

ADDENDUM NUMBER THREE

PARKING LOTS MBWWTP TRAINING CENTER CONTRACT NO. W-15-019-202

CITY OF CHATTANOOGA, TENNESSEE

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

Revised Section 01010

Revised Bid Schedule

Added Specification Section 00037 – Adjusting Valve Boxes

Plan sheets S-1A, P-1A, and ESC-1A

August 25, 2016

/s/Justin C Holland, Administrator
City of Chattanooga
Department of Public Works

Comments and questions made during the site visit.

The following are answers to questions and comments that were discussed at the pre-bid meeting:

Q. A question was asked about what the finished grade at the front parking lot was to be, since no grades are shown on the plans.

A. The finished grade is to be at or near the current existing grade on the gravel. Contractor is to excavate 8" of the existing material, then replace it with 4" of compacted mineral aggregate base, 2.5" of asphalt binder, and 1.5" of asphalt surface.

Q. A question was asked about the adjustment for the gas valve. The city will add a line item to the bid schedule for the adjustment of the valve box. This will be addressed in Addendum Three.

A. This line item has been added to the revised bid schedule. Need to add a specification.

Q. Questions were asked regarding the relocation of the guy wire at the Training Center and where it was to be moved to.

A. The City will take care of the relocation of the Guy Wire.

Comment concerning the bid schedule.

The previous bid schedule listed 3.5" of asphalt binder in the parking lots. That should have been 2.5". The revised bid schedule has this corrected.

Comment regarding the revised scope of work.

The scope of work has been revised, to include replacing approximately 115 feet of the driveway entrance to the training center. New plan sheets S-1A, P-1A, and ESC-1A are attached.

**SECTION 01010
SUMMARY OF WORK**

PART 1 – GENERAL

1.1 Section Includes

- A. Description of Work
- B. Items regulating the execution of the Work

1.2 Description of the Work

- A. The work covered by this Contract consists of :

Construction of a parking lot of 15 spaces at the Training Center, construction of a parking lot of 13 spaces at the North Recycle Pump Station, construction of one additional handicapped parking space at the Administration Building, and removal and construction of approximately 115 feet of driveway at the the Training Center, including demolition and removal of existing asphat driveway, shallow excavation of topsoil, installation or repair of gravel subbase, installation or repair of gravel base, installation of asphaltic binder and asphaltic surface, installation of curbing, curb stops, or curb and gutter as required, parking lot striping, handicapped parking markings and signage as required.

- B. The City Engineer reserves the right to substitute, add, delete, increase, decrease in any form or fashion as necessary the scope of work under the provisions of this Contract, including the projects noted above.
- C. This project shall be assigned a unique project number by the Engineer. The Contractor shall execute this project in complete compliance with the requirements of this contract. All records of the Contractor shall conspicuously identify them to be associated with the unique project number assigned by the Engineer.
- D. The work covered under this project shall consist of furnishing all materials, equipment and labor for the construction of parking lots, sidewalk, striping, signage, and curbing, curb stops, or curb and gutter as required, including but not limited to mobilization, sign placement, public notification, the adjustment of sanitary manholes and other publicly owned structures as required, grading, compaction, and placement of temporary and permanent pavement markings as required.
- E. The Engineer shall provide a set of standard City details, as needed, which shall be applicable to this project. The Contractor shall be called in for a Pre-Construction meeting at which time the Engineer shall issue notice to proceed.

The Contractor shall have ten (10) days or an agreed to start date to start construction.

1.3 Items regulating the Execution of the Work.

A. Attention to Work

For this project, the Contractor shall give his personal attention to and shall supervise the work to the end that it shall be prosecuted faithfully; and, when he is not personally present on the work, he shall at all times be represented by a competent superintendent or foreman who shall be present at the work and who shall receive and obey all instruction or orders given under this Contract, and who shall have full authority to execute the same, and to supply materials, tools and labor without delay, and who shall be the legal representative of the Contractor. The Contractor shall be liable for the faithful observance of any instructions delivered to him or to his authorized representatives.

