CITY OF BELTON, MISSOURI CASS COUNTY

ADDENDUM NO. 1

NEXUS TRAIL STP-3356 (403)

The original Bid Documents remain in effect except as revised by the changes noted in this **Addendum No. 1**, dated **July 5**, **2016**.

GENERAL

- 1) DBE Goal is 12%.
- 2) See attached mandatory pre-bid Meeting Minutes and sign-in sheet. The City will only open bid submitted by firms that attended this meeting.

SPECIFICATIONS

- 1) Schedule:
 - a. The City requires the Contractor to make completing the Oil Creek Trail segment north of Markey Parkway as the highest priority for this project. The Contractor shall schedule their work to reflect this priority and show the segment completion date on the GANTT schedule. Other portions of the Nexus Trail may be under construction concurrently with this segment.
- 2) SWPPP:
 - a. TranSystems has developed the attached SWPPP for this project. The Contractor may accept this document, or create their own SWPPP.

ACKNOWLEDGEMENT

Each bidder shall acknowledge receipt of this **Addendum No. 1** in the space provided in the Bid Proposal.

END OF ADDENDUM



Minutes

2400 Pershing Road Suite 400 Kansas City, MO 64108 Tel 816 329 8600 Fax 816 329 8601

www.transystems.com

Nexus Trail STP 3356 (403) Mandatory Pre-Bid Conference

June 23, 2016

I. Introductions

2. Key Contacts

a. TranSystems: Kristi Bardosi – (816) 329-8856 – kmbardosi@transystems.com

b. TranSystems: John Zimmermann – (816) 329-8631 – jwzimmermann@transystems.com

c. Belton: Kate Patras (Glowacki) – (816) 331-4331 – kpatras@belton.org

d. Belton: Zach Matteo – (816) 331-4331 – zmatteo@belton.org

3. Introductory Remarks

- a. SIGN-IN SHEET / Your firm <u>MUST</u> be listed on Sign-In Sheet for the City to open your Bid. See attached sign-in sheets.
- b. Project is partially funded by MoDOT TA funding, so the contract will follow federal requirements.
- 4. Project Scope
- 5. Coordination
 - a. Utilities
 - i. Use One-Call
 - ii. No known conflicts
 - b. Property Owners
 - c. MoDOT Right-of-way permit needed for all work on Route 58.
- 6. Contract
 - a. State and Federal Prevailing Wage requirements apply
 - b. All on-site employees (prime and subs) must have OSHA-10 certification.
 - c. DBE Contract Goal is 12%
 - d. "Buy America" applies on all steel products
 - e. Sales Tax Exemption Certificate will be issued by City
 - f. Measurement and Payment: No measurement of "Plan" quantity items.
 - g. City to inspect project. TranSystems will have part-time inspector on-site.
 - h. City is Responsible for Testing of Construction Materials
 - i. Contract Time: 150 Calendar Days
 - j. Liquidated Damages will be \$700 per calendar day
- 7. Bid Documents available from Drexel Technologies.
- 8. Bids received by City Clerk's Office at City Hall
- Ouestions
 - a. Will the City provide a spoil site? NO. However the City encourages the contactor to work with the developers on the sites near the project.
 - b. Does the City have a preferred manufacturer for the bench? NO. Any bench that meets the specification and plans will be acceptable,
 - c. Will TranSystems prepare a SWPPP? YES. See attached.
 - d. Is there a geotech report available? NO.
 - e. Will the City share the budget for the project? NO. The federal rules do not allow the sharing of this information.



