



February 20, 2017

**ADDENDUM #3
8TH STREET ROAD IMPROVEMENT PROJECT
CITY OF CHATTANOOGA CONTRACT # T-16-014-201**

Item #1. Clarification: According to the City of Chattanooga Department of Public Works, the scope of demolition activities to be performed by the City is as follows:

- Removal of 7 existing trees along 8th Street.
- Demolition and removal of existing concrete sidewalk to existing base stone.
- Milling/removal of existing asphalt and/or concrete pavement within the project limits to existing base stone.

All other demolition activities identified on Sheet C-7A of the construction documents shall be completed by the contractor. Please note that given the scope of the City's demolition services, the pavement specifications as shown on Details #4, #5 & #6 of Sheet C-12 have been revised – See Item #9 below. Also, the bid schedule has been revised as indicated per Item #6 below.

Item #2. Clarification: There are only 10 pedestrian lights to be installed as part of the 8th Street Road Improvement Project. The two new lights shown along Pine Street (south of the intersection of 8th/Pine Street) shall be installed as part of the Pine Street Road Improvement contract. All costs associated with the purchase and installation of said pedestrian lighting and appurtenances shall be incurred by the contractor. Please note that the bid schedule has been amended to add a line item for proposed furnishings – See Item #6 below.

Item #3. Clarification: As indicated in Item #8 on Addendum #2 issued on 2/17/17, there is to be an allowance of \$35,000 for all site furnishings indicated on the contract documents. There are presently no specifications for said furnishings as the City is working to finalize and issue them to the awarded contractor.

Item #4. Clarification: The cost to purchase and properly install the sidewalk pavers and detectable warning pavers as indicated shall be included in the lump sum amount for the Concrete Formwork, Concrete Reinforcement, Cast-in-Place Concrete & Precast Concrete Pavers (Sidewalks, Driveways, Curb & Gutter, Handicap Ramps with Detectible Warning Pavers, Sidewalk Pavers) section of the bid schedule as indicated on Page 00301-4. Unit Price line items have been added to the bid schedule as indicated on page 00301-5 (see Item #6 below).

Item #5. Clarification: The cost for General Conditions has been included in the bid schedule with Mobilization as indicated on page 00301-2 (see Item #6 below).

Item #6. Replace Bid Schedule (originally included in the Contract Documents & Specifications dated 01/13/17) with the enclosed revised Bid Schedule (dated 02/20/17). Note the revisions consist of:

- Revision of the Mobilization line item to include the cost of mobilization, surveying, supervision and any other general conditions pertinent to the scope of this project as indicated on page 00301-02.
- Revision of Concrete Formwork Section on page 00301-04 & 05 with the following changes:
 - Removed unit price line item for 4" Concrete Pavement for on-street parking.
 - Removed unit price line item for 5" Concrete Pavement for concrete roadway.
 - Removed unit price line item for 7" Concrete Pavement for intersection.
 - Revised unit price line item for 5" Concrete Pavement for On-Street Parking to follow City standard specifications but add "fibermesh" to the concrete section.
 - Revised unit price line item for 6" Concrete Pavement for Roadway to follow City standard specifications but add "fibermesh" to the concrete section.
 - Revised unit price line item for 10" Concrete Pavement for Intersection to follow City standard specifications but add "fibermesh" to the concrete section.
 - Added unit price line item for #57 base stone for sidewalk areas needed to achieve final subgrade elevation per the construction documents.
 - Added unit price line item for mineral aggregate base stone for concrete pavement areas needed to achieve final subgrade elevation per the construction documents.
- Addition of unit price line item for detectable warning pavers indicated on page 00301-05.
- Addition of unit price line item for Belgard Moduline Pavers as indicated on page 00301-05.
- Addition of lump sum amount for proposed furnishings as indicated on page 00301-06.

Item #7. Replace Sheet C-2 – Typical Road Sections (Originally dated 01/13/17) – with attached Sheet C-2 – Typical Road Sections (Revision #2 dated 02/20/17). Note the revisions consist of:

- Revising Section F-F to reflect a 12" wide header curb vs. 6" wide header curb.

Item #8. Replace Sheet C-3 – Typical Road Sections (Originally dated 01/13/17) – with attached Sheet C-3 – Typical Road Sections (Revision #1 dated 02/20/17). Note the revisions consist of:

- Revising note on Section J-J regarding the paver edge restraint behind the planter area.
- Revising note on Section K-K regarding the paver edge restraint behind the planter area.

Item #9. Replace Sheet C-12 – Site Details (Originally dated 01/13/17) – with attached Sheet C-12 – Site Details (Revision #3 dated 02/20/17). Note the revisions consist of:

- Revising Detail #4, #5 & #6 to reflect pavement thicknesses based upon the City removing the existing pavement/concrete to existing stone base.