B. Access to Work

The Contractor shall at all times provide proper facilities for access and inspection of the work by representatives of the Owner and of such official Governmental agencies as may be designated by the Owner as having jurisdictional rights to inspect the work.

C. No Parking Signs

The Contractor shall place "NO PARKING" signs 48 hours prior to beginning work at a project location as needed. The Contractor shall notify the City's designated Inspector/ Project Manager when the signs have been placed and if vehicles have not been moved at such time as work is scheduled to begin. No additional cost shall be paid to the Contractor while the Owner is making arrangements to get the vehicle moved or towed.

D. Work on Private Property

Where the work on this project encroaches upon private property, the Owner shall provide easements and/or right-of-entry in or onto said property. Work performed in such easements is subject to the provisions of the easement agreement on file with the City of Chattanooga Engineering Department.

The Contractor shall be responsible for obtaining any additional agreements which may be deemed necessary for the storage of equipment or materials outside of public easements or rights of ways for this project. The Contractor shall obtain a written agreement between the Contractor and Land Owner and forward it to the Engineer prior to use of said property.

The Contractor shall be responsible for the preservation of and shall use every precaution to prevent damage to all trees, shrubbery, fences, culverts, mailboxes, bridges, pavements, driveways, sidewalks, houses or building and all water, sewer, gas, telephone and electric lines thereto and all other private and public property along or adjacent to the work.

Any damage that occurs will be restored to a like condition as existed prior to construction, in the Contract Documents, unless otherwise indicated or specified.

Forty-eight (48) hours prior to construction on any easement or streets the Contractor shall notify in writing the affected property owners in the area. This notification shall include the Contractor's name and the name and phone number of the contact person.

E. Monthly Job Site Meetings

Once a month, on a date mutually agreed upon by the Contractor and the Engineer, a job site meeting shall be held for review of the Project, including, but not limited to: The construction schedule, traffic control, pending submittals, and any other issues that may arise. This meeting shall be used to review the contractor's monthly applications for payment.

F. Contract Working Hours

All work shall be performed during regular working hours unless mutually agreed upon and approved in writing by the City Engineer. The Contractor will not permit overtime work or the performance of work on Saturday, Sunday or any legal holiday without the Owner's written consent given after prior 24 hour written notice to the Engineer. Regular working hours are Monday through Friday from 8:00 A.M. to 5:00 P.M. The actual costs of the Owner's and Engineer's inspection of the work performed outside of regular working hours will be billed to the Contractor and deducted from the Contractor's application for payment as they occur.

END OF DOCUMENT

MBWWTP Small Parking Lot Exoansions
Contract W-15-019-202
Bid Schedule

Item Number	Item Description	Unit	Quantity	Unit Price	Item Total	
717	Mobilization	LS	1			
015-1	Unclassified demolition of existing pavement, curbs, sidewalks, walls, fences, conc. slabs, parking areas, pipes, etc.	LS	1			
001-1	Excavation	LS	1			
001-2	Undercut and Removal of Unsuitable Material, if needed	CY	50			
001-3	Backfill and Compact under cut areas with mineral aggregate stone base (33-P), if needed	CY	50			
017-1	2 1/2' concrete Curb & Gutter to match existing (City Standard SD-202.01) (Concrete & Base Stone (complete-in-place))	LF	35			
16-8	Curb stops as manufactured by Sherman Dixie or equal.	EA	16			
23-1	Remove existing parking space striping.	LF	60			
1000-1	Permanent thermoplastic pavement markings per TDOT specification 919, complete in place (Parking space and driveway striping)	LF	473			
1000-2	Hatching stripes in Handicapped Access Aisles	SF	342			
1000-3	Painted Handicapped Parking Symbols @ Parking Space	EA	3			
012-1	1-1/2" Asphalt Surface -- See new City Spec. Item 12 (½-inch Nominal Aggregate Size JMF), including tack coat.	SF	13498			
012-2	2-1/2" Asphalt Binder -- See new City Spec. Item 12 (1½-inch Nominal Aggregate Size JMF), including tack coat.	SF	13498			
012-3	8" Mineral Aggregate Base for Standard Pavement section	SF	9278			
016-1	4" ADA Compliant Sidewalk to Warehouse	SF	270			
98-2	Silt Fence or approved tubes and wattles	LF	570			
035-1	Topsoil (permanent) Seeding and Mulching including exc, backfill, foundation, 3" approved topsoil, fertilizer, seed and mulch inside constr. Limits (Complete-In-Place)	SF	3475			
T-1	Class 1 shade tree-Tulip Poplar	EA	3			
T-2	Class 1 Shade Tree - Dura Heat Riverbirch	EA	1			
T-3	Class 1 Shade Tree - Yellow Poplar	EA	2			
T-4	Class 2 Shade Tree - Redbud	EA	1			
T-5	Class 1 Shade Tree - "Autumn Gold" Ginko	EA	1			
	Residential Mountable Extruded Concrete Curb	L.F.	412			
	Remove existing gravel to create landscape peninsula	S.F.	145			
34-C3	Adjust existing manhole top to new grade.	EA	1			
34-C4	Adjust existing gas valve to new grade.	EA	1			
100-1	Traffic Control Temporary Signage as directed by the City (per sign)	LS	1			

