

Stones River Greenway Extension – Phase 4A

ADDENDUM NO. 1



Stones River Greenway Extension – Phase 4A Lose # 01018

ADDENDUM NO. 1

October 20, 2014

This addendum supersedes and supplements all portions of the bidding documents and becomes part of the Contract Documents for the above referenced project.

Failure to acknowledge this addendum in the Bid Form may result in Bid being deemed non-responsive.

Where any original item is amended, voided or superseded hereby, the provision of such item not so specifically amended, voided or superseded shall remain in effect.

ADDENDUM No. 1 NARRATIVE:

Attachments

1. Revised Pricing Worksheet (3 pages)
2. Revised Drawings (2 pages – C1.11, 4.01)

Clarifications and Pre-Bid notes

1. The Pricing Worksheet has been adjusted to include additional notes clarifying pricing protocol, a statement of Addenda receipt, and additional line items as identified below.
2. Heavy duty asphalt is not required for this project and all corresponding labels / details have been eliminated from the drawings.

Questions Received

1. “The plans call for the unsuitable material to be used on the sides of the trail. What material should we use to fill the trail area's? And how deep are we expected to excavate in order to find a suitable sub-grade?”
 - a. Contractor shall excavate to depths indicated in plans and corresponding details. Pending compaction and subsequent geotechnical review of subgrade, additional undercutting shall be addressed as a change order based on the cubic yard (CY) unit price provided in the Pricing Worksheet. Additional fill shall be addressed as a change order based on geotechnical field review. For bid purposes, bidders shall include a unit price for shot rock and geotextile to be referenced for future fill change orders.

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2. “There is no pay item for removal of the existing bridge.”
 - a. A lump sum bridge demolition item has been added to the Pricing Worksheet. All material, labor, permits, etc. required to remove the existing bridge shall be included within this line item.
3. “There are no Erosion Control Items. How should we address the following items—Rock Check Dams; Outlet Protection (R/R); Sandbags for demo; Filter Sock 8" and 12"; Curb Inlet Protection (Type 4); Catch Basin (Type D); Sediment Filter Bag; Cofferdam”
 - a. Rock Check Dams – A rock check dam line item has been added to the Pricing Worksheet.
 - b. Outlet Protections (R/R) – Outlet protection is addressed in Detail 1 on Sheet C2.91 and comprised of permanent erosion control matting and a rock check dam. Bidders shall price these according to the respective line items.
 - c. Sandbags – Sandbags are not addressed as individual line items. If deemed necessary, sandbags shall be included within respective line items (i.e. sandbags required for bridge/boardwalk construction shall be included under the corresponding line item).
 - d. Filter Socks – Filter socks are not addressed as individual line items. If deemed necessary, filter socks shall be included within respective line items (i.e. filter socks required for bridge/boardwalk construction shall be included under the corresponding line item).
 - e. Curb Inlet Protection – No curb inlet protection is required in Phase 4A.
 - f. Catch Basin – No catch basins are included within Phase 4A.
 - g. Sediment Filter Bag – Sediment filter bags are not addressed as individual line items. If deemed necessary, sediment filter bags shall be included within respective line items (i.e. sediment filter bags required for bridge/boardwalk construction shall be included under the corresponding line item).
 - h. Cofferdam – Cofferdams are not addressed as individual line items. If deemed necessary, cofferdams shall be included within respective line items (i.e. cofferdams required for bridge/boardwalk construction shall be included under the corresponding line item).
4. “There is not an extruded curb item.”
 - a. An extruded curb line item has been added to the Pricing Worksheet.
5. “There is not a pay item for concrete curb ramps or driveways”
 - a. A concrete curb ramp / driveway line item has been added to the Pricing Worksheet.
6. “There is not pay item for A Mix and the pay item for the binder is incorrect.”
 - a. Pay items have been updated accordingly on the Pricing Worksheet.
7. “There is no pay item for Cold Planning (Milling of Asphalt).”
 - a. Milling of asphalt and cold planning line items have been added to the Pricing Worksheet.
8. “Engineered fill - please clarify the material to be used”
 - a. Engineered fill shall be per TDOT specifications. Additionally, all engineered fill material required to establish subgrade elevations (excluding fill required