Should you have any questions regarding this information, please submit the required RFI to the City of Chattanooga Purchasing Department.

Sincerely,



Derek Blackwood, P.E.
MAP Engineers, LLC

BID SCHEDULE					
8th Street Road Improvement Project					
Contract No. T-16-014-201					
City of Chattanooga, Tennessee					
Spec. Sect. / Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
717	Mobilization & General Conditions (Lump Sum Price to include: Mobilization, Surveying, Supervision & other General Condition items pertinent to the scope of this project.	LUMP SUM:			
15 / 23	Demolition/Removal (Complete as required and/or as specified for demolition activities not performed by the City Department of Public Works)	LUMP SUM:			
02220	Grading (Complete as required and/or as specified)	LUMP SUM:			
	Common Excavation as required and/or as specified.	CY	N/A		
	Rock Excavation as required and/or as specified	CY	N/A		
	Imported Fill Material (Suitable Soils), Including all required testing, transportation to site, installation and compaction to required specifications, complete-in-place as required and/or as specified.	CY	N/A		
	Imported Fill Material (stone backfill), As directed by the Geotechnical Engineer, Including all required testing, transportation to site, installation and compaction to required specifications, complete-in-place as required and/or as specified.	CY	N/A		
	Excavation of Unsuitable Soils (as determined by the Engineer) and Proper Offsite Disposal by the contractor as required.	CY	N/A		
98	Slope Protection and Erosion Control (Complete-in-place as required and/or as specified. Includes Cost of Maintenance during Construction)	LUMP SUM:			
16410	Temporary Traffic Control (Temporary Traffic Control Signs & Barricades, including installation and removal as required and/or as specified. Contractor to coordinate with Rick Davis of Chattanooga Dept. of Transportation as required to prepare and implement an acceptable Traffic Control Plan)	LUMP SUM:			

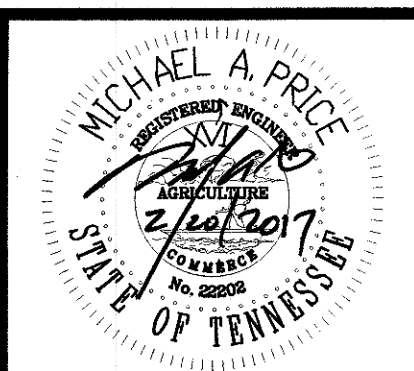
BID SCHEDULE
8th Street Road Improvement Project
Contract No. T-16-014-201
City of Chattanooga, Tennessee

Spec. Sect. / Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
7 / 31 / 33 / 34 / 38 / 15062	Storm Drainage System (All structures & piping complete-in-place as required and/or as specified, Including Excavation, Butyl Rubber Gaskets, Fittings, Frames/Covers, Grates, Stone Bedding, Stone Backfill in Paved Areas to Subgrade, Modifications/Repairs to Existing Structures, etc.)	LUMP SUM:			
	4-Foot Diameter Curb Inlet				
	0 to 6.0 Feet Deep.	EA	N/A		
	6.1 to 8.0 Feet Deep.	EA	N/A		
	4-Foot Diameter Yard Inlet				
	0 to 6.0 Feet Deep.	EA	N/A		
	6.1 to 8.0 Feet Deep.	EA	N/A		
	4-Foot Diameter Junction Box				
	0 to 6.0 Feet Deep.	EA	N/A		
	6.1 to 8.0 Feet Deep.	EA	N/A		
	28-Inch Square Type "B" Inlet				
	0 to 6.0 Feet Deep.	EA	N/A		
	Form-in-place Drop Inlet				
	0 to 6.0 Feet Deep.	EA	N/A		
	Storm Pipes				
	0 to 6.0 Feet Deep (In Pavement)				
	15" Diameter RCP	LF	N/A		
	8" Diameter DIP	LF	N/A		
	Polydrain Trench Drains & Grates				
	Polydrain Trench Drains & Grates System, Complete-in-Place, as required and/or as specified.	LF	N/A		
	Modifications/Repairs to Existing Structures				
	Raise Existing Manhole, Inlet, or Catch Basin, including any repairs needed, Complete-in-Place, as required and/or as specified.	EA	N/A		
	Core Drilling Existing Manhole, Inlet, or Catch Basin, including any repairs needed, Complete-in-Place, as required and/or as specified.	EA	N/A		
	Convert Existing Curb Inlet Structure to Junction Box, including any repairs needed, Complete-in-Place, as required and/or as specified.	EA	N/A		