MBWWTP Small Parking Lot Exoansions
Contract W-15-019-202
Bid Schedule

[illegible]

ITEM 37

ADJUSTING VALVE BOXES

37.01 DESCRIPTION

This item shall consist of adjusting water and gas valve boxes including furnishing all labor, materials, and other items necessary to bring the valves to the grades as shown on the Plans or as specified by the Engineer.

Milling or grinding around valve boxes shall be accomplished with care to prevent damage to utility property. Unless otherwise approved by the Engineer, milling or grinding operations shall be carried to within one (1) foot of all valve boxes. The Paving Contractor will be responsible for hand chipping the remaining one foot on all valve boxes.

37.02 MATERIAL

Valve box risers shall be Class 35-B gray iron, meeting the requirements of ASTM A48- 83. The risers shall be as manufactured by Atchinson Foundry, Chattanooga, Tennessee, or approved equal. Standard riser sizes shall be 1", 1 ½ ", or 2". A maximum of one new riser may be used per valve box.

37.03 CONSTRUCTION REQUIREMENTS

- A All valve boxes shall be reset as follows:
 - 1) Valve boxes that are more than ¼ inch over or under the specified grade.
- B The valve boxes shall be accurately set to line and grade by one of the following methods:
 - 2) Use of a valve box riser fitted to the valve box.
- C. Excavation shall be performed whenever necessary to bring the valve box to grade on the Plans and as designated by the Engineer. Backfill material and compaction shall conform to the Specifications for Mineral Aggregate Base.

37.04 EQUIPMENT

The contractor shall provide all necessary tools and equipment to complete all work as described above.

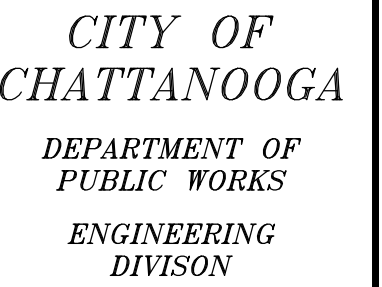
37.05 MEASUREMENT AND PAYMENT (IF APPLICABLE)

The number of valve boxes adjusted and accepted will be measured for payment per each.

Payment shall be made under the following bid items as set forth in the Bid Schedule and shall be full compensation for all work, material, labor, and incidentals required to complete the work in accordance with the Plans and Specifications.