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- for undercutting) shall be included within the ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED) lump sum line item.
9. “The bridge abutment may increase in size depending on existing conditions. How is this cost to be accounted for?”
 - a. Bridge abutments shall be priced as a lump sum according to drawings exactly as shown. Pending field determination of bedrock elevation, any abutment adjustment shall be addressed as a change order. For bid purposes, bidders shall include a unit price for reinforced concrete to be referenced for future change orders.
 10. “There is no pay item for stamped concrete.”
 - a. A stamped concrete line item for stamped concrete has been added to the Pricing Worksheet.
 11. “Based on the specification, it appears that we are to design the structure based on AISC’s manual. However in the ‘Design Load Information’ on sheet S1.00, the required uniform live load is 90 psf, which is an AASHTO LRFD requirement. Please confirm that we do not need to design based on AASHTO LRFD, and that we can use a uniform live load of 85 psf (reduction allowed on primary members) per the written specification.”
 - a. The required uniform live load shall be 85 psf.
 12. “In the ‘Design Load Information’ on sheet S1.00, there is a mention of stream loading and it says to reference the specifications. However I could not find any stream loading info in the specs. Should we account for this in the design, and if so please provide the stream loading information.”
 - a. A stream velocity of 9.51 ft/s and an elevation of 591.91’ shall be used in all stream loading calculations.
 13. “Note #8 under the ‘Structural Steel’ notes on sheet S1.00 indicates that all steel elements exposed to weather shall be hot-dip galvanized. However the specification for the bridge indicates that it is to be unpainted weathering steel. Please confirm that the bridge does not have to be galvanized.”
 - a. The bridge shall be unpainted weathering steel.
 14. “Is a toe plate required? The specification indicates that one is required, but it is not shown on the section view on sheet C4.06.”
 - a. A toe plate is required.

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Manufacturer/Product Consideration

Project construction documents do not identify a prefabricated bridge manufacturer that **MUST** be used; rather, it shall be the contractor's responsibility to submit shop drawings sealed by a qualified bridge engineer prior to beginning construction. This addenda does not endorse any particular manufacturer, however, the following entities have made inquiries about being considered as potential project manufacturers.

1. CONTECH Bridge Solutions Inc.
8301 State Highway 29 North
Alexandria, Minnesota 56308
(800) 328-2047
2. Big R Bridge
P.O. Box 1290
Greeley, CO 80632
(800) 234-0734
3. Cameron Bridge Works
1051 South Main Street
Elmira, NY 14904
(607) 734-9456

NOTE: Receipt of this addendum should be acknowledged on the Bid Form.

END OF ADDENDUM

PRICING WORKSHEET

- 1) This worksheet shall be used in producing bids. All items are to be bid as listed. Any items not listed but which are necessary to complete the work shall be included in the appropriate listed items where they are required (i.e. lumber necessary to complete concrete).
- 2) The base bid includes, but is not limited to, all labor, equipment, and materials, unless otherwise specified, to bring to completion the proposed Stones River Greenway Extension - Phase 4A project as specified on the plans and in the specifications. The base bid also includes all permits, fees, bonds, inspections, and final approvals by all agencies having jurisdiction.
- 3) The following list of unit prices is required by the Owner to be completely executed and submitted with each bidder's proposal. Refer to the details and specifications for the items listed. Each unit price shall include the furnishing of all labor, materials, supplies, services, etc. and all items of cost, overhead, profit, insurance, taxes, fees, permits, etc. for the contractor and any subcontractors involved. Each unit price shall be used uniformly, without modification, for either additions or deductions so that the owner's representative may verify requested equitable adjustments of the contract price in connection with the changes, or extra work performed under the contract. Field measurements will be used for all unit prices.

ADDENDA

- 1) We acknowledge the receipt to Addenda numbered _____ through _____.

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	SUBTOTAL
GENERAL					
209-01.11	CONSTRUCTION ACCESS	5	EA	_____	_____
712-01	TRAFFIC CONTROL	1	LS	_____	_____
105-01	CONSTRUCTION STAKES, LINES AND GRADES	1	LS	_____	_____
105-01.50	CONSTRUCTION LAYOUT	1	LS	_____	_____
DEMOLITION					
201-01.03	CLEARING AND GRUBBING	3.6	AC	_____	_____
714-05.45	REMOVE & RELOCATE UTILITY POLE	1	LS	_____	_____
920-13.05	EXISTING BRIDGE DEMOLITION - <i>Includes all labor, materials, permits, etc. required for removal of existing bridge and abutments.</i>	1	LS	_____	_____
503-01.01	MILLING CONCRETE PAVEMENT	740	SY	_____	_____
EARTHWORK, EROSION CONTROL, & DRAINAGE					
203-01.06	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED) - <i>Includes all project grading (rough grading, fine grading, trail edge backfill, etc.)</i>	1	LS	_____	_____
203-05	UNDERCUTTING	231	CY	_____	_____
203-60	QUARRY SHOT RUN ROCK WITHOUT FINES	0	T	_____	_____
740-10.05	GEOTEXTILE - TYPE V (DESCRIPTION)	0	SY	_____	_____
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	5035	LF	_____	_____
709-05.06	MACHINED RIP-RAP (CLASS A-1)	1088	T	_____	_____
209-08.07	ROCK CHECK DAM	36	EA	_____	_____
805-12.02	EROSION CONTROL BLANKET (TYPE I)	7396	SY	_____	_____
607-01.02	12" CONCRETE PIPE CULVERT (CLASS III)	72	LF	_____	_____