BID SCHEDULE 8th Street Road Improvement Project Contract No. T-16-014-201 City of Chattanooga, Tennessee					
Spec. Sect. / Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
N/A	Coordination with Utility Companies For Relocation of Utilities and/or Raise Existing Utility Valve Covers (Contractor coordination with all Utility Companies for relocation of Gas, Electric, Water, Phone/Internet/Cable, etc. as required, and to include providing and maintaining sufficient construction staking for the above Utilities to install their mains/lines and/or conduit sleeving.)	LUMP SUM:			
	Raise Existing Utility Valve Covers, including any repairs needed, Complete-in-Place, as required and/or as specified.	EA	N/A		
03110 / 03240 / 03310 / 16 / 17 / 25 / 73 / Appendix	Concrete Formwork, Concrete Reinforcement, Cast In Place Concrete & Precast Concrete Pavers (Sidewalks, Driveways, Curb & Gutter, Handicap Ramps with Detectable Warning Pavers, Sidewalk Pavers) (Complete-in-place as required and/or as specified)	LUMP SUM:			
	4-Inch Thick Concrete Sidewalk, Including 2-Inches of No. 57 Stone, Complete-in-Place, as required and/or as specified.	SF	N/A		
	6-Inch Thick Concrete Driveway, Including 2-Inches of No. 57 Stone, Complete-in-Place, as required and/or as specified.	SF	N/A		
	Concrete Curb and Gutter "Type A", Including Drop Curb at Handicap Ramps, Driveways, Complete-in-Place, as required and/or as specified.	LF	N/A		
	18-Inch Wide Concrete Valley Gutter, Complete-in-Place, as required and/or as specified.	LF	N/A		
	6-Inch Wide Concrete Header Curb at Tree Wells, Complete-in-Place, as required and/or as specified.	LF	N/A		
	Concrete Paving for On-Street Parking with Integral Coloring				
	5-Inch Thick Plain Portland Cement Concrete Pavement with Fibermesh, Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified.	SF	N/A		

BID SCHEDULE 8th Street Road Improvement Project Contract No. T-16-014-201 City of Chattanooga, Tennessee					
Spec. Sect. / Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
	Concrete Paving for Roadway with Integral Coloring & Scoring				
	6-Inch Thick Plain Portland Cement Concrete Pavement with Fibermesh, Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified.	SF	N/A		
	Concrete Paving for Intersections with Integral Coloring & Stamping				
	10-Inch Thick Plain Portland Cement Concrete Pavement with Fibermesh, Including Integral Coloring, Stamping & Scoring, Complete-in-Place, as required and/or as specified.	SF	N/A		
	Base Stone for Sidewalks & Pavement Areas				
	No. 57 Base Stone for Sidewalks - Complete-in-Place, as required and/or as specified to achieve subgrade elevation as indicated on construction documents	Ton	N/A		
	Mineral Aggregate Base Stone for Concrete Pavement Areas - Complete-in-Place, as required and/or as specified per TDOT Spec. Section 303 to achieve subgrade elevation as indicated on construction documents	Ton	N/A		
	Precast Pavers & Detectable Warning Pavers				
12 / 21 / 22 / 25 / 26 / 27 / 53 / 67 / 73	24"x24" Hanover Detectable Warning Pavers (or approved equivalent) - Width of Paver Band to be 24" Wide (Complete-in-Place, as required and/or as specified)	LF	N/A		
	Belgard Moduline Pavers - 4"x18" Paver Unit (Complete-in-Place, as required and/or as specified)	SF	N/A		
	LUMP SUM:				
	Overlay - 1 1/2 of Asphaltic Concrete Surface Course , Grading E, (Includes Cost of Tack Coat), as required and/or as specified.	SY	N/A		
	Standard Full Depth Pavement Section (8/2.5/15) composed of: 1.5-Inches of Asphaltic Concrete Surface, Grading E, (Includes Cost of Tack Coat); 2.5-Inches of Asphaltic Concrete Binder, Grading BM or BM-2, (Includes Cost of Prime Coat); and 8-Inches of Mineral Aggregate Base, Type A, Grading D, complete-in-place as required and/or as specified on properly compacted subgrade.	SY	N/A		

BID SCHEDULE 8th Street Road Improvement Project Contract No. T-16-014-201 City of Chattanooga, Tennessee					
Spec. Sect. / Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
02485 / 02810	Landscaping (Including Root Barriers, Trees, Shrubs & Ground-level plantings, Complete-in-place as required and/or as specified)	LUMP SUM:			
36	Topsoil in Landscaped Areas (Complete-in-place as required and/or as specified)	LUMP SUM:			
02452	Traffic Signs & Pavement Markings (Complete-in-place as required and/or as specified)	LUMP SUM:			
N/A	Pedestrian Lighting (Complete-in-place as required and/or as specified)	LUMP SUM:			
N/A	Furnishings (Complete-in-place as required and/or as specified)	LUMP SUM:			
Total Lump Sum Base Bid: _____					



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MAP ENGINEERS L.L.C.

