



Utility Technical Memorandum

AHTD Job Number CA0602

I-30 (From I-530/I-440 to I-40) and
I-40 (From Hwy. 365/MacArthur Dr. to Hwy. 67)

Pulaski County, Arkansas
October 2017



U.S. Department
of Transportation

**Federal Highway
Administration**



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1.0 INTRODUCTION

Approved by Arkansas voters, the Arkansas State Highway and Transportation Department (AHTD) is implementing an accelerated State Highway Construction and Improvement Program named the Connecting Arkansas Program (CAP).

A major component of the CAP is to implement a project to improve a portion of Interstate 30 (I-30) from Interstate 530 (I-530) and Interstate 440 (I-440) to Interstate 40 (I-40), including the Arkansas River Bridge, and a portion of I-40 from Highway 365 (MacArthur Drive) to Highway 67. This project is commonly known as CA0602: I-530 - Hwy. 67 (Widening & Reconst.) (I-30 & I-40), hereafter referred to as 30 Crossing project. **Figure 1** illustrates the proposed 7.3-mile project limits.

1.1 Existing Facility

I-30 is one of the critical links of the Central Arkansas Freeway System. It connects communities within the Central Arkansas Region and serves local, regional and national travelers with varied destinations and trip purposes.

The I-30 corridor generally consists of three main lanes in each direction with parallel one-way discontinuous frontage roads on each side of the interstate. In the northern portion of the project limits, the I-40 corridor consists of three to four main lanes in each direction with parallel one-way frontage roads on each side of the interstate between the I-30/I-40 interchange and North Hills Boulevard (Blvd.). Within the 7.3-mile corridor, four system interchanges are located:

- I-30 with I-530 and I-440
- I-30 with I-630
- I-30 with I-40
- I-40 with Highways 67/167

1.2 Proposed Alternatives

1.2.1 No-Action Alternative

The No-Action Alternative represents the case in which the proposed project is not constructed, but could include future projects identified through the long range planning process for maintaining a state of good repair as funding becomes available.

FIGURE 1: PROJECT LOCATION MAP



1.2.1 Action Alternatives

Two different main lane configurations are under consideration. Both would include the replacement of the Arkansas River Bridge.

- Eight-Lane General Purpose (GP) Alternative would provide four main lanes in each direction with no Collector Distributor (C/D) lanes.
- Six-Lane with C/D Lanes Alternative would reconstruct the existing six-lane (three in each direction) roadway while adding two decision lanes on each side that ultimately feed into a C/D system located at the Arkansas River Bridge.

The current Highway 10 (Cantrell Road) interchange provides direct access to the downtown business district of Little Rock. Its proximity to the Arkansas River Bridge and the I-30 interchange with I-630 creates a unique level of complexity. In order to balance various project goals, two interchange concepts are being considered for this interchange:

- An elevated Single Point Urban Interchange (SPUI) constructed in the same location as the current interchange;
- A Split Diamond Interchange (SDI) constructed south of the existing interchange at 4th and 9th Streets.

Combining the two main lane configurations with the two Highway 10 (Cantrell Road) interchange concepts results in the four Action Alternatives as follows:

- Alternative 1A: 8-Lane GP with SPUI Alternative
- Alternative 1B: 8-Lane GP with SDI Alternative
- Alternative 2A: 6-Lane with C/D Lanes with SPUI Alternative
- Alternative 2B: 6-Lane with C/D Lanes with SDI Alternative

For detailed information on the Action Alternatives, refer to the **30 Crossing Environmental Assessment** (EA) for the proposed project.

68

69 2.0 IDENTIFIED UTILITIES

70 The assessment of impacts to utilities was carried out in accordance to the following
71 regulations:

72

- 73 • Utility Relocations Adjustments and Reimbursement [23 Code of Federal
74 Regulations (CFR) Part 645 (a)]
- 75 • Accommodations of Utilities [23 CFR Part 645 (f)]

76

77 There are 17 commercial utilities identified within the project corridor (**Table 1**). These
78 were identified by means of one call, ARKUPS, information provided by Consolidated
79 Information Group, Inc. (CIG), survey performed by AHTD survey crews, and plans
80 provided by the Utility Owners. The following types of commercial utilities are believed to
81 be present:

82

- 83 • Gas/Petroleum
- 84 • Electric
- 85 • Water and Sewer
- 86 • Telecommunications/CATV

87

88 In addition, the Cities of North Little Rock and Little Rock, and the Union Pacific Railroad
89 (UPRR) own utilities within the project corridor.

