

ADDENDUM NO. 3

**PROJECT NAME: 2016-2017 TASK ORDER CONTRACT FOR MISCELLANEOUS
CONSTRUCTION PROJECTS PACKAGE 1 – 23-01472-05-03**

DATE: 3/10/2016

ADDENDUM NO.3

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

Substitute and utilize the following revised documents associated with the above named contract:

- 010 Formal Information for Bid Form
- Governing Specifications
- Special Provision to Item 502 Concrete Sidewalks
- Special Provision to Item 503 Asphaltic Concrete, Portland Cement Concrete, and Gravel Driveways
- CoSA Miscellaneous Construction Standards 1
- CoSA Concrete Driveway Standards



CITY OF SAN ANTONIO, TEXAS

**GOVERNING SPECIFICATIONS, SPECIAL SPECIFICATIONS, SPECIAL
PROVISIONS, AND SUPPLEMENTAL SPECIFICATIONS**
FOR

FY 2016-2017 Task Order Contract for Miscellaneous Construction Projects Package 1

All Standard Specifications and Special Specifications applicable to this project are identified as follows:

**CITY OF SAN ANTONIO STANDARD SPECIFICATIONS FOR CONSTRUCTION
JUNE, 2008 AND SPECIAL PROVISIONS DATED MAY 2009, FEBRUARY 2010,
JUNE 2010 and NOVEMBER 2013**

<u>ITEM</u>	<u>DESCRIPTION</u>
100	- MOBILIZATION
101	- PREPARING RIGHT-OF-WAY
103	- REMOVE CONCRETE
104	- STREET EXCAVATION
107	- EMBANKMENT
200	- FLEXIBLE BASE
202	- PRIME COAT
203	- TACK COAT
204	- SURFACE TREATMENTS
205	- HOT MIX ASPHALTIC CONCRETE PAVEMENT
208	- SALVAGING, HAULING AND STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT
209	- CONCRETE PAVEMENT
210	- ROLLING
220	- BLADING

- 230 - BASE AND PAVEMENT REPLACEMENT
- 300 - CONCRETE
- 301 - REINFORCING STEEL
- 302 - METAL FOR STRUCTURES
- 307 - CONCRETE STRUCTURES
- 308 - DRILLED SHAFTS AND UNDER REAMED FOUNDATIONS
- 311 - CONCRETE SURFACE FINISH
- 500 - CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER
- 502 - CONCRETE SIDEWALKS
- 503 - ASPHALTIC CONCRETE, PORTLAND CEMENT CONCRETE, AND GRAVEL DRIVEWAYS
- 505 - CONCRETE RIPRAP
- 506 - CONCRETE RETAINING WALLS – COMBINATION TYPE
- 507 - CHAIN LINK WIRE FENCE
- 508 - RELOCATION WIRE FENCE
- 509 - METAL BEAM GUARD RAIL
- 510 - TIMBER GUARD POST
- 512 - ADJUSTING EXISTING MANHOLES AND VALVE BOXES
- 513 - REMOVING AND RELOCATING MAILBOXES
- 514 - PAINT AND PAINTING
- 515 - TOPSOIL
- 516 - SODDING
- 520 - HYDROMULCHING
- 522 - SIDEWALK PIPE RAILING

- 523 - ADJUSTING OF VEHICULAR AND PEDESTRIAN GATES
- 524 - CONCRETE STEPS
- 530 - BARRICADES, SIGNS, AND TRAFFIC HANDLING
- 531 - SIGNS
- 533 - CLEANING AND REMOVAL OF PAVEMENT MARKINGS AND MARKERS
- 535 - HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS
- 540 - TEMPORARY EROSION, SEDIMENTATION AND WATER POLLUTION PREVENTION AND CONTROL
- 552 - REMOVING AND RELOCATING IRRIGATION SYSTEMS
- 554 - EROSION CONTROL MATTING
- 556 - CAST IN PLACE DETECTABLE WARNING SURFACE TILES
- 656 - FOUNDATIONS FOR TRAFFIC CONTROL DEVICES
- 685 - FLASHING BEACON ASSEMBLIES
- 687 - PEDESTAL POLE ASSEMBLIES
- 1000 - WEB PORTAL

SAN ANTONIO WATER SYSTEM
STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED APRIL 2014

- 826 - VALVE BOX ADJUSTMENT
- 833 - EXISTING METER AND METER BOX RELOCATION
- 833A - ADJUSTING EXISTING METER BOX
- 851 - ADJUSTING EXISTING MANHOLE
- 854A - ADJUSTING EXISTING SEWER CLEANOUT

TXDOT STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED NOVEMBER 2014

- 445 - GALVANIZING
- 449 - ANCHOR BOLTS
- DMS-11140 PEDESTAL POLE BASE
- DMS-11150 SOLAR POWERED FLASHER CONTROLLER ASSEMBLY

SPECIAL PROVISIONS FOR CONSTRUCTION

- 502 - CONCRETE SIDEWALKS
- 503 - ASPHALTIC CONCRETE, PORTLAND CEMENT CONCRETE, AND GRAVEL DRIVEWAYS
- 505 - CONCRETE RIPRAP
- 513 - REMOVING AND RELOCATING MAILBOXES
- 520 - HYDROMULCHING
- 523 - ADJUSTING OF VEHICULAR & PEDESTRIAN GATES
- 556 - CAST IN PLACE DETECTABLE WARNING SURFACE TILES
- 804 - NEW TREE AND SHRUB PLANTING AND MAINTENANCE

SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION

- SUP 1 – REMOVING AND RELOCATION SIGN
- SUP 2 – ELEVATED SIDEWALK
- SUP 3 – SIDEWALK DRAIN BOX (1/2 INCH THICK)
- SUP 4 – REMOVAL AND HAUL OFF OF EXISTING ROCK/MASONRY MAIL BOX
- SUP 5 – TREE REMOVAL (8” – 36” DIAMETER)
- SUP 6 – TCI “AT WORK” PROJECT SIGN
- SUP 7 – ADJUSTING METAL BEAM GUARD RAIL

SUP 8 – REMOVAL OF EXISTING ASPHALT SPEED HUMP

SUP 9 – REMOVAL OF SPEED HUMP, TYPE II MODULAR RUBBER CUSHION

SUP 10 – ADJUSTING TRAFFIC SIGNAL BOX

SUP 11 – POLICE OFFICER

SUP 12 – ADDITIONAL MOBILIZATION

SPECIAL SPECIFICATIONS FOR CONSTRUCTION

ITEM 798 – ASPHALT CONCRETE CUSHION SPEED HUMPS, TYPE 3

ITEM 801 – TREE AND LANDSCAPE PROTECTION

ITEM 802 – TREE PRUNING, SOIL AMENDING, AND FERTILIZATION

ITEM 9506 – REMOVAL AND REPLACEMENT OF WROUGHT IRON FENCE

SPECIAL DETAILS FOR CONSTRUCTION

TCI AT WORK PROJECT SIGN DETAIL

ASPHALT REPAIR AND CURB CONSTRUCTION DETAILS FOR FLATWORK ONLY
PROJECTS

ASPHALT CONCRETE CUSHION SPEED HUMPS, TYPE 3

ELEVATED SIDEWALK AND RETARD STANDARDS DETAILS

COSA WHEELCHAIR RAMP STANDARDS

COSA MISCELLANEOUS CONSTRUCTION STANDARDS I

COSA MISCELLANEOUS CONSTRUCTION STANDARDS II

COSA CONCRETE BUS PAD STANDARD

COSA CONCRETE DRIVEWAY STANDARDS

COSA CHAINLINK WIRE FENCE STANDARDS

COSA TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL
MEASURES STANDARD 1

COSA TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL
MEASURES STANDARD 2

COSA ROADSIDE POLE MOUNTED SOLAR POWERED SCHOOL FLASHER
ASSEMBLY STANDARD

TXDOT PEDESTRIAN FACILITIES – CURB RAMPS

TXDOT TS-FD-12 TRAFFIC SIGNAL POLE FOUNDATION

SPECIAL NOTES FOR CONSTRUCTION

GENERAL NOTES

TRAFFIC NOTES AND SPECIAL CONDITIONS

SPECIAL PROVISION

ITEM 502 Concrete Sidewalks

- **Delete Item C Wire Mesh from 502.2 Materials**
- **Delete first paragraph from 502.4.D. Sub-base Placement**
- **Delete first paragraph from 502.4.F.Joints:**
- **Delete 502.5 Measurement**

Add :

Section 502.4.D Sub-base Placement:

A cushion, 4 inch minimum thickness, or crusher screenings, gravel, crushed rock or flexible base material shall be spread, wetted thoroughly, tamped and leveled. The cushion shall be moist at the time the concrete is placed. Where the subgrade is rock or gravel, 70% of which is rock, the 4 inch cushion need not be used. The Engineer will determine if the subgrade meets the above requirement.

Section 502.4.E.1 Reinforcement:

6" X 6" W/D 2.9 X W/D 2.9 welded wire flat sheets (Item 303) will NOT be allowed to be used as reinforcement for sidewalks. Contractor shall use No. 3 bars (minimum) @ 18 inches O.C. each way centered in slab as reinforcement for sidewalks.

Section 502.4.F Joints:

Unless otherwise specified on the plans or as agreed to by the Engineer, tooled joints with rounded edges will be placed at intervals equal to the sidewalk width and will be opened with one-half inch (1/2") radius by one and one-half inch (1 1/2") depth and closed by one-half inch (1/2") radius by one-inch (1") depth.

Section 502.5 Measurement:

Sidewalks will be measured by the square yard of surface area at the depth specified. Curb ramps will be measured by the square yard of surface area.

Section 502.6 Payment:

Delete from first paragraph: "removal and disposal of existing concrete;"

SPECIAL PROVISION

Item 503 Asphaltic Concrete, Portland Cement Concrete and Gravel Driveways

- **Delete Item N Welded Wire Reinforcement (Item 303) from 503.2 Materials**
- **Delete first paragraph from 503.4.E.5 Portland Cement Concrete Pavement**
- **Delete 503.4.E.5.a Commercial Driveways**
- **Delete Section 503.6 Payment**

Add:

Section 503.4.C.1 Flexible Base:

A minimum section of 4" flexible base bedding will be required for installation of all driveways.

Section 503.4.E.5 Portland Cement Concrete Pavement:

