



City of Chattanooga

Mayor Andy Berke

August 13, 2018

Citywide Right-Of-Way Concrete Contract T-18-008-201 - **Addendum #1**

The optional pre-bid meeting was held on Tuesday, August 7th 2018 at 10:00am.

Questions from attendees and the responses are as follows:

1) *May example plans be provided to give an indication of the scope of work that might be expected on some of the work sites/project locations?*

– Yes, example plans which demonstrate the scale of anticipated locations are included herewith.

2) *At what location and in what amount do we plan to install the item number “MISC D - Brick Faced CMU Wall”?*

– This line item has been removed as it was a site specific line item that was a carryover from the previous Citywide Concrete Blanket Contract.

3) *How exactly is the mobilization disbursed for line item “717-A Mobilization” and can it be restructured to separate traffic control and project overhead?*

– Upon review, the structure of the mobilization disbursement shall remain unchanged for this contract. However, please read the section 717 for mobilization in the bid book for clarification. It should be noted that section 717 has been revised from the standard City mobilization language in an attempt to make mobilization more equitable for both parties.

4) *What dollar value should be used for the “unit price” for the line item “MISC-G Materials Not Otherwise Listed, 15% Markup”?*

– Upon further discussion and coordination with the City’s Purchasing Department, it has been concluded that we will remove this line item from the bid schedule.

Corrections/Comments from CDOT:

*The Signed Certification and Seal has been included below. The signature was missing from the Bid Package documents.

* The above mentioned changes to the Bid Schedule have been made and the Revised Bid Schedule is below.

*Below are Sample Draft Drawings for area sidewalk projects. These are only sample drawings and may or may not be included in this year's sidewalk list.

*The Sign-In Sheet from the Pre-Bid Meeting has been included below.

*A Revised Table of Contents has been included below along with the documents that were left out of the Bid Package.

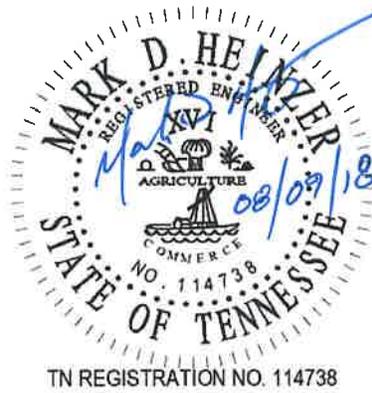
**CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION
DESIGN DIVISION**

CERTIFICATION AND SEAL

I hereby certify that the Project Drawings and the Contract Documents and Specifications for the following contract were prepared by me or under my direct supervision, and that I am a duly registered engineer under the laws of the state in which these projects are located:

Citywide R.O.W. Concrete Contract

T-18-008-201



Mark D. Heinzer, P.E.
City Transportation Engineer

Bid Schedule
Citywide Right-of-Way Concrete Contract
T-18-008-201

Item	Description	Approx. Quantity	Unit of Measure	Unit Price	Amount
1	<u>Common Excavation</u>				
1-A	Common Excavation	75	CY	\$ _____	_____
1-B	Backfill/Borrow Excavation	75	CY	\$ _____	_____
1-C	Undercut and Remove Unsuitable Material	75	CY	\$ _____	_____
2	<u>Rock Excavation</u>				
2-A	Rock Excavation - Boulders, Stones or Pieces of Masonry that are one-half cubic yard or larger in volume, Sound, solid rock in its original position in ledges, bedded deposits or masses of such hardness and texture that, in the opinion of the Engineer meet the requirements of this specification.	30	CY	\$ _____	_____
12	<u>Bituminous Plant Mix</u>				
12-A	Asphaltic Concrete Binder, Grading "B", includes primecoat, 2.5-inch depth, (Complete-in-place).	1,000	SF	\$ _____	_____
12-B	Asphaltic Concrete Binder, Grading "B", includes primecoat, 3.5-inch depth, (Complete-in-place).	1,000	SF	\$ _____	_____
12-C	Asphaltic Concrete Surface, Grading "E", includes tackcoat, 1.5-inch depth, (Complete-in-place).	1,000	SF	\$ _____	_____
12-D	Asphalt Driveway Pad - Includes 6" Mineral aggregate base (Type 'A', Grading "D"), 2" Grading 'E' Topping, per SD-703.01 (Complete-in-place).	500	SF	\$ _____	_____
14	<u>Mineral Aggregate & Base</u>				
14-A	Mineral Aggregate Base, 100% Compaction Std. Proctor, Type 'A', Grading "D", 8-inch depth, (Complete-in-place).	1,000	SF	\$ _____	_____
14-B	Mineral Aggregate Base, 100% Compaction Std. Proctor, Type 'A', Grading "D", 15-inch depth, (Complete-in-place).	1,000	SF	\$ _____	_____
14-C	Cement Treated Mineral Aggregate Base (CTB), 8" thickness, 5% Portland Cement by dry unit weight, (Complete-in-place).	1,000	SF	\$ _____	_____
14-D	No. 57 Washed Stone - For general backfill, pipe backfill, base etc. - placed in 6" lifts - compacted (Complete-in-place).	20	TON	\$ _____	_____
15	<u>Concrete and/or Pavement Removal</u>				
15-A	Demolition and Removal of Existing Concrete/Asphalt Sidewalk (Complete-in-place).	18,000	SF	\$ _____	_____
15-B	Demolition and Removal of Existing Concrete/Asphalt Driveway (Complete-in-place).	5,000	SF	\$ _____	_____
15-C	Demolition and Removal of Existing Detached Curb/Limestone Curb and Concrete Walls less than 1.5' Tall (Complete-in-place).	800	LF	\$ _____	_____
15-D	Demolition and Removal of Existing Curb and Gutter (Complete-in-place).	2,500	LF	\$ _____	_____
15-E	Demolition and Removal of Existing Concrete/Asphalt Roadway (Complete-in-place).	2,500	SF	\$ _____	_____

15-F Demolition and Removal of Existing Concrete/Asphalt Roadway, 14"+/- for Stamped Concrete (Complete-in-place).	2,500	SF	\$		
15-G Saw Cutting (Complete-in-Place)	5,000	LF	\$		
15-H Unclassified Demolition of Existing Walls, Bricks, Steps, Slabs, etc. - Includes removal, disposal, sawcutting where necessary, etc. (Complete-in-Place)	1,000	SF	\$		
15-I Coring of Stormwater Structure - Includes: coring for up to 30" diameter pipe of any material, necessary excavation, removal & disposal of cored material, sawcutting of structure where necessary, rebuilding of invert or hole surround, grouting in of new pipe, and other Incidentals, etc. (Complete-in-Place)	5	EA	\$		
15-J Removal/Demolition of Existing Storm Pipe - Includes: removal of up to 30" diameter pipe of any material, necessary excavation and backfill where required, disposal of pipe, sawcutting where necessary, and other Incidentals, etc. (Complete-in-Place)	200	LF	\$		
15-K Removal/Demolition of Existing Storm Structure - Includes: removal & disposal of storm structure of any material of up to 5 ft. inner diameter, necessary excavation and backfill where required, removal & disposal footing, sawcutting where necessary, and other Incidentals, etc. VF units shall be measured from interior bottom of structure. (Complete-in-Place)	50	VF	\$		
16 Cement Concrete (Sidewalks, Driveways, Handicap Ramps)					
16-A Concrete Sidewalk, 4-inch thick (SD-202.01) - Includes Class "A" Concrete portion of Standard ADA Ramps, Excavation up to 6-inch Depth, Base stone, Expansion Joints, Caulk, etc. (Complete-in-Place).	25,000	SF	\$		
16-B River Gravel Concrete Sidewalk, 4-inch thick (SD-202.01) - Includes Class "A" Concrete portion of Standard ADA Ramps, Excavation up to 6-inch Depth, Base stone, Expansion Joints, Caulk, etc. Concrete mix shall be per Appendix E, or approved equivalent (Complete-in-Place).	500	SF	\$		
16-C Integral Color Concrete, 4-Inch thick Concrete Sidewalk (Colors per SD-503.01) Red or Gray - Includes Class "A" Concrete portion of Handicap Ramps, Excavation up to 6-inch Depth, Base stone, Expansion Joints, Caulk, etc. (Complete-in-Place).	500	SF	\$		
16-D Concrete Driveway Apron and/or Sidewalk, 6-inch thick (SD-202.02) - Includes Class "A" Concrete, Excavation up to 8-inch Depth, Base Stone, Reinforcing Steel, etc. (Complete-in-Place).	6,000	SF	\$		
16-E Integral Color Concrete Driveway Apron and/or Sidewalk, 6-inch thick (SD-202.02) (Colors per SD-503.01) Red or Gray - Includes Excavation up to 8-inch Depth, Class "A" Concrete, Base Stone, Reinforcing Steel, etc. (Complete-in-Place).	500	SF	\$		
16-F Roadway Concrete, 10-inch thick (SD-504.01) - Includes Installation of 10" thick Class "A" Concrete, 4" Stone Base, Includes Sawcutting, Excavation up to 14-inch depth, Expansion Joints, Labor and other Incidentals, etc. Excludes Dowel Steel (Complete-in-place).	1,000	SF	\$		

16-G River Gravel Roadway Concrete, Option A , 10-inch thick, per section detail Appendix D - Includes Installation of 10" thick Class "A" Concrete (Concrete mix shall be per Appendix E, or approved equivalent), 4" Stone Base, Includes Sawcutting, Excavation up to 14-inch depth, Expansion Joints, Labor and other Incidentals, etc. Excludes Dowel Steel (Complete-in-place).	1,000	SF	\$		
16-H River Gravel Roadway Concrete, Option B , 10-inch thick, per section detail Appendix D - Includes Installation of 10" thick Class "A" Concrete (Concrete mix shall be per Appendix E, or approved equivalent, and additionally include a double dose of Ochre Color), 4" Stone Base, Includes Sawcutting, Excavation up to 14-Inch depth, Expansion Joints, Labor and other Incidentals, etc. Excludes Dowel Steel (Complete-in-place).	1,000	SF	\$		
16-I Integral Color Stamped Concrete, 10-inch thick (SD-504.01) (Colors per SD-503.01), Red or Gray - Includes Installation of 10-Inch thick Class "A" Stamped Concrete (Herringbone Pattern with Soldier Course), 4" Stone Base, Excavation up to 14-inch depth, Expansion Joints, Labor and other Incidentals, etc. Excludes Dowel Steel (Complete-In-place).	500	SF	\$		
16-J Integral Color Concrete Pavement, 10-inch thick (Colors per SD-503.01), Red or Gray - Includes Installation of 10-Inch thick Class "A" Concrete Pavement, 4" Stone Base, Exacavation up to 14-inch depth, Expansion Joints, Labor and other Incidentals, etc. Excludes Dowel Steel (Complete-in-place).	500	SF	\$		
16-K #10 Smooth Bars to be received by Concrete Crosswalk and Roadway Concrete (SD-504.01) - Includes #10 Smooth Bars 18" long @ 12" O.C., drilling existing as necessary, greasing or epoxy as needed, labor, and other incidentals, etc. (Complete-in-place)	100	EA	\$		
16-L Holland Pavers 6 CM Red and Gray (SD-501.01) - Includes Materials, Installation with soldier course and 90 degree herringbone pattern, Granite Screening or Riversand for Leveling Course, etc. (Complete-in-place).	500	SF	\$		
16-M Truncated Dome Holland Pavers 6 CM Red and Gray (SD-501.01) - Includes Materials, Labor, Installation with 90 degree herringbone pattern, Granite Screening or Riversand for Leveling Course, etc. (Complete-in-place).	250	SF	\$		
16-N ADA Ramp (Atypical Style, such as linear or combination) - Includes Excavation, Materials, Labor, formwork, etc., (does not include truncated dome mat) (Complete-in-place).	20	EA	\$		
16-O City Standard Truncated Dome Composite Inlay, Armor-Tile, ADA Solutions, (or approved equal), River Red Color - Includes Installation, Labor, and Material. Excludes Handicap Ramp Concrete, (Complete-in-place).	55	EA	\$		
16-P City Standard Truncated Dome Composite Surface-Applied Retrofit, Armor-Tile, ADA Solutions, (or approved equal), River Red Color - Includes Installation, Labor, and Material. Excludes Handicap Ramp Concrete, (Complete-in-place).	2	EA	\$		
16-Q Pedestrian Light Foundation (SD-507.01) - Includes Excavation, Backfill, Concrete, Reinforcing Steel, Anchor Bolts, etc. (Complete-in-Place).	15	EA	\$		
16-R Artwork Foundation (43"x43" Bolt Pattern)(See Detail) - Includes Excavation, Stone Base, Concrete, Reinforcing Steel, Anchor Bolts, etc. (Complete-in-Place).	1	EA	\$		