90

Table 1: Utility Owners Within the Project Area

Utility	Contact Name	Email	Phone Number	Facilities
CenterPoint Energy	Micah Edwards		501-377-4849	Gas/petroleum
Entergy D.	Rodney Caldwell	Rcaldw1@entergy.com	501-804-2121	Electric Distribution
Entergy T.	Gerald Reed	greed@entergy.com	501-490-4703	Electric Transmission
North Little Rock Electrical Distribution	Greg Woodward	gwoodward@nlr.ar.gov	501-992-4073	Electric
Central Arkansas Water	Jim Ferguson		501-377-1298	Water and Sewer
Comcast Cable	Jesse Collins	Jesse_collins@cable.comcast.com	501-478-1930	Telecommunications
Level 3 Communications	Brian McGregor	Brian.mcgregor@level3.com	901-461-9108	Telecommunications
Millennium Utility Consultants	Allen Webster	Allenwebster@buildfiber.com	501-296-9700	Telecommunications
Ritter	Greg Caudle	Greg.caudle@rittercommunications.com	870-243-3248	Telecommunications
Unite Private Networks	George Forbes	George.forbes@upnfiber.com	478-832-0669	Telecommunications
Windstream	Craig Wells	Craig.d.wells@windstream.com	501-748-4571	Telecommunications
Southern Diversified Technologies (AT&T Inc.)	Corey Springer	cspringer@sdt-1.com	501-548-3310	Telecommunications
CenturyLink	Bobby Kennedy	Bobby.Kennedy@Centurylink.com	417-860-4526	Telecommunications
Verizon/MCI	Lester Rutherford	Lester.rutherford@verizonbusiness.com	918-877-7720	Telecommunications
AT&T Arkansas				Telecommunications

94 AHTD held coordination meetings with the following utility owners:

- CenterPoint Energy
- Entergy D.
- Entergy T.
- NLRED
- CARKW
- Comcast Cable
- Level 3 Communications
- Millennium Utility Consultants
- Ritter
- Unite Private Networks
- Windstream
- Southern Diversified Technologies
- CenturyLink
- Verizon/MCI

95

96 Minutes of these meetings are provided in **Appendix A**.

97

98 3.0 DESCRIPTION OF EXISTING AND PLANNED UTILITIES

99 3.1 CenterPoint Energy

100 CenterPoint Energy has natural gas distribution lines crossing I-30 at several locations
101 throughout the corridor. There are no gas transmission lines in the project area and no
102 crossing of the Arkansas River on the I-30 Bridge.

103 3.2 Entergy

104 Entergy has electric distribution lines through the I-30 and I-40 corridors and
105 transmission lines at the south and north ends of the corridor.

106 3.3 AT&T Inc.

107 AT&T Inc. has fiber cable crossing I-30 at several locations throughout the corridor.

108 3.4 CenturyLink

109 CenturyLink has buried fiber optic and telephone cables running from the north end of
110 the Arkansas River Bridge to their building located on the west side of I-30 between 20th
111 and 21st Streets (**Figure 2**). CenturyLink Lightcore is now part of CenturyLink.

112 3.5 AT&T Arkansas

113 AT&T Arkansas has buried fiber optic and telephone cables throughout the corridor.
114 There are nine conduits crossing the Arkansas River Bridge, which contain six fiber
115 optic (two are leased to Windstream) and three copper cables. Manholes are located on
116 the south end of the bridge, and handholes are located on the north end for splicing.

117 3.6 Comcast Cablevision

118 Comcast Cablevision has buried fiber optic through the I-30 and I-40 corridors. The
119 crossing of the Arkansas River Bridge is in conduit, with splicing done in the rooms at
120 both bridge ends.