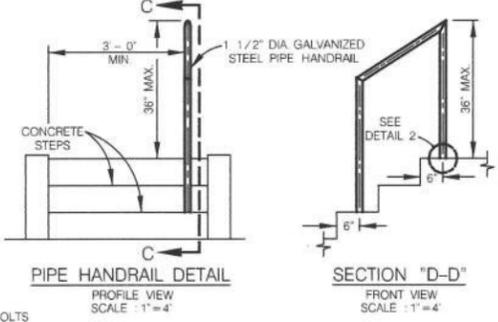
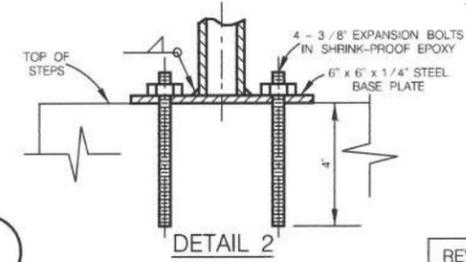
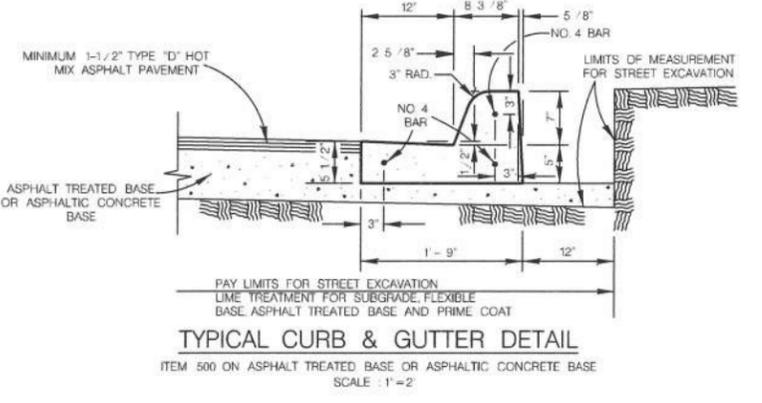
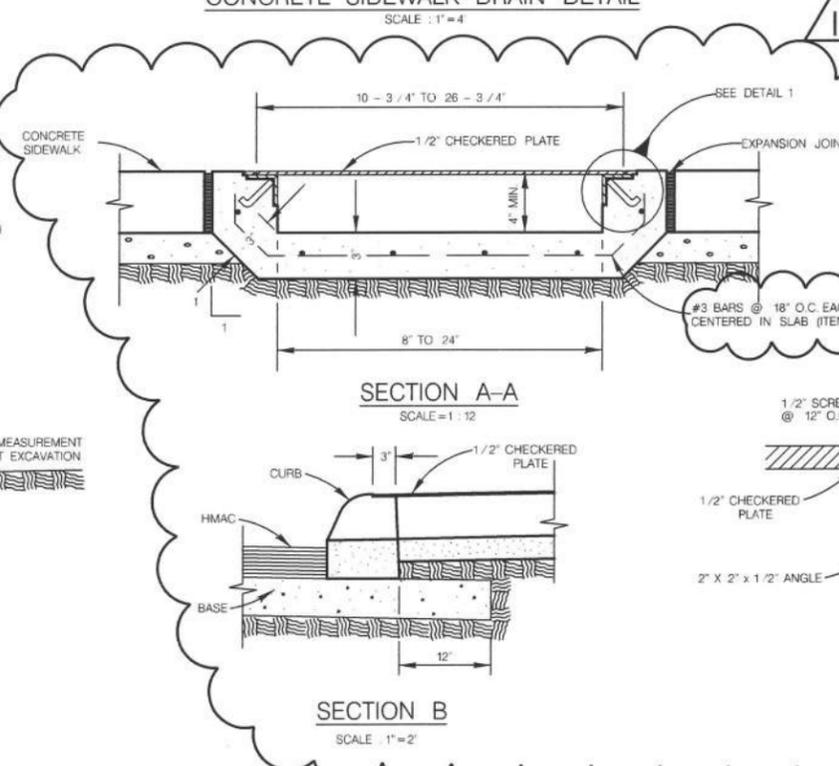
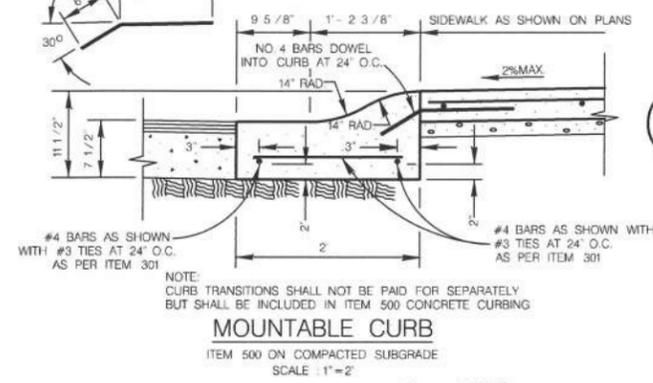
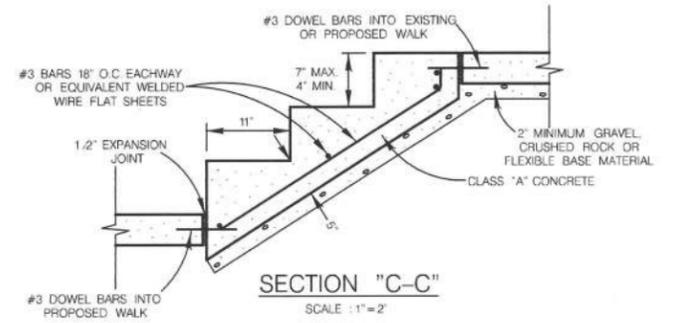
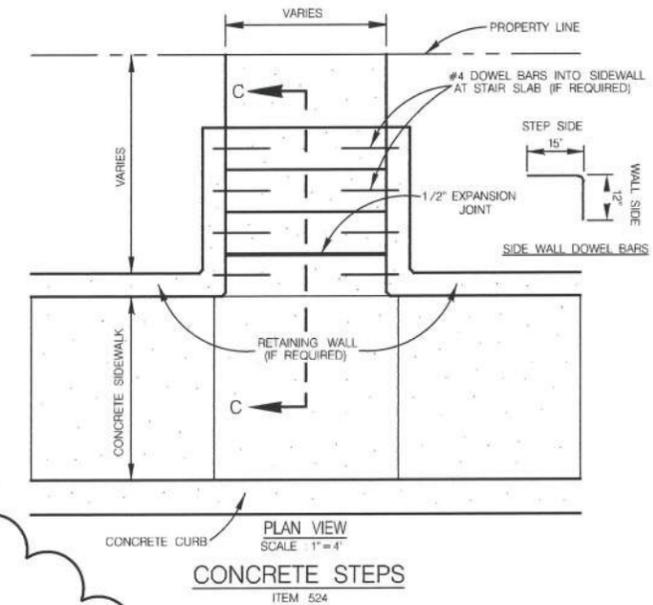
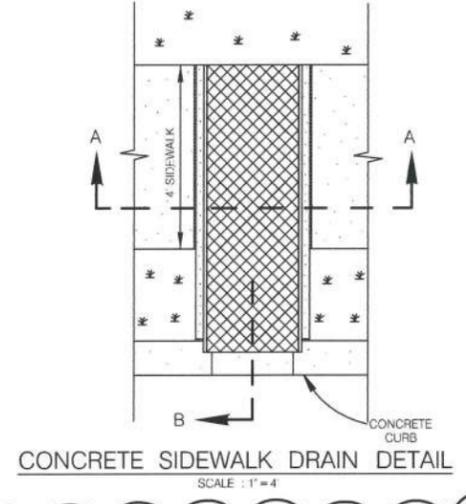
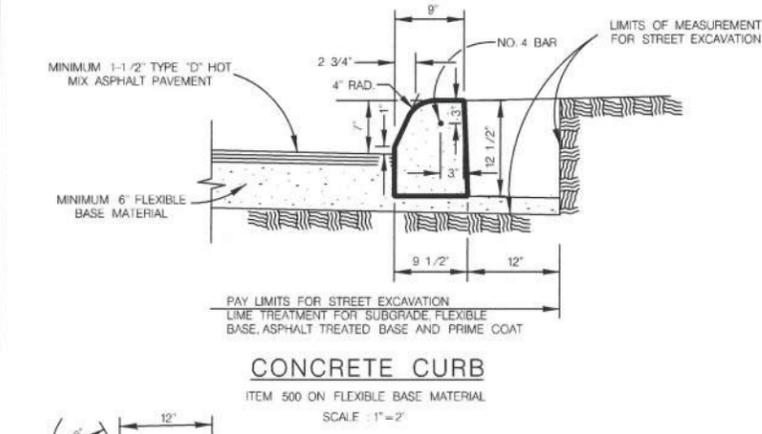
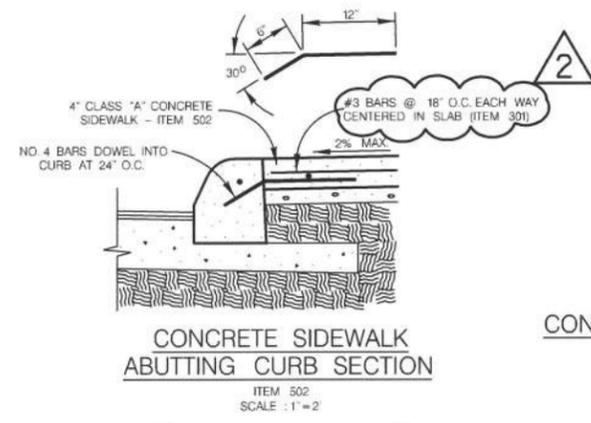
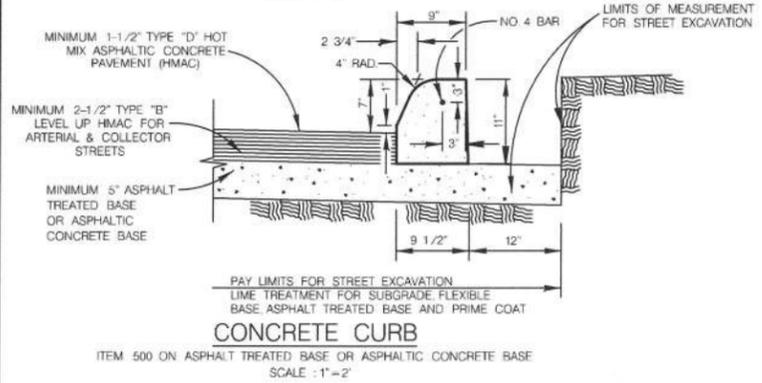
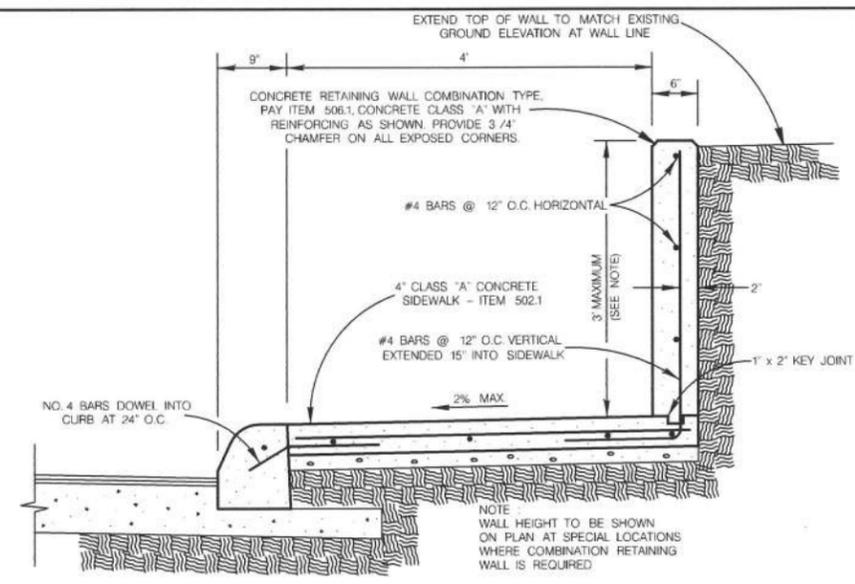
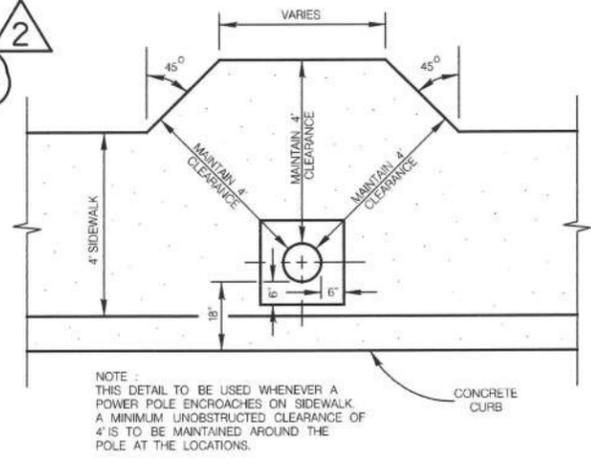
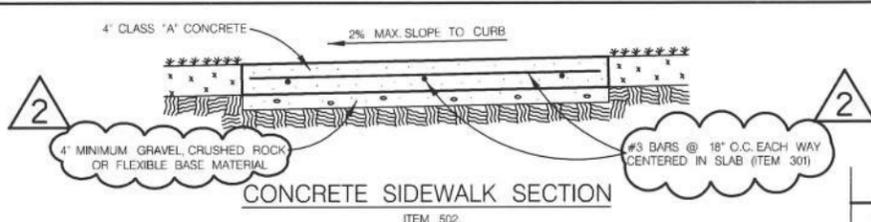
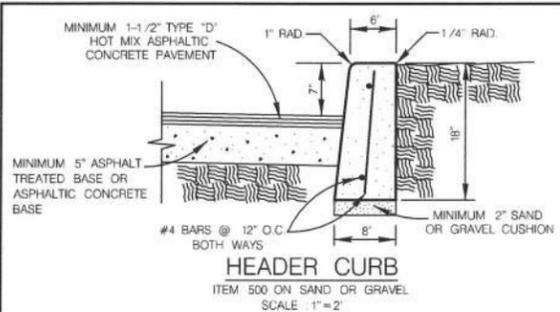
If shown on the plans, tie the concrete driveway to concrete pavement or concrete parking lot pavement. Use only drilling operations that do not damage the surrounding operations when drilling holes for replacement steel. Unless otherwise shown on the plans, reinforcement shall consist of No. 3 (3/8") reinforcing steel placed not more than 12 inches on centers both directions. Welded wire flat sheets will not be allowed to be used as reinforcement for residential driveways. If existing reinforcement for residential driveways is greater than No. 3 reinforcing steel, the contractor shall install equal reinforcing steel size. All reinforcement shall be placed equidistant from the top and bottom of the concrete. Care shall be exercised to keep all steel in its proper position during the depositing of concrete. Splices in the No. 3 bars shall have a minimum lap of 12 inches. For existing driveways with existing steel, place new deformed reinforcing steel bars of the same size and spacing as the bars removed or as shown on the plans. Lap all reinforcing steel splices in accordance with Item 301, "Reinforcing Steel." Epoxy-grout all tiebars for at least a 12 inch embedment into existing concrete. Completely fill the tiebar hole with Type III, Class A or Class C epoxy before inserting the tiebar into the hole. Provide grout retention disks for all tiebar holes. Provide and place approved supports to firmly hold the new reinforcing steel, tiebars, and dowel bars in place. The concrete slab for residential driveways shall be a minimum of 5 inches thick or as shown on the plans.