**8TH STREET & PINE STREET
ROAD IMPROVEMENT PROJECT**
FOR:
**CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION**



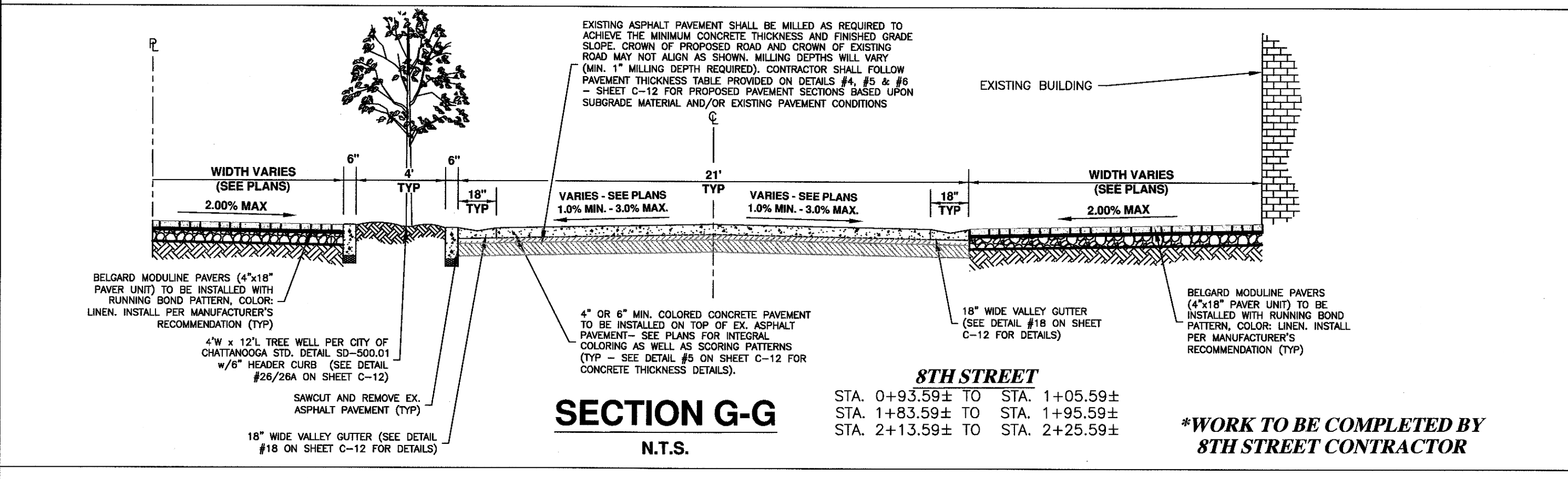
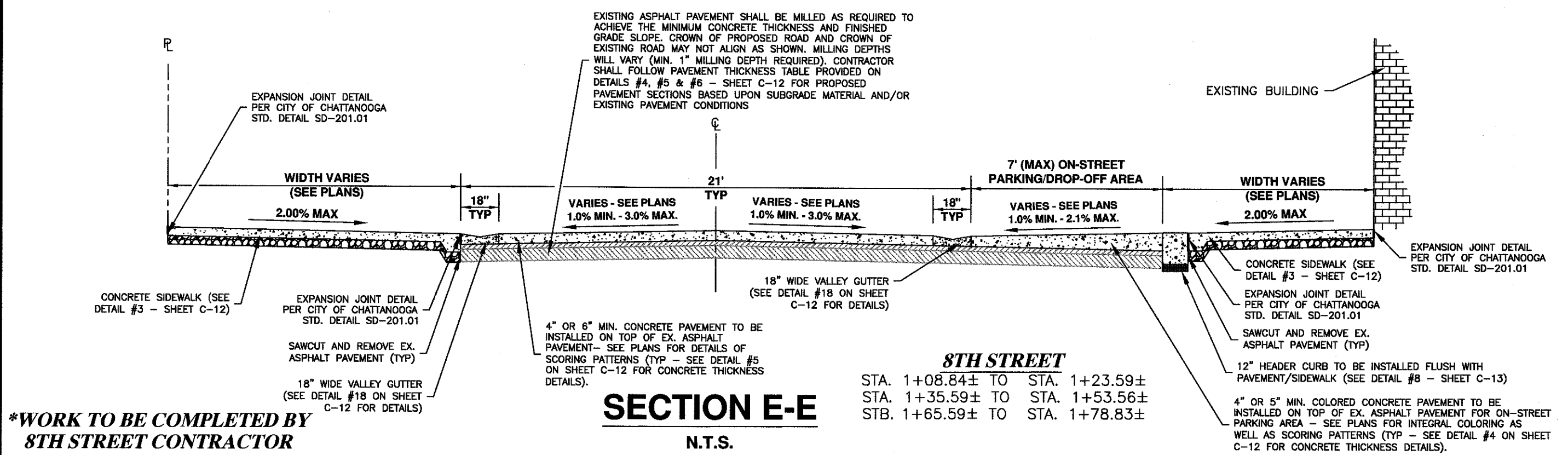
