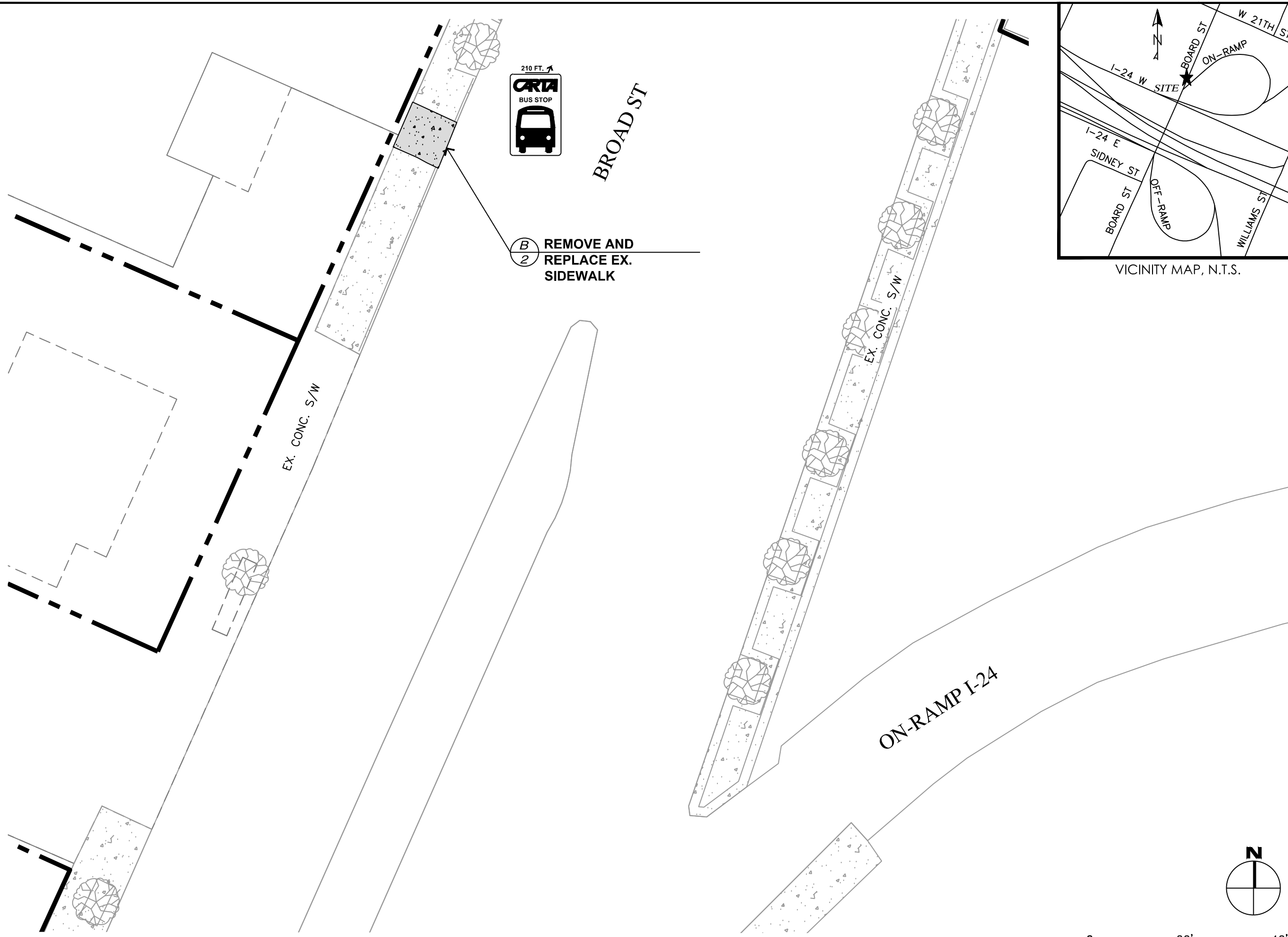


BROAD/21TH (STOP ID=1410)

