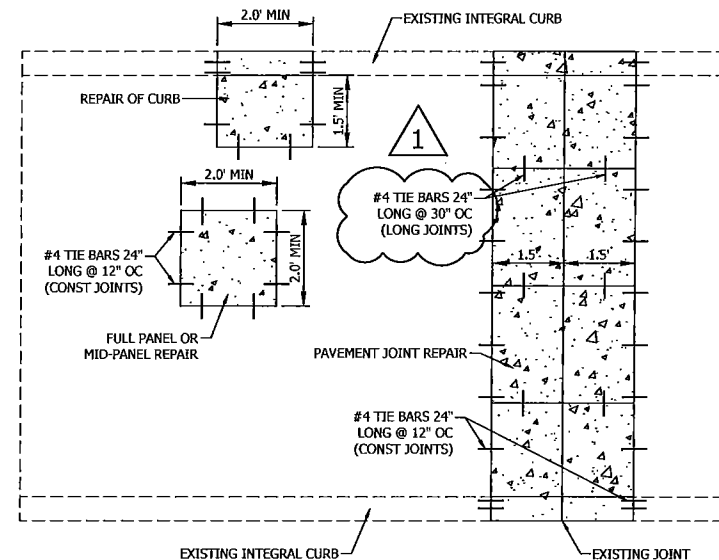
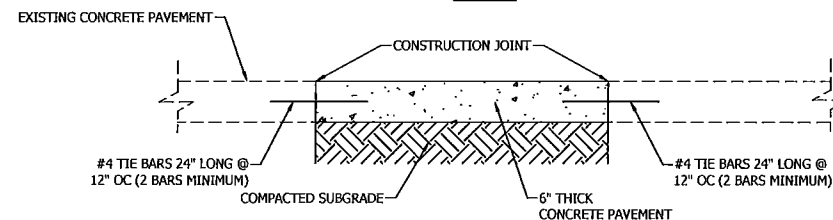


GENERAL NOTES:

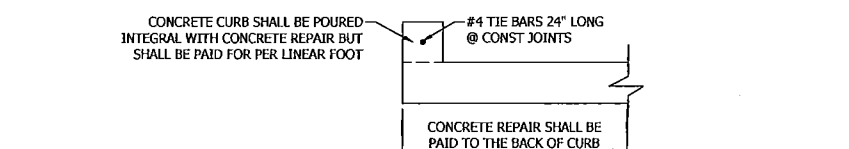
- FOR DETAILS, INCLUDING BUT NOT LIMITED TO, CURB, DRIVEWAYS, INLETS, END SECTIONS, TRENCHING, SANITARY SEWERS, MANHOLES AND CLEAN OUTS, REFER TO CITY OF JEFFERSON STANDARD DETAILS.
- VERIFYING THE LOCATIONS OF THE UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY DAMAGE TO EXISTING OR PROPOSED FACILITIES, STRUCTURES OR UTILITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. NOTIFY MISSOURI ONE CALL FOR LOCATION OF THE UTILITIES AT LEAST 5 DAYS PRIOR TO CONSTRUCTION. UTILITY COORDINATION SHALL NOT BE A REASON FOR DELAY OR ADDITIONAL COST FOR THE PROJECT.
- THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL DAMAGE TO PROPERTY OUTSIDE LIMITS OF CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
- REPORT ANY DISCREPANCIES FOUND WITH REGARD TO EXISTING CONDITIONS OR PROPOSED DESIGN IMMEDIATELY TO THE ENGINEER.
- DO NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHERE DISCREPANCIES EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REVISIONS TO THE WORK WHEN NO NOTICE WAS GIVEN TO THE ENGINEER.
- THE GENERAL CONTRACTOR SHALL COORDINATE OTHER SITE RELATED OPERATIONS PERFORMED BY OTHER CONTRACTORS OR UTILITY COMPANIES TO ACCOMPLISH THE WORK.
- ALL WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
- LEAVE AREAS OF DEMOLITION IN A NEAT AND SAFE CONDITION AT THE END OF EACH WORK DAY. CONTRACTOR SHALL BARRICADE AREAS OF DEMOLITION AS NECESSARY TO PROTECT THE GENERAL PUBLIC. MAINTAIN SAFE PUBLIC ACCESS TO RESIDENCES.
- LEGALLY DISPOSE OF ALL DEMOLITION ITEMS OFF SITE UNLESS NOTED TO RETURN ITEMS TO THE CITY.
- ALL REMOVALS ADJACENT TO EXISTING PAVEMENT TO REMAIN SHALL BE ISOLATED BY SAWCUTS. SAWCUTS SHALL BE A MINIMUM OF THE PAVEMENT THICKNESS.
- ALL UTILITIES NOT MARKED FOR REMOVAL SHALL REMAIN IN PLACE.
- ALL EXISTING SIGNS AND POSTS SHALL BE RE-INSTALLED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL ACHIEVE A STABILIZED SUBGRADE PRIOR TO CONSTRUCTION OF THE ROADWAY. PAYMENT FOR THIS WORK SHALL BE CONSIDERED COMPLETELY COVERED BY THE PAY ITEMS "EARTHWORK". THE CONDITION OF THE EXISTING MATERIAL AND METHOD OF ACHIEVING A STABLE BASE WILL NOT BE GROUNDS FOR ADDITIONAL PAYMENT.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION.
- ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COVERED OR REMOVED, NO DIRECT PAY.
- CONTRACTOR SHALL STORE AND PROTECT ANY SIGNS THAT MUST BE REMOVED, ANY DAMAGED SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE PROJECT.
- LOCATION OF TRAFFIC CONTROL DEVICES ARE SUBJECT TO CHANGE AS APPROVED BY ENGINEER.
- PLACEMENT AND USE OF TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE MUTCD.
- CONTRACTOR SHOULD REMAIN BEYOND ROAD SHOULDER OR CURB LINE TO NOT INTERRUPT TRAFFIC WHENEVER POSSIBLE.
- LOCAL ACCESS FOR PROPERTY OWNERS SHALL BE MAINTAINED AT ALL TIMES. THIS CAN BE ACCOMPLISHED THROUGH THE USE OF TEMPORARY PAVEMENT, GRAVEL SURFACE OR ANY OTHER MEANS APPROVED BY THE ENGINEER.



