



US Army Corps  
of Engineers®  
Little Rock District

# JOINT PUBLIC NOTICE

CORPS OF ENGINEERS – STATE OF ARKANSAS

Application Number: SWL-2017-00159

Date: September 13, 2017

Comments Due: October 9, 2017

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TO WHOM IT MAY CONCERN: **Comments are invited on the work described below. Please see the Public Involvement section for details on submitting comments.**

Point of Contact. If additional information is desired, please contact the regulator, Jim Ellis, telephone number: (501) 324-5295, mailing address: Little Rock District Corps of Engineers, Regulatory Division, PO Box 867, Little Rock, Arkansas 72203-0867, email address: [Jim.D.Ellis@usace.army.mil](mailto:Jim.D.Ellis@usace.army.mil)

Project Information. Pursuant to Section 404 of the Clean Water Act (33 U.S. Code 1344), notice is hereby given that

**Mr. David Hopkins  
City of Little Rock  
Public Works Department  
701 West Markham Street  
Little Rock, Arkansas 72201**

has requested authorization for work, including the placement of dredged and fill material, in waters of the United States associated with improvements to address erosional problems and the drainage capacity of Briarwood Creek and Choctaw Circle, a cul-de-sac street, within the Briarwood neighborhood of Little Rock. The City of Little Rock held its own public meeting on August 10, 2017. No negative comments have been submitted to the city as of the date of this public notice. The proposed project is located in Briarwood Creek, in the NW 1/4 of section 1, T. 1 N., R. 13 W., Little Rock, Pulaski County, Arkansas.

The basic purpose of the project is improvements to city stormwater drainage. The overall purpose of the project is to address flooding and drainage problems for the residents of Choctaw Circle, and the immediate area in Little Rock, Arkansas.

To accomplish the project, the discharge of approximately 1,180 cubic yards of compacted embankment (fill) and 482 cubic yards of concrete will be used to concrete line 594 linear feet of Briarwood Creek, extending the existing concrete-lined channel upstream to Sun Valley Road. Also, two additional culverts will be constructed to enclose approximately 85 linear feet of an unnamed tributary to Briarwood Creek, and additional stormwater concrete pipe will be installed on Choctaw Circle.

The existing condition of Briarwood Creek is a channelized 20-foot-wide by 5-foot-deep intermittent stream that flows into an existing 15.75-foot-wide by 5-foot-deep concrete lined channel. Riprap and rock walls exist in various locations throughout the existing channel for bank stabilization purposes.

The project requires unavoidable impacts to a total of approximately 679 linear feet of streams. To compensate for these unavoidable impacts, the City of Little Rock plans to purchase stream credits from the Fourche Bayou Mitigation Bank or another bank that services the project area.

The location and general plan for the proposed work are shown on the enclosed sheets.

Water Quality Certification. By copy of this public notice, the applicant is requesting water quality certification from the Arkansas Department of Environmental Quality (ADEQ) in accordance with Section 401(a)(1) of the Clean Water Act. Upon completion of the comment period and a public hearing, if held, a determination relative to water quality certification will be made. Evidence of this water quality certification or waiver of the right to certify must be submitted prior to the issuance of a Corps of Engineers permit.

Cultural Resources. A Corps staff archeologist will review topographic maps, the National Register of Historic Places, and other data on reported sites in the area. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area.

Endangered Species. Our preliminary determination is that the proposed activity will not affect listed Endangered Species or their critical habitat. A copy of this notice is being furnished to the U.S. Fish and Wildlife Service and appropriate state agencies and constitutes a request to those agencies for information on whether any listed or proposed-to-be-listed endangered or threatened species may be present in the area which would be affected by the proposed activity.

Floodplain. We are providing copies of this notice to appropriate floodplain officials in accordance with 44 Code of Federal Regulations (CFR) Part 60 (Floodplain Management Regulations Criteria for Land Management and Use) and Executive Order 11988 on Floodplain Management.

Section 404(b)(1) Guidelines. The evaluation of activities to be authorized under this permit, which involves the discharge of dredged or fill material will include application of guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act. These guidelines are contained in 40 Code of Federal CFR 230.

The Guidelines define water dependency in terms of an activity requiring access or proximity to or siting within a special aquatic site to fulfill its basic project purpose. Special aquatic sites (as defined in 40 CFR 230.40-230.45) are: (1) sanctuaries and refuges; (2) wetlands; (3) mud flats; (4) vegetated shallows; (5) coral reefs; and (6) riffle and pool complexes. Pursuant to these guidelines, the project is not water dependent.

Public Involvement. Any interested party is invited to submit to the above-listed POC written comments or objections relative to the proposed work on or before **October 9, 2017**. Substantive comments, both favorable and unfavorable, will be accepted and made a part of the record and will receive full consideration in determining whether this work would be in the public interest. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest.

That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request in writing within the comment period specified in this notice that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. The District Engineer will determine if the issues raised are substantial and whether a hearing is needed for making a decision.

**NOTE:** The mailing list for this Public Notice is arranged by state and county(s) where the project is located, and includes any addressees who have asked to receive copies of all public notices. Please discard notices that are not of interest to you. If you have no need for any of these notices, please advise us so that your name can be removed from the mailing list.