16-S Artwork Foundation (24"x24" Bolt Pattern)(See Detail) - Includes Excavation, Stone Base, Concrete, Reinforcing Steel, Anchor Bolts, etc. (Complete-in-Place).	1	EA	\$		
16-T Miscellaneous Formed Concrete Walls - Includes Installation of up to 12-Inch thick Class "A" Concrete, reinforcing steel - #4 rebar at 1 foot O.C. each way (double mat where required), up to 6" Stone Base, Includes concrete footing, Excavation up to 24-inch depth, Labor, Installation, and other Incidentals, etc. (Complete-in-place).	15	CY	\$		
16-U Concrete Mud Bed (for pavers) , 4-Inch thick - Per City SD-501.01 Includes Class "B" Concrete, Excavation up to 6-inch Depth, 2" Base Stone, etc. (Complete-in-Place).	1,000	SF	\$		
17 Cement Concrete Curb, Gutter, or Combined Curb and Gutter					
17-A City Standard Type 'A' Curb and Gutter (SD-202.01) - Includes excavation, backfill, stone, concrete, etc., (Complete-in-Place).	3,250	LF	\$		
17-B City Standard Detached Curb (SD-201.01) - Includes excavation, backfill, stone, concrete, etc., (Complete-in-Place).	3,150	LF	\$		
17-C City Standard Extruded Mountable Curb (SD-203.02) - Includes excavation, backfill, stone, concrete, etc., (Complete-in-Place).	300	LF	\$		
17-D 12" W x 10" D, Header Curb (SD-504.01) - Includes excavation, backfill, stone, concrete, etc. (Complete-in-Place).	250	LF	\$		
17-E 6" W x 10" D Header Curb (SD-504.01) - Includes excavation, backfill, stone, concrete, etc., (Complete-in-Place).	250	LF	\$		
17-F City Standard Mountable Island Curb (SD-206.01) - Includes excavation, backfill, stone, concrete, etc., (Complete-In-Place).	250	LF	\$		
19 Tree and/or Stump Removal					
19-A Tree and/or Stump Removal, 4-inch - 12-inch Diameter (Complete-in-place).	5	EA	\$		
19-B Tree and/or Stump Removal, 12.01-inch - 24-inch Diameter (Complete-in-place).	5	EA	\$		
19-C Tree and/or Stump Removal, 24.01-inch - 36-inch Diameter (Complete-in-place).	1	EA	\$		
19-D Tree and/or Stump Removal, 36.01-inch - 48-inch Diameter (Complete-in-place).	1	EA	\$		
31 Concrete Pipe for Storm Sewers and Culverts					
31-A 15-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	125	LF	\$		
31-B 18-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	125	LF	\$		
31-C 24-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	125	LF	\$		
31-D 30-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	75	LF	\$		

31-E	8" Trench Drain - Includes concrete sides and bottom (4-inch min. thickness), 1% running slope, with excavation, backfill, cast iron ADA-compliant grate, reinforced steel, etc. (Complete-in-place).	50	LF	\$		
33 Adjusting Manhole Frames						
33-A	Manhole Adjustment to Finished Grade - Includes Excavation, Backfill, Riser, Concrete, Brick, or any other Incidental, etc., (Complete-in-place).	5	EA	\$		
34 Catch Basins, Curb Inlets, Miscellaneous						
34-A	City Standard Brick Catch Basin with Back (SD-608.01) - Includes Excavation up to 6-foot depth, Bedding, Backfill, Brick, Frame and Grate (SD-608.02), Labor, and other Incidentals, etc. (Complete-in-Place).	5	EA	\$		
34-B	City Standard Precast Catch Basin with Back (SD-608.02 Notes 3-6) - Includes Excavation up to 6-foot depth, Bedding, Backfill, Precast Structures, Frame and Grate, Labor, and other Incidentals, etc. (Complete-in-Place).	5	EA	\$		
34-C	Standard Curb Inlet 48-Inch Diameter (SD-609 and SD-610) - Includes Excavation up to 6-foot depth, Bedding, Backfill, Concrete or Brick or Precast, Frame and Lid, Labor, and other Incidentals, etc. (Complete-in-Place).	5	EA	\$		
35 Sodding and/or Seeding						
35-A	Fescue Sod - Includes all labor, rolling, stapling, and other incidentals, etc. (Complete-in-place).	150	SY	\$		
35-B	Permanent Seeding - Includes all Labor, Fertilizer, Straw and other incidentals, etc. (Complete-in-place).	1,500	SY	\$		
36 Topsoil						
36-A	Topsoil (3-inch depth), Includes Labor and other incidentals, etc. (Complete-in-place).	1,500	SY	\$		
98 Slope Protection and Erosion Control						
98-A	Erosion Control Inlet Protection - Silt-Saver, Siltsack, Gutterbuddy, or as directed by Engineer, (Complete-in-Place).	15	EA	\$		
98-B	Silt Soxx or approved equal (Complete-in-place).	250	LF	\$		
717 Mobilization						
717-A	Mobilization, including bid bond, performance bond, payment bond, traffic control per MUTCD standards, etc.	1	LS	\$		
1720 Project Record Documents						
1720-A	Final As-Built Drawings, Price Per Structure	10	EA	\$		
3300 Portland Cement Pervious Pavement						
3300-A	Pervious Concrete Tree Well Surface (SD-509.01), Includes installation (Complete-in-place)	150	SF	\$		
3575 Flowable Controlled Low Strength Material (CLSM)						
3575-A	Flowable Fill, as per City Street Cut Ordinance 12337, specifically Section 32-67.e. (Complete-in-Place).	10	CY	\$		

16111 Conduit						
16111-A	Two (2) 1-inch SCH 40 PVC Conduit - Includes Excavation, Stone, Backfill, Labor, Fittings/Materials Required for Installation, etc. (Complete-in-Place).	200	LF	\$		
16111-B	Two (2) 2-inch SCH 40 PVC Conduit - Includes Excavation, Stone, Backfill, Labor, Fittings/Materials Required for Installation, etc. (Complete-in-Place).	70	LF	\$		
16111-C	One (1) 4-inch SCH 40 PVC Conduit - Includes Excavation, Stone, Backfill, Labor, Fittings/Materials Required for Installation, etc. (Complete-in-Place).	70	LF	\$		
16111-D	One (1) 4-inch SCH 80 PVC Conduit - Includes PVC Pipe, Straps, Fittings, Installation above Sidewalk Surface to Terminus Point, etc. (Complete-in-Place).	70	VF	\$		
16111-E	Handhole Box - Includes Excavation, Backfill, Pick-up and Installation, Box provided by EPB, etc. (Complete-in-Place).	15	EA	\$		
16111-F	Handhold Box with Red Concrete Collar - Includes Excavation, Backfill, Pick-up and Installation, Red Concrete Collar to match Holland Pavers (SD-501.01), Box provided by EPB, etc. (Complete-in-place).	8	EA	\$		
MISC Miscellaneous Items						
MISC-A	Tubular Steel Handrail per detail provided, RAL9005(Black), includes mounting/coring, grout, etc. (Complete-in-place).	50	LF	\$		
MISC-B	Streetscape Guardrail Per City Standard Drawing SD-505.01 (Complete-in-place).	50	LF	\$		
MISC-C	Concrete Steps with Cheek Wall per provided detail, (Complete-in-place).	25	LF of Nose	\$		
MISC-D	Brick Faced CMU Wall per provided detail, includes footer, rebar, concrete, mortar, etc. (Complete in place).	50	LF	\$		
MISC-E	Mailbox Relocation/Installation - Includes the removal & disposal of the existing mailbox, post, & footing, the installation of the new mailbox, post, & footing. Includes mailbox, post, hardware, vinyl letters, excavation & concrete for footing (Complete-in-Place)	45	EA	\$		
MISC-F	Segmental Retaining Wall - Less than 4 feet tall - Includes excavation, base stone, concrete footing (where required) modular retaining wall block units, cap blocks for top course where required, stone backfill behind wall, weep holes and/or pvc pipes for drainage through wall, and any other incidentals, etc. Complete-in-Place)	150	SF of Face	\$		
MISC-G	Materials Not Otherwise Listed, 15% Markup	±	EA	\$		
MISC-H	Labor Rate - General rate for skilled or unskilled labor	1	Hour	\$		
					Total Bid	\$ _____



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

DATE: 6/6/2018

CONTRACT#

SCALE:

DRAWN: GMH

DESIGN: CHATT.

CHECKED: CHATT.

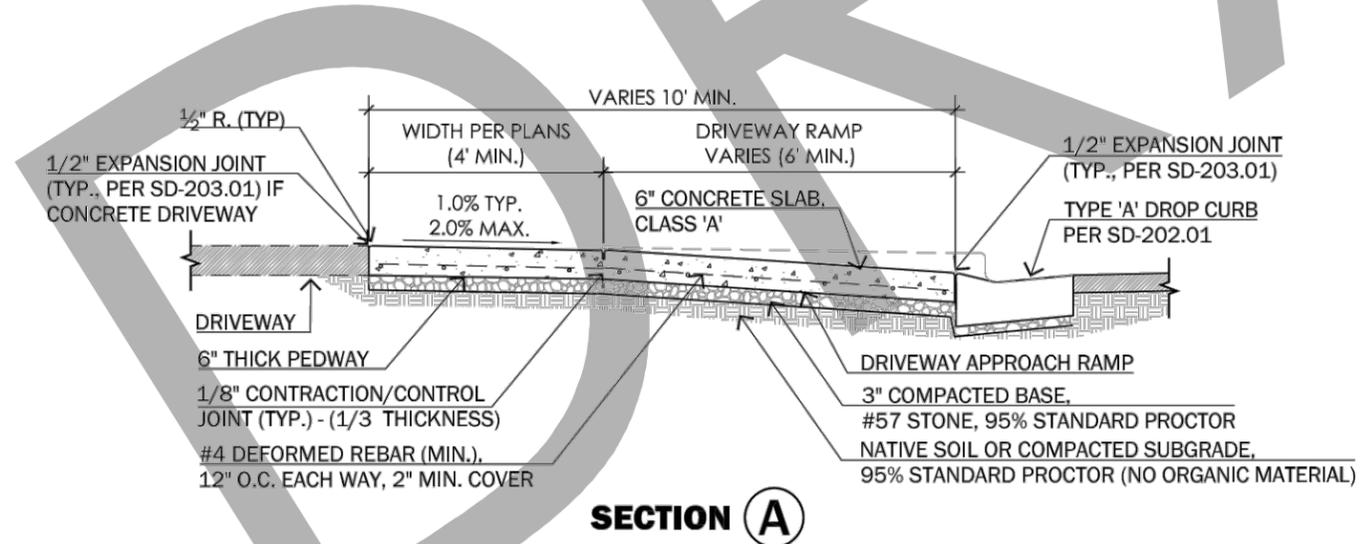
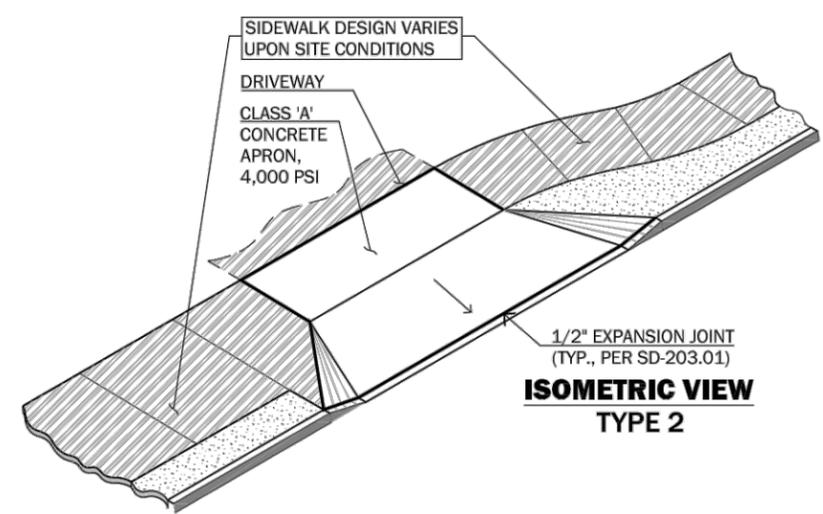
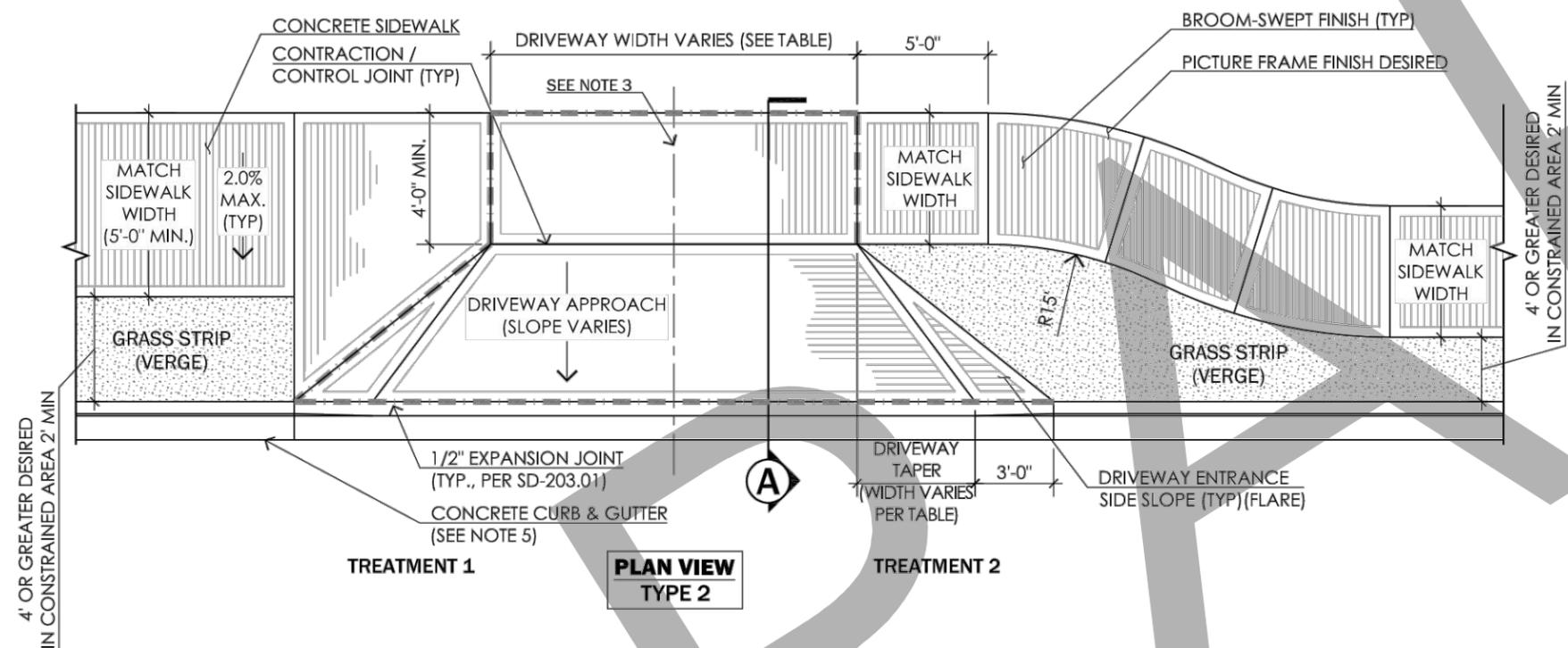
DETAILS