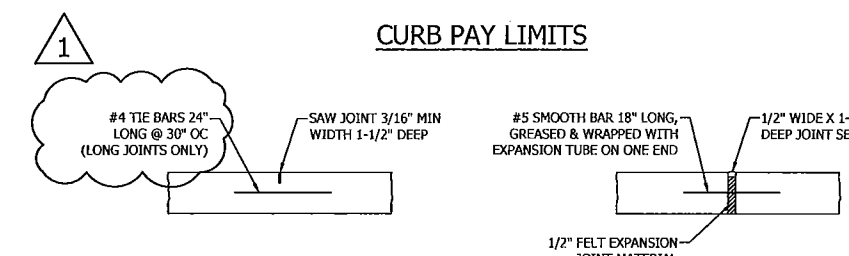
PLAN



PAVEMENT REPAIR SECTION



CURB PAY LIMITS



CONTROL JOINT

EXPANSION JOINT

NOTES:

- JOINTS SHALL BE LOCATED PER CITY OF JEFFERSON STANDARD DRAWING 20.03
 - TRANSVERSE CONTROL JOINTS SHALL BE SAWed, NO DOWEL BARS REQUIRED
 - LONGITUDINAL CONTROL JOINTS SHALL BE SAWed AND REINFORCED WITH 24" LONG #4 DOWEL BARS @ 30" OC
 - ALL CONSTRUCTION JOINTS SHALL BE TIED WITH 24" LONG #4 BARS @ 12" OC
 - ALL NEW JOINTS SHALL MATCH EXISTING JOINT SPACING
 - ALL JOINTS SHALL BE SEALED