Enclosures

Approximate Coordinates of Project Center

Latitude: **34.74806**

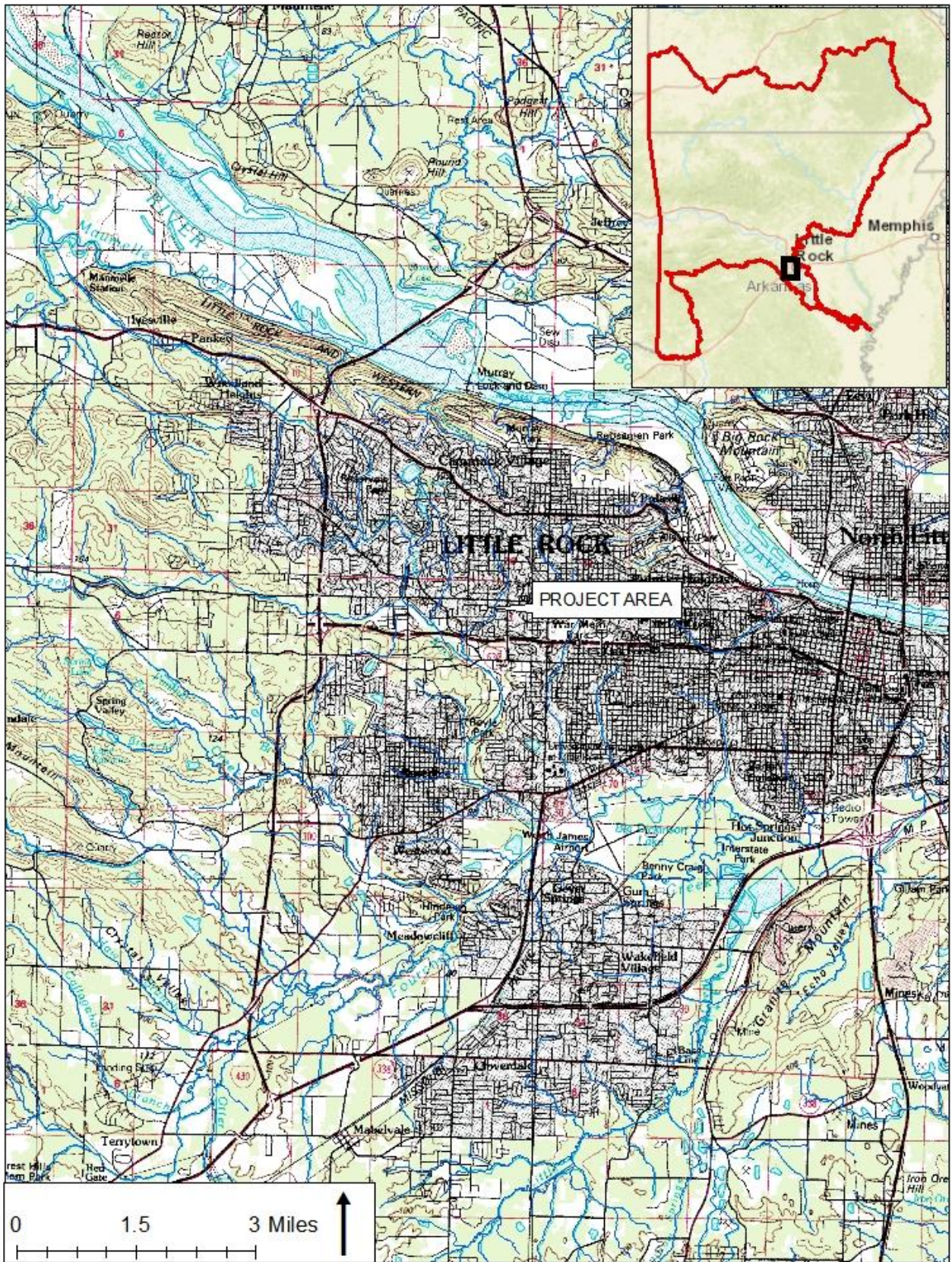
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UTM Zone: **15N**

North: **3845292.96**

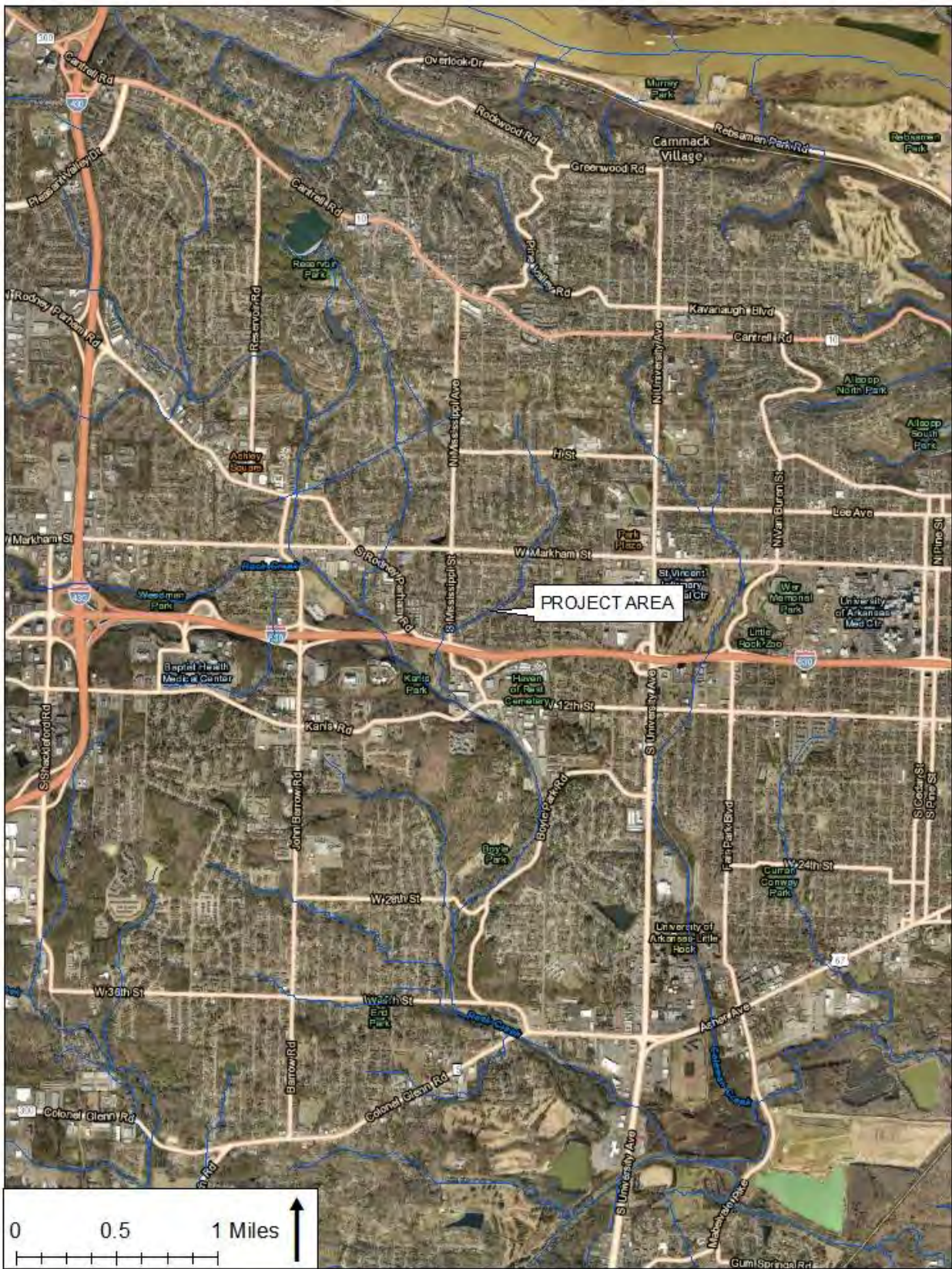
East: **558896.62**





ACTION NO.: 2017-00159  
 City of Little Rock  
 STORMWATER CONSTRUCTION  
 Briarwood Creek and unnamed tributaries  
 Section 1, T. 1 N., R. 13 W.  
 September 2017