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.
- 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 rebars (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	22'	40'	5'



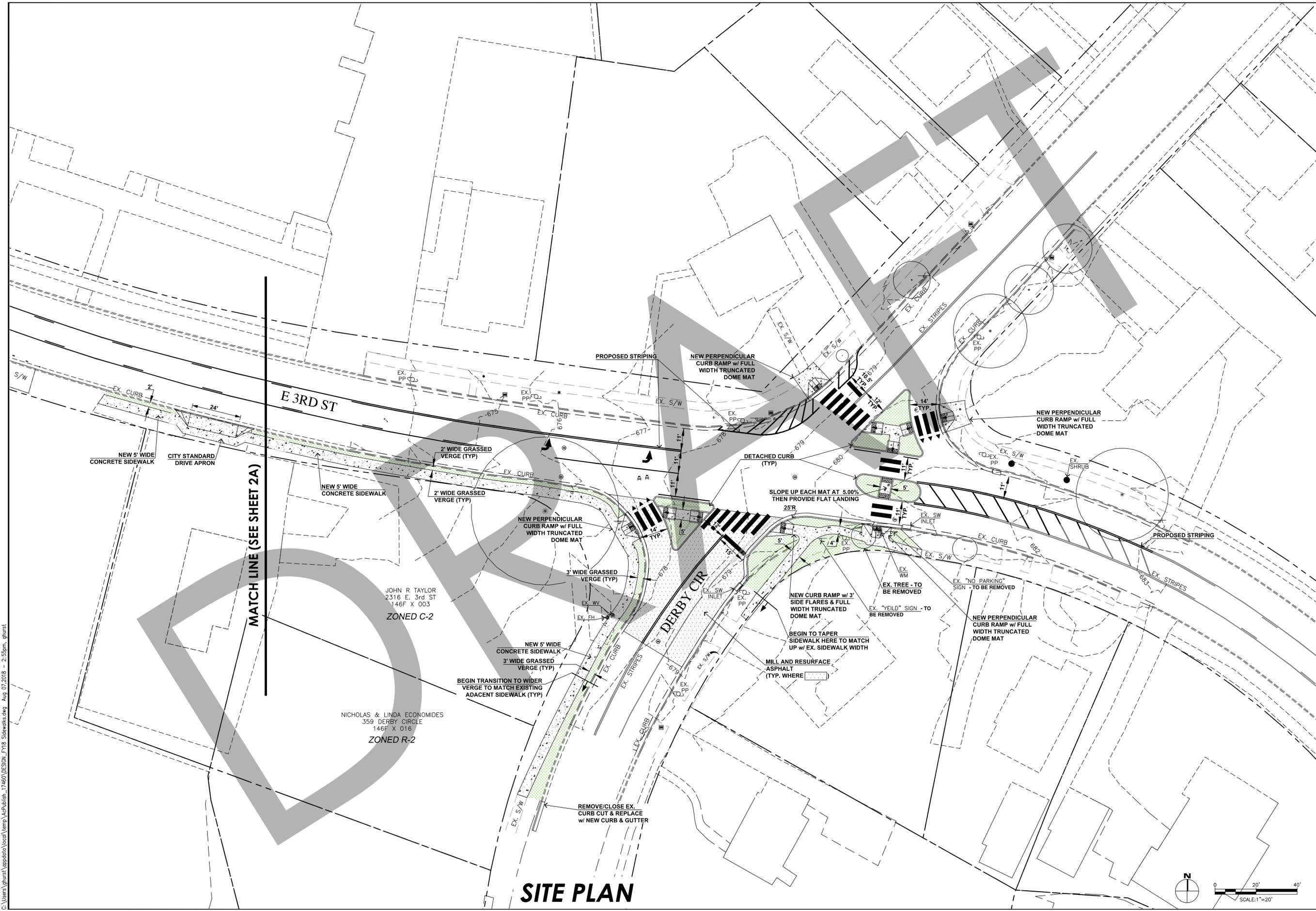
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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY
BERTRAM KUYRKENDALL, P.E.

3RD FROM DODSON TO DERBY



SITE PLAN

NO.	DATE	REVISION	SIG.
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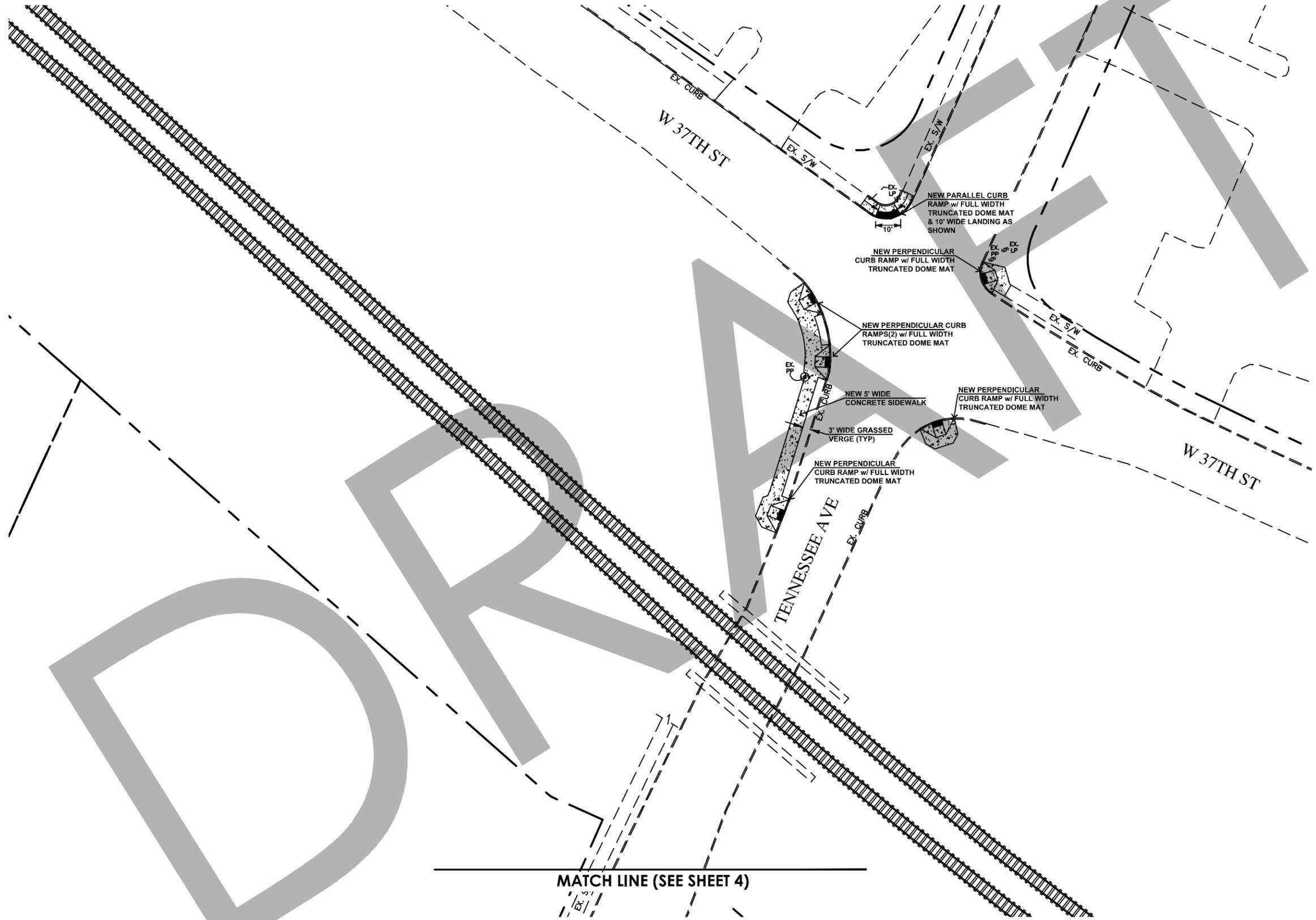
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DESIGN:	XXX
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PRELIMINARY
(SUBJECT TO CHANGE)

SHEET: X

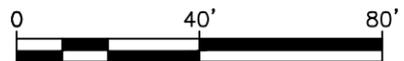
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MATCH LINE (SEE SHEET 4)

TENNESSEE



SCALE: 1" = 40'



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

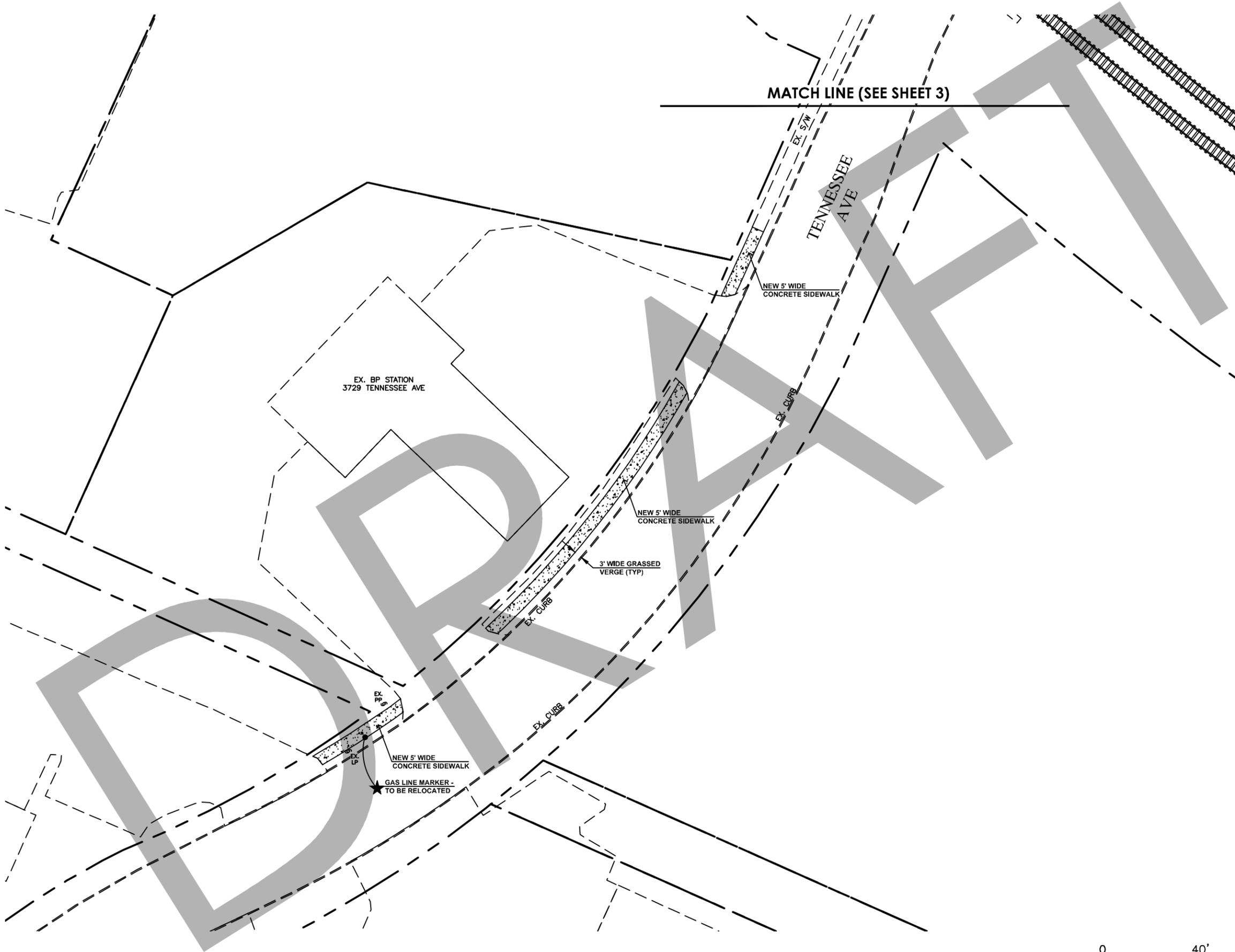
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1				