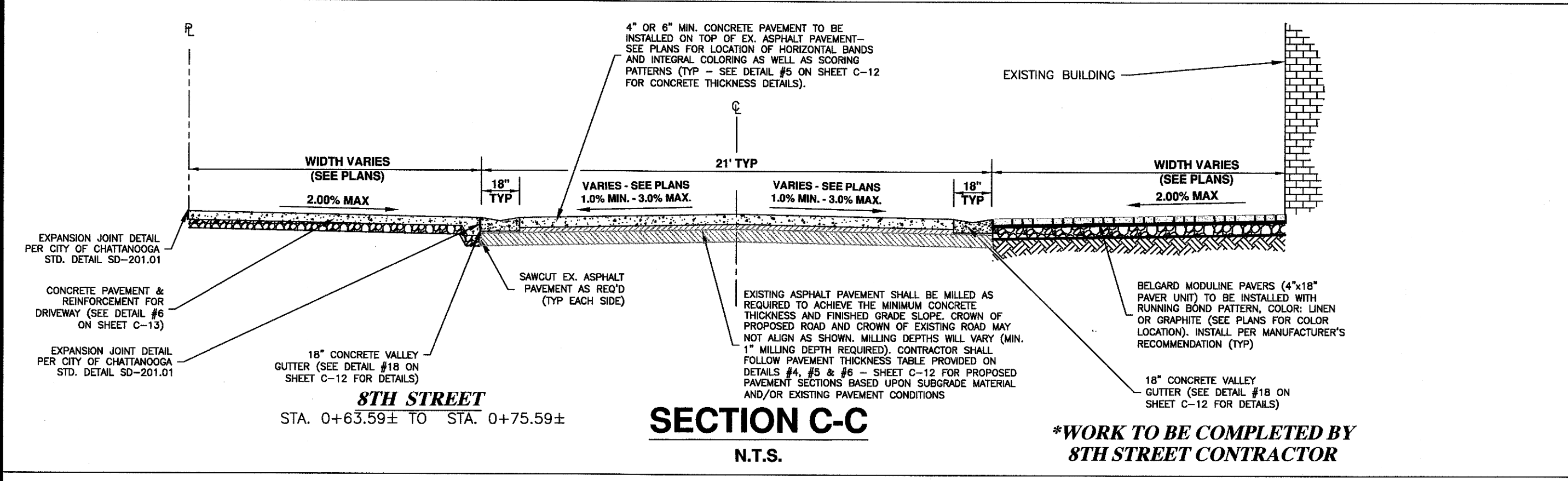
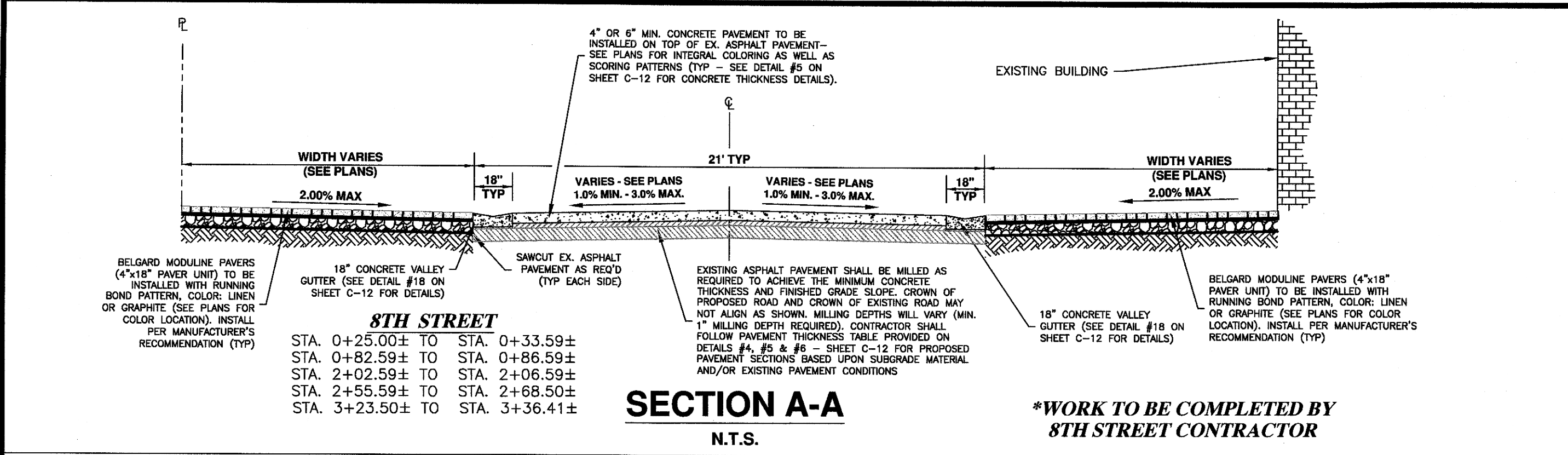
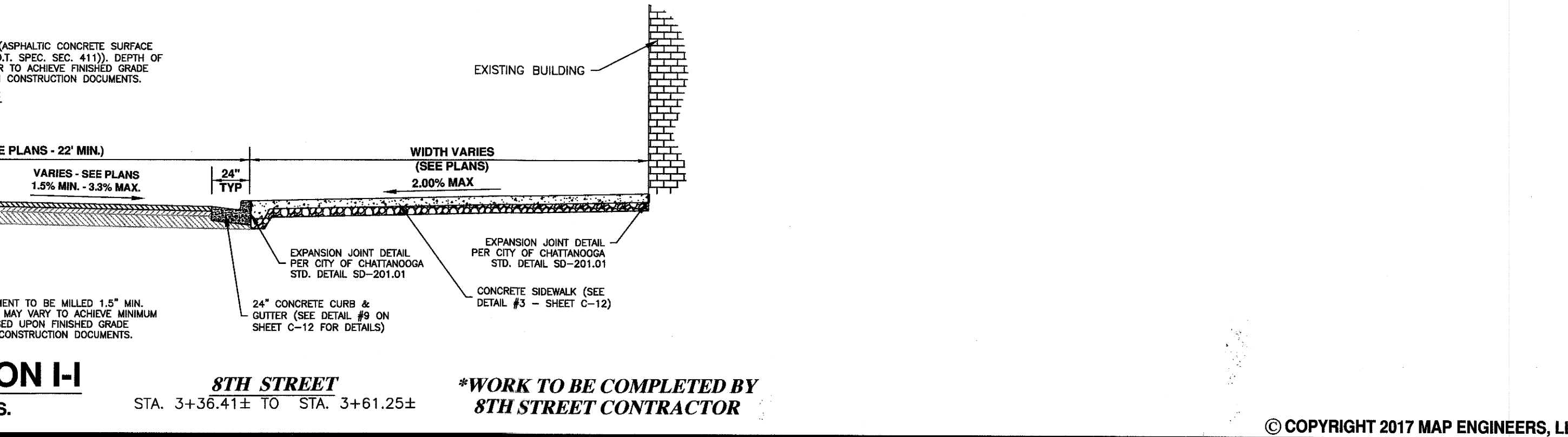
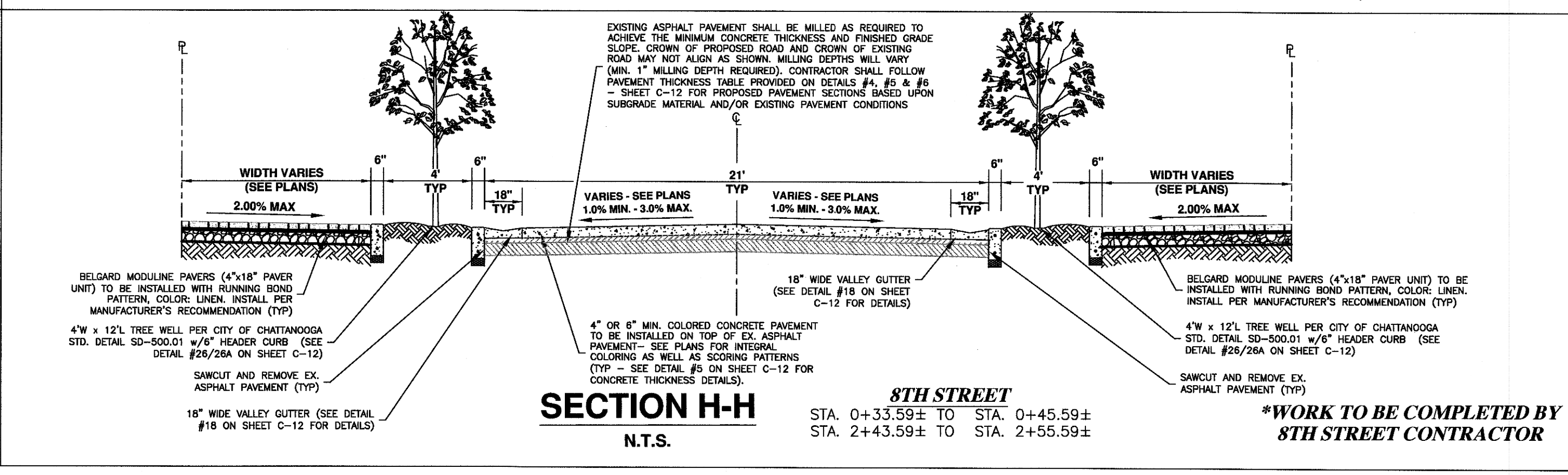