**ACTION NO.: 2017-00159**  
 City of Little Rock  
**STORMWATER CONSTRUCTION**  
 Briarwood Creek and unnamed tributaries  
 Section 1, T. 1 N., R. 13 W.  
 September 2017 Sheet 2 of 9



# BRIARWOOD DITCH & CHOCTAW CIRCLE DRAINAGE

CITY OF LITTLE ROCK JOB NO. 3-42

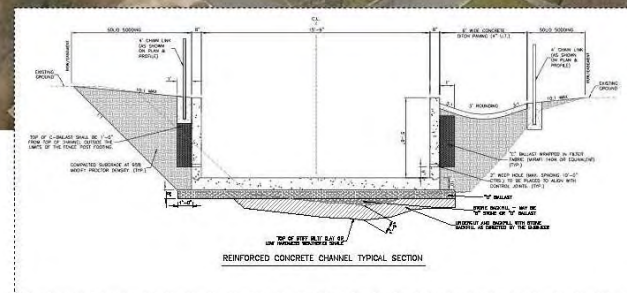
Scale: 1"=20'

Additional Stormwater Pipe for Choctaw Circle

85-foot Addition of 2 Culverts

594-Foot Concrete Lined Channel

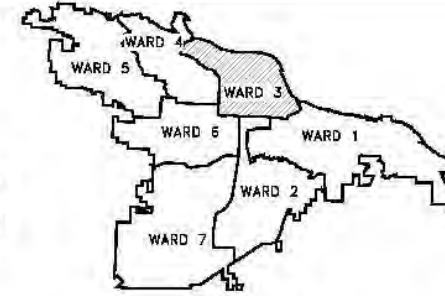
85 ft



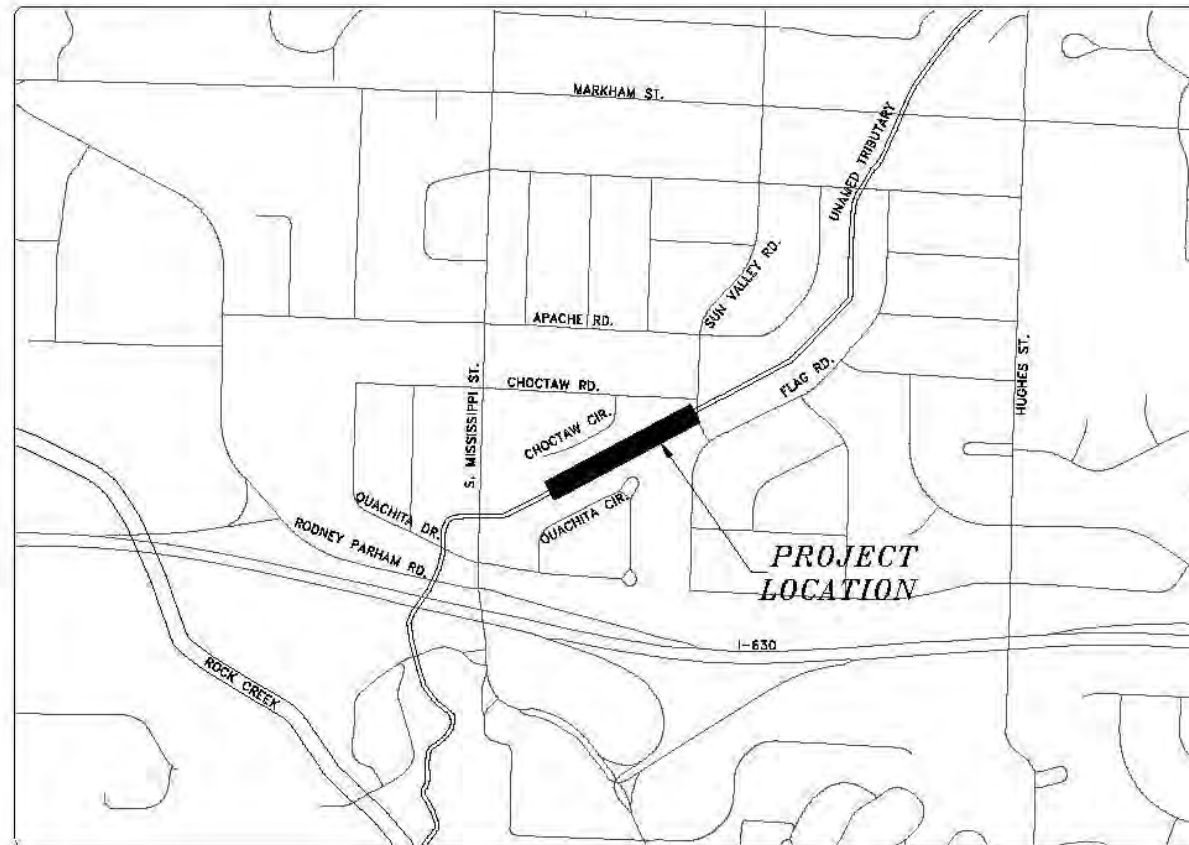
**ACTION NO.: 2017-00159**  
 City of Little Rock  
**STORMWATER CONSTRUCTION**  
 Briarwood Creek and unnamed tributaries  
 Section J, T, I N., R. 13 W.  
 September 2017



# BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE 3-42



PROJECT LOCATION - WARD 3

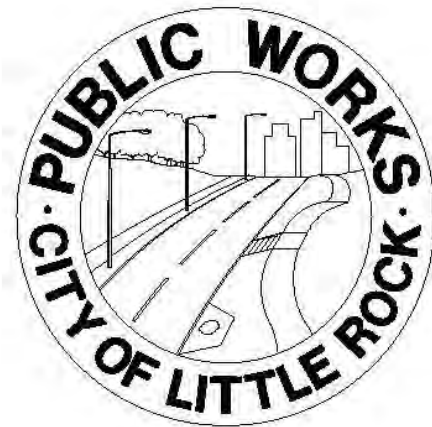


SHEET NO.	TITLE
C1	COVER SHEET
C2	QUANTITY & DETAILS
C3	TYPICAL SECTION & SPECIAL DETAILS
C4	SPECIAL DETAILS
C5	P & U TRS. AVUL. SHRF - BRIARWOOD DTC
C6	P & U TRS. AVUL. SHRF - CHOCTAW CIRCLE
C7	BRIARWOOD DTC
C8	BRIARWOOD DTC - 2
C9	EROSION CONTROL - BRIARWOOD DTC
C10	EROSION CONTROL - CHOCTAW CIRCLE
C11	EROSION CONTROL - CHOCTAW CIRCLE
C12-C15	CROSS SECTIONS