DATE:	6/6/2018
CONTRACT#	
SCALE:	
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 3

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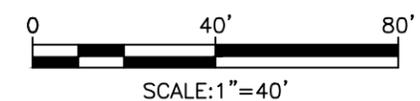
CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

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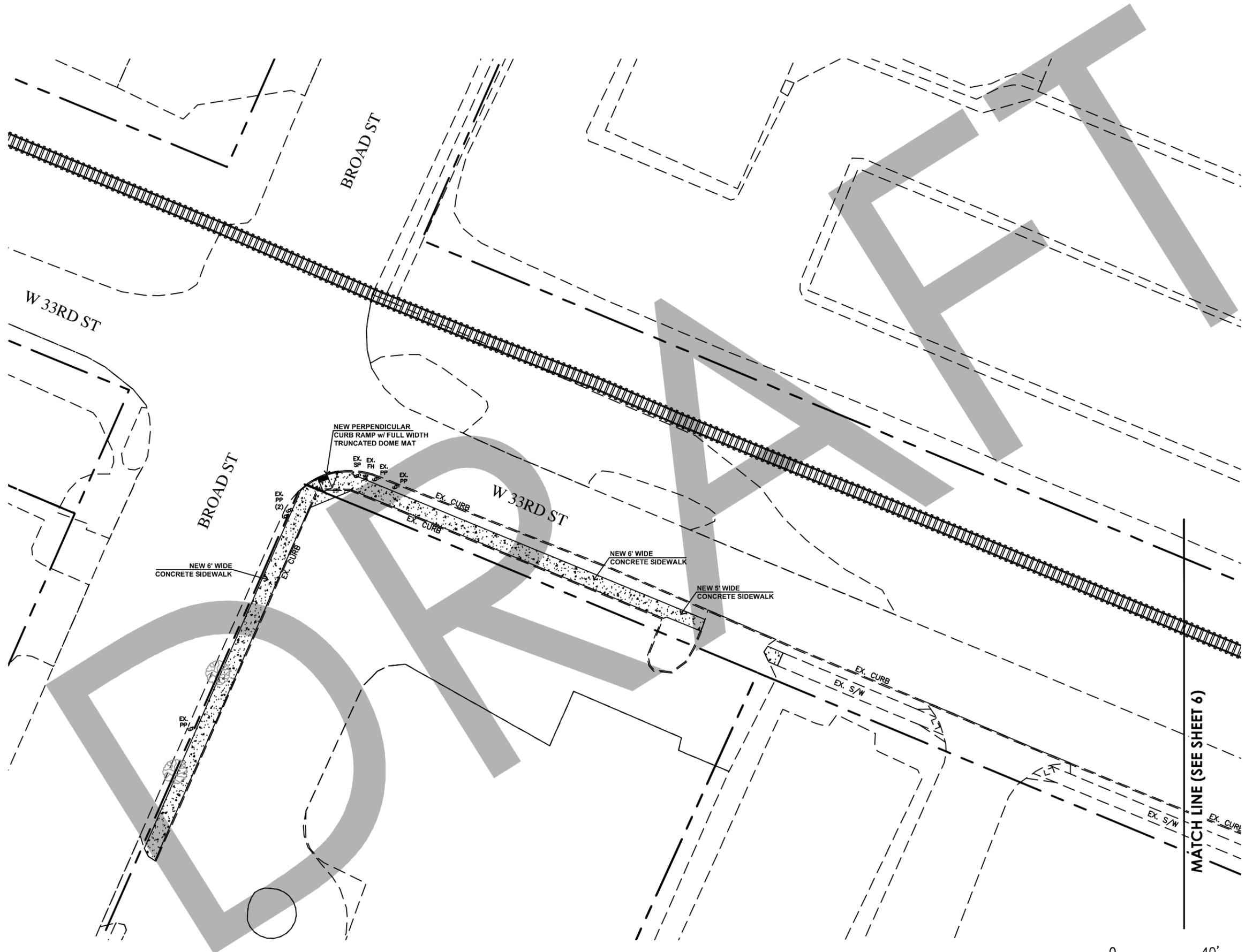


SITE PLAN

SHEET: 4

TENNESSEE

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
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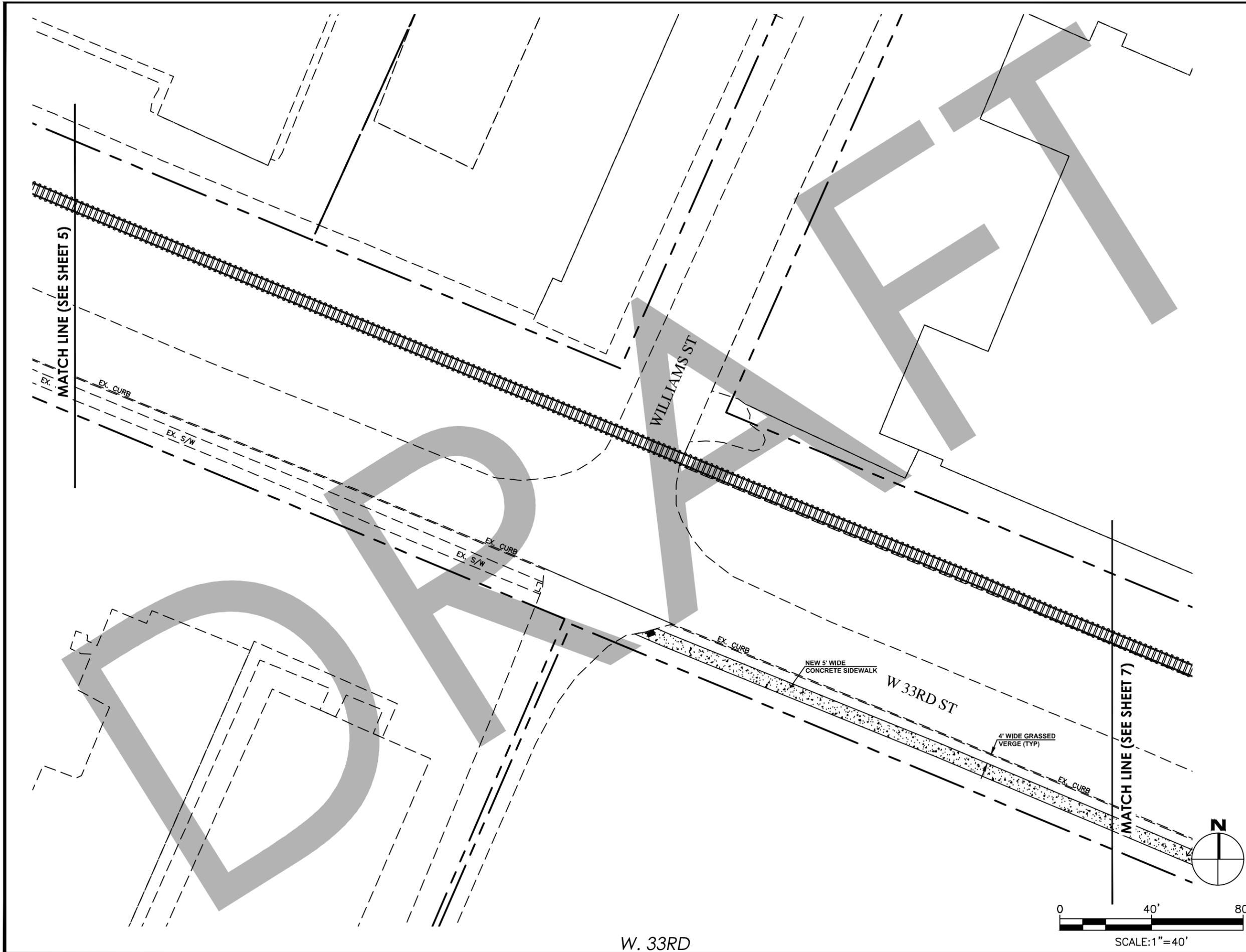
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CONTRACT#	
SCALE:	
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 5

W. 33RD

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

DATE: 6/6/2018

CONTRACT#

SCALE:

DRAWN: GMH

DESIGN: CHATT.

CHECKED: CHATT.

SITE PLAN

SHEET: 6



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

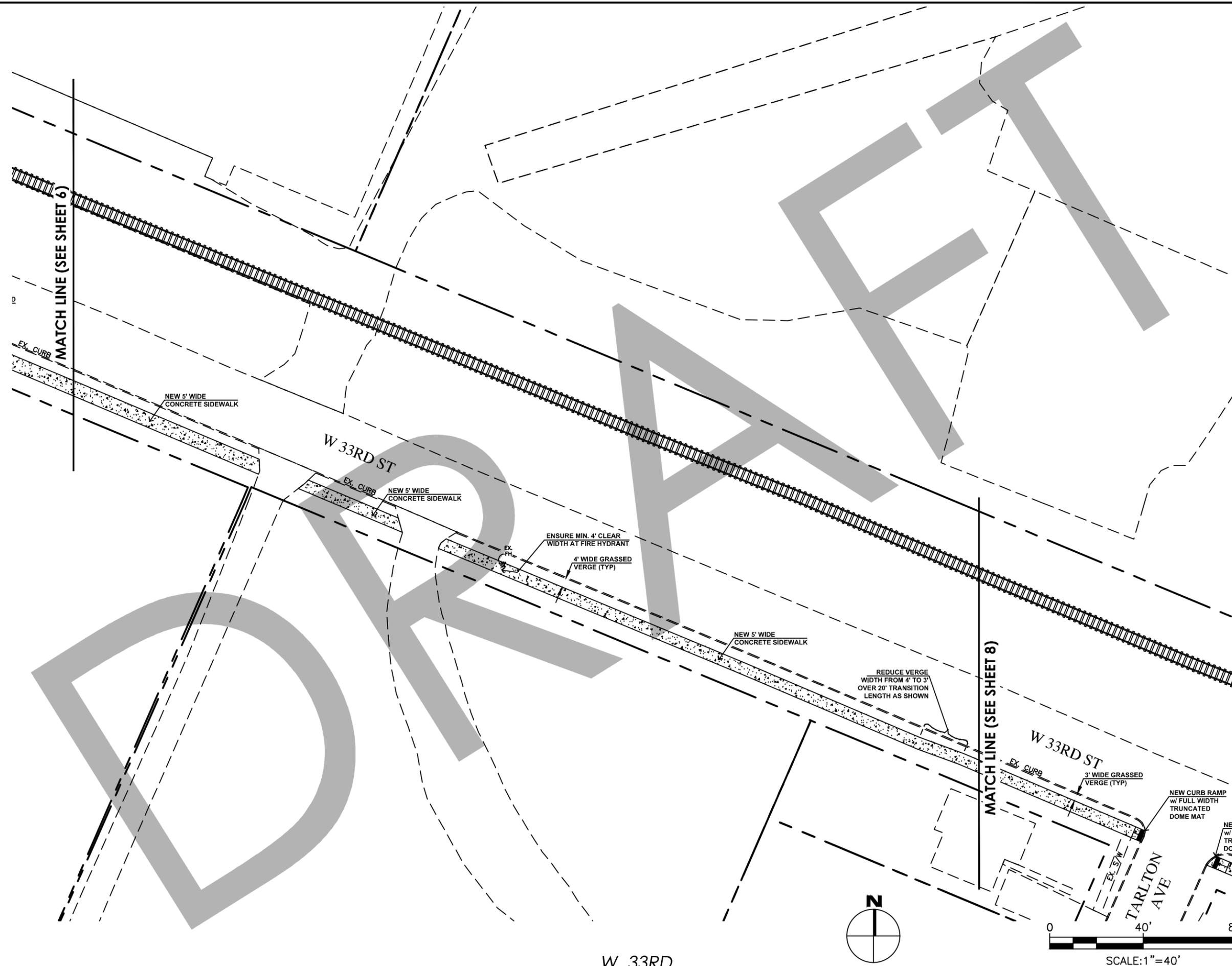
MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
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DATE:	6/6/2018
CONTRACT#	
SCALE:	
DRAWN:	GMH
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SITE PLAN