Adjussting Valve Box (Full Mill Depth)	Ea.
Adjusting Valve Box (Valve Box Riser Only)	Ea

END OF DOCUMENT



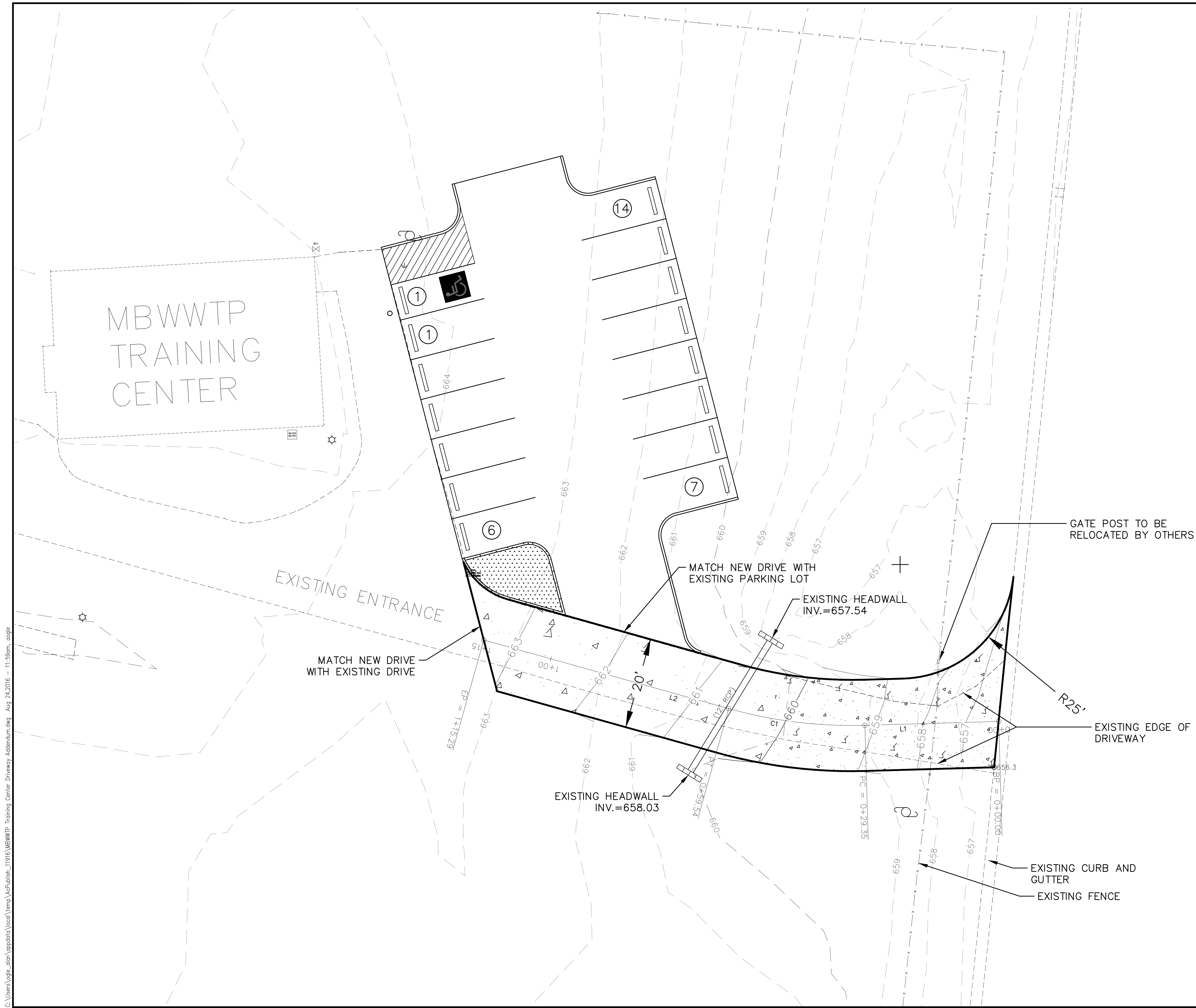
ADMINISTRATOR:	JUSTIN C. HOLLAND
TY ENGINEER:	WILLIAM C. PAYNE, P.E.