90% SUBMITTAL



4701 Northshore Drive  
North Little Rock, AR 72118  
501-376-3633



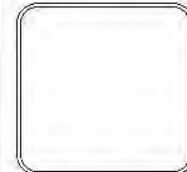


DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 WEST MARKHAM STREET  
LITTLE ROCK, ARKANSAS 72201

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE  
COVER SHEET

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201

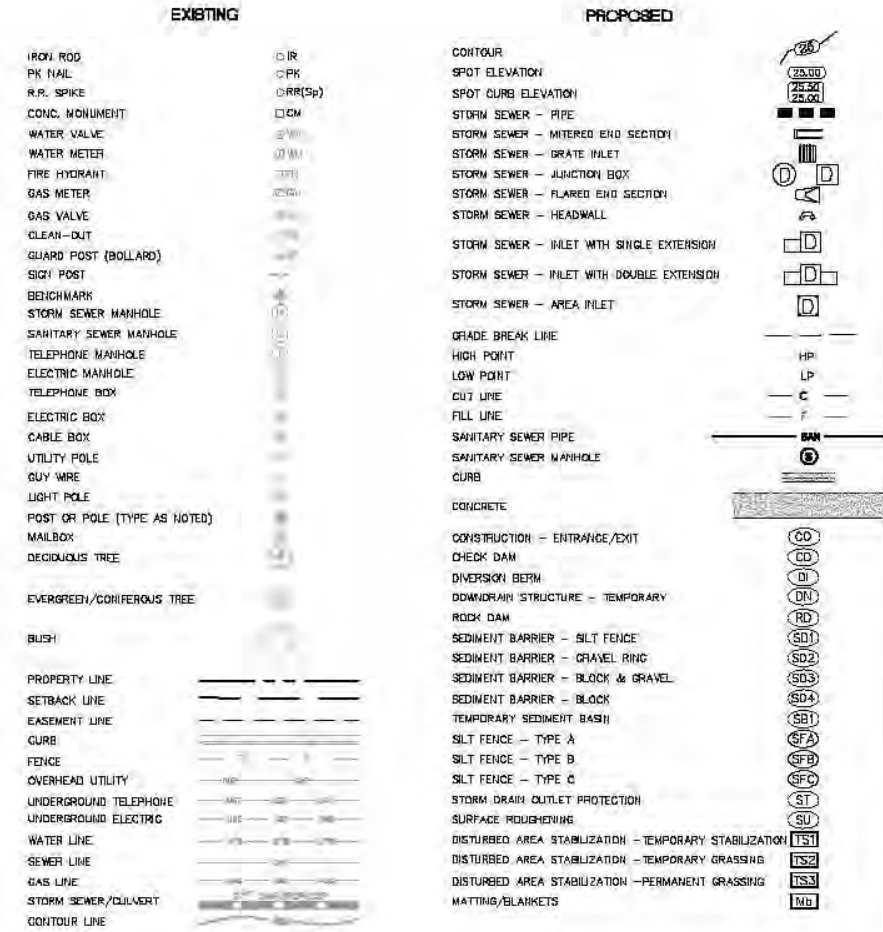
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SCALE	N.T.S.
PROJECT NO.	3-42
SHEET NO.	C1

ACTION NO.: 2017-00159  
City of Little Rock  
STORMWATER CONSTRUCTION  
Briarwood Creek and unnamed tributaries  
Section 1, T. 1 N., R. 13 W.  
September 2017

CLR PROJECT# 3-42			
BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE			
August 1, 2017			
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	549
3.08	BORROW MATERIAL	CY	1,123
3.40	TOPSOIL	CY	283
10.01	JUNCTION BOX	EA	1
10.03	JUNCTION BOX 12'x4'	EA	1
10.04	CURB INLET - 4' BOX	EA	1
10.05	CURB INLET - 5' BOX	EA	1
10.07	WING 3' EXTENSION	EA	2
10.10	WING 6' EXTENSION	EA	2
11.10	REINFORCED CONCRETE	CY	479
11.11	CONCRETE PIPE COLLAR	EA	1
11.12	CONCRETE DITCH PAVING	SY	377
13.18C	STORM DRAIN PIPE, 18" RCP	LF	79
13.30P	STORM DRAIN PIPE, 30" HDPE	LF	129
13.48P	STORM DRAIN PIPE, 48" HDPE	LF	171
13.48C	STORM DRAIN PIPE, 48" RCP	LF	66
14.01	SOLID SODDING, BERMUDA	SY	2,550
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.01	PAVEMENT REPAIRS	SY	29
18.55	WATER FOR DUST CONTROL	GAL	10,000
19.01	FINAL CLEANUP	LS	1
23.02	C-BALLAST	TON	910
23.04	STONE BACKFILL	TON	631
24.05	ROCK DAM (RD)	CY	60
24.06	SEDIMENT BARRIER, SILT FENCE (SD1)	EA	4
24.09	SEDIMENT BARRIER, BLOCK (SD4)	EA	4
24.12	SILT FENCE - TYPE B (SFB)	LF	425
25.04	FENCE CHAIN LINK (4')	LF	1,317
25.06	FENCE CHAIN LINK (6')	LF	53
25.16	FENCE WOOD (6')	LF	913
26.10	TRENCH & EXCAVATION SAFETY	LS	1
29.10	PROJECT INFORMATION KIOSK (PW-18)	LS	1
605.48C	FLARED END SECTION 48" RCP	EA	1
810.01	MANHOLE RINGS AND COVERS ADJUSTED TO GRADE	EA	1

GENERAL NOTES:

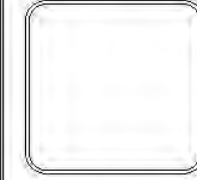
1. ALL EXISTING STRUCTURES OR UTILITIES WITHIN THE LIMITS OF EXISTING OR PROPOSED EASEMENTS SHALL REMAIN UNDISTURBED UNLESS OTHERWISE NOTED ON THE PLANS.
2. WHERE EXCAVATION ENDANGERS THE STABILITY OF A BUILDING, WALL, STREET, UTILITIES OR OTHER INSTALLATION, THE CONTRACTOR SHALL PROVIDE SUPPORT SYSTEMS SUCH AS SHORING, BRACING, OR UNDERPINNING TO ENSURE STABILITY OF SUCH STRUCTURE OR UTILITY. PRIOR TO CONSTRUCTION OF THE SHORING SYSTEM, THE CONTRACTOR SHALL SUBMIT THE DESIGN AND DETAILS OF THE THE SYSTEM TO THE ENGINEER FOR INFORMATIONAL AND RECORD PURPOSES. THE DESIGN AND DETAILS SHALL BE PREPARED AND/OR APPROVED BY A PROFESSIONAL ENGINEER REGISTERED IN ARKANSAS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY OF THE TEMPORARY SHORING DURING THE ENTIRE PERIOD OF CONSTRUCTION.