SHEET: 7



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W. 33RD



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

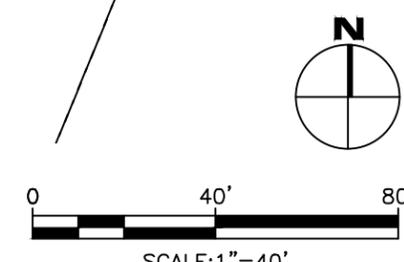
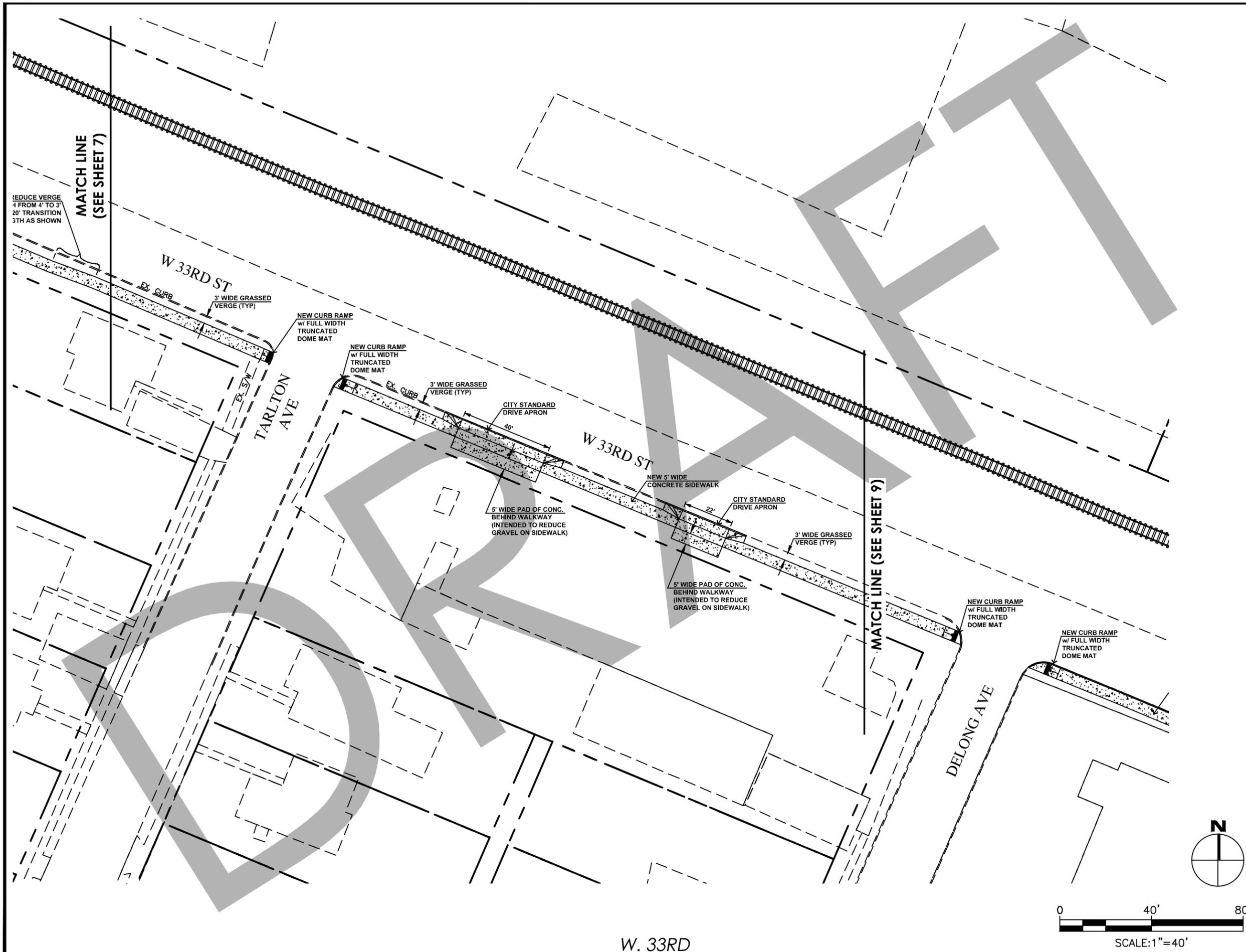
MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

DATE:	6/6/2018
CONTRACT#	
SCALE:	
DRAWN:	GMH
DESIGN:	CHATT.
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SITE PLAN

SHEET: 8



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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

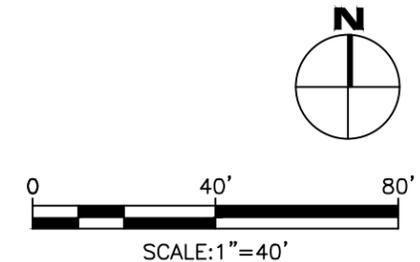
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#	DATE	REVISION	DES	SIG.
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CONTRACT#	
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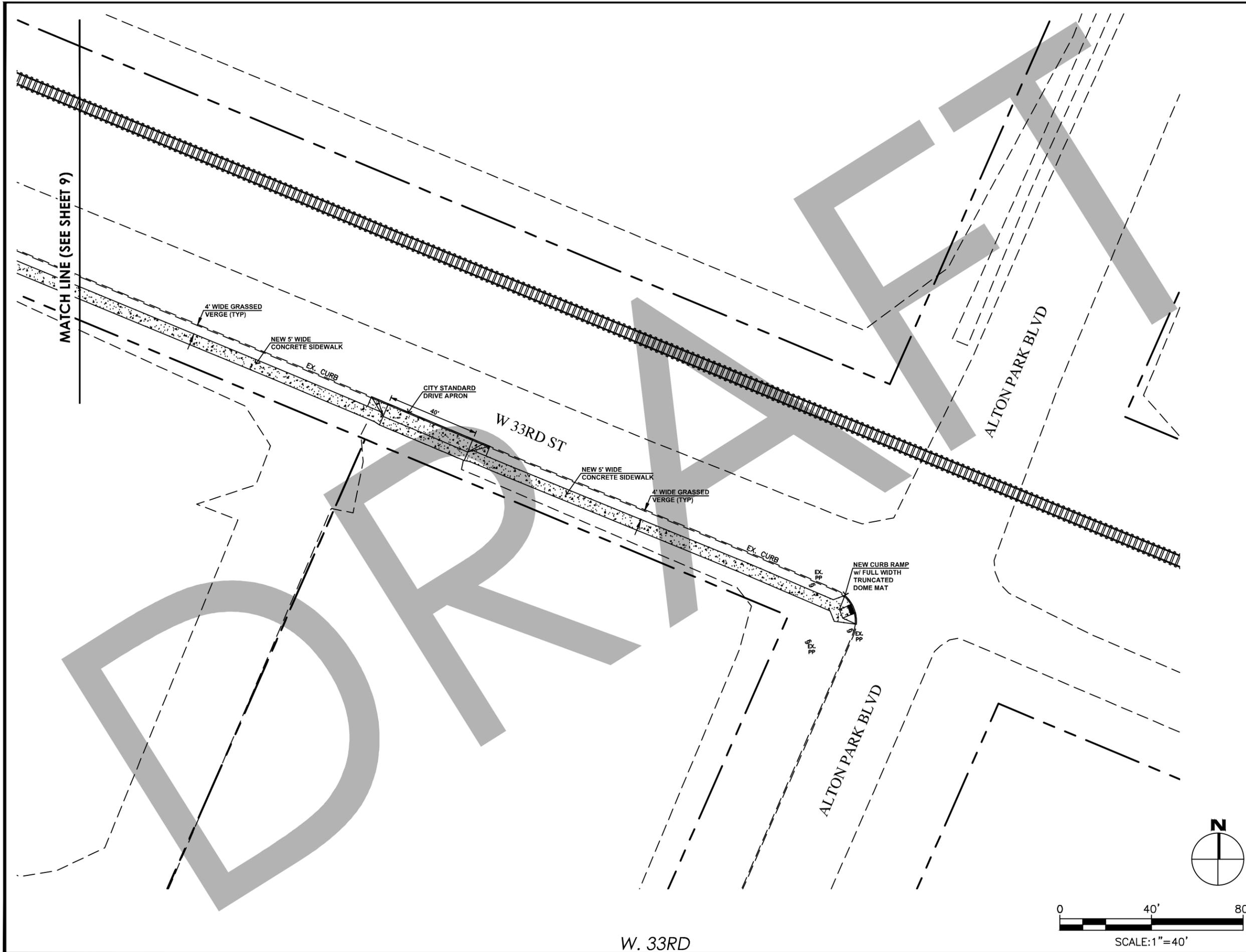
SITE PLAN

SHEET: 9



W. 33RD

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

DATE:	6/6/2018
CONTRACT#	
SCALE:	
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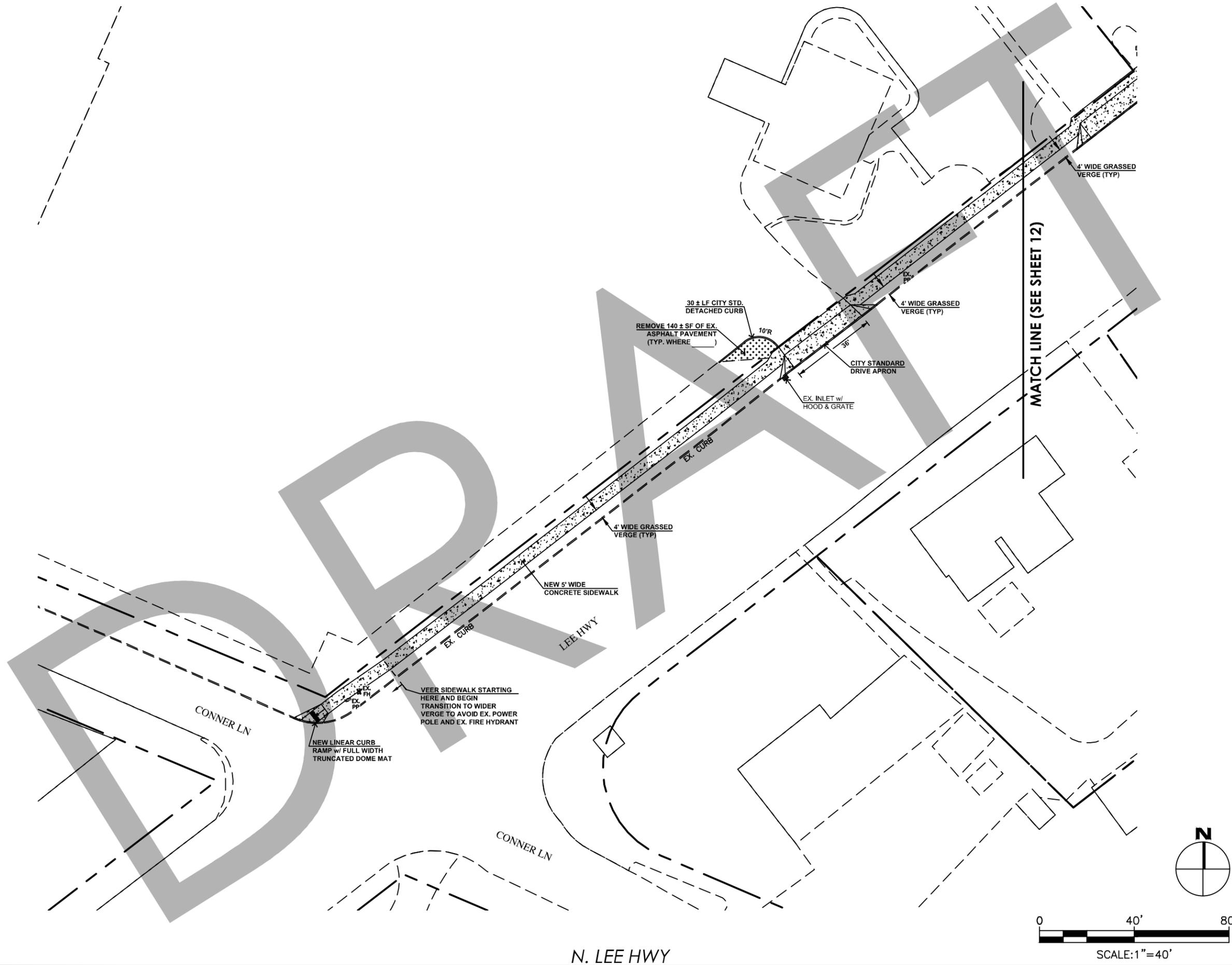
SITE PLAN