FIGURE 2: FIBER OPTIC TRANSFER BUILDING

3.7 Level 3 Communications

Level 3 Communications has buried fiber optic through the I-30 corridor. The crossing of the Arkansas River Bridge is in conduit, with splicing done in the rooms at both bridge ends. Level 3 Communications conduit also lies along Cypress Street south of I-40, and enters the CenturyLink transfer building through 16 ducts.

3.8 Windstream Communications

Windstream Communications has buried fiber optic through the I-30 corridor. The crossing of the Arkansas River Bridge is in two AT&T Arkansas ducts, along with one Windstream duct.

3.9 Verizon Communications

Verizon has two buried fiber optic lines through the I-30 corridor. The fiber lines crossing the Arkansas River Bridge are leased to Entergy. The ducts enter the rooms at the south and north ends of the Bridge.

3.10 Central Arkansas Water

Central Arkansas Water has both water and sewer facilities through the I-30 corridor. The potable water crossing of the Arkansas River is by a 24" pipe attached to the Bridge.

4.0 UTILITY IMPACTS

The proposed Action Alternatives involve minor amounts of right of way acquisition. Impacts to utilities occur within the existing right of way, due to the roadway improvements and replacement of the Arkansas River Bridge. The estimated impacts to utilities resulting from the proposed Action alternatives are itemized by project segment in **Table 2**. The estimated impacts are based on the data collection summarized previously. Actual utility impacts will be verified during the Design-Build process when detailed survey and subsurface utility information is available. The following assumptions were utilized to estimate the impacts:

- Relocation required for all utilities within 10 feet from proposed Edge Of Pavement (EOP). Ten feet includes curb and gutter, limits of construction, utility radius and some tolerance for accuracy of horizontal utility information.
- Within the limits of utility impacts (defined as 10 feet from proposed EOP), no parallel utility is deep enough to remain.
- Transverse utilities are not impacted because they are located below the existing pavement and the proposed widening would only minimally diminish their vertical clearance.

Utilities present on the Arkansas River Bridge and utilizing the buildings at the south and north ends of the bridge will be impacted by the bridge replacement and the replacement of the buildings at both bridge ends.

Electric transmission lines at both the I-30/I-530/I-440 interchange and I-30/I-40 interchange may be affected by the Action Alternatives and may require relocation.

Several large transverse sewer crossings of I-30 are present. It is unknown at this time whether the Action Alternatives will have an impact on these sewer lines.

169
170

Table 2: Utility Conflict Locations

Location	Utility Type	Utility Owner	Transverse or Adjacent	Conflict Cause	Resulting Impact	Permit/Easement

171

5.0 POTENTIAL ADJUSTMENTS

For utilities which have a right of occupancy by means of fee title, easement, or another real property interest, and the acquisition of those prior rights is necessary to construct the project, those utilities may be entitled to reimbursement for costs associated with relocation at another location to accommodate the Action Alternatives. It is assumed that all utilities that existed within the future right of way when the interstate right of way was acquired, in 1938, are reimbursable. Engineering, acquisition or replacement right of way, and construction costs may be reimbursable. Reimbursement may also apply to publicly-owned utilities. At this time, no such reimbursements have been identified.

For the replacement of the Arkansas River Bridge, several options are being considered for relocation of the impacted utilities:

- The Design-Build contractor will place new duct bank crossings on the new Bridge and be responsible for connections to the existing facilities at the bridge ends
- The utility owners would be responsible for either placing new duct banks on the new bridge or working out individual agreements to have the work done
- The utilities would not cross the River on the I-30 Bridge, but would bore under the River
- The utilities would not cross the River on the I-30 Bridge, but would use the Junction or Clinton Bridges

Ramp profile adjustments are being evaluated to avoid conflicts with the electric transmission lines.

197 6.0 RIGHT OF WAY CONSIDERATIONS

198 6.1 Subordinations and Encroachments

199 A utility corridor may be established within the right of way for relocated utilities. The
200 location of this corridor and utilities that may be accommodated within it are unknown at
201 this time.