Section 503.4.E.5.a Commercial Driveways:

Reinforcing for commercial driveways shall consist of No. 4 (1/2") reinforcing steel placed not more than 12 inches on center both directions. Welded wire flat sheets will not be allowed to be used as reinforcement for commercial driveways. If existing reinforcement for commercial driveways is greater than No. 4 reinforcing steel, the contractor shall install equal reinforcing steel size. The concrete slab shall be a minimum of 6 inches thick or as shown on the plans. If existing slab thickness is thicker than 6 inches, the contractor shall match the existing thickness for the newly built driveway.

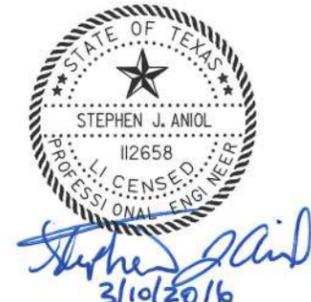
Section 503.6 Payment:

The work performed as prescribed by this item will be paid for at the contract unit price bid per square yard for “Portland Cement Concrete Driveway”, Portland Cement Concrete Driveway – Commercial”, “Asphaltic Concrete Driveway”, or “Gravel Driveway”, which price shall be full compensation for preparing the subgrade, for furnishing and placing all materials, manipulations, labor, tools, equipment and incidentals necessary to complete the work. Payment for reinforcing steel that is greater in size than what is called out for in this specification for residential or commercial driveways will be negotiated between the Contractor and Engineer or Project Manager. Payment for slab thickness greater in size than what is called out for in this specification for residential or commercial driveways will be negotiated between the Contractor and Engineer or Project Manager.



HANDRAIL FOR CONCRETE STEPS
ITEM 522

NOTES:
1. PLACE STEPS TO CONFORM WITH PROPOSED PARKWAY GRADING.
2. 1-1/2" DIA GALVANIZED STEEL PIPE HANDRAIL REQUIRED ON ONE SIDE OF THE STEPS WHEN 3 OR MORE RISERS ARE USED, OR AS DESIGNED BY ENGINEER TO BE PAID UNDER ITEM 522.