SHEET: 10



W. 33RD

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

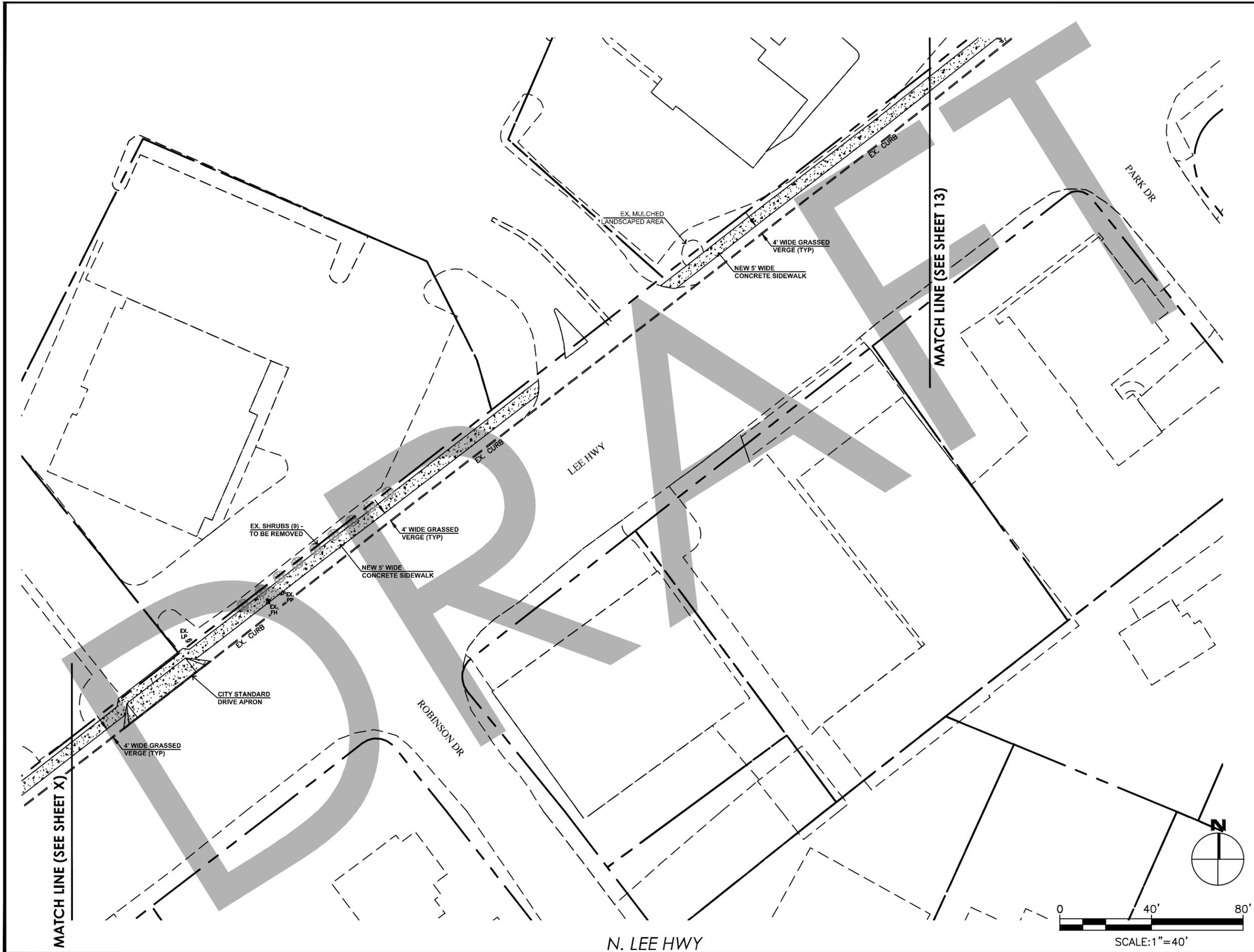
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DATE:	6/6/2018
CONTRACT#	
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SITE PLAN

SHEET: 11

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

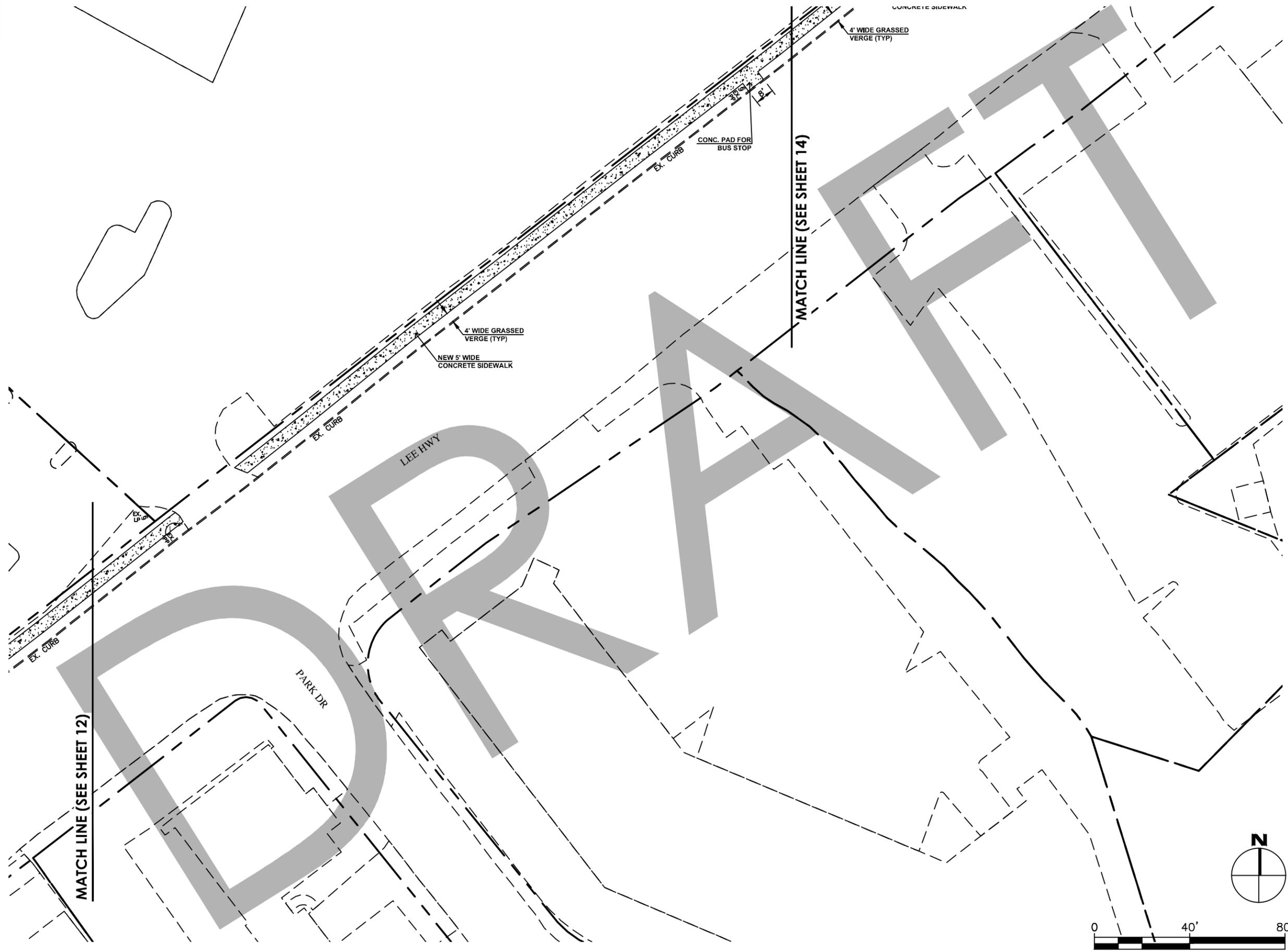
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1				

DATE:	6/6/2018
CONTRACT#	
SCALE:	
DRAWN:	GMH
DESIGN:	CHATT.
CHECKED:	CHATT.

SITE PLAN

SHEET: 12

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

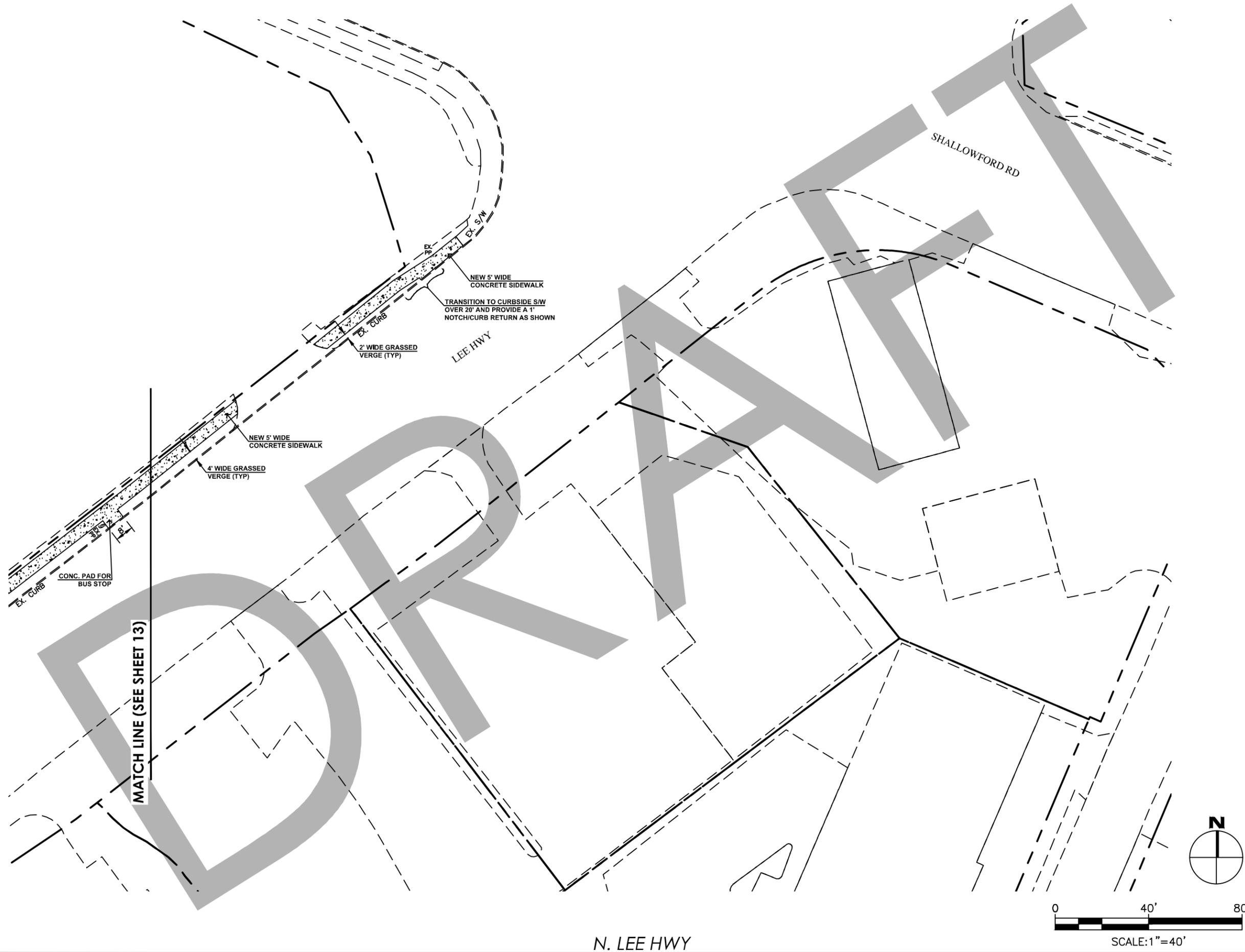
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CONTRACT#	
SCALE:	
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CHECKED:	CHATT.



SITE PLAN

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

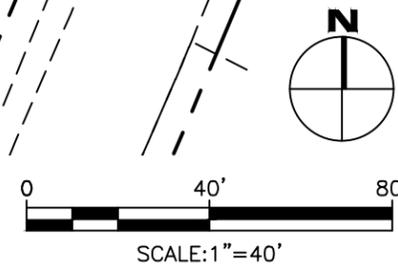
MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

DATE:	6/6/2018
CONTRACT#	
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CHECKED:	CHATT.