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE  
QUANTITIES & DETAILS

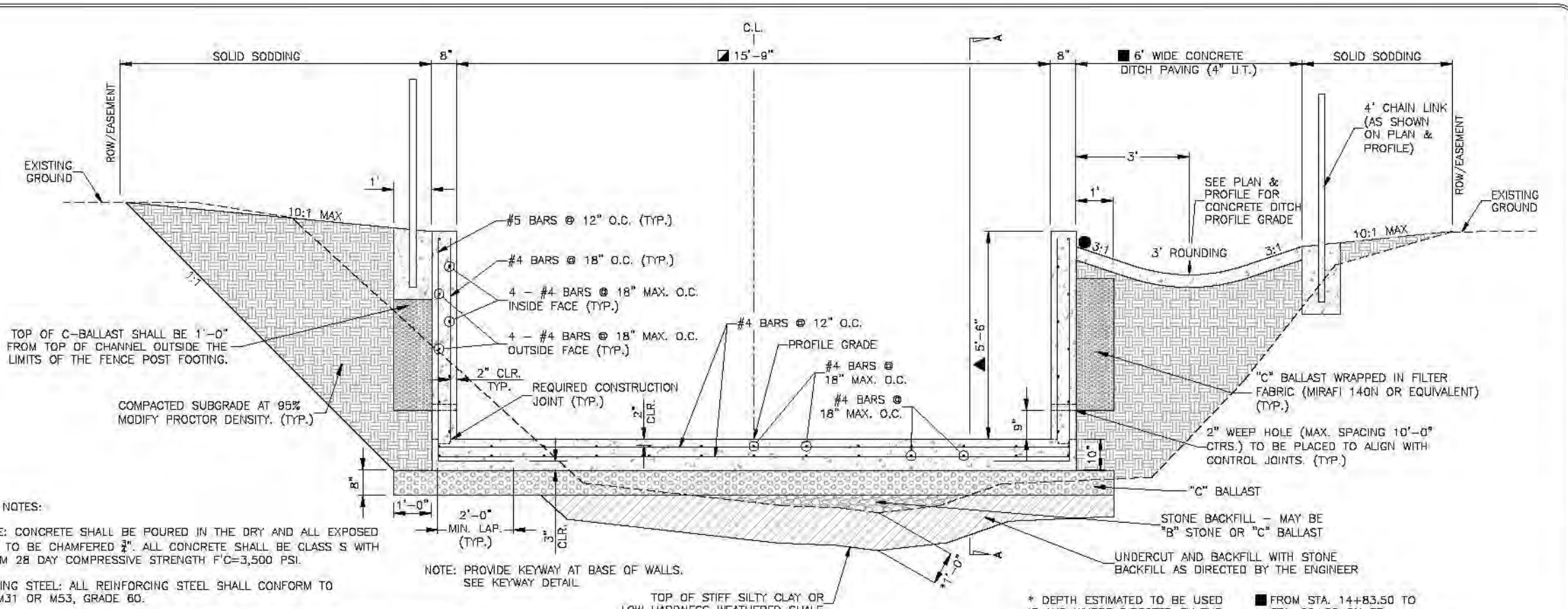
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



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**N.T.S.**  
 PROJECT NO.  
**3-42**  
 SHEET NO.  
**C2**

ACTION NO.: 2017-00159  
 City of Little Rock  
 STORMWATER CONSTRUCTION  
 Briarwood Creek and unnamed tributaries  
 Section 1, T. 1 N., R. 13 W.  
 September 2017  
 Sheet 5 of 9

