

PAC REGIONAL DETENTION POND MODIFICATIONS

Parkville Commons Development

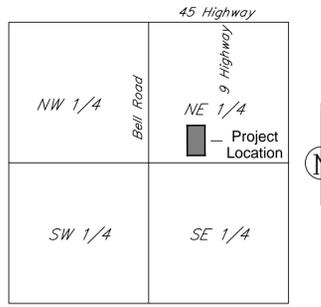
Parkville, Missouri 64152

NE 1/4 S26, T51N, R34W



PROJECT NO.: 11/10/15
 DARLA K HOLMAN, PE
 HOLMAN ENGINEERING
 6734 RED OAK
 SHAWNEE, KS 66217
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 engineering

QUANTITIES				
Item No.	Description	Unit	Quantity	As-Built Quantity
1.	Mobilization	L.S.	1	
2.	Temporary Haul Road Construction	L.S.	1	
3.	Erosion Control	L.S.	1	
4.	Pond Dredge/Excavation	C.Y.	1,677	
5.	15"RCP Pipe Removal	L.S.	1	
6.	Existing Structure Old Pipe Entrance Grout	L.S.	1	
7.	Existing Structure New Pipe Entrance Bore	EA.	4	
8.	15"RCP	L.F.	26.1	
9.	"TRAIL CLOSED" Sign	EA.	1	
10.	Surface Restoration	L.S.	1	



LOCATION MAP
 S26, T51N, R34W
 (No Scale)

SHEET INDEX	
NO.	TITLE
1	COVER SHEET
2	GRADING & STORM SEWER PLAN
3	EROSION CONTROL & SURFACE RESTORATION PLAN
4	DETAILS

CITY GENERAL NOTES:

- City of Parkville General Requirements:
- Contractor and all subcontractors shall keep onsite a set of approved plans. Approved plans shall bear the approval signature of the City. Contractor shall also keep onsite a set of KC Metro APWA Standard Specifications and Standard Drawings for public improvement work.
 - All public work proposed on these plans shall conform to the current edition of the KC Metro APWA Standards for Public Works Construction, and the current standards and policies of the City of Parkville Department of Public Works, and the Parkville Municipal Code.
 - Development plans, public improvement plans, and drainage reports are initially approved for one (1) year after which they automatically become void and must be updated and re-submitted to the Director of Public Works for approval, before commencement of any construction. This one-year limitation may be exempted by the Director of Public Works for projects exceeding 100 acres in total area, for a longer period not to exceed two years.
 - The City of Parkville plan review is only for general conformance with APWA Standards, Parkville Department of Public Works standards and policies, and the Parkville Municipal Code. Neither the City nor the plan reviewer is responsible for the adequacy of the design or the accuracy of the construction documents, or dimensions or elevations.
 - All design changes contemplated to the approved drawings shall be brought to the attention of the Inspector or Director of Public Works. Approved changes shall be included in revised plans prepared by the engineer of record and approved by the City in writing before the commencement of changed work.
 - Developer and Contractor shall designate an onsite superintendent who shall be onsite during the work and who will have the authority to address deficiencies communicated by the City Representative.
 - Developer or Contractor shall employ or hire a license professional surveyor to stake all work, including grading limits and storm sewers.
 - Prior to the acceptance of public infrastructure by the City, Contractor and Developer shall furnish an executed Maintenance Bond.
 - The Contractor shall schedule the work and shall plan for testing and inspection activities required by the City. The Contractor shall be aware of weather and temperature limitations set forth in the City Standards.
 - The Stormwater Pollution Prevention Plan (SWPPP) shall be prepared by the design engineer and approved by the City. The Contractor shall review the SWPPP, become familiar with its requirements, and shall keep an up-to-date copy at the site.
 - Weekend and Holiday work will be allowed only with the prior authorization of the Inspector or Director of Public Works.
 - All public work not conforming to City standards, including adopted standards and policies of the Department of Public Works, will be subject to rejection by the City, and shall be replaced at Contractor's cost.

GENERAL NOTES:

- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.
- THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR, AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED.
- ALL EXISTING UTILITIES & FEATURES INDICATED ON THESE IMPROVEMENT PLANS ARE ACCORDING TO THE BEST INFORMATION AVAILABLE TO THE DESIGN ENGINEER; HOWEVER, ALL UTILITIES & FEATURES ACTUALLY EXISTING MAY NOT BE SHOWN. UTILITIES & EXISTING FEATURES (TO REMAIN) THAT ARE DAMAGED, THROUGH THE NEGLIGENCE OF THE CONTRACTOR TO OBTAIN THE UTILITY LOCATIONS, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION BY CONTACTING THE LOCAL UTILITY COMPANIES AND/OR UTILIZING THE LOCAL ONE-CALL SYSTEM.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING EROSION AND SEDIMENT CONTROL BMPs TO PREVENT SEDIMENT FROM REACHING STORM SEWER SYSTEMS, DRAINAGE COURSES AND ADJACENT PROPERTIES. IN THE EVENT THE PREVENTION MEASURES ARE NOT EFFECTIVE, THE CONTRACTOR SHALL REMOVE ANY DEBRIS, SILT, OR MUD AND RESTORE THE AFFECTED AREAS TO ORIGINAL OR BETTER CONDITION.
- THESE PLANS WERE PREPARED UTILIZING RECOMMENDATIONS PROVIDED IN THE "PAC REGIONAL DETENTION ANALYSIS" PREPARED BY WATER RESOURCES SOLUTIONS IN AUGUST, 2015 (OPTION 1) AND THE ORIGINAL PAC REGIONAL DETENTION PLANS PROVIDED BY THE CITY OF PARKVILLE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AN AS-BUILT SURVEY TO THE CITY OF PARKVILLE FOR THE STORM SEWER IMPROVEMENTS AND FINAL GRADES.

MUNICIPAL/UTILITY CONTACT LIST:

- COMMUNITY DEVELOPMENT**
 SEAN ACKERSON
 DIRECTOR
 8880 CLARK AVE.
 PARKVILLE, MO 64152
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 sackerson@parkvillemo.gov
- WATER**
 MISSOURI AMERICAN WATER
 101 EAST FIRST STREET
 PARKVILLE, MO 64152
 FIRE HYDRANT CONTACT:
 MIKE MC MILLION, PE
 mcmillion@amwater.com
 314-996-2335
- PUBLIC WORKS**
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- GAS COMPANY**
 MISSOURI GAS ENERGY
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- SANITARY SEWER**
 CITY OF PARKVILLE
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- ELECTRIC COMPANY**
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- LEVEL (3) COMMUNICATIONS**
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- CABLE**
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 OVERLAND PARK, KS 66213
 CONTACT: ROY BELLIS
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 CELL: 816-215-8934
 EMAIL: roy.bellis@twcable.com
- TELEPHONE**
 VERIZON BUSINESS
 2100A STARK AVE
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- FIBER OPTICS**
 UNITE PRIVATE NETWORKS
 2950 NW VIVION RD
 RIVERSIDE, MO 64150
 CONTACT: TRAVIS HOOVER
 TELE: 816-372-9004
 FAX: 816-746-8349
 CELL: 816-769-1601

PROJECT CONTACT LIST:

- SURVEYOR OF RECORD**
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 NKC, MO 64116
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 FAX: (816) 587-1393
 jroudebush@lutjen.com
- ENGINEER OF RECORD**
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 14005 W. 72ND TERRACE
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 dkholmanpe@everestkc.net

BENCHMARK:

✦ BENCHMARK NO. 1: CUT 'X' ON NW CORNER OF TRAFFIC SIGNAL CONCRETE BASE.
 ELEV=979.15
 VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

LEGEND:

DESCRIPTION	PROPOSED	EXISTING	DESCRIPTION	PROPOSED	EXISTING
STORM 12" & UP	ST	st	PUBLIC STREET LIGHT POLE	LP	LP
STORM <12"	CO	CO	OVERHEAD TELEPHONE	OHT	oht
STORM SEWER CLEANOUT	CO	CO	UNDERGROUND TELEPHONE	UGT	ugt
CURB INLET	CI	CI	TELEPHONE MANHOLE	TELE MH	TELE MH
JUNCTION BOX	JB	JB	FIBER OPTIC CABLE	UFOC	ufoc
GRATE INLET	GI	GI	SANITARY SEWER	SS	ss
WATER	WTR	wtr	SANITARY SEWER MANHOLE	SSMH	SSMH
WATER HYDRANT	FH	FH	SANITARY SEWER CLEANOUT	CO	CO
WATER METER	WTR	WTR	GAS	GAS	gas
WATER VALVE	WTR	WTR	BENCHMARK	✦	✦
OVERHEAD ELECTRICAL	OHE	ohe	FENCE		
UNDERGROUND ELECTRICAL	UGE	uge	PROPERTY LINE	---	---
POWER POLE	PP	PP	CONCRETE CURB AND GUTTER	====	====

APPROVED

Public Works Director _____ Date _____

APPROVED FOR ONE YEAR FROM THIS DATE

PAC Regional
 Detention Modification
 Parkville, Missouri

REV	DATE	DESCRIPTION

SHEET TITLE:
 COVER SHEET

SHEET NUMBER:
 1 OF 4

ORIGINAL ISSUE DATE: 11/10/2015

FILE LOCATION: C:\civil_30\Projects\Q1189\dwg\pac_civil.dwg TAB NAME: Cover USER: rwenner SAVED: 11/13/2015 10:22 AM PLOTTED: 11/13/2015 10:23 AM