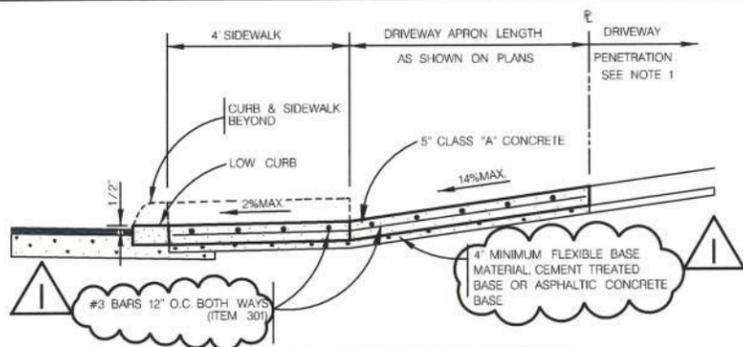
REV. NO.	DESCRIPTION	DATE
1	SIDEWALK DRAIN THICKNESS	2/18/16
2	BASE / REINFORCEMENT MODIFICATIONS	3/10/16

MAY 2009

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

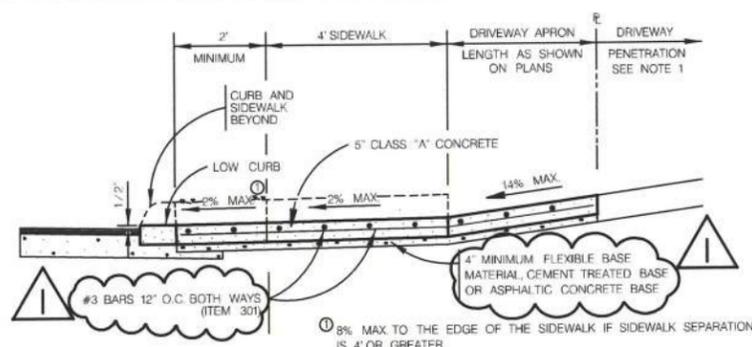
MISCELLANEOUS CONSTRUCTION STANDARDS I

% SUBMITTAL	PROJECT NO.	DATE
DRAWN BY: V. VASQUEZ	DESIGN BY:	CHECKED BY: R.S. HOSBORN, P.E.
SHEET NO. _____	OF _____	



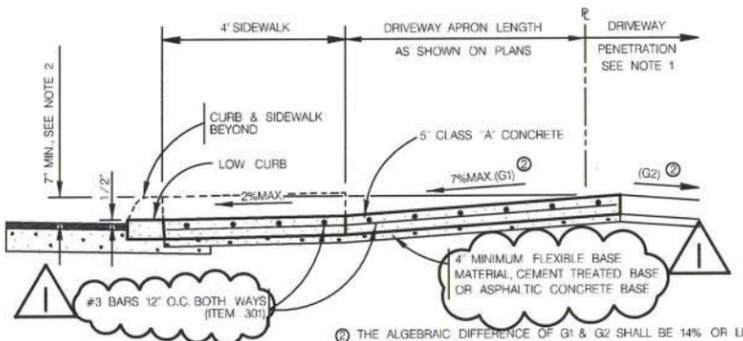
TYPICAL RESIDENTIAL DRIVEWAY SECTION

WITH SIDEWALK ABUTTING CURB
ITEM 503.1



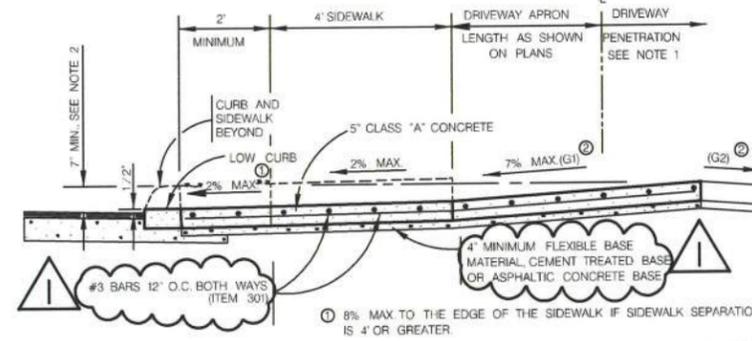
TYPICAL RESIDENTIAL DRIVEWAY SECTION

WITH SIDEWALK SEPARATED FROM CURB
ITEM 503.1



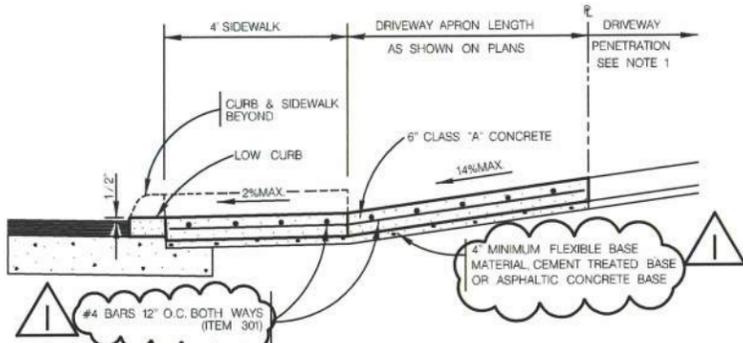
TYPICAL RESIDENTIAL DRIVEWAY SECTION

WHERE PROPERTY IS LOWER THAN STREET & SIDEWALK IS ABUTTING CURB
ITEM 503.1



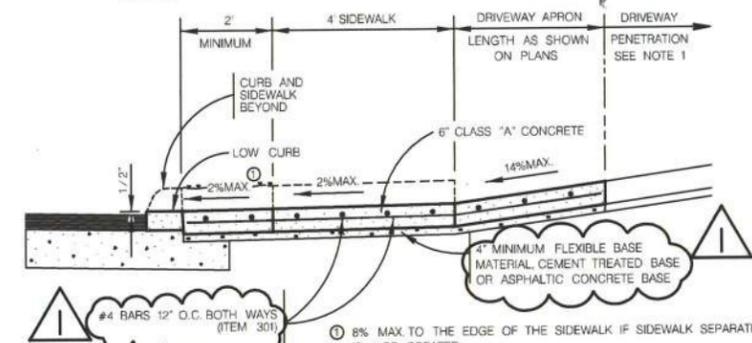
TYPICAL RESIDENTIAL DRIVEWAY SECTION

WHERE PROPERTY IS LOWER THAN STREET & SIDEWALK IS SEPARATED FROM CURB
ITEM 503.1



TYPICAL COMMERCIAL DRIVEWAY SECTION

WITH SIDEWALK ABUTTING CURB
ITEM 503.2



TYPICAL COMMERCIAL DRIVEWAY SECTION

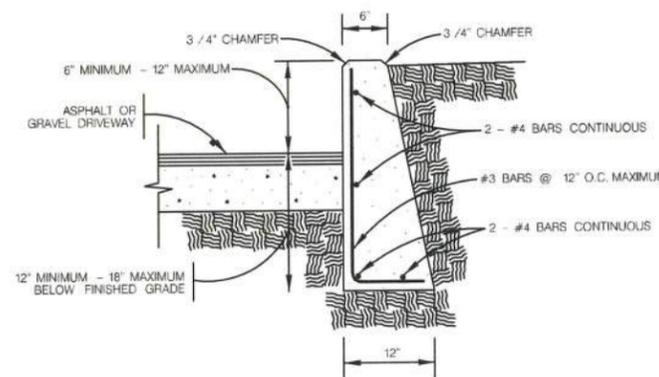
WITH SIDEWALK SEPARATED FROM CURB
ITEM 503.2

CONCRETE DRIVEWAY NOTES

- DRIVEWAY PENETRATION REFERS TO A PORTION OF THE DRIVEWAY THAT MAY BE NECESSARY TO RECONSTRUCT WITHIN PRIVATE PROPERTY TO COMPLY WITH A MAXIMUM DRIVEWAY SLOPE. THIS PORTION OF THE DRIVEWAY SHALL BE PAID FOR UNDER THE FOLLOWING ITEMS AS MAY APPLY:
A.) CONCRETE DRIVEWAY PAID FOR UNDER ITEM NO. 503.1 OR 503.2.
B.) ASPHALTIC CONCRETE DRIVEWAY PAID FOR UNDER ITEM NO. 503.4 AND SHALL INCLUDE A MINIMUM OF 1" ASPHALT TYPE D' & 6" FLEXIBLE BASE.