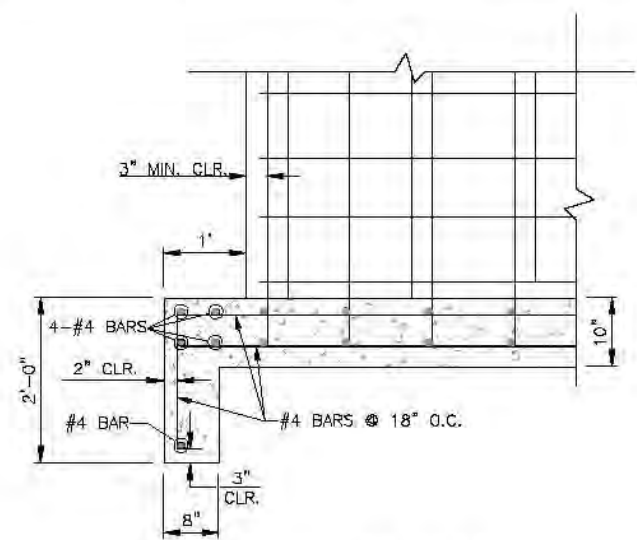




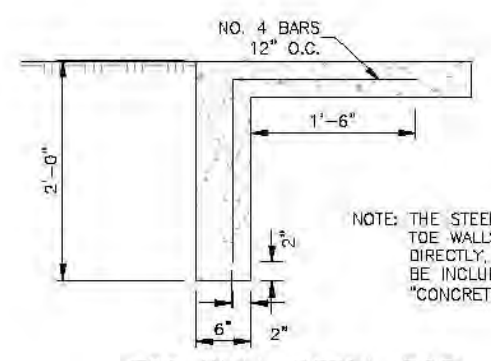
**GENERAL NOTES:**

- CONCRETE: CONCRETE SHALL BE POURED IN THE DRY AND ALL EXPOSED CORNERS TO BE CHAMFERED 1/4". ALL CONCRETE SHALL BE CLASS S WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH F'C=3,500 PSI.
- REINFORCING STEEL: ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M53, GRADE 60.
- LONGITUDINAL BARS ON THE INSIDE AND OUTSIDE FACE OF THE CONCRETE CHANNEL WALL SHALL BE STAGGERED.
- LAP LENGTH FOR #4 BARS SHALL BE 1'-9" MINIMUM.
- THE FULL WIDTH OF EACH SECTION OF CONCRETE DITCH PAVING SHALL BE POURED MONOLITHICALLY.
- TOE WALLS TO BE CONSTRUCTED FULL WIDTH AT EACH END OF DITCH PAVING, AND POURED MONOLITHICALLY.
- TOE WALL TO BE CONSTRUCTED FULL WIDTH AT THE INLET END OF THE CONCRETE CHANNEL AND TO BE POURED MONOLITHICALLY.
- 1" WIDE TRANSVERSE EXPANSION JOINTS SHALL BE PLACED IN CONCRETE DITCH PAVING AT 45' INTERVALS. THE SPACE SHALL BE FILLED WITH APPROVED JOINT FILLER COMPLYING WITH AASHTO M213.
- ALL EXCAVATION REQUIRED FOR STRIPPING/MUCKING SHALL BE PAID FOR PER THE UNIT PRICE BID FOR "UNCLASSIFIED EXCAVATION". ALL BACKFILL FOR STRIPPING/MUCKING SHALL BE PAID FOR PER THE UNIT PRICE BID FOR "STONE BACKFILL". STONE BACKFILL MAY BE "B" STONE OR "C" BALLAST.
- ALL ROCK EXCAVATION WILL BE PAID FOR PER THE UNIT PRICE BID FOR "UNCLASSIFIED EXCAVATION".

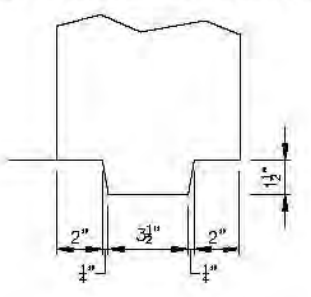
**REINFORCED CONCRETE CHANNEL TYPICAL SECTION**



TOE WALL AT INLET OF CONCRETE CHANNEL SECTION A-A



TOE WALL DETAIL FOR CONCRETE DITCH PAVING



KEYWAY DETAIL

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE**  
 TYPICAL SECTION & SPECIAL DETAILS

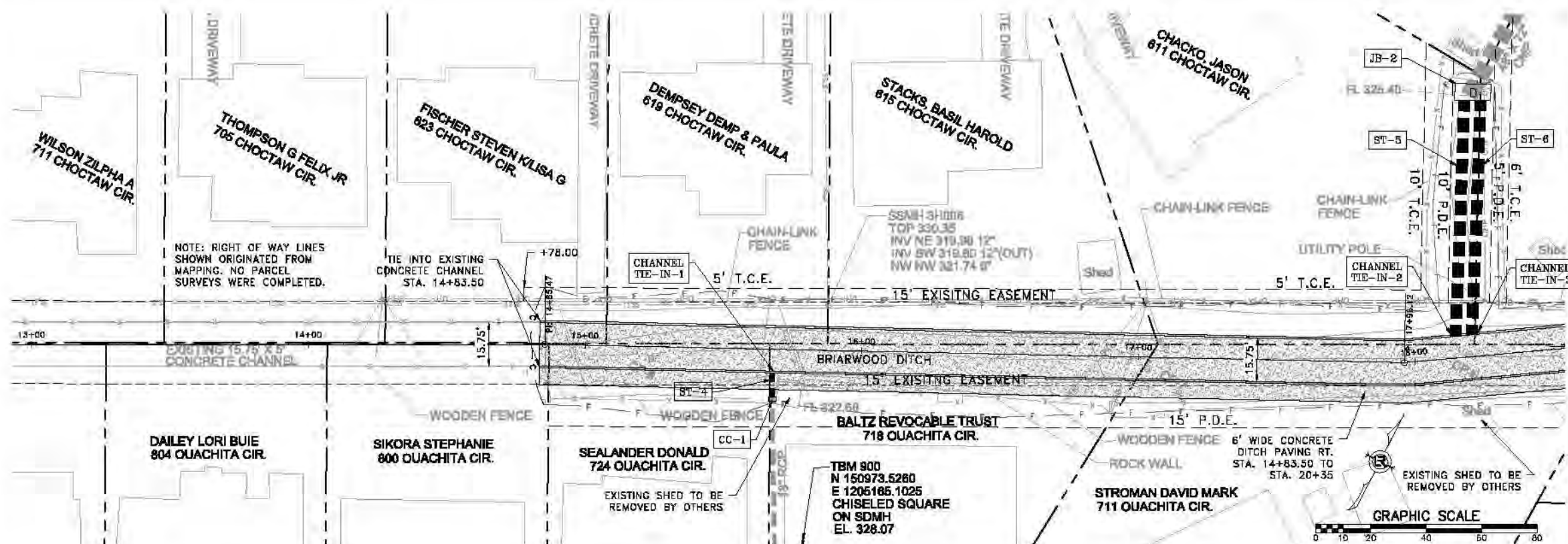
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



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<b>DATE</b> 08-01-2017
<b>SCALE</b> N.T.S.
<b>PROJECT NO.</b> 3-42
<b>SHEET NO.</b> C3

**ACTION NO.: 2017-00159**  
 City of Little Rock  
**STORMWATER CONSTRUCTION**  
 Briarwood Creek and unnamed tributaries  
 Section 1, T. 1 N., R. 13 W.  
 September 2017