202 6.2 Joint Right of Way Acquisition

203 If utilities cannot be accommodated within the right of way, they may find locations to
204 relocate outside the right of way and purchase that right of way or property interest with
205 their own funds. In the case of reimbursable utilities, AHTD may enter into a joint right of
206 way agreement to assist in the purchase, or solely purchase, the needed right of way.
207 At this time, it is not known whether any right of way will be needed for utility
208 accommodation.
209
210

211 7.0 MITIGATION AND AVOIDANCE RECOMMENDATIONS

212 Most utility companies have the capability to adjust their services without causing major
213 inconveniences to the customers. The primary location for concern is the Arkansas
214 River Bridge, where several critical utilities, including the water line serving North Little
215 Rock, are located on the existing bridge.

216
217 In general, mitigation measures to the maximum extent feasible will include the
218 following:

- 219
- 220 • Maintaining utility connections in temporary locations;
 - 221 • Minimizing the time without service,
 - 222 • Installing alternative or new service before disconnecting the existing services;
223 and
 - 224 • Allowing service disruption only during periods of non-usage or minimum usage.

225 8.0 RECOMMENDATIONS

226 The recommended procedure for utilities crossing the Arkansas River Bridge is that the
227 Design-Build contractor place duct bank crossings on the proposed bridge. Utilities on the
228 existing bridge will then be taken out of service and the utility owners will be responsible
229 for splicing to the new duct bank prior to demolition of the existing bridge.
230



CA0602 I-530 – Hwy. 67 (Widening & Reconst.) (I-30 & I-40) (F)

30-Crossing
Design Build Utility Update

Key Players and Roles

- **Gas/Petroleum Facilities - Five (5) Utilities**
 - ✓ **Cecil Clark**
- **Electric Facilities - Three (3) Utilities**
 - ✓ **Keith Mashburn**
- **Water & Sewer Facilities - Three (3) Utilities**
 - ✓ **Chad Coats**
- **Tele-Communications/CATV - Twelve (12) Utilities**
 - ✓ **Connie Skinner and James Ward**



Objective

▪ AHTD to meet with:

- ✓ **Arkansas One Call, ARKUPS, and CIG**
 - Identified 23 Utilities
 - Narrowed to 17 Utilities
 - Does not include Private (UPRR) or City-Owned Utilities
 - Identify Utilities attached to I-30 River Bridge
 - Expressing the Department's Expectations
- ✓ **Provide current survey plans**
- ✓ **Survey Division to place one call**
- ✓ **Utility to notify Utility Section when locate is complete**

▪ AHTD Surveys Division conducts survey by Phase

- ✓ **Anticipated completion of July 13, 2017**



Utility Location Surveys

**Jeff Lenard,
Surveys Technical Coordinator**

Preliminary Utility Locate Schedule

▪ Phase 1 & 2	In Progress	Feb 15 – Mar 8
▪ Phase 3 & 4	Simultaneously	Mar 9 – Mar 24
▪ Phase 5 & 6	Simultaneously	Mar 27 – Apr 11
▪ Phase 7 & 8	Simultaneously	Apr 12 – Apr 24
▪ Phase 9		Apr 25 – May 9
▪ Phase 10		May 10 – Jun 1
▪ Phase 11 & 13	Simultaneously	Jun 2 – Jun 23
▪ Phase 12		Jun 26 – Jul 13



Gas/Petroleum Facilities

- **CenterPoint Energy**
 - ✓ Not attached to bridge
 - ✓ Crosses I-30 throughout (strictly distribution)
- **Enable Midstream**
 - ✓ No Involvement
- **Enterprise Products**
 - ✓ No Involvement
- **Magellan Midstream**
 - ✓ No Involvement
- **Texas Eastern Transmission**
 - ✓ No Involvement





Telecommunications/CATV Facilities

- **AT&T Inc.**

- ✓ **No cable on bridge**
- ✓ **Fiber cable in sections 1 & 2 of project with several I-30 crossings**



- **CenturyLink**

- ✓ **Fiber picks up on North end of bridge fed by Windstream and goes to CenturyLink's building on I-30**
- ✓ **Crosses bridge through Windstream fiber**
- ✓ **CenturyLink Lightcore is now a part of CenturyLink**





Telecommunications/CATV Facilities

- **AT&T Arkansas**

- ✓ 4 fibers & 3 Copper cables cross bridge
- ✓ 2 fibers leased to Windstream cross bridge
- ✓ Manhole in room on South end of bridge for splicing
- ✓ Handholes in room on North end of bridge for splicing
- ✓ 9 conduits going from manhole to handholes across bridge on chaseway
- ✓ Multitude of other copper and fiber cables throughout for local service