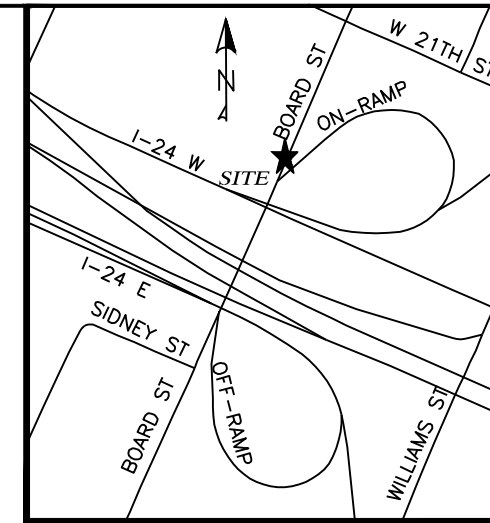
SITE PLAN

SHEET: 27

c:\Users\ghurst\appdata\local\temp\AcPublish_42508\DESIGN_Transit_Stop.Access.dwg Tab: (28) Mar 26, 2019 - 10:20am, ghurst



BROAD/21 TH (STOP ID=1410)



VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

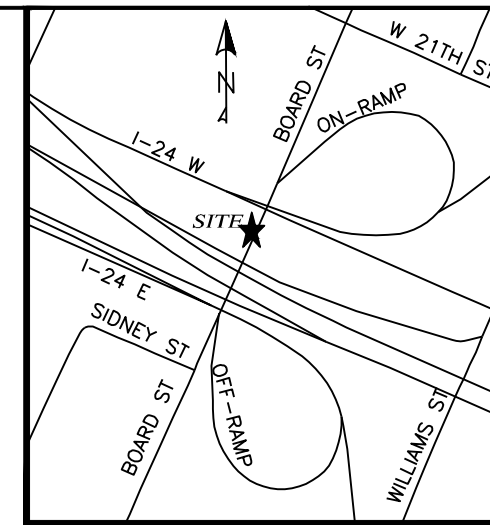
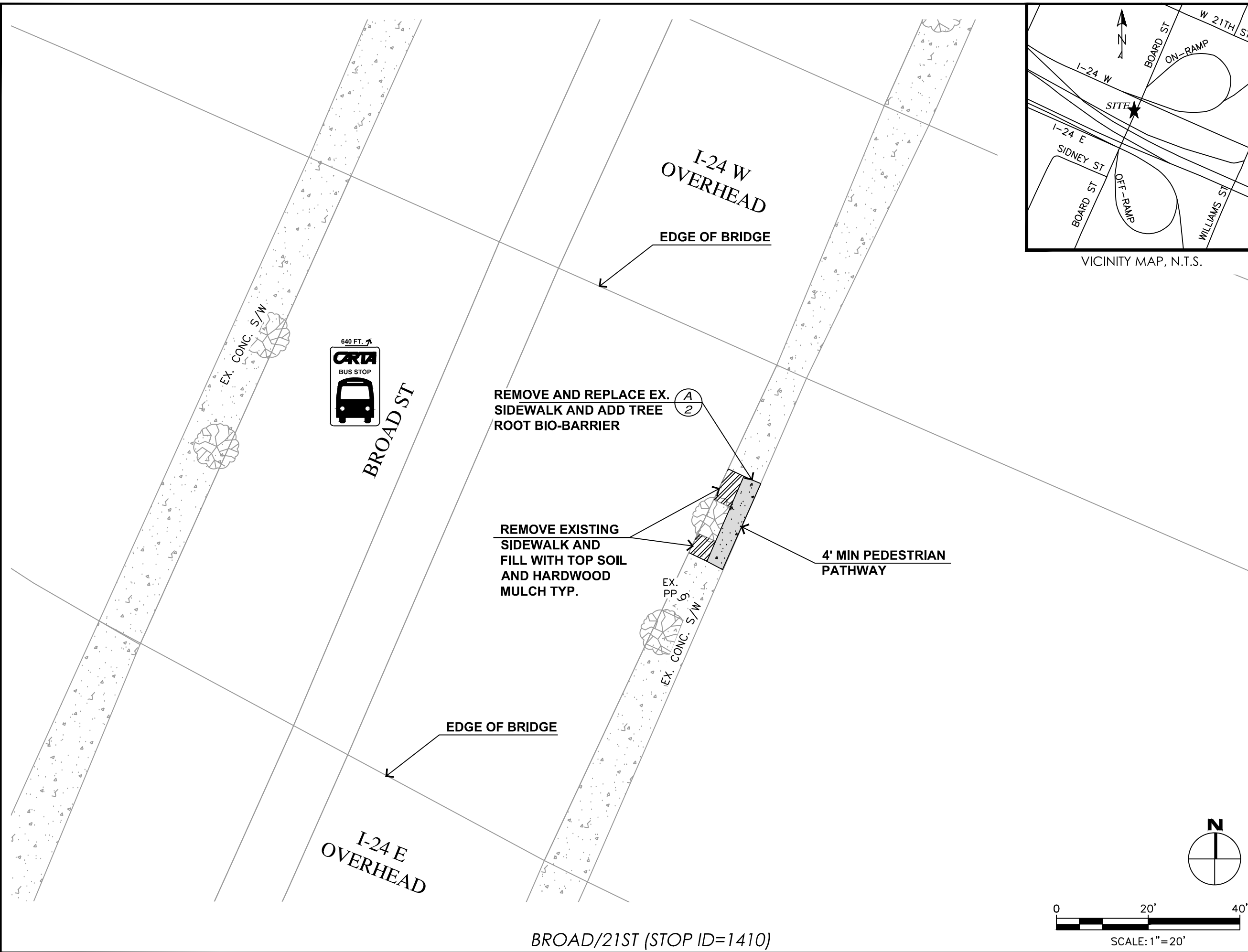
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 28