Prebid Meeting Belton Nexus Trail STP 3356 (403) June 23, 2016

Name	Company	email
Charlie Lane	JA Lillig Excavating	charlie @ jalillig.com
Holly Lillig	J.A. Lillig Excavoting	holly a jalillig com
DON SYEPHENSON	Mid West Heavy Ca	ist done mu heavy . com
NILK AMES		nicknames Receexcaning Taxon
Roger Avalos	McConnell and Associates Co	rp. r.avalos@mcconnellassociates.on
		general @ wiedenmannine, com
Mike Martin	Freeman ConcreteConst	mike a freemandb. com



Prebid Meeting Belton Nexus Trail STP 3356 (403) June 23, 2016

Name	Company	email
And Minor	Qunter Construction	bids @ Qunter KC. com.
COLTON HILBRENNER	MEGA INDUSTRIES	bids emegakc.com
STEVEN L HENDERSON	MS Consulting LLC	SHENDERSON @ MS CONSULTING KE. COM
Michael Evans	City of Bolton	mevans Chelton org
Ron Raines	City of Betton	mraines @ betton, org
Terry Swelling	Terry Snelling Construction he	tssnelling @yahoo.com
DAN Murray	Four Star Construction	foorstarfux@gmail.com
JOHO ZIMMERMANO	TRAUSYSPONS	J wz immerm and G) transy stars, com



STORMWATER POLLUTION PREVENTION PLAN

Nexus Trail STP-3356 (403)

Owner(s):

City of Belton

Prepared by:

TranSystems
John Zimmermann, P.E.
2400 Pershing Road, Suite 400
Kansas City, MO 64108
816-329-8600

SWPPP Preparation Date: <u>07-05-2016</u>

Approximate Project Construction Start Date: <u>August 2016</u> Approximate Project Completion Date: <u>August 2017</u>

Note – Disturbance requirements and drawings are included in the erosion control plans and specifications.

PART 1 GENERAL PROJECT INFORMATION

PROJECT NAME: Nexus Trail STP-3356 (403)
LOCATION OF PROJECT: Belton, Missouri
LATITUDE 39° 49′ 20″ LONGITUDE 94° 30′ 57″
GENERAL DESCRIPTION OF PROJECT:
Describe the general scope of the work for the project, major phases of construction, etc: <u>Trail construction, Storm Sewer Construction, Landscaping, and stream stabilization measures</u>
Construction activities will be completed in one phase.
NA/leak in the function of the construction activity (2)
What is the function of the construction activity? ☐ Linear Transportation Facility ☐ Recreational Facility
□ Other (please specify): Stream bank stabilization
SOILS, SLOPES, VEGETATION, AND CURRENT DRAINAGE PATTERNS
Soil type(s):Silt and Clay
Slopes (describe current slopes and note any changes due to grading or fill activities): <u>Gentle slopes (2-9%) outside of the 3:1 channel slopes.</u>
Drainage Patterns (describe current drainage patterns and note any changes dues to grading or fill
activities): Global drainage is from south to north. The trail crosses one existing drainage channel. (Oil Creek) No changes in drainage patterns are proposed.
Vegetation. Creedland 9 Journa with some landscaping
Vegetation: Grassland & lawns with some landscaping.