C.) GRAVEL DRIVEWAY PAID FOR UNDER ITEM NO. 503.5 AND SHALL INCLUDE A MINIMUM OF 6" FLEXIBLE BASE.
- MINIMUM HEIGHT WILL NOT NECESSARILY OCCUR AT THE PROPERTY LINE. IT MAY OCCUR WITHIN THE RIGHT OF WAY OR WITHIN THE DRIVEWAY PENETRATION ON PRIVATE PROPERTY.
- THE PROPOSED DRIVEWAY SHOULD MATCH THE EXISTING WIDTH AT THE PROPERTY LINE BUT UNLESS AUTHORIZED BY THE CITY TRAFFIC ENGINEER, THE WIDTH SHALL BE WITHIN THE FOLLOWING VALUES:

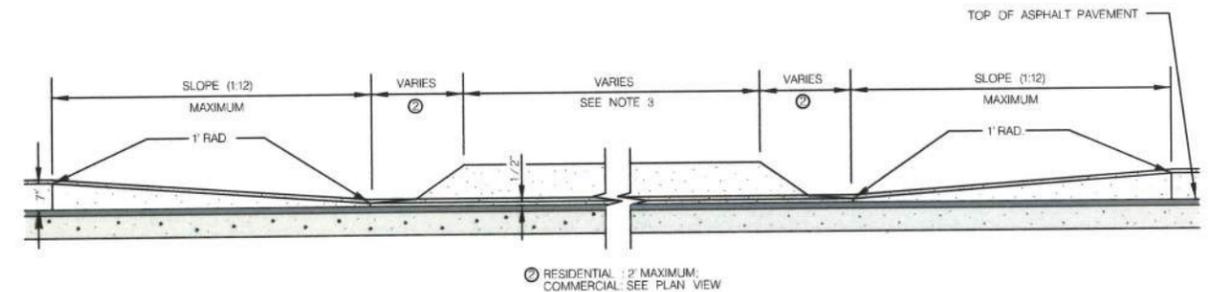
TYPE	MINIMUM	MAXIMUM
RESIDENTIAL	10'	20'
COMMERCIAL - ONE WAY	12'	20'
COMMERCIAL - TWO WAY	24'	30'

- FOR LOCAL TYPE "A" STREETS, SIDEWALK SHALL HAVE A MINIMUM WIDTH OF 4' AND IF SEPARATED FROM THE CURB, THE SIDEWALK SHALL BE LOCATED A MINIMUM OF 2' FROM THE BACK OF CURB.
- FOR OTHER THAN LOCAL TYPE "A" STREETS, THE SIDEWALK SHALL HAVE A MINIMUM WIDTH OF 4' AND SEPARATED A MINIMUM OF 2' FROM THE BACK OF CURB OR AS AN OPTION, THE SIDEWALK SHALL HAVE A MINIMUM WIDTH OF 6' WHEN LOCATED AT THE BACK OF CURB.
- DUMMY JOINTS PARALLEL TO THE CURB SHALL BE PLACED WHERE THE SIDEWALK MEETS THE DRIVEWAY. DUMMY JOINTS PERPENDICULAR TO THE CURB AND WITHIN THE BOUNDARIES OF THE PARALLEL DUMMY JOINTS SHALL BE PLACED AT INTERVALS EQUAL TO THE WIDTH OF THE SIDEWALK.
- A MINIMUM OF TWO ROUND AND SMOOTH DOWEL BARS 3/8" IN DIAMETER AND 18" IN LENGTH SHALL BE SPACED 18" APART AT EACH EXPANSION JOINT.
- SIDEWALK RAMP LENGTHS SHALL BE OF SUFFICIENT LENGTH TO MAINTAIN 8.33% (1:12) MAXIMUM SLOPE. WHERE SIDEWALKS CROSS DRIVEWAYS, SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.
- SIDEWALK RAMP SURFACE SHALL BE BRUSH FINISHED.