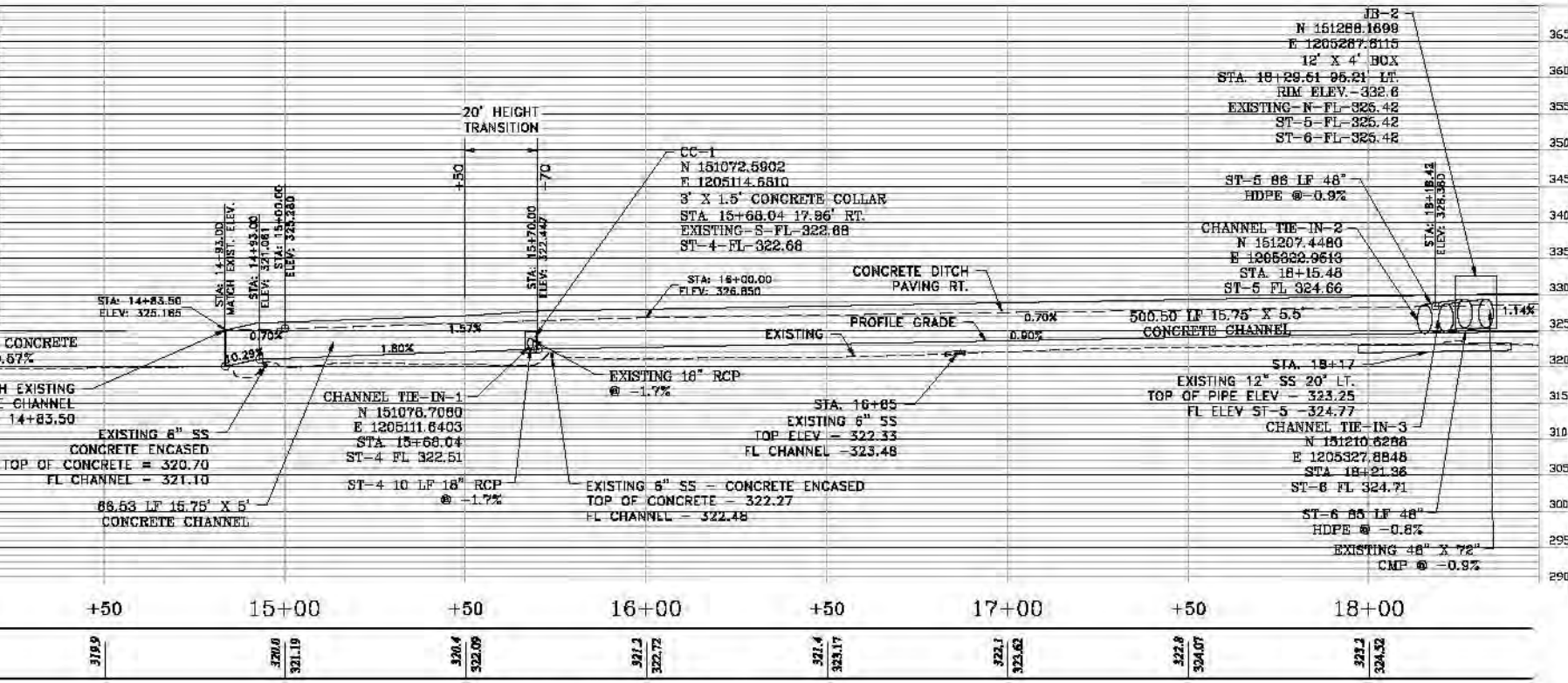




FENCES AND WALLS					
STA.	STA.	SIDE	FENCE TYPE	REMOVE (FT)	CONSTRUCT (FT)
14+84	20+85	LT.	4' CHAIN LINK	-	381'
14+84	20+50	RT.	4' CHAIN LINK	-	566'
14+84	15+67	RT.	4' CHAIN LINK	14'	8'
14+84	15+67	RT.	6' WOOD	51'	85'
14+84	15+08	LT.	6' WOOD	29'	24'
15+08	15+88	LT.	4' CHAIN LINK	60'	21'
15+88	17+06	LT.	6' WOOD	114'	133'
15+67	16+95	RT.	6' WOOD	141'	137'
15+67	16+95	RT.	BRICK WALL	68'	-
16+95	18+66	RT.	6' WOOD	21'	173'
16+95	18+66	RT.	BRICK WALL	120'	-
17+06	18+33	LT.	4' CHAIN LINK	208'	-
18+33	18+86	LT.	4' CHAIN LINK	142'	102'

\*CONSTRUCT ADJACENT TO CHANNEL WALL ON LT. AND ADJACENT TO CONCRETE DITCH PAVING ON RT.  
 \*\*CONSTRUCT ALONG PROPERTY LINE TO MATCH EXISTING FENCE  
 NOTE: 6' WOOD FENCE SHOWN IN THE ABOVE TABLE SHALL BE CONSTRUCTED ADJACENT TO NEW 4' CHAIN LINK FENCE.

NOTE: SANITARY SEWER CROSSINGS EXIST WITHIN THE BOTTOM SLAB OF THE PROPOSED CONCRETE CHANNEL. THE CONTRACTOR SHALL COORDINATE DETAILS OF RELOCATION OR ACCOMMODATION WITH THE UTILITY OWNER BEFORE CONSTRUCTION.

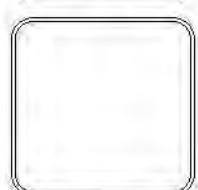


BRIARWOOD DITCH

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE  
 BRIARWOOD DITCH 1  
 PLAN & PROFILE - STA. 13+00 TO 18+50

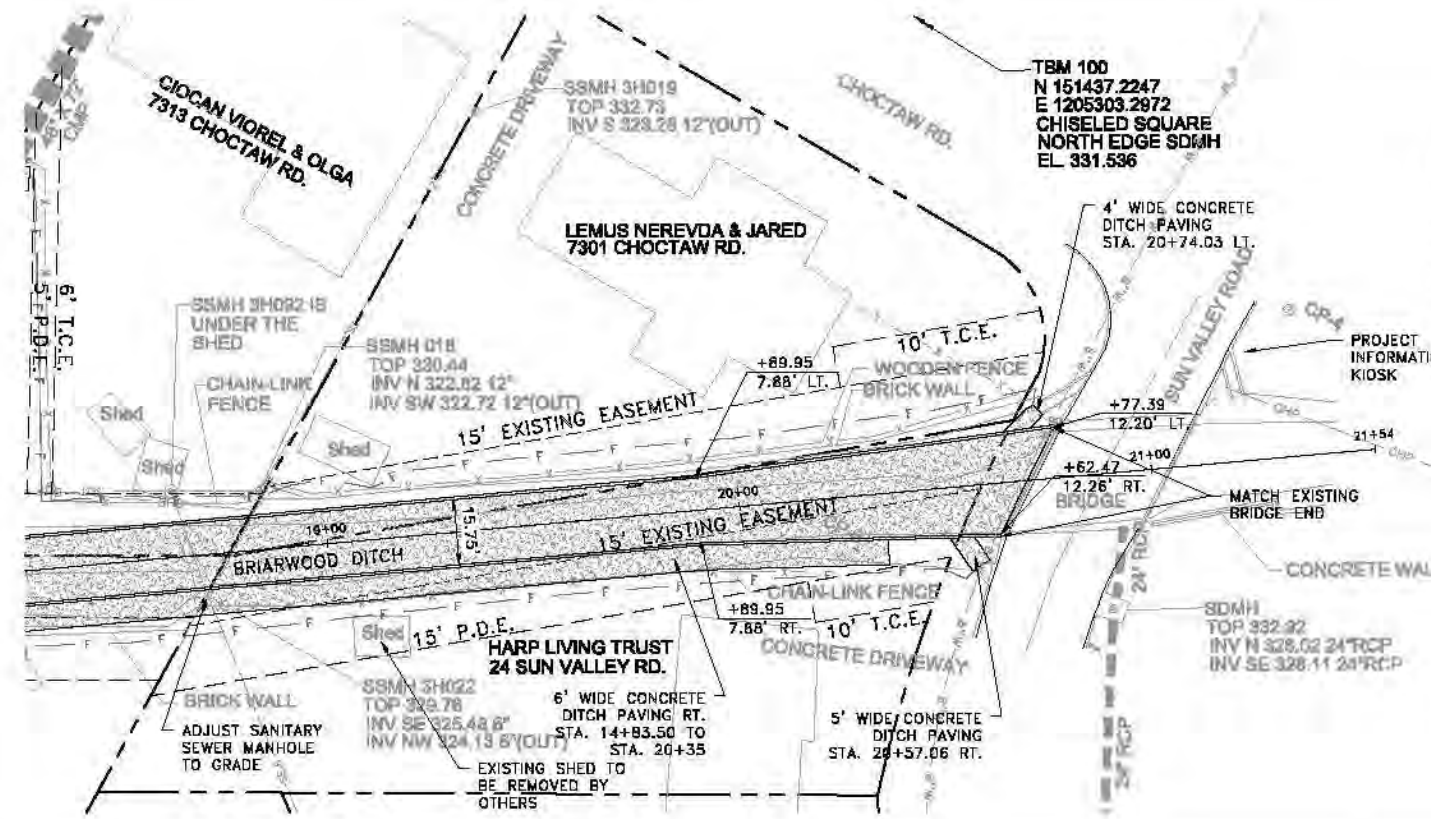
DEPARTMENT OF PUBLIC WORKS  
 CML ENGINEERING  
 701 W. MARIQUAN  
 LITTLE ROCK, ARKANSAS 72201