PART 2 PROJECT PLANNING & DESIGN

SOIL DISTURBING ACTIVITIES for this project will inc	clude the following:		
(Check all those which apply)			
	etation		
Stripping of topsoil within the limits of construction			
Stockpiling and re-spreading topsoil			
□ Utility trench excavation and backfill			
Preparing subgrade for streets and signal	dewalks		
Backfilling curbs and sidewalks			
Construction of sediment basins and s	stormwater detention		
☐ Disposal areas for excess excavated i			
☐ Borrow areas for fill material			
☐ Construction of compacted fill areas for	or residential building co	nstruction	
Other (specify):			
· · · · · · · · · · · · · · · · · · ·			
TOTAL SITE AREA:	N/A	acres	
ESTIMATED AREA to be disturbed by all activities:	2.5	acres	
RUNOFF COEFFICIENT prior to development:RUNOFF COEFFICIENT after development:	SCS #82		
RUNOFF COEFFICIENT after development:	SCS #82		
DESCRIBE AND IDENTIFY the location of any storm v	water discharge assoc	iated with industrial activity other than	
construction at the site-includes storm water discharge	s from dedicated asph	nalt and concrete plants: None	
· ·	•	•	
CONTROLS TO REDUCE pollutants from these mater	rials (if annlicable).	N/A	
·		TWIT	_
			=
			_
NAME OF RECEIVING water: Oil Creek			
CLASS N/A			
CLASS N/A DISTANCE FROM PROJECT outfall to receiving wate	r· 0	feet	
DISTANCE I NOWIT NOSECT outlan to receiving water	ı. <u> </u>	ieet	
NOTE: If outfall discharge to more than one receiving v	water hady attach info	rmation for each outfall	
<u>NOTE</u> . If outlan discharge to more than one receiving v	water body, attach inio	imation for each outrail.	
ENDANGEDED III I I I I I I I I I I I I I I I I	11 1 1	O N	
ENDANGERED or threatened species/critical habitats			_
IF YES, describe the species and/or critical habitat: IF YES, describe steps taken to address the impact of			_
IF YES, describe steps taken to address the impact of	construction:		_
			_
HISTORIC SITES on or near the construction site?	No		_
$\label{eq:interpolation} \textbf{IF YES}, \ describe \ steps \ taken \ to \ address \ the \ impact \ of$	construction:		
·			



CONSTRUCTION SITE BEST MANAGEMENT PRACTICES

(Check all which will apply)

SOIL STABILIZATION BMPs:	
Scheduling Hydraulic/Wood Mulch Hydroseeding Soil Binders Straw Mulch Slope Drains	 ☑ Preservation of Existing Vegetation ☑ Geotextiles, ECBs, or TRMs ☑ Earth Dikes/Swales & Lined Ditches ☑ Outlet Protection/Velocity Dissipator ☑ Streambank Stabilization ☑ Other (specify)
TEMPORARY SEDIMENT CONTROL BMPs:	
Silt Fence ☐ Sediment Trap ☐ Fiber Rolls ☐ Sandbag Barrier ☐ Storm Drain Inlet Protection	☐ Sediment/Desilting Basin ☐ Check Dam ☐ Gravel Bag Berm ☐ Surface Roughening ☐ Other (specify) Temporary seed & mulch
WIND EROSION & TRACKING CONTROL BMPs: Wind Erosion Control Entrance/Outlet Tire Wash	Stabilized Entrance/Exit Other (specify)
NON-STORM WATER MANAGEMENT BMPs:	_
 Water Conservation Practices Dewatering Operations X Temporary Stream Crossing Clear Water Diversion Potable Water/Irrigation X Pile Driving Operations X Concrete Curing X Concrete Finishing 	Paving and Grinding Operations Illicit/Illegal Discharge Detection Vehicle and Equipment Cleaning Vehicle and Equipment Fueling Vehicle and Equipment Maintenance Material/Equipment Use over Water Demolition/Removal over Water Other (specify)
WASTE MANAGEMENT & MATERIALS POLLUTION CO	ONTROL BMPs:
Spill Prevention/ControlStockpile ManagementConcrete Waste ManagementSolid Waste ManagementLiquid Waste Management	 ✓ Material Delivery/Storage/Use ✓ Contaminated Waste Management ✓ Hazardous Waste Management ✓ Sanitary/Septic Waste Management ✓ Other (specify)
PERMANENT STABILIZATION BMPs:	
☐ Concrete Channel Lining☐ Sod Channel Lining☐ Riprap Channel Lining	✓ Vegetative Buffers✓ Concrete Channel Lining✓ Other (specify)
NOTE: Attach specifications and details for any of the item	s listed above, which do not have specifications and

details shown on the Erosion Control Plan.

<u>NOTE</u>: All temporary BMPs must be in place before construction can begin.



GENERAL DESCRIPTION of stormwater management plan, including any post-construction techniques with details
(See Plans and Specifications for detailed information.): Rip rap lined channels, enclosed storm drainage for
the Nexus Trail drainage system outlets to existing grass-lined swales.