- **Comcast Cablevision**

- ✓ 1 fiber crosses the bridge in Comcast duct
- ✓ Splicing done in rooms on both ends of the bridge
- ✓ Fiber on the South end of I-30 coming from Dallas
- ✓ Fiber follows I-30 to I-40 heading to St. Louis
- ✓ Crossings and local cables throughout the project



Telecommunications/CATV Facilities

- **Level 3 Communications**

- ✓ 1 Fiber crosses bridge in Level 3 duct
- ✓ Splicing done in rooms on both ends of the bridge
- ✓ Facilities cross I-30 throughout project
- ✓ Fiber parallels I-40 at Cypress & goes to CenturyLink building through 16 duct system

Level(3)

- **Windstream Communications**

- ✓ 2 fibers cross bridge in AT&T Arkansas ducts
- ✓ 1 fiber crosses bridge (KDL) on its own
- ✓ Other purchased facilities throughout needing to be located
- ✓ Fiber in AHTD ROW from I-530 to POP at Eanes Rd (near Airport) then north to 40/30 exchange



Telecommunications/CATV Facilities

- **Verizon Communications**
 - ✓ **2 fibers cross bridge**
 - ✓ **Has fiber leased to Entergy crossing bridge**
 - ✓ **Leave room on South end via own ducts cleated to wall and crosses on chaseway**
 - ✓ **Goes into the room on the North end and then goes in various directions from there**



South Room Under Bridge



Duct Bank Entrance to Chaseway



Duct Bank on Chaseway



North Room Under Bridge



North ATT Manhole



Recommendations/Discussion

▪ Telecommunications/CATV

✓ OPTION 1

AHTD Contractor place duct bank crossing bridge. Existing manhole and handholes stay. Path from old to new bridge with space for splicing (MH/HH)

- Utility friendly placement of conduits
- Coordination of placing & splicing cables
- Ownership
- All utilities able to relocate off bridge within 30 day window, except for possible moratoriums

✓ OPTION 2

Each utility place conduits crossing new bridge or individually have AHTD contractor place them

- Too much confusion with 5 different utilities
- Too many separate agreements
- Cost issues

✓ OPTION 3

All utilities bore under river - hopefully joint

- Environmental issues
- Cost issues
- Coordination

✓ OPTION 4

Cross river using pedestrian bridges

- Ownership of bridges in question
- Path to get to the bridges
- Engineering issues



Design Build Utility Update

Comments/Questions?



Summation of Utility Update

- **Gas/Petroleum Facilities**
 - ✓ No gas attachments on bridge
 - ✓ No transmission lines in scope of project; strictly distribution
- **Electric Facilities**
 - ✓ Normal distribution lines throughout
 - ✓ Transmission facilities on north end of project may be avoided through design
 - ✓ Transmission facilities on south end of project will be affected by any ramp alternates
- **Water & Sewer Facilities**
 - ✓ 24" waterline attached to bridge
 - ✓ Central Arkansas Water to explore alternatives
 - ✓ Major sewer lines near river and both ends of project
- **Tele-Communications/CATV**
 - ✓ Utility group with the most bridge attachments
 - ✓ Option One (recommended) - AHTD Contractor place duct bank crossing bridge. Existing manhole and handholes stay. Path from old to new bridge with space for splicing (MH/HH)



Action Items

- **Utility Locates Continuing per schedule**
- **Survey Quality Data continuing to be obtained**
- **Coordination Meeting with all Tele-Communications/CATV Utilities – Mid to Late March 2017**
- **Next Design Build Utility Update Meeting – TBD**
- **Master Utility Agreement Research**



CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 02.02.17

TIME: 2:30 PM

LOCATION: CenterPoint Energy,
Roosevelt Rd., LR

MEETING / PROJECT NAME: CenterPoint Energy Initial Meeting

MINUTES PREPARED BY: CWC

1. MEETING OBJECTIVE

To introduce the project and give a general overview. Explain what will be required of the utility and to go over the project schedule.