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	SUBTOTAL
607-03.03	18" CONCRETE PIPE CULVERT (CLASS IV)	68	LF		
607-05.03	24" CONCRETE PIPE CULVERT (CLASS IV)	128	LF		
607-06.03	30" CONCRETE PIPE CULVERT (CLASS IV)	30	LF		
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	16	EA		

HARDSCAPE

303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D - <i>Sidewalk base</i>	693	T		
701-01.01	CONCRETE SIDEWALK (4")	16028	SF		
920-10.01	STAMPED CONCRETE	201	SF		
701-02.03	CONCRETE CURB RAMP	383	SF		
702-01.02	CONCRETE CURB (FLUSH) - <i>Includes base</i>	6018	LF		
702-01.02	CONCRETE CURB (TURNDOWN) - <i>Includes base</i>	360	LF		
702-01.01	EXTRUDED MOUNTABLE CURB	758	LF		
920-10.04	CONCRETE WHEELSTOPS	24	EA		
740-10.05	GEOTEXTILE - TYPE V (DESCRIPTION)	12236	SY		
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D - <i>Bituminous base</i>	2936	T		
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	26.14	T		
307-01.08	ASPHALT CONCRETE MIX (PG64-22)(BPMB-HM) GRADING B-M2	386	T		
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.28	T		
411-33.32	ASPHALTIC SURFACE MIX (411E MIX)	1387	T		
407-02.14	ASPHALT PAVEMENT REPAIR	18	SY		
415-01.02	COLD PLANNING BITUMINOUS PAVEMENT	740	SY		
701-01.04	CAST-IN-PLACE TACTILE WARNING SYSTEM	75	SF		
716-04.10	PLASTIC PAVEMENT MARKING (HANDICAP SYMBOL)	2	EA		
716-05.08	PAINTED PAVEMENT MARKING (PARKING LINE)	883	LF		
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	1062	LF		
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	80	LF		
716-05.03	PAINTED PAVEMENT MARKING (CROSS-WALK)	38	LF		
716-05.11	PAINTED PAVEMENT MARKING (STRAIGHT ARROW)	16	EA		
920-11.04	PAINTED PAVEMENT MARKING (PEDESTRIAN)	4	EA		

STRUCTURES

920-11.05	PEDESTRIAN BRIDGE ABUTMENTS - <i>Includes all accompanying excavation, shoring, material installation, and gravel/soil backfill</i>	1	LS		
602-03.01	STEEL STRUCTURES - <i>Includes accompanying delivery and installation</i>	1	LS		

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	SUBTOTAL
920-12.05	PEDESTRIAN BOARDWALK ABUTMENTS - <i>Includes all accompanying excavation, shoring, material installation, and gravel/soil backfill</i>	1	LS		
602-03.02	PEDESTRIAN BOARDWALK - <i>Includes accompanying delivery and installation</i>	1	LS		
AMENITIES					
721-01.01	BENCH	2	EA		
721-01.02	TRASH RECEPTACLE	2	EA		
920-10.05	TRAILHEAD SIGNAGE - <i>Includes trail map & rules sign</i>	3	EA		
713-01.10	TRAILHEAD SIGNAGE - <i>Includes trailhead marker sign</i>	1	EA		
705-02.02	SIGNING	13	EA		
705-04.04	SINGLE GUARDRAIL (TYPE 2)	405	LF		
707-08.01	GUARDRAIL TERMINAL (TYPE 21)	6	EA		
920-10.04	FENCE (SAFETY RAILING)	904	LF		
709-11.01	TRAILHEAD GATE	1	EA		
630-01.17	BOULDER (3-4' DIAMETER)	15	EA		
630-01.17	REMOVABLE BOLLARD	8	EA		
LANDSCAPE					
801-02.09	SEEDING	1.53	AC		