PART 3 CONSTRUCTION PHASE

(To be completed by GENERAL CONTRACTOR)

PERMIT HOLDER (GENERAL CONTR	ACTOR'S NAME):	
ADDRESS:		
CITY:	STATE:	ZIP:
PHONE #:		FAX #:
E-MAIL:		MOBILE #:
NOTE: The General Contractor must de for ensuring compliance with the Stormv	signate a SEDIMENT vater Pollution Prever	CONTROL OFFICER, who has primary responsibility ntion Plan (SWPPP) during construction
NAME OF SEDIMENT CONTROL OFF	ICER:	
PHONE #:		FAX #:
E-MAIL:		MOBILE #:
HOW WILL they be notified when a 1/2'	or greater rain event	occurs?
subcontractor's names. Grading Storm sewers Paving Concrete flatwork Seeding and mulchi Gas Blasting	ng	Sanitary sewers Concrete drainage structures Curb and gutter Sediment controls Water Electric Other (specify)
(keep list updated throughout project):	mpanies, which will be disturbance:	e doing work on the site with their own contractors, and



BLAS	TING: List all contractors who will perform blasting N/A		handle explosives.	
IMPO	RTANT RECORDED DATES-to be filled in during Major grading activities begin: (dates) Construction temporarily or permanently ceased Stabilization measures initiated: (dates)	l: (dates)		
	ENCE OF CONSTRUCTION: The General Contra d disturbance before approval will be given.	ctor MU		struction
1.	ITEM		SUBCONTRACTOR	
2.				_
3.		:		_
4.				_
5.				_
6.				_
7.				_
8.				_
9.		•		_
10.				-
11.				_
12.				=



PART 4 GENERAL PRACTICES

(To be understood and completed by GENERAL CONTRACTOR)

GENERAL PRACTICES: The CONTRACTOR shall implement the following general erosion and sediment control practices in addition to specific measures found on the site plan:

- Work within watercourses and drainageways shall be completed as quickly as possible once the work has been initiated, and the disturbed area revegetated or protected from erosion as soon as possible. Work within watercourses may not commence until all equipment and material necessary to complete the work have been delivered to the site. <u>NOTE</u>: Work done within a waterway may need additional federal or state permits.
- Disturbed areas within 50 feet of a defined watercourse must be regraded, seeded, and mulched within 5 working days of the initial disturbance.
- If construction ceases in an area for more than 14 days, that area must be seeded and mulched in accordance with the temporary seeding schedule.
- The maximum time period for disturbed areas to be without vegetative cover shall be minimized to the extent practical and in no case shall exceed 30 days.

INSPECTIONS: The following maintenance and inspection practices are required to maintain erosion and sediment best management practices (BMPs):

- All control measures will be inspected at least once per week and immediately following any storm event of 1/2 "or more. Attach inspection form being used.
- All measures will be maintained in good working order. If a repair is necessary, it will be initiated within 24 hours of report.
- Silt fence, fiber rolls, and other perimeter controls will be inspected **weekly** for proper anchorage, leakage underneath, or tears in the control material.
- Built-up sediment will be removed from silt barriers when it has reached 1/3 of the height of the barrier.
- Sediment basins will be inspected for depth of sediment on a **monthly** basis and built-up sediment will be removed when 1/3 of the basin volume is filled.
- Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy
 growth. Developer/contractor is responsible for maintaining planted areas until growth has reached 1' in
 height.

MATERIAL INVENTORY : Check items stored outside on the site during construction:	
☐ Pipe, fittings, and joint compounds for underground utility piping	
☐ Gravel and stone bedding	
☐ Concrete forming materials	
Other (specify)	

<u>NOTE</u>: Fuels, oils, and other petroleum products; forming oils and compounds; fertilizers; pesticides; or any other hazardous or toxic compounds shall not be stored outside on the site unless specifically approved in this plan.