SITE PLAN

SHEET: 14



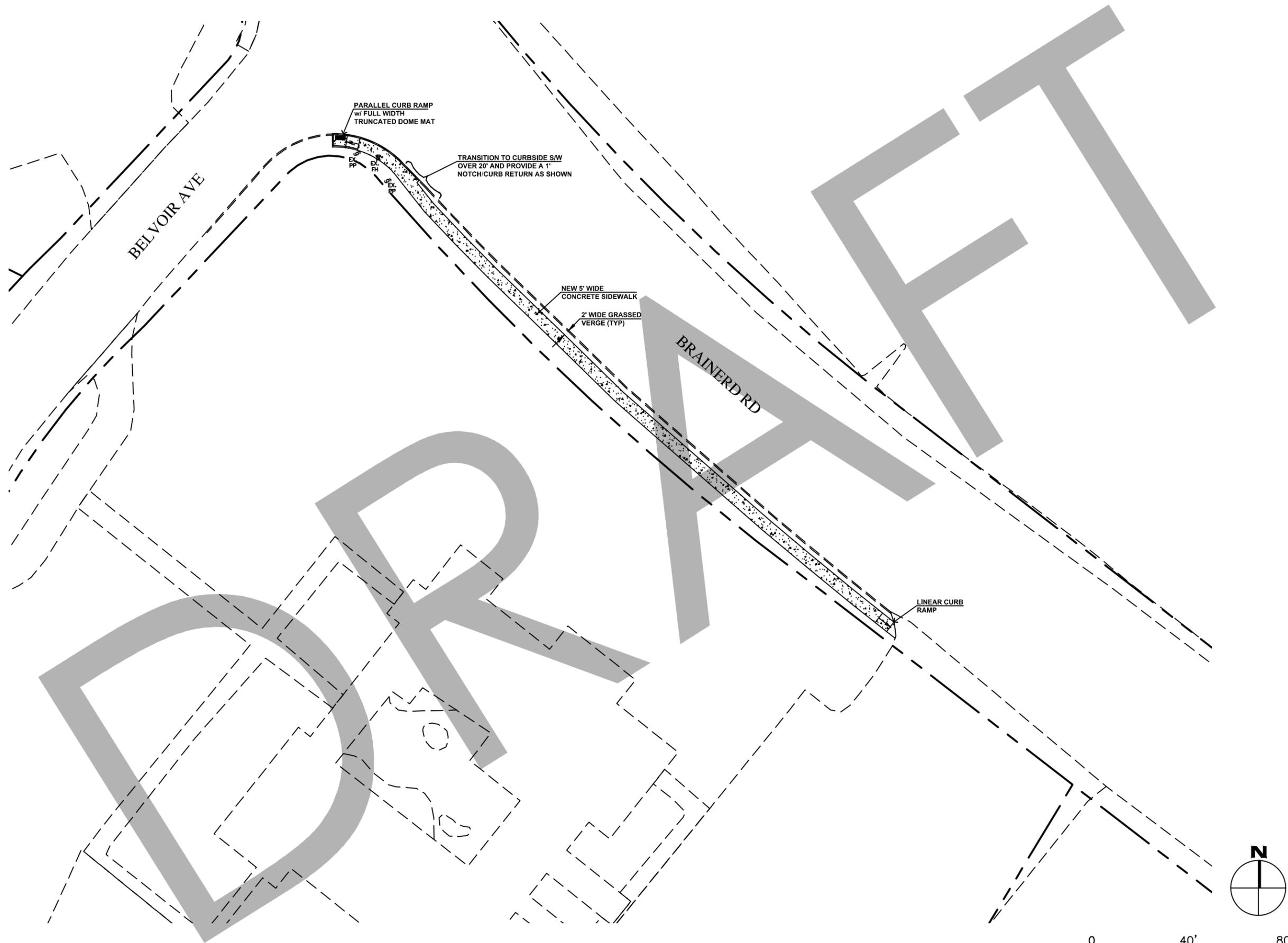
MATCH LINE (SEE SHEET 13)

N. LEE HWY

SHALLOWFORD RD

LEE HWY

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CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

DATE: 6/6/2018

CONTRACT#

SCALE:

DRAWN: GMH

DESIGN: CHATT.

CHECKED: CHATT.



SCALE: 1"=40'

BRAINERD RD

SITE PLAN

SHEET: 15



CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION

BLYTHE BAILEY

MARK HEINZER, P.E.

#	DATE	REVISION	DES	SIG.
1				

DATE: 6/6/2018

CONTRACT#

SCALE:

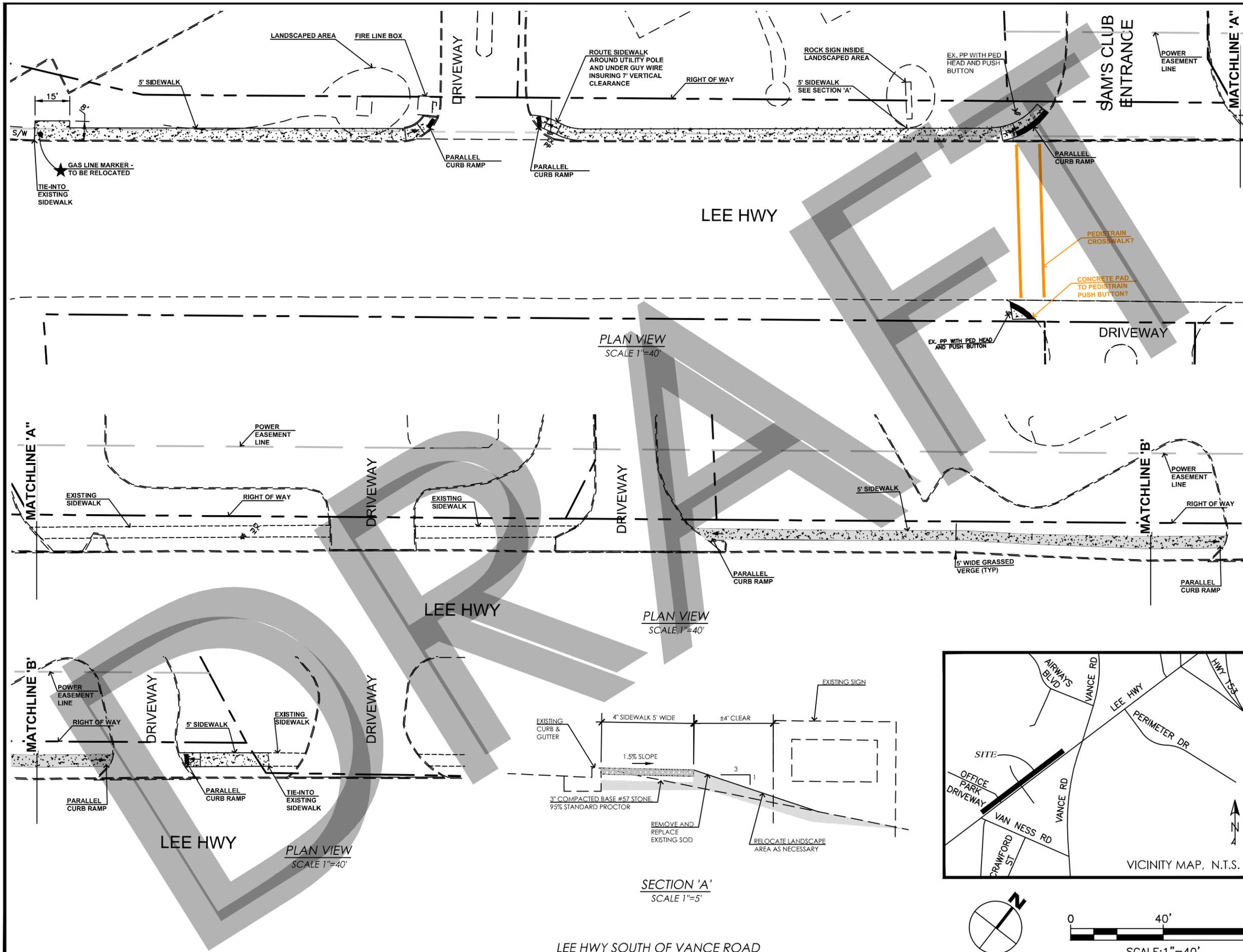
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SITE PLAN

SHEET: 16



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Appendix B – Muller Model AJ633

Appendix C – Supporting Drawings and Specifications

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Appendix D – River Gravel Concrete Section

Appendix E – River Gravel Concrete Mix

**Affirmative Action Plan
For
City of Chattanooga T-18-006-201**

(Name of Contractor)

The above named Contractor is an equal opportunity employer and during the performance of this contract, the Contractor agrees to abide by the Affirmative Action Plan of the City of Chattanooga as follows:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay, or other forms of compensation, and selection of training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or works' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. The DBE goal for this project has been set at 0%.
5. This Plan or any attachments thereto shall further provide a list of all employees annotated by job function, race, and sex who are expected to be utilized on this project.
6. During the term of this contract the following non-discriminatory hiring practices shall be employed to provide employment opportunities for minorities and women:

- a. All help wanted ads placed in newspapers or other publications shall contain the phrase “Equal Employment Opportunity Employer”.
 - b. Maintain systematic contracts with minority groups and human relations organizations.
 - c. Encourage present employees to refer qualified minority group and female applicants for employment opportunities.
 - d. Use only recruitment sources which state in writing that they practice equal opportunity. Advise all recruitment sources that qualified minority group members and women will be sought for consideration for all positions when vacancies occur.
7. During the term of this contract, the Contractor, upon request of the City of Chattanooga Office of Economic and Community Development, will make available for inspection by the City of Chattanooga Office of Economic and Community Development, copies of payroll records, personnel records, documents and other records that may be used to verify Contractor compliance with these equal opportunity provisions.
8. The Contractor agrees to notify the City of Chattanooga Office of Economic and Community Development of any failure or refusal on the part of the contractor or any subcontractors to comply with the equal opportunity provisions set forth. Any failure or refusal to comply with the aforementioned provisions by the Contractor and/or Subcontractors shall be a breach of this contract.

(Signature of Contractor)

(Title and Name of Construction Company)

(Date)

Chapter No. 817 (HB0261/SB0377). "Iran Divestment Act" enacted.
Vendor Disclosure and Acknowledgement

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to § 12-12-106.

(SIGNED) _____

(PRINTED NAME) _____

(BUSINESS NAME) _____

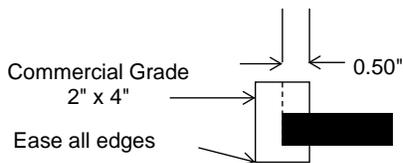
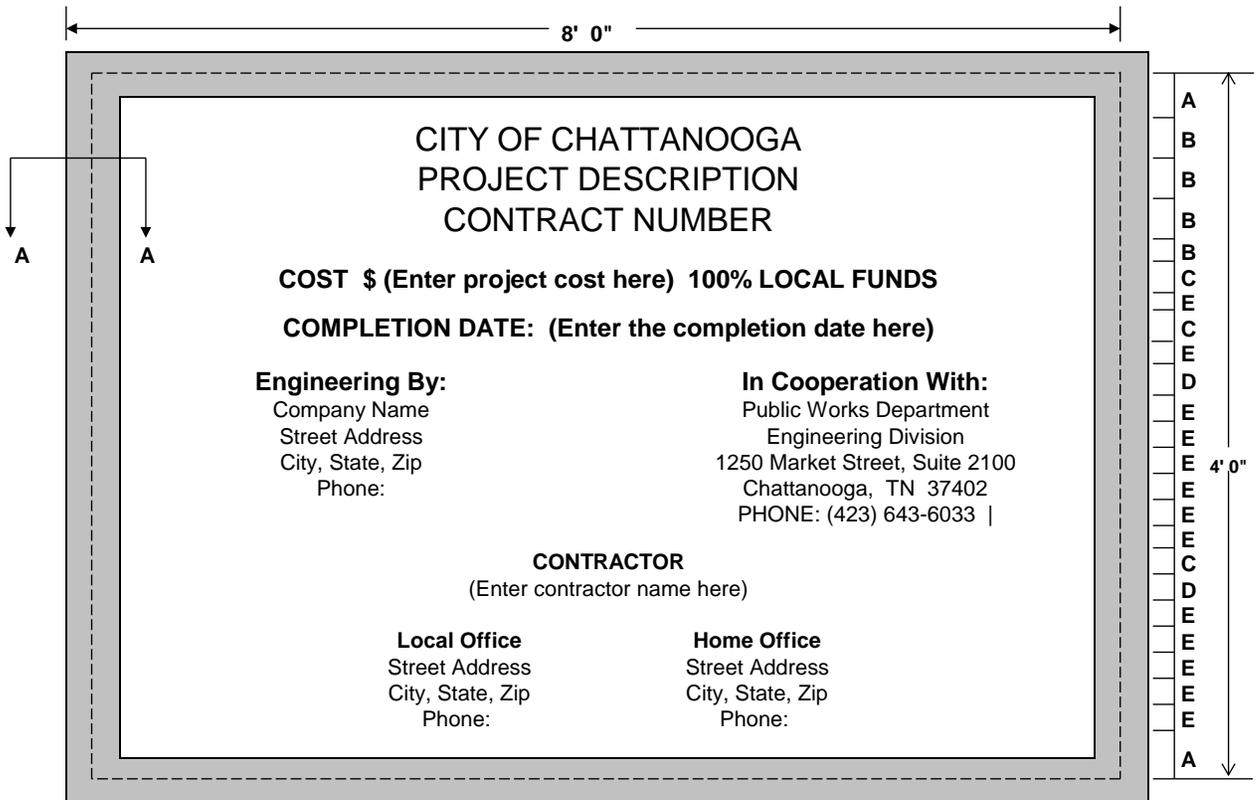
(DATE) _____

SECTION 00835

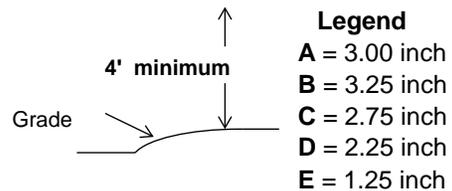
PROJECT SIGN

The Contractor shall erect two signs identifying the construction project at locations to be designated by the Engineer. The sign shall be substantially in accordance with the drawing on page 00835-1 and shall be made of oil base paint on 3/4-inch exterior plywood and maintained in good conditions until completion of the work defined under these Contract Documents. The Contractor shall submit a layout of the sign for approval by the Engineer.