TOTAL BASE BID: _____ dollars

(\$ _____)



LOSE & ASSOCIATES, INC.
1314 5th Avenue North, Suite 200
Nashville, TN 37208
(615) 242-0040

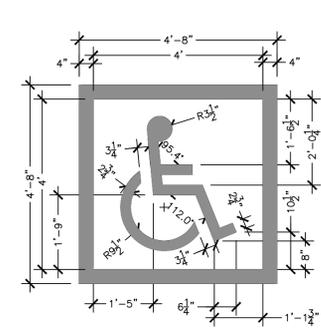
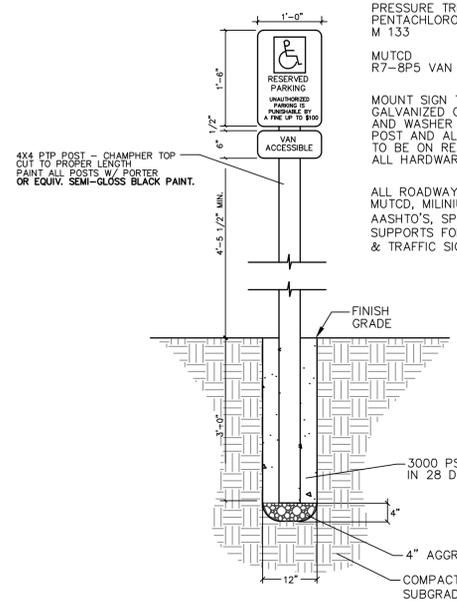
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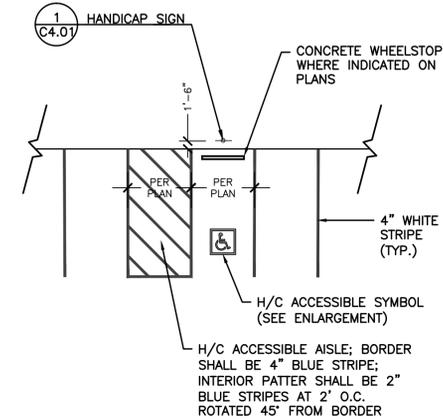
STONES RIVER GREENWAY EXTENSION PHASES 4A
PREPARED FOR
MURFREESBORO TENNESSEE

NOTES:
PRESSURE TREATED WOOD POSTS—PENTACHLOROPHENOL AS PER AASHTO M 133
MUTCD R7-8P5 VAN ACCESSIBLE SIGN
MOUNT SIGN TO POST WITH 3/8" GALVANIZED CARRIAGE BOLTS WITH NUT AND WASHER LONG ENOUGH TO PENETRATE POST AND ALLOW FOR NUT & WASHER TO BE ON REAR SIDE OF SIGN. ALL HARDWARE GALVANIZED TYPE A307

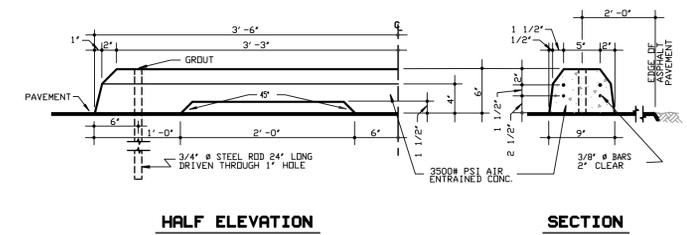
ALL ROADWAY APPLICATION SIGNAGE TO MEET MUTCD, MILINIUM EDITION, STANDARDS AND AASHTO'S, SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, & TRAFFIC SIGNALS.