PAVEMENT REPAIR DETAILS

Item No.	Description	Total Quantity	Unit
Base Bid			
201-99.01	Clearing and Grubbing	1	LS
202-20.10	Removal of Improvements	1	LS
203-99.01	Earthwork	1	LS
206-31.00	Class 3 Excavation in Rock	107	CY
206-99.03	Waterline Excavation	1,290	LF
207-99.09	Linear Grading for Stream	1.8	STA
210-99.05	Geotextile Fabric for Stabilized Subgrade	3,658	SY
210-99.07	Stabilized Subgrade	1,779	CY
304-99.05	3" Aggregate Stone Base	16,765	SY
401-99.04	Variable Depth Asphalt Mill	466	SY
401-99.05	1.5" Asphalt Mill	906	SY
401-99.06	Bituminous Pavement - 3.5" Base	14,406	SY
401-99.07	Bituminous Pavement - 1.5" Surface	16,537	SY
401-99.08	Concrete Pavement (6")	2,830	SY
401-99.09	Bituminous Pavement - Variable Depth Surface	431	Tons
413-60.00	PCCP Joint/Crack Seal	7,202	LF
603-99.22	Thrust Block	3	EA
603-99.23	8" SDR 35 PVC Pipe	184	LF
603-99.24	8" Ductile Iron Force Main	195	LF
603-99.28	4" Dia. Manhole	3	EA
605-99.03	Underdrain	1,229	LF
605-99.23	Yard Drain	35	LF
607-10.11A	Chain-Link Fence (48 in.)	78	LF
608-60.04	Concrete Sidewalk, 4 in.	23	SY
608-99.05	6" PCC Residential Concrete Drive	1,830	SY
608-99.15	6" PCC Residential Concrete Drive Approach	655	SY
609-99.03	Type A Curb and Gutter	8,460	LF
609-99.23	Integral Curb	1,273	LF
611-30.99	Type 2 Rock Blanket (24" thick)	184	CY
616-99.01	Construction Signage/Traffic Control	1	LS
618-10.00	Mobilization	1	LS
703-20.09	Class B Concrete (Retaining Walls)	7	CY
703-40.41	Class B-1 Concrete (Culverts)	248.8	CY
706-10.30	Reinforcing Steel (Culverts)	56,160	LB
706-10.40	Reinforcing Steel (Retaining Wall)	1,400	LB
726-13.15	15" Class III Reinforced Concrete Pipe Culvert	1,642	LF
726-13.18	18" Class III Reinforced Concrete Pipe Culvert	21	LF
726-13.30	30" Class III Reinforced Concrete Pipe Culvert	184	LF
731-00.48	Precast Concrete Manhole - 48 in.	1	EA
731-00.72	Precast Concrete Manhole - 72 in.	1	EA
731-99.01	Type A Concrete Curb Inlet 4' x 3'	4	EA
731-99.02	Type A Concrete Curb Inlet 4' x 4'	1	EA
731-99.06	Type C Concrete Curb Inlet 4' x 4'	12	EA
731-99.07	Type C Concrete Curb Inlet 6' x 4'	2	EA
731-99.08	Type C Concrete Curb Inlet 6' x 5'	1	EA
731-99.09	Area Inlet 3' x 3'	1	EA
732-99.01	15" RCP End Section	1	EA
805-99.01	Seeding, Fertilizing and Mulch	1.1	AC
806-10.17	Temporary Seeding and Mulching	1.1	AC
806-10.19	Silt Fence	791	LF
806-10.25	Inlet Check	28	EA
806-99.05	Turf Reinforcement Mat	14	SY
Add Alternate A			
622-30.10	Diamond Grinding (Concrete Pavement)	2,042	SY
Add Alternate B			
413-60.00	PCCP Joint/Crack Seal	2,950	LF
Total Add Alternate B			

QUANTITY NOTES:

- QUANTITIES FOR DRIVEWAY APPROACH AND DRIVEWAYS INCLUDE ALL DRIVES IN THE SUBDIVISION ADJACENT TO STREET PAVEMENT REPLACEMENT WHETHER SHOWN FOR REPLACEMENT OR NOT.