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 1" = 10'  
 PROJECT NO.  
 3-42  
 SHEET NO.  
 C7

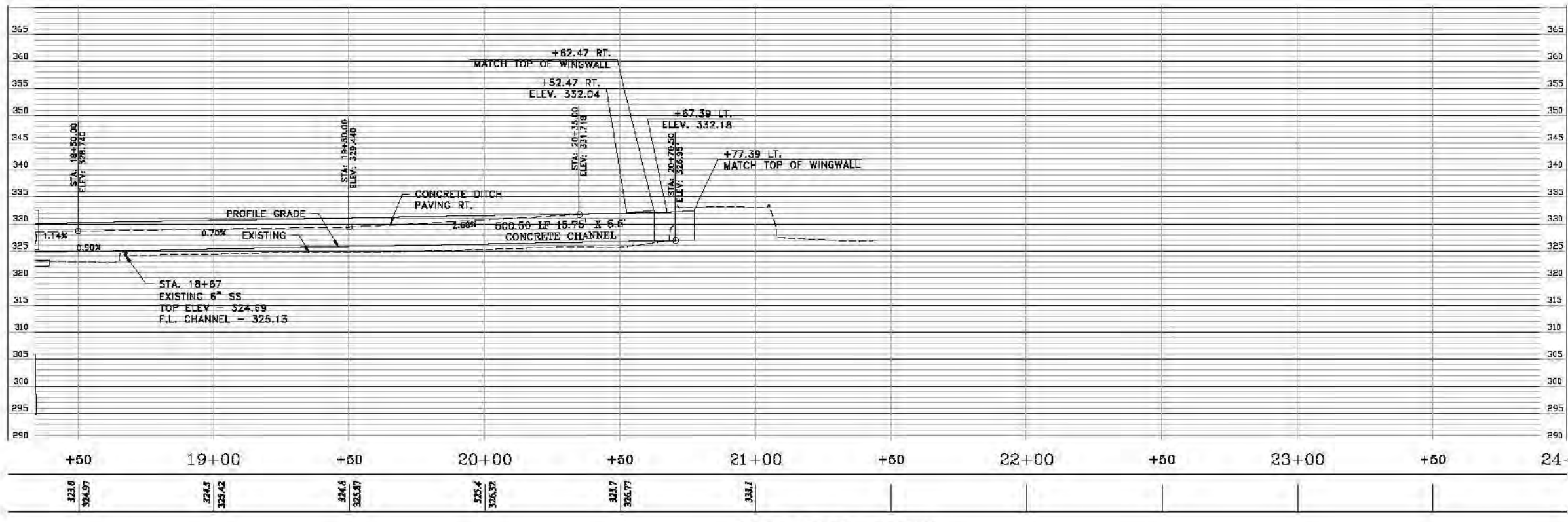
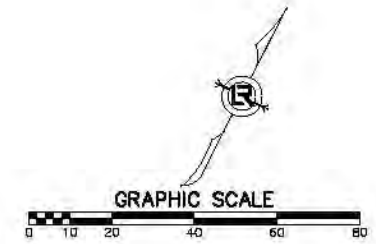
ACTION NO.: 2017-00159  
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 STORMWATER CONSTRUCTION  
 Briarwood Creek and unnamed tributaries  
 Section 1, T. 1 N., R. 13 W.  
 September 2017  
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FENCES AND WALLS					
STA.	STA.	SIDE	FENCE TYPE	REMOVE (FT)	CONSTRUCT (FT)
18+56	20+16	RT.	4' CHAIN LINK	170'	22'
18+87	20+69	LT.	BRICK WALL	178'	-
18+83	20+72	LT.	6' WOOD	216'	235'

\*CONSTRUCT ALONG PROPERTY LINE TO MATCH EXISTING FENCE  
NOTE: 6' WOODEN FENCE SHOWN IN THE ABOVE TABLE SHALL BE CONSTRUCTED ADJACENT TO NEW 4' CHAIN LINK FENCE.



BRIARWOOD DITCH

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE**  
 BRIARWOOD DITCH 2  
 PLAN & PROFILE - STA 18+50 TO 20+77.39

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



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 SCALE  
 1" = 10'  
 PROJECT NO.  
 1-42  
 SHEET NO.  
 C8


ACTION NO.: 2017-00159  
 City of Little Rock  
 STORMWATER CONSTRUCTION  
 Briarwood Creek and unnamed tributaries  
 Section 1, T. 1 N., R. 13 W.  
 September 2017  
 Sheet 8 of 9



REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**BRIARWOOD DITCH AND CHOCTAW CIRCLE DRAINAGE**  
 CHOCTAW CIRCLE 1  
 PLAN & PROFILE - STA 10+00 TO 14+14.68

DEPARTMENT OF PUBLIC WORKS  
 CML ENGINEERING  
 701 W. MARSHAM  
 LITTLE ROCK, ARKANSAS 72201




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**DESIGNED**  
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**CHECKED**  
 TEM  
**DATE**  
 08-01-2017  
**SCALE**  
 1" = 40'  
**PROJECT NO.**  
 3-42  
**SHEET NO.**  
 C9

**ACTION NO.: 2017-00159**  
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 Sheet 9 of 9