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
CWC	AHTD		2359
KM	AHTD		2142
Micah Edwards	CenterPoint Energy		501-377-4849
Vincent Vickers	CenterPoint Energy		501-377-4914
Sam Clark	CenterPoint Energy		501-377-4738
Kenneth Fuentes	CenterPoint Energy		501-377-4606
Justin Monroe	CenterPoint Energy		

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
Utility locate schedule by sections	CenterPoint Energy	
Surveys to place OneCall	CenterPoint Energy	
CenterPoint has no facilities on the river bridge.	CenterPoint Energy	

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Provide plan sheets showing the locations of omitted facilities on survey files.	Micah Edwards	

SUBMITTED BY:

APPROVED BY:



CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 2.7.17

TIME: 9:00 AM

LOCATION: Broadway

MEETING / PROJECT NAME: Entergy D. Preliminary Coordination

MINUTES PREPARED BY: KM

1. MEETING OBJECTIVE

Notify Utility of upcoming events, particularly locating non-surveyed facilities & major utility impacts

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
KM	AHTD		2142
Rodney Caldwell	Entergy D.	rcaldw1@entergy.com	501-804-2121

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
UG primary at Markham (Clinton Ave.), not located		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
New locate will be called in, UG primary to be located by Arkups		

5. NEXT MEETING (if applicable)

DATE	NA	TIME	LOCATION
OBJECTIVE			

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 2.15.17

TIME: 9:00 AM

LOCATION: Entergy T.

MEETING / PROJECT NAME: Entergy T. Preliminary Coordination

MINUTES PREPARED BY: KM

1. MEETING OBJECTIVE

Notify Utility of upcoming events, particularly major utility impacts

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
KM	AHTD		2142
Gerald Reed	Entergy T.	greed@entergy.com	501-490-4703
William Vaughan	Entergy T.	wvaugh2@entergy.com	

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
Strs. potentially in conflict at 30/440 interchange		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Entergy T. to provide ballpark estimate of relocation of strs. @ south interchange	Entergy T.	1 week
KM to check on prior right status of structures	KM	1 week

5. NEXT MEETING (if applicable)

DATE	NA	TIME	LOCATION
OBJECTIVE			

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 1.31.17

TIME: 9:00 AM

LOCATION: NLRED

MEETING / PROJECT NAME: NLRED Preliminary Coordination

MINUTES PREPARED BY: KM

1. MEETING OBJECTIVE

Notify Utility of upcoming events, particularly locating non-surveyed facilities & major utility impacts

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
KM	AHTD		2142
Greg Woodward	NLRED	gwoodward@nlr.ar.gov	501-992-4073
Brandon Wilson	NLRED	jwilson@nlr.ar.gov	501-992-4066

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
UG primary one block north of Broadway, not located		
Aerial double three-phase @ N. Hills Blvd., major relocation		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
New locate will be called in, UG primary to be located by Arkups		

5. NEXT MEETING (if applicable)

DATE	NA	TIME	LOCATION
OBJECTIVE			

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 1/31/2017

TIME: 1:00 Pm

LOCATION: CAW

MEETING / PROJECT:CA0602

MINUTES PREPARED BY: CTC

1. MEETING OBJECTIVE

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
Chad Coats	AHTD		569.2323
Barry Cruz	AHTD		569.2324
Jim Ferguson	CARKW		377.1298
Tom Wray	CARKW		377.1221

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
Verify survey information we currently have for accuracy.	CARKW	
Relocation of 24" water line attached to bridge.	CARKW	
Cannot be without water line for a day from May 1-November 15.	CARKW	
Has facilities that pre-date the interstate.	<i>Where they adjusted at the time?</i>	

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Perform a study to explore reattaching to the new bridge and other option to get across the river.	CARKW	

5. NEXT MEETING (if applicable)

SUBMITTED BY:

Chad Coats

APPROVED BY:

3. The as-built records were reviewed and determined there are an 1800 pair and a 900 pair pulp cable and 2 each 216 fiber and 1 each 12 fiber cables in ducts and innerducts attached to the I-30 River Bridge. Windstream Communications has rented ducts from them and has fiber cables on the bridge also.