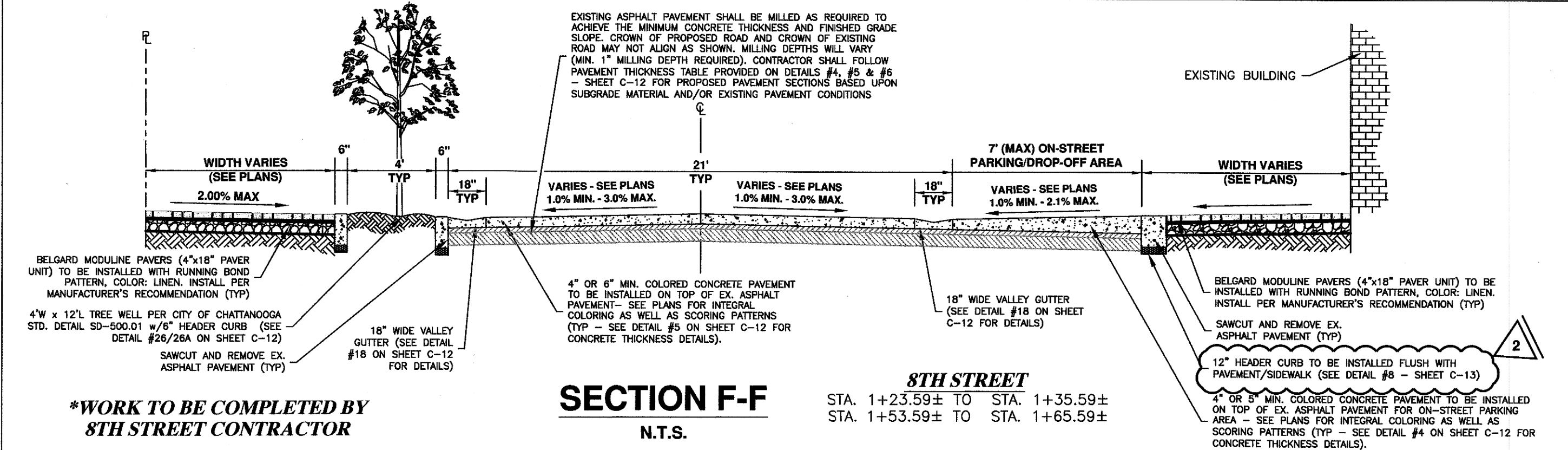
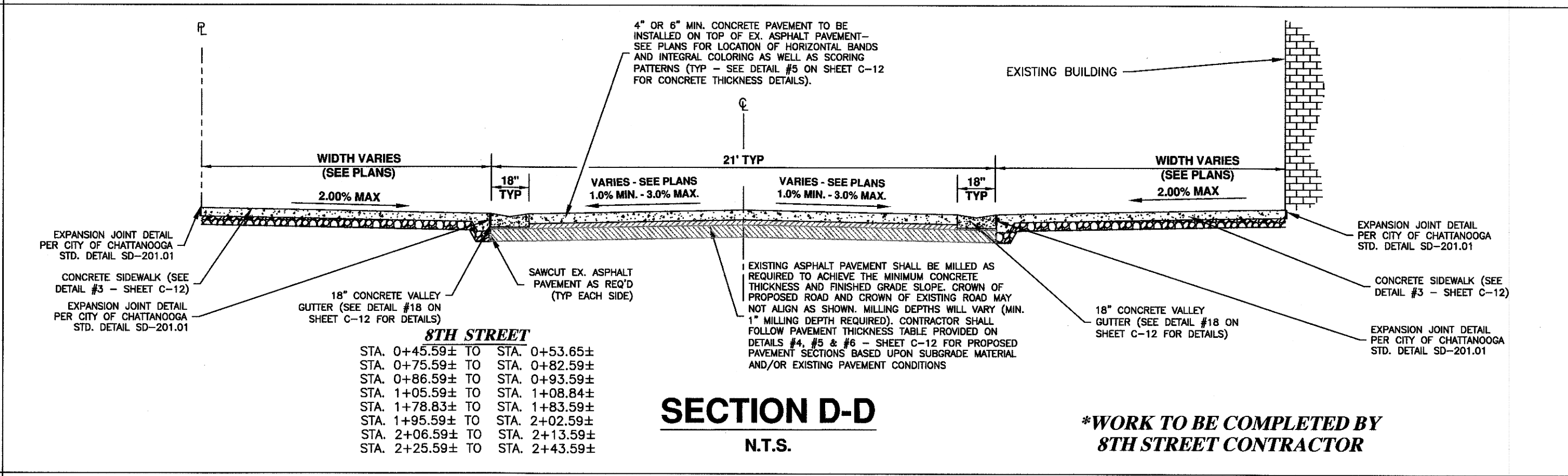
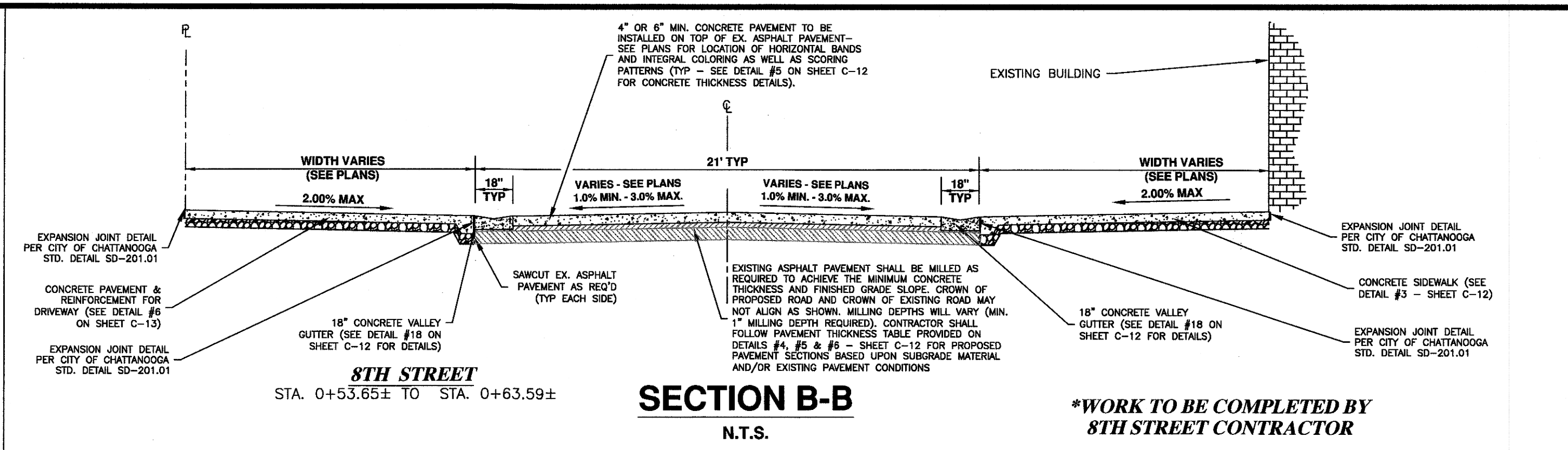
**TYPICAL
ROAD
SECTIONS**

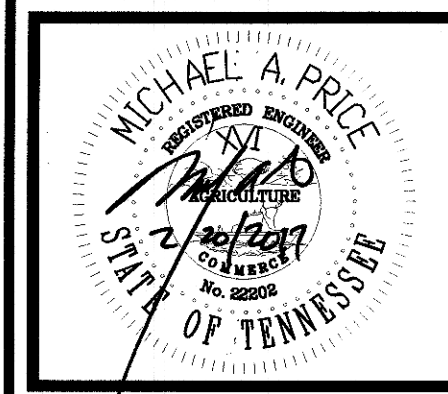
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2	MISC. REVISIONS	02/20/17
3		
4		
5		
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**8TH STREET & PINE STREET
ROAD IMPROVEMENT PROJECT**
FOR:
**CITY OF CHATTANOOGA
DEPARTMENT OF TRANSPORTATION**



**TYPICAL
ROAD
SECTIONS**

REVISIONS	
1	MISC. REVISIONS 02/20/17
2	
3	
4	
5	

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