*DRIVEWAY ADDITION
AT MBWTP TRAINING CENTER
SITE PLAN*

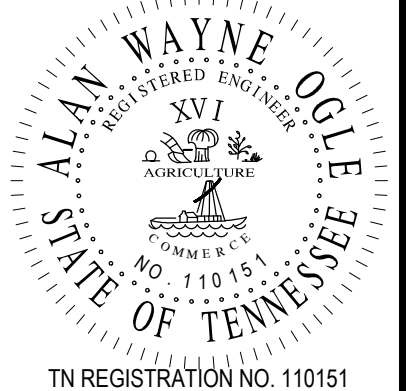
NOTE:
DRIVEWAY TO BE LIGHT DUTY
ASPHALT PAVING
PER CITY STD 200.02.

FIRST 50' OF NEW DRIVEWAY SHALL BE CITY STANDARD ROADWAY SECTION "MINOR ARTERIAL". REMAINING DRIVEWAY SHALL BE CITY STANDARD ROADWAY SECTION "COLLECTOR STREET".

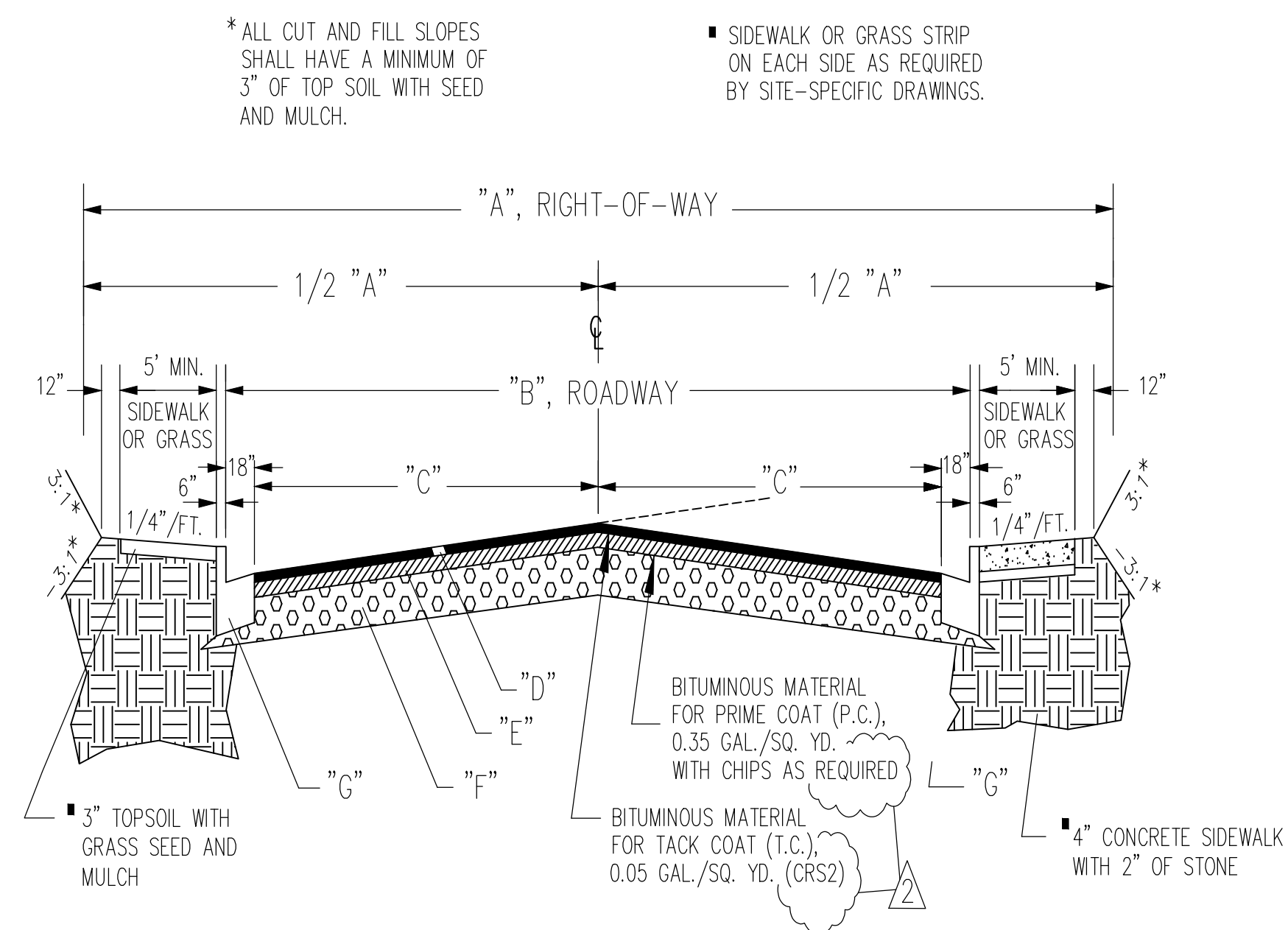
NEW DRIVEWAY TO BE 20'
WIDE. MATCH LOCATION AND
ELEVATIONS IN THE AREA OF
THE NEW PARKING LOT AND
12" RCP.