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VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

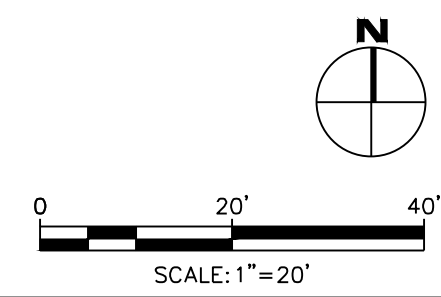
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
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CHECKED:	CHATT.

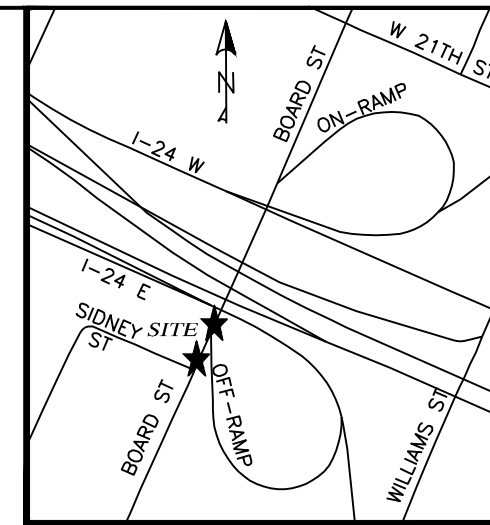
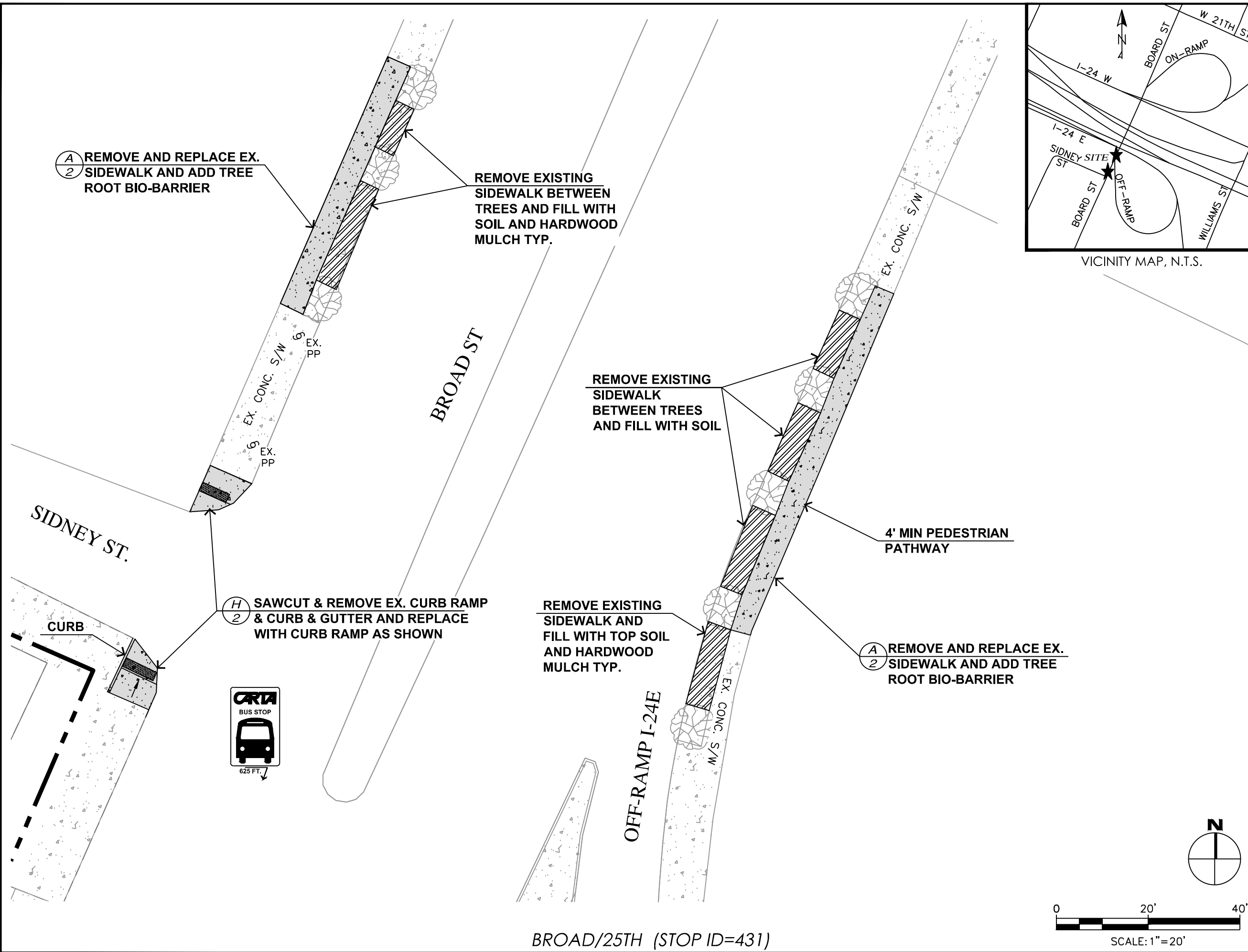
SITE PLAN