Bartlett & West
 1719 SOUTHBRIDGE DR., SUITE 100 - JEFFERSON CITY, MO 65108-4000
 PHONE 572.634.3181 - FAX 572.634.7904
 MISSOURI CERTIFICATE OF AUTHORITY NO. 0001266001000
 WWW.BARTLETTWEST.COM

**GENERAL NOTES,
 DETAILS AND QUANTITIES**
 MEADOWBROOK ESTATES STORMWATER IMPROVEMENTS PROJECT
 PROJECT NO. 2016-201-0
 COLE COUNTY, MISSOURI

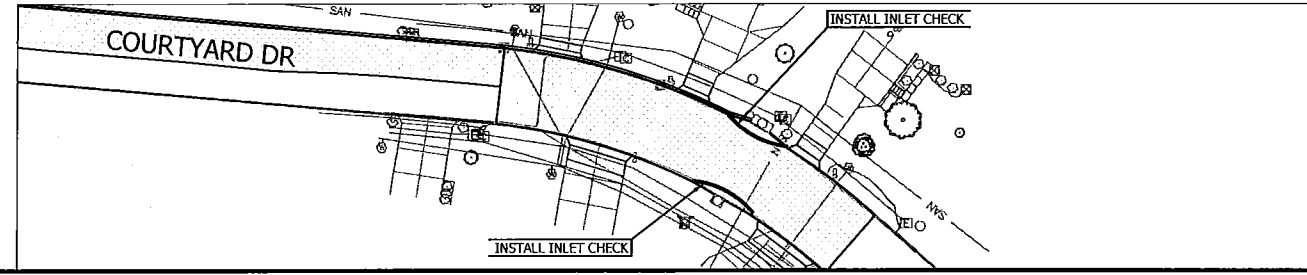
STATE OF MISSOURI
 JASON K. JOHNSON
 LICENSE NUMBER
 PE-2019020203
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
 REVISION SEALED AND DATED
 ELECTRONICALLY.

SEALED DATE:	02-26-2018
DESIGNED BY:	AKJ
DRAWN BY:	MKA
APPROVED BY:	TCK
DESIGN PROJ.:	15937.600
DATE:	FEBRUARY 2018
DRAWING NO.:	
SHEET NO.:	3 of 44

ALL RIGHTS RESERVED. ALL BARTLETT & WEST PLANS, SPECIFICATIONS AND DRAWINGS ARE PROTECTED UNDER COPYRIGHT LAWS. ANY REUSE WITHOUT WRITTEN PERMISSION OF BARTLETT & WEST IS PROHIBITED.

Drawing Name: C:\pwworkspace\184901272\184901272-15937-600-C-DETAILS.dwg Layout Name: GENERAL NOTES - DETAILS AND QUANTITIES Plotted by: AKJ1272 Plotted on: 2/26/2018 2:50:11 PM

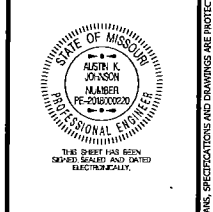


Date: 2/17/2018 8:35 AM by: AKD1272
 Drawing Name: c:\pwworkspace\184801272\184801272.dwg
 Layout Name: EROSION CONTROL.dwg
 Plot Name: AKD1272 Erosion Control.dwg
 Plot Date: 2/22/2018 11:08:43 AM

#	DATE	DESCRIPTION

Bartlett & West
 1719 SOUTHBRIDGE DR., SUITE 100 - JEFFERSON CITY, MO 65105-4000
 PHONE 573.634.3181 - FAX 573.634.7904
 MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
 www.bartlettwest.com

EROSION CONTROL PLAN EAST
 MEADOWBROOK ESTATES STORMWATER IMPROVEMENTS PROJECT
 PROJECT NO. 2016-201-0
 COLE COUNTY, MISSOURI



SEAL DATE: 02-02-2018
 DESIGNED BY: MKA
 DRAWN BY: MKA
 APPROVED BY: TCK
 DESIGN PROJ: 15937.600
 DATE: FEBRUARY 2018
 DRAWING NO:
 SHEET NO: 38 of 44

ALL RIGHTS RESERVED. ALL BARTLETT & WEST PLANS, SPECIFICATIONS AND DRAWINGS ARE PROTECTED UNDER COPYRIGHT LAW, AND NO PART MAY BE COPIED, REPRODUCED, DISPLAYED PUBLICLY, USED TO CREATE DERIVATIVES, DISTRIBUTED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM BY ANY MEANS WITHOUT PRIOR WRITTEN PERMISSION OF BARTLETT & WEST.