No separate payment will be made for the signs. Payment shall be included in the unit or lump sum prices bid for other sections of work.



Section A - A



Notes:

1. Sign to be 3/4 inch thick exterior grade plywood.
2. Provide adequate supports to keep sign above prevailing grade to permit public viewing.
3. Edge, trim, and letters shall be dark blue; background shall be white.

PROGRESS PAYMENT REQUEST RETAINAGE

PAY ESTIMATE NUMBER: _____
(Place an R or RET next to the invoice number)

PERIOD: FROM _____ **TO** _____

CONTRACT NUMBER: _____

P.O. NUMBER: _____

PROJECT NAME: _____ **RESOLUTION NUMBER:** _____

SUBMITTED BY: _____

According to the best of our knowledge and belief, we certify that all items and amounts shown on the face of this periodic estimate for partial payment are correct, that all work has been performed and/or materials supplied in full accordance with the requirements of the referenced contract, and/or duly authorized deviations, substitutions, alterations, and/or additions that the foregoing is a true and correct statement of the contract account up to and including the last day of the period covered by this periodic estimate and that no part of the Balance Due in this payment has been received.

As per contract specification requirements we understand and agree that the approval of this progress payment shall not be construed as acceptance of any work, material, or products and shall not relieve us in any way from our responsibilities and obligations under this contract, including but not limited to, a final reconciliation of quantities and related costs.

RETAINAGE WITHHOLDING _____

SIGNED BY _____

SIGNATURE _____

DATE: _____

TITLE _____

APPROVALS

I certify that the above process payment request appears to be accurate and is in general compliance with the amount of work completed during progress payment period.

REVIEWED BY	(Print Name)	(Print Name)	(Print Name)
SIGNATURE & DATE			
TITLE	Inspector	Project Coordinator / Project Manager	Engineering Manager

APPROVED FOR PAYMENT

BY: _____

DATE: _____

DEPARTMENTAL AUTHORIZATION

Contract Name: _____

Contract Number: _____

New Retainage Escrow Account Set-up Form - Suntrust

(1) Legal Business Name:

(2) Business Address:

(3) TIN (Tax Identification No):

(4) Contact Name:

Telephone:

Email:

(5) Authorized Signer's Name & Title for Retainage Account:

(6) Owner's Names with Titles and Percentages:

(7) Please provide a copy of the following document that applies:

Corporation Articles of Incorporation

LLC Operating Agreement & Articles of Organization

Partnership Partnership Agreement

Reference Contract # _____

Contract Name: _____

LIMITED POWER OF ATTORNEY

Be it known that the undersigned CONTRACTOR _____ of the County of _____, State of _____ hereby makes and appoints the CITY of CHATTANOOGA (“CITY”) its true and lawful attorney for specific and limited purposes necessary to empower CITY to substitute certain retained funds for securities consistent with Tenn. Code Ann. § 12-4-108(c) and take custody of the securities and to negotiate said securities at any time and to any extent necessary to cause the contract to be fulfilled in accordance with its provisions.

CITY shall purchase said securities issued by SUNTRUST BANK consistent with CITY’s power to enter into a trust agreement with said bank as set forth in Tenn. Code Ann. § 12-4-108(i).

CITY shall perform all acts under this Limited Power of Attorney consistent with the requirements set forth in Tenn. Code Ann. § 12-4-108.

This Limited Power of Attorney is effective upon execution and shall remain in effect until such time of completion of the contract and satisfaction of any statutory obligations with respect thereto.

Signed this _____ day of _____,

Signature _____

Title _____

Reference Contract # _____

Contract Name: _____

CORPORATE RESOLUTION

BE IT RESOLVED, that _____, a Tennessee Corporation, hereby authorized and empowers the following Officers:

to make, execute and deliver, in behalf of the corporation, unto the CITY OF CHATTANOOGA ("CITY"), its ATTORNEY-IN-FACT, with full power and authority to substitute certain retained funds for securities and take custody of and negotiate said securities at any time and to any extent necessary to cause the contract to be fulfilled. Pursuant to Tenn. Code Ann. § 12-4-108, SUNTRUST BANK shall oversee the safekeeping, custodial care and servicing of securities to the extent necessary to effectuate the purposes of the applicable state law.

BE IT ALSO RESOLVED, that the foregoing resolutions and the authority granted the individuals herein named, shall continue until canceled by delivery to and receipt by CITY, of written notice by a duly authorized representative of the corporation canceling any or all of the foregoing resolutions.

IN WITNESS WHEREOF, I have executed my name as Secretary this _____ day of _____, _____.

BY: _____

TITLE: _____

Contract Name: _____

Contract Number: _____

ESCROW AGREEMENT

THIS AGREEMENT is entered into this _____ day of _____, 20____, by and between the CITY OF CHATTANOOGA (“Project Owner”), _____ (“Contractor”), and SUNTRUST BANK, a Georgia state banking corporation (“Bank”) as escrow agent.

WITNESSETH:

WHEREAS, Project Owner and Contractor entered into a construction contract dated _____ (the “Contract”). The Contract provides that five percent (5%) of progress payments made under the Contract will be withheld as retainage (“Retainage”) from the total of progress payments made by Project Owner to Contractor; and

WHEREAS, pursuant to T.C.A. § 66-34-104 (the “Statute”), the amount withheld as Retainage is to be deposited in a separate escrow account maintained with a third party, at which time the funds pass out of the control of the Property Owner and shall become the sole and separate property of the Contractor, subject to the terms of this Escrow Agreement; and

WHEREAS, Project Owner and Contractor desire that all Retainage withheld under the Contract, be deposited in an interest bearing escrow account pursuant to and in compliance with the Statute; and

WHEREAS, Bank has agreed to accept the Retainage and cause it to be placed in an interest bearing escrow account and to act as escrow agent for said account.

NOW, THEREFORE, in consideration of the premises and mutual covenants and promises hereinafter set forth, it is agreed as follows:

1. In accordance with the requirements of the Statute, Project Owner shall deposit and the Bank shall hold in an interest bearing escrow account, Account No. _____ (“Escrow Account”) all Retainage held pursuant to the Contract.

2. All Retainage withheld from payments to Contractor by Project Owner under the Contract, from this date forward, be deposited in said Escrow Account.

3. The Bank, as escrow agent, shall hold and maintain the Retainage in the Escrow Account until the Bank is presented with a release signed by Project Owner and Contractor, a form of which is attached hereto as Exhibit A, authorizing the disbursement of all or a portion of the funds held on deposit in the Escrow Account plus any accrued interest to Contractor; provided that notwithstanding this Section 3, the Bank may comply with the order of any court of applicable jurisdiction which affects the payment of all or any portion of the funds in

the Escrow Account. The account will use Contractor's tax identification number, and Contractor will furnish the Escrow Agent with a W-9 form for this purpose.

4. In the event of any dispute between the parties resulting in adverse demands being made in connection with this deposit in Escrow, or in the event that any of the parties hereto do not agree as to the disposition of the funds in the Escrow Account, the parties hereto agree that the Bank shall be released of any further obligation under this Agreement by tendering the funds maintained in the Escrow Account into a court of competent jurisdiction in an action in the nature of an interpleader, and the Bank shall have the right to recover its reasonable attorney fees and costs from Project Owner and Contractor, each of whom shall be jointly and severally liable therefor.

5. The Contractor hereto agrees to indemnify and hold Bank harmless from any loss, damages, or liabilities of any kind whatsoever, whether foreseen or unforeseen, whether direct or indirect arising out of or in connection with this Agreement, the Escrow Account and the funds contained therein, or the performance of the Bank's obligations hereunder, except liability resulting from Bank's gross negligence or willful misconduct. The Bank may rely upon the signatures of any correspondence from either or both of Project Owner and/or Contractor as being the authentic signatures of the Project Owner or Contractor or, if the Project Owner or Contractor are not natural persons, of persons duly authorized to act on behalf of the Project Owner or Contractor.

6. The Bank shall not be bound by any modification, amendment, termination, cancellation, rescission or supersession of this Escrow Agreement unless the same shall be in writing and signed by all of the other parties hereto and, hereunder are effected thereby, unless it shall have given prior written consent thereto.

7. The Project Owner and Contractor agree, jointly and severally, to reimburse the Bank for any all costs, damages, expenses or claims, including attorney's fees, which Bank may incur or sustain as a result of or arising out of this Escrow Agreement or Bank's duties relating thereto (except for Bank's willful misconduct or negligence) and will pay them ON DEMAND; and the Bank is hereby given a lien upon, and security interest in, the property deposited in the Escrow Account, to secure Bank's rights to payment or reimbursement.

8. The Bank agrees to provide a statement of the Escrow Account each month to the Project Owner during the term of this Escrow Agreement.

9. The Bank shall receive **no fee** in connection with its rendering of services as escrow agent pursuant to the terms of this Escrow Agreement.

10. The Project Owner and Contractor acknowledge that subject to the rights of Contractor to the Retainage, the Bank maintains a security interest and lien against the Escrow Account and funds contained therein.

11. The Contractor agrees that the Project Owner is not responsible to Contractor for any loss of the Retainage that occurs should Bank be placed in receivership, be taken over by its regulators or otherwise be subject to financial failure.

12. This Escrow Agreement may be executed in three or more counterparts, each of which will be deemed to be an original agreement, but all of which will constitute one and the same document. A counterpart executed by a party and transmitted by facsimile to the other parties will have the same effect as delivery of the original counterpart.

13. This Agreement shall be construed in accordance with the laws of the State of Tennessee without regard to its conflict of law principles.

ENTERED INTO as of the date first above written.

CONTRACTOR:

By: _____

Title: _____

PROJECT OWNER:

CITY OF CHATTANOOGA

By: _____

Title: _____

BANK:

SUNTRUST BANK

By: _____

Title: _____

Contract Name: _____

Contract Number: _____

EXHIBIT A

RELEASE

The undersigned, City of Chattanooga, as the Project Owner pursuant to a Construction Contract with _____ (“Contractor”) dated _____ (the “Contract”) hereby certifies that Contractor fully and completely finished all work required of Contractor pursuant to such Contract, except work which may be required pursuant to any guaranty or warranty contained in such Contract, and the undersigned hereby authorizes SunTrust Bank (“Bank”) to release _____ (\$_____) paid as retainage pursuant to that certain Escrow Agreement between and among the undersigned, City of Chattanooga (“Project Owner”), Contractor, and Bank, and dated the _____ day of _____, 20____, which agreement is specifically incorporated herein by reference.

This release is executed for the sole purpose of releasing the amounts held in escrow as aforesaid and specifically does not, and shall not, be construed to release or otherwise affect any claims or rights which Project Owner has or may have against Contractor pursuant to said contract or the work performed thereunder.

Attest:

PROJECT OWNER:

Secretary

CITY OF CHATTANOOGA

By: _____
Title: _____

STATE OF _____
COUNTY OF _____

Affiant makes oath that the above is true, as sworn before me, a Notary Public, this _____ day of _____, 20_____.

(SEAL)

Notary Public
My Commission Expires: _____

APPROVED BY CONTRACTOR:

By: _____
Title: _____