SHEET: 29



BROAD/21ST (STOP ID=1410)

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VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

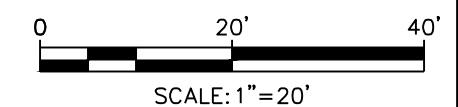
ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

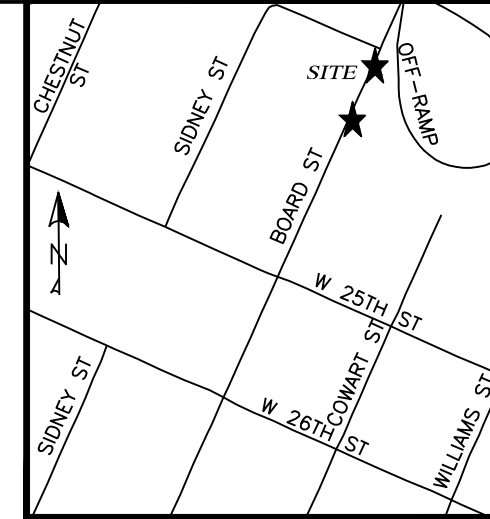
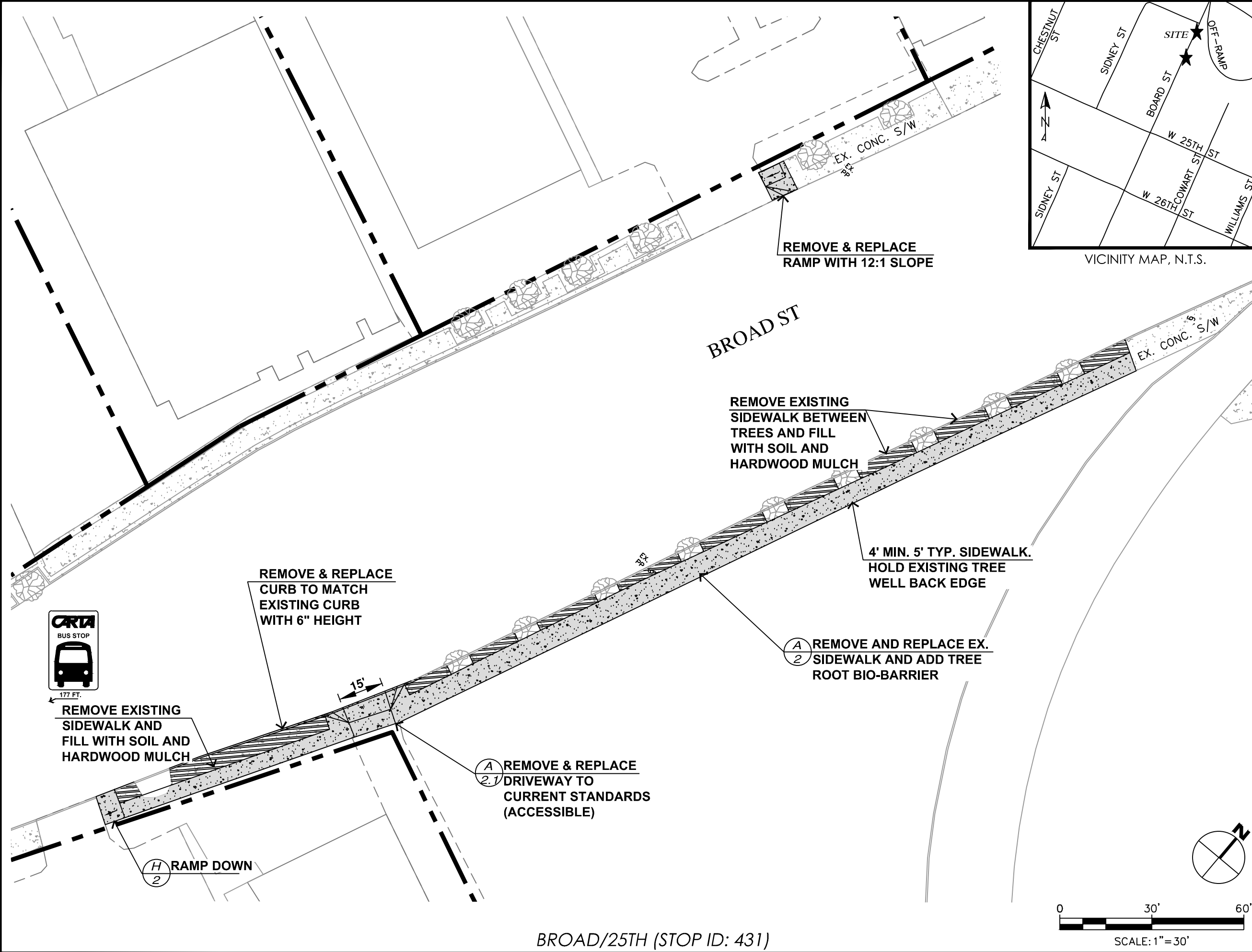
DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN



BROAD/25TH (STOP ID=431)

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VICINITY MAP, N.T.S.



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

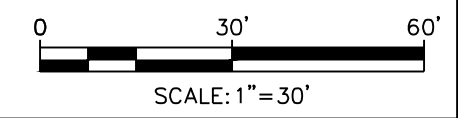
#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 30'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.