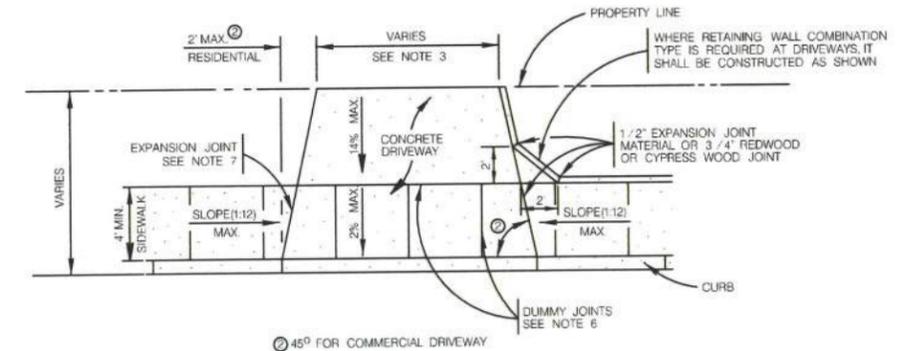
NOTE:
1. COST OF REINFORCEMENT TO BE INCLUDED IN UNIT COST OF ITEM 307.1
2. CONCRETE RETAINING WALL COMBINATION TYPE SHALL BE USED FOR CONCRETE DRIVEWAYS.

DRIVEWAY - CONCRETE RETAINING WALL
ON COMPACTED SUBGRADE
ITEM 307.1



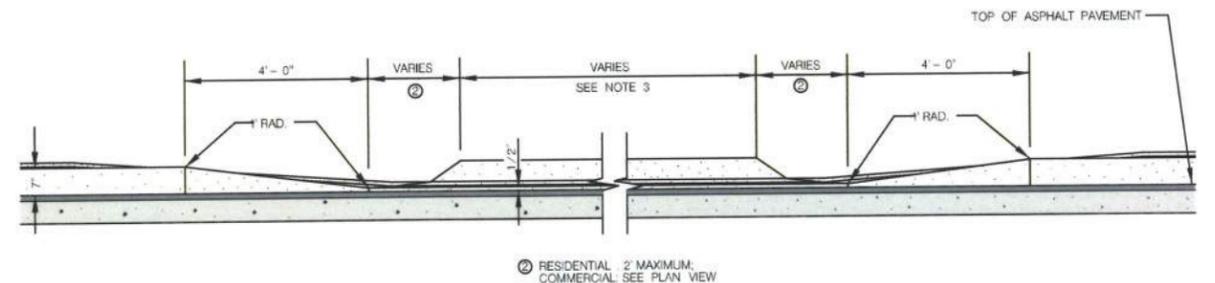
CURB PROFILE AT DRIVEWAY

WITH SIDEWALK ABUTTING CURB



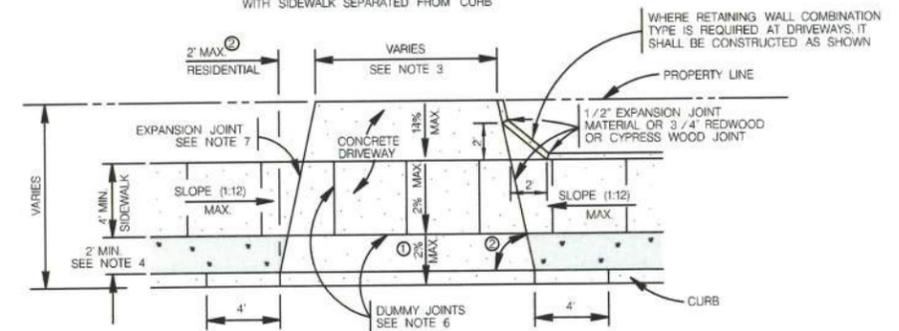
TYPICAL DRIVEWAY PLAN VIEW

WITH SIDEWALK ABUTTING CURB



CURB PROFILE AT DRIVEWAY

WITH SIDEWALK SEPARATED FROM CURB



TYPICAL DRIVEWAY PLAN VIEW

WITH SIDEWALK SEPARATED FROM CURB

REV. NO.	DESCRIPTION	DATE
1	BASE / REINFORCEMENT MODIFICATIONS	3/10/16

MAY 2009

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

CONCRETE DRIVEWAY STANDARDS



% SUBMITTAL	PROJECT NO.	DATE
DRWN. BY: V. VASQUEZ	DSGN. BY:	CHKD. BY: R.S. HOSSEINI, P.E.



Note: Addenda Acknowledgement Form for Addendum 3 is attached herein. This form must be signed and submitted with the bid package.

RECEIPT OF ADDENDUM NUMBER(S) **3** IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR CONSTRUCTION OF THE **2016-2017 TASK ORDER CONTRACT FOR MISCELLANEOUS CONSTRUCTION PROJECTS PACKAGE 1 – 23-01472-05-03**

FOR WHICH BIDS WILL BE OPENED ON **TUESDAY, MARCH 22, 2016 AT 2:00 P.M.**

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title