PAIN COLORS
STRIPING - WHITE
INFILL - BLUE



NOTE: ADJACENT STALLS VARY PER PLAN

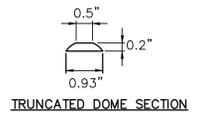


1 HANDICAP SIGN
SCALE: NTS

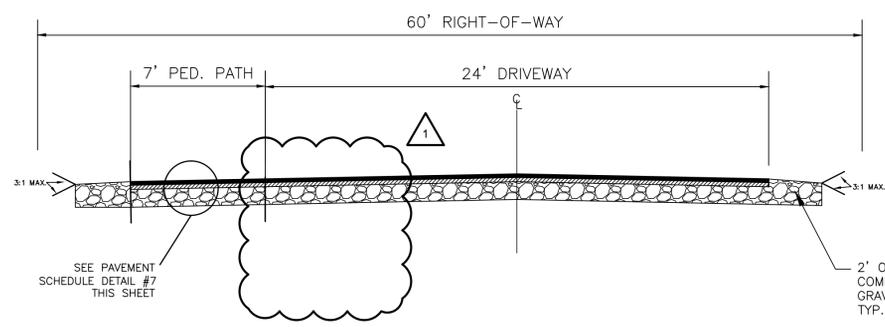
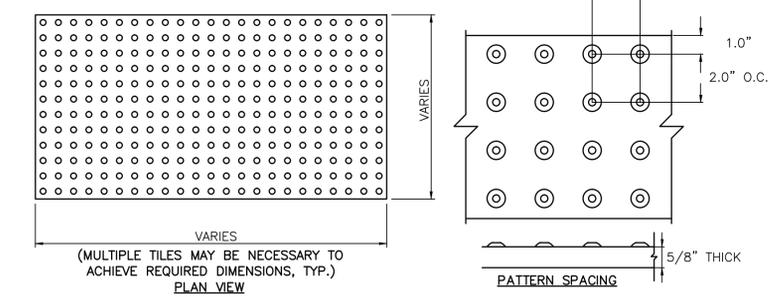
2 HANDICAPPED PARKING LAYOUT
SCALE: NTS

3 PRECAST CONCRETE CURB STOP
SCALE: NTS

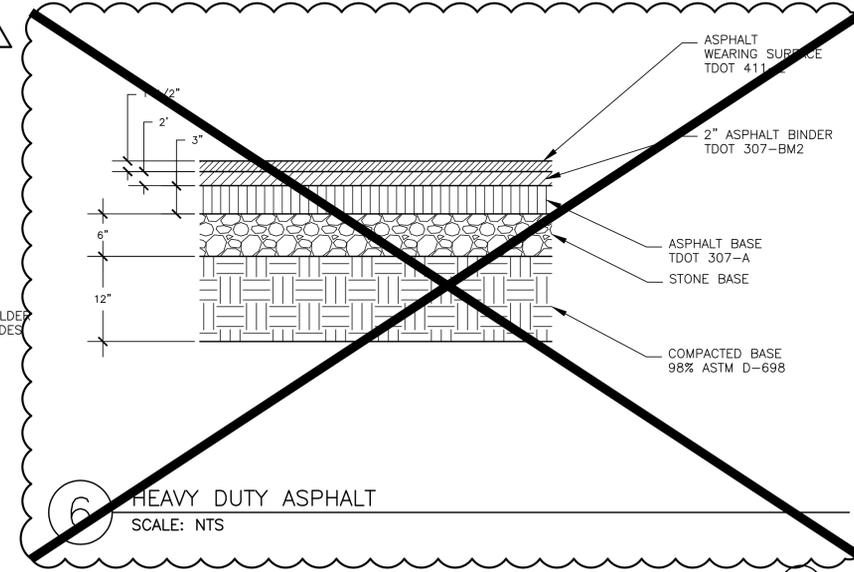
CEMENT CRITERIA:
-ASTM C501-84 AVERAGE WEAR INDEX LESS THAN 28
-ASTM C39/C1231 COMPRESSION STRENGTH = 11,000 PSI MIN
-ASTM C78 FLEXRAL STRENGTH = 1200 PSI MIN
-MAXIMUM THICKNESS = 1INCH
-MAXIMUM TRUE ENGLISH DIMENSION OF TILE NOT GREATER THAN 24"X24"



**COLOR TO BE SELECTED BY OWNER AND SHALL CONFORM TO ANSI A117.1 2003 SECTION 705.3



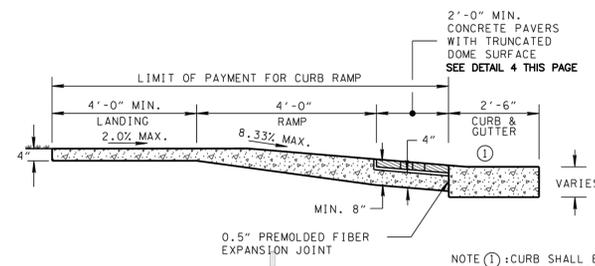
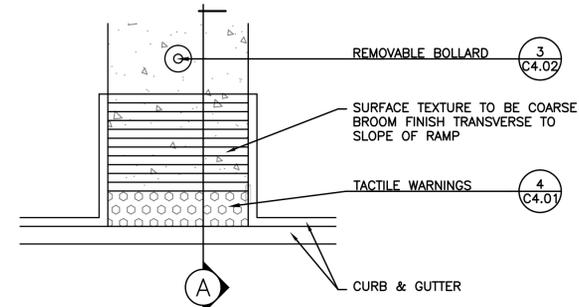
5 ROADWAY (TYPICAL SECTION)
SCALE: NTS