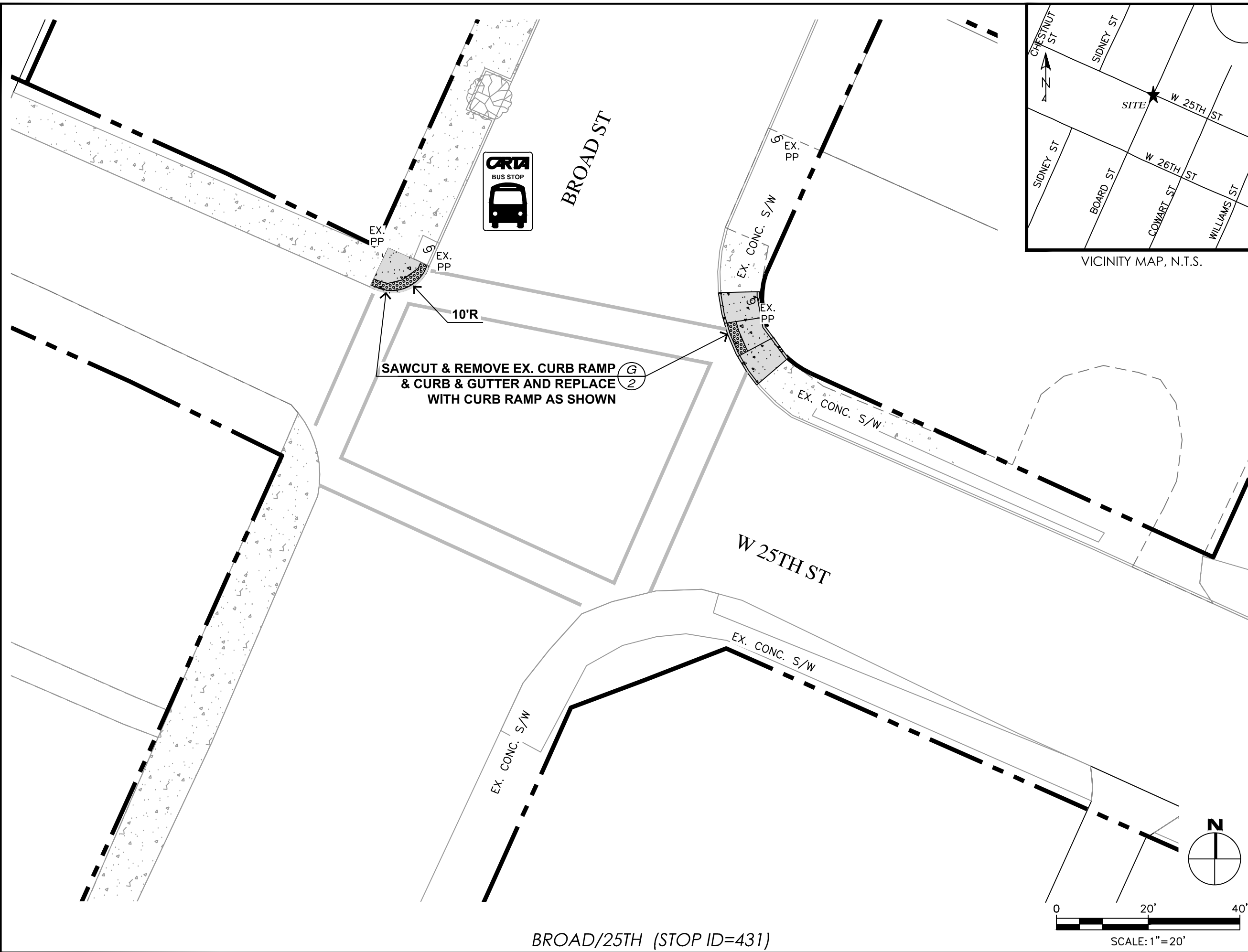
SITE PLAN

SHEET: 31



BROAD/25TH (STOP ID: 431)

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BROAD/25TH (STOP ID=431)