ILLICIT DISCHARGE/SPILL PREVENTION/MATERIAL MANAGEMENT PRACTICES:

- ILLICIT DISCHARGE: Any direct or indirect non-stormwater discharge to the Municipal Separate Storm Sewer System, not described in the NPDES permit.
- PETROLEUM PRODUCTS: All vehicles kept on the site will be monitored for leaks and receive regular
 preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed
 containers, which are clearly labeled. Any asphalt substances used on-site will be applied according to the
 manufacturer's recommendations.
- FUELING AND SERVICING: No fueling, servicing, maintenance, or repair of equipment or machinery may be done within 50 feet of a stream, or within 100 feet of a classified stream, losing stream or sinkhole.
- MUD TRACKING: A stabilized construction entrance has been designated on the site plan. Only designated



- entrances can be used for construction access to the site. The General Contractor is responsible for keeping mud cleaned from adjoining streets on a daily basis if needed.
- CONCRETE TRUCKS: Concrete trucks will be allowed to wash only in location where discharge is directed
 to a sediment basin.
- DISPOSAL OF OIL: No fuels, oils, lubricants, solvents, or other hazardous materials can be disposed of on the site. All hazardous material must be properly disposed of in accordance with Missouri State law.
- TRASH/SOLID WASTE: The General Contractor is responsible for disposing of all solid waste from the site
 in accordance with Missouri State law. Dumpsters or other collection facilities must be provided as needed.
 Solid waste may not be buried on the site.
- SANITARY WASTE: The General Contractor is responsible for providing sanitary facilities on the site. Sanitary waste may be disposed only in locations having a Missouri State permit.
- OTHER DISCHARGES: Water for pressure testing sanitary sewers, flushing water lines, etc. may be discharged only in approved areas.

AIR EMISSIONS

- BURNING: If allowed in the project specifications, any burning on the site requires a permit from the Missouri Department of Natural Resources.
- DUST CONTROL: The Contractor is required by Missouri State law to control fugitive dust blown from the site. Dust can be minimized by stabilizing areas with mulch as soon as possible. Watering must be provided in unstabilized areas. Fugitive dust emissions are regulated by the Department of Natural Resources.

HAZARDOUS PRODUCTS

- In the event of a release of hazardous materials the permit holder shall immediately notify emergency
 response agencies of the occurrence via emergency dispatch services and shall notify the Director of Public
 Works in person or by phone or facsimile no later than the next business day. Notifications in person or by
 phone shall be confirmed by written notice addressed and mailed to the Director within three business days
 of the phone notice.
- Products will be kept in original containers unless they are not resealable. If product is transferred to a new container, it must be properly marked and labeled.
- Original labels and material safety data will be retained.
- If surplus product must be disposed of, disposal must be done in accordance with Missouri State law.

OTHER GOOD HOUSEKEEPING PRACTICES: In addition to the previously mentioned standard practices, the following good housekeeping practices will be followed during the construction of the project:

- An effort will be made to store only enough product to do the job.
- All materials stored on-site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
- Products will be kept in their original containers with the manufacturer's label.
- Whenever possible, all of a product will be used up before disposing of the container in accordance with Missouri State law.
- Manufacturer's recommendations for proper use and disposal will be followed.
- The site superintendent shall inspect daily to ensure proper use, storage, and disposal of materials.
- Fertilizers will be applied only in the minimum amounts recommended by the manufacturer.
- All paint containers will be tightly sealed and stored when not required for use. Excess paint will not be dumped into the storm sewer system, but will be properly disposed of according to manufacturer's instructions and Missouri State law.