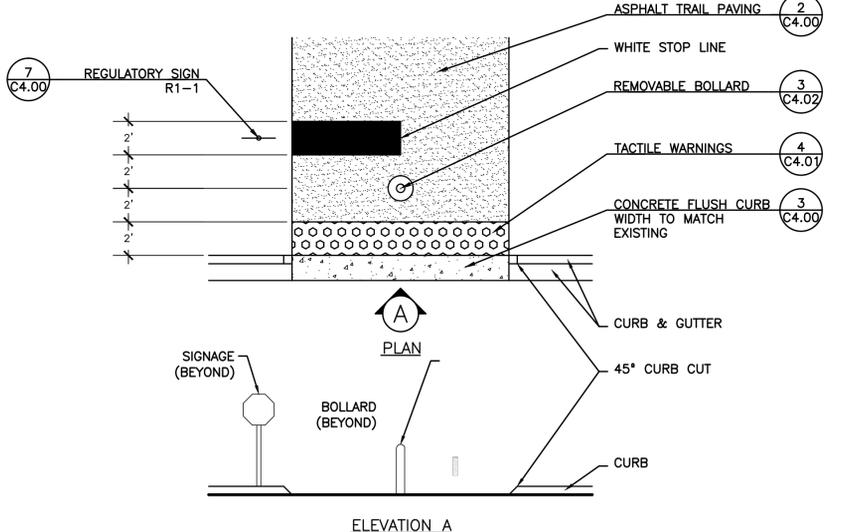
6 HEAVY DUTY ASPHALT
SCALE: NTS

NOTES:
1. INSTALL ALL COMPONENTS PER MANUFACTURER'S SPECIFICATIONS.
2. SUBMIT PRODUCT DETAILS, PATTERNS AND COLOR SAMPLES FOR OWNER SELECTION PRIOR TO ORDERING OR INSTALLATION.
3. WIDTH OF DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 2 FEET AND VARY WITH WIDTH OF RAMP.
4. DETECTABLE WARNING AREA CAN BE SQUARE WHERE USED IN A CURB RADIUS.
5. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN TEXTURED DOMES.
6. RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1
7. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA.
8. DRAINAGE STRUCTURES, MAST ARMS, LIGHT POLES, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN LINE WITH RAMPS. LOCATION OF THE RAMP SHALL TAKE PRECEDENCE OVER LOCATION OF OBSTRUCTIONS EXCEPT WHERE EXISTING OBSTRUCTIONS ARE BEING UTILIZED IN THE NEW CONSTRUCTION.

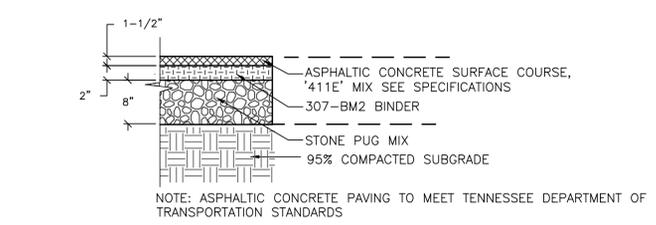
4 TACTILE WARNINGS
SCALE: NTS



8 HANDICAP SIDEWALK RAMP
SCALE: NTS



9 TRAIL CURB CUT
SCALE: NTS



7 LIGHT DUTY ASPHALT
SCALE: NTS

REVISIONS		
NO.	DATE	COMMENTS
10/15/13		CITY SUBMITTAL
03/03/14		TDOT SUBMITTAL
04/21/14		TDOT RE-SUBMITTAL
05/09/14		TDOT RE-SUBMITTAL
10/20/14		ADDENDUM NO. 1

SHEET TITLE
SITE DETAILS

PROJECT NUMBER: **01018**
DATE: **4-18-2014**
DRAWN BY: **BB**
CHECKED BY: **LD**
SCALE: **NTS**

SHEET NUMBER
C4.01

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