[illegible]

CONTRACT#	W-15-019-101
SCALE:	1"=10'
DRAWN:	JAH
DESIGN:	AWO
CHECKED:	ABM



SHEET:	S-1A
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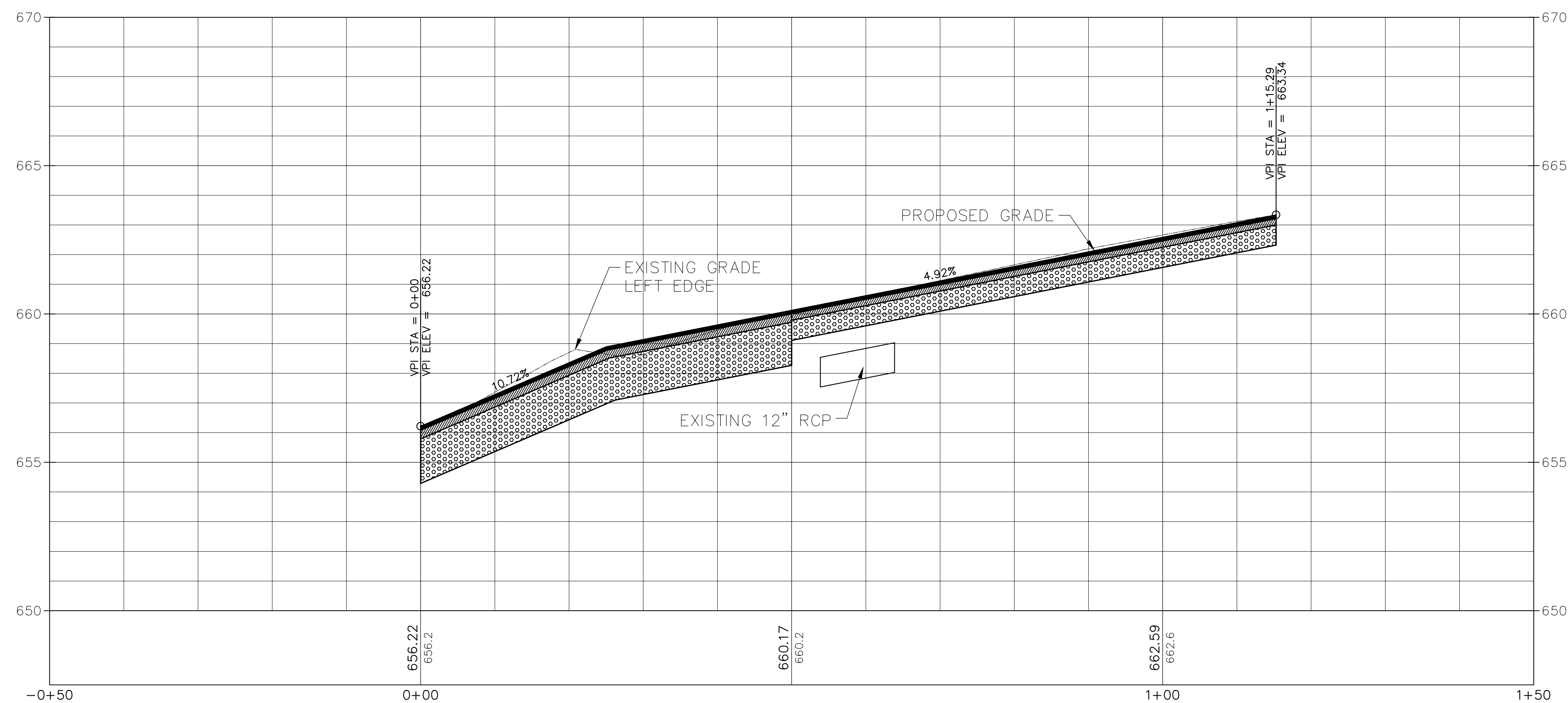
<p align="center"><i>DIMENSIONS FOR ROADWAY SECTIONS</i></p>							
ROADWAY CLASSIFICATION	"A" RIGHT-OF-WAY	"B" ROADWAY WIDTH	"C" 1/2 PAVED SECTION	"D" ASPHALTIC CONCRETE SURFACE	"E" ASPHALTIC CONCRETE BINDER	"F" MINERAL AGGREGATE BASE	"G" CONCRETE CURB/ CURB AND GUTTER
				GRADING E (SEE NOTE 1 BELOW.)	GRADING B, C, OR B MODIFIED (SEE NOTE 2 BELOW.)	TYPE A (SEE NOTE 3 BELOW.)	
PRINCIPAL ARTERIAL	100'	84'	40'-6"	1.5"	3.5"	15"	TYPE A
MINOR ARTERIAL	--	--	--	1.5"	3.5"	15"	--
COLLECTOR STREET	--	--	--	1.5"	2.5"	8"	--
LOCAL STREET	50'	26'	11'-6"	1.5"	2.5"	8"	SEE NOTE 1 WITH TYPICAL SECTION.