CITY OF CHATTANOOGA
 CORPORATION SEAL
 DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
 BLYTHE BAILEY

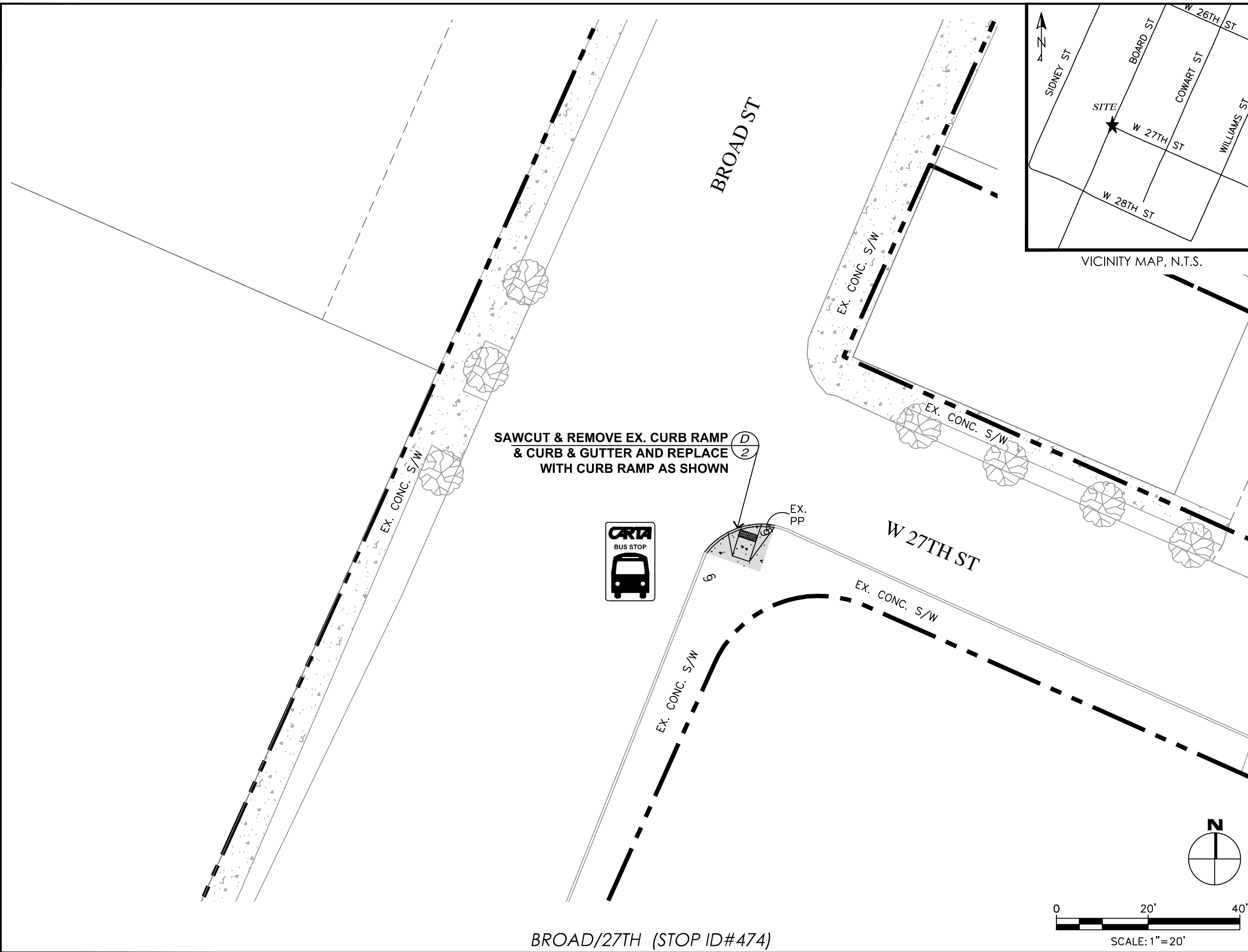
CITY TRANSPORTATION ENGINEER:
 MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

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BROAD/27TH (STOP ID#474)