SPILL CONTROLS: In addition to the good housekeeping practices and material management practices listed in the previous sections of this plan, the following practices will be followed for spill cleanup:

- The Erosion Control Officer will be the spill prevention and cleanup coordinator.
- Manufacturer's recommended methods for spill cleanup will be clearly posted and site personnel will be



- made aware of the procedures and the location of the information and cleanup supplies.
- Material and equipment necessary for spill cleanup will be kept in the material storage area on-site.
 Equipment and materials will include, but not be limited to; brooms, dust pans, mops, rags, gloves, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Regardless of the size of the spill, spills of toxic or hazardous material will be reported immediately.
- The spill prevention plan will be adjusted to include measures to prevent this type of spill from re-occurring and how to clean up the spill if there is another one.

SAMPLING REQUIREMENTS: There are no sampling requirements required as a part of this plan. The Storm Water Services Division may require sampling and reporting as a result of illegal discharges, compliance issues, complaint investigations, or other such evidence of off-site contamination from activities at the site. If such an action is needed the Storm Water Services Division will specify, in writing, any additional sampling requirements.

ALLOWABLE NON-STORM WATER DISCHARGES: You are authorized for the following non-storm water discharges, provided the non-storm water component of the discharge is free of pollutants and is in compliance with federal, state, and local laws:

- Fire hydrant flushing
- · Waters used to wash vehicles where detergents are not used
- Water used to control dust
- Potable water, including uncontaminated water line flushings
- Routine external building wash down that does not use detergents
- Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used
- Uncontaminated air conditioning or compressor condensate
- Uncontaminated ground water or spring water
- Foundation or footing drains where flows are not contaminated with process materials such as solvents
- Uncontaminated excavation dewatering
- Landscape irrigation

NOTE: Non-storm water discharges should be eliminated/reduced to the extent feasible.



PART 5 CERTIFICATION

(To be completed by ALL PARTIES)

TRANSYSTEMS DECLARATION

I hereby declare that the site plan, location map, and information contained in Part II of this SWPPP has been prepared under my direction or supervision in general accordance with the Belton Municipal Code, and applicable State and Federal Regulations and that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

TranSystems	
By:	Title:
	Date:
OWNER'S CERTIFICATION	
I hereby certify, that I am the owner of the property of assume full responsibility for the performance of the	lescribed in this plan, or their legally authorized agent, and that I operation stated in this plan.
OWNER:	
By:	Title:
	Date:
am responsible for completing the requirements set	
By:	Title:
	Date:
SUBCONTRACTOR:	
By:	Title:
	Date:
Responsible For:	



SUBCONTRACTOR:		
By:		
Responsible For:		
SUBCONTRACTOR:		
By:	Title:	
Responsible For:		
SUBCONTRACTOR:		
Ву:	Title:	
Responsible For:		
SUBCONTRACTOR:		
By:		
Responsible For:		



REMINDER

- The SWPPP must remain on-site until the site has been closed out
- A copy of the permit and/or NOI needs to be attached to the SWPPP
- Any update or modification to reflect change at the site effecting discharge, or where inspections identify SWPPP/BMPs as ineffective, needs to be attached to the SWPPP.
- Any additional federal, state, or local permits need to be attached to the SWPPP.
- The SWPPP, as well as all supporting documentation (permits, inspection reports, addendums to the SWPPP, location map, site plan, NOI/NOT, etc.), must be retained for three (3) years.
- SWPPPs are dynamic documents, which can be changed during the construction process. The goal of SWPPPs is to keep sediment on project sites and assure water quality standards. If BMPs or procedures are not attaining this goal, then the SWPPP may be changed or updated in order to better address specific conditions.

TranSystems SWPPP Form Version 01-01-10



LOG OF CHANGES TO THE SWPPP

(To be completed, when necessary, during construction)

CREATE A LOG HERE of changes and updates to the SWPPP. You should include additions of new BMPs, replacement of failed BMPs, significant changes in the activities or their timing on the project, changes in personnel, changes in inspection and maintenance procedures, and updates to site maps, etc.

<u>UPDATE</u>	<u>DATE</u>
	_
	_
	_
	_
	_
	_
	_
	_
	_