1. ASPHALTIC CONCRETE SURFACE SHALL BE GRADING E, CITY OF CHATTANOOGA SPECIFICATIONS, CONTAINING AT LEAST 45% RIVER SAND.

2. ASPHALTIC CONCRETE BINDER SHALL BE GRADING B MODIFIED OR GRADING C, CITY OF CHATTANOOGA SPECIFICATIONS; OR GRADING B, TENNESSEE D.O.T. SPECIFICATIONS.

3. MINERAL AGGREGATE BASE SHALL BE COMPACTED 303-01, TYPE A, GRADING D ("33-P"), TENNESSEE D.O.T. SPECIFICATIONS.

ARTERIAL AND COLLECTOR STREETS
(RIGHTS-OF-WAY GREATER THAN 50')



LEGEND

- | | |
|---|--------------------------------|
| | "D" ASPHALTIC CONCRETE SURFACE |
|  | "E" ASPHALTIC CONCRETE BINDER |
|  | "F" MINERAL AGGREGATE BASE |

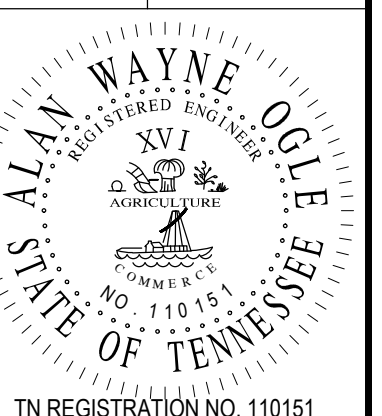
CITY OF
CHATTANOOGA
DEPARTMENT OF
PUBLIC WORKS
ENGINEERING
DIVISION

ADMINISTRATOR:
JUSTIN C. HOLLAND
TY ENGINEER:
WILLIAM C. PAYNE, P.E.

*DRIVEWAY ADDITION
AT MBWWTP TRAINING CENTER
DRIVEWAY PROFILE*

[illegible]

CONTRACT#	W-15-019-101
SCALE:	1"=10'
DRAWN:	JAH
DESIGN:	AWO
CHECKED:	ABM



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