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

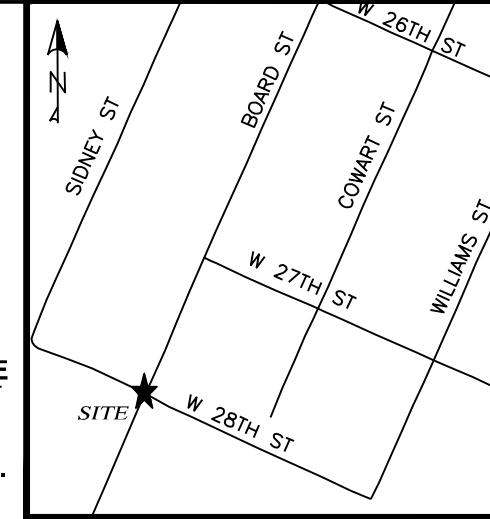
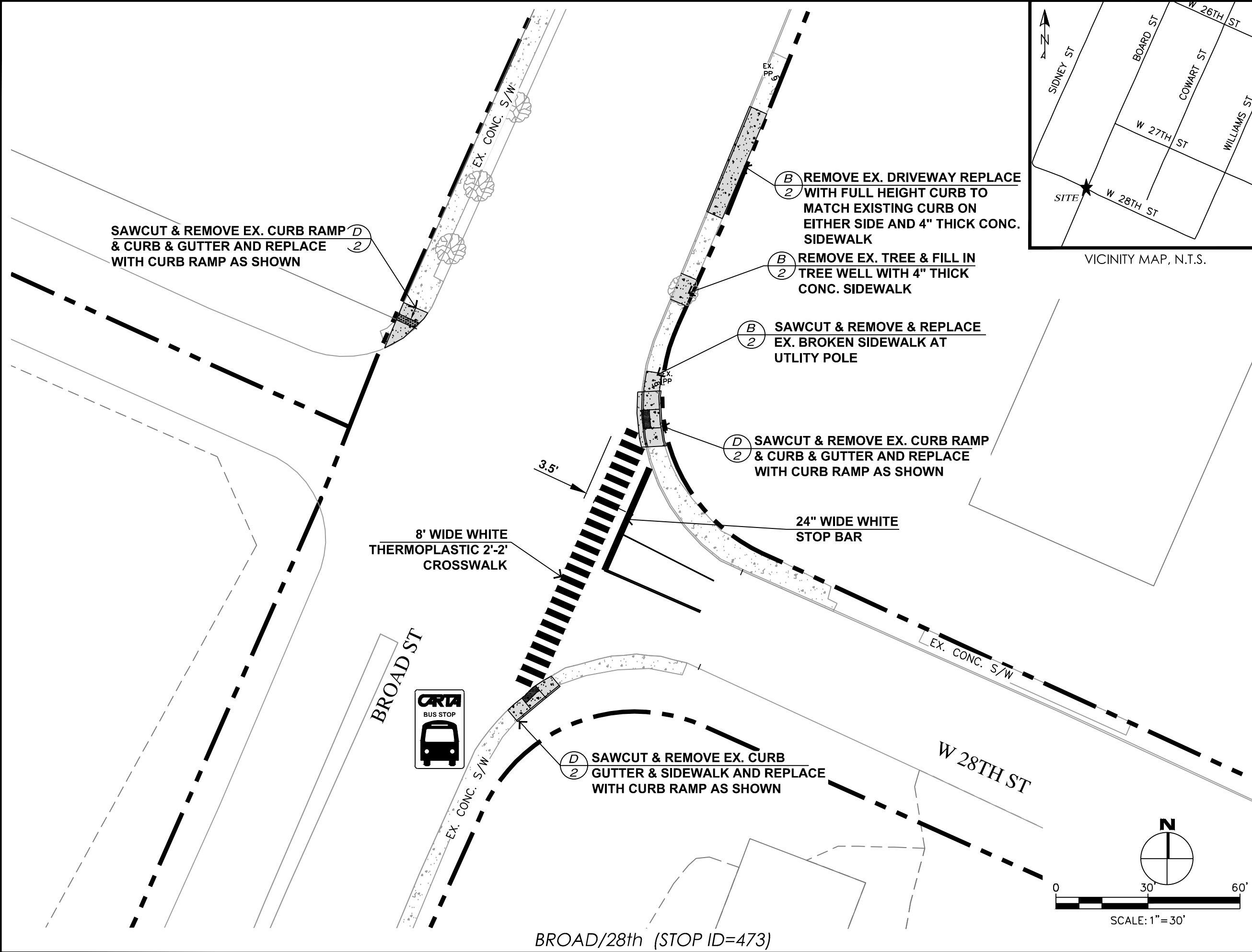
CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 20'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

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VICINITY MAP, N.T.S.



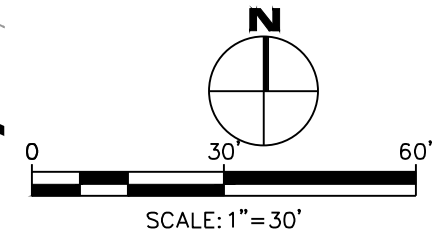
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

ADMINISTRATOR:
BLYTHE BAILEY

CITY TRANSPORTATION ENGINEER:
MARK HEINZER, P.E.

#	DATE	REVISIONS	SIG.
1			

DATE:	3/25/2019
CONTRACT#	
SCALE:	1" = 30'
DRAWN:	JDH
DESIGN:	CHATT.
CHECKED:	CHATT.



SITE PLAN

BROAD/28th (STOP ID=473)