Five Options for relocating the facilities on the bridge were discussed with AT&T research of each to follow.

Option #1 – Utilize the existing duct banks that are attached to the Main Street River Bridge. This option will clear the I-30 River Bridge to include Windstream and can be performed at anytime. AT&T will check on the diversity requirements of the existing lines to confirm this option is viable.

Option #2 – Include the installation of duct bank in the design-build proposal to have the selected contractor install the duct bank during construction of the bridge and AT&T pull the cable and splice both ends of the bridge within a 30 day window after duct bank installation. This option depends on the existing manholes at the base of the existing bridge remaining in place.

Option #3 – Same as option #2 except AT&T installs the duct bank during construction of the bridge coordinating directly with the design-build contractor.

Option #4 – Relocate the existing AT&T duct bank from the I-30 river bridge to either the Railroad Trestle to the East near President Clinton Library or to the Railroad Trestle (Junction Bridge) to the west near Riverfront Park. AT&T will research ownership of both bridges should options #1, #2, AND #3 not be viable options.

Option #5 – Bore under the river, install encasement for the duct bank and relocate existing lines from the I-30 River Bridge to the bore. This is the most costly and least preferred.

We then discussed the preliminary utility relocation schedule with the construction phase beginning in 2019.

We agreed to meet again once AT&T has researched their items and can narrow down the appropriate options.

SUBMITTED BY:

APPROVED BY:

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: February 2, 2017

TIME: 9:00 am

LOCATION: 11001 Anderson Dr. Little Rock

MEETING / PROJECT NAME: CA0602

MINUTES PREPARED BY: James Ward

1. MEETING OBJECTIVE

To identify existing Comcast facilities within the project limits and to discuss the relocation of the facilities crossing the I-30 Bridge across the Arkansas River and the timing of the locating of their facilities according to the presented schedule.

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
Jesse Collins	Comcast Cable	Jesse_collins@cable.comcast.com	501.748.1930(O)/501.353.8448(M)
David Hatton	Comcast Cable	James_hatton@cable.comcast.com	501.779.6680(M)
Richard Hill	Comcast Cable	Richard_hill2@cable.comcast.com	501.779.6382(M)
Curt Fulmer	Comcast Cable	Curt_Fulmer@cable.comcast.com	
James F. Ward	AHTD	James.ward@ahtd.ar.gov	501.569.2920
Connie Skinner	AHTD	Connie.Skinner@ahtd.ar.gov	501.569.2335

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
60 ct Fiber crossing river on bridge in own duct that feeds all north and south of the river and is the backbone fiber from Dallas to St. Louis.	Comcast Cable	
They prefer to attach to the new bridge as well. They can accomplish the splicing and cut over from the old to the new in the 30 day time frame discussed. They assured that whatever was required of them, they would perform.		
ARKUPS performs the marking of their facilities for them.		
Budgeting will be discussed in a couple of weeks with their Management team.		

SUBMITTED BY: James F. Ward

APPROVED BY:

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Send existing facility prints to the Department for record.	Richard Hill	2/2/2017

5. NEXT MEETING (if applicable)

DATE	TBA	TIME	TBA	LOCATION	AHTD
OBJECTIVE	All Telecom Utilities in one room to discuss coordination of relocation of utilities from the existing bridge to the new bridge.				

SUBMITTED BY: James F. Ward

APPROVED BY:

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: February 8, 2017

TIME: 10:00 am

LOCATION: North Little Rock

MEETING / PROJECT NAME: CA0602 – 30 Crossing

MINUTES PREPARED BY: J. W.

1. MEETING OBJECTIVE

- a. Discuss existing location of facilities along corridor of project.
- b. Discuss options for vacating existing river bridge duct bank.
- c. Discuss schedule of project and relocation coordination.

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
Brian McGregor	Level 3 Communications	brian.mcgregor@level3.com	(901) 461-9108
Allen Webster	Millennium Utility Consultants, Inc.	allenwebster@buildfiber.com	(501) 296-9700
James Ward	AHTD	James.ward@ahtd.ar.gov	(501) 569-2920
Connie Skinner	AHTD	Connie.skinner@ahtd.ar.gov	(501) 569-2335

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
Bridge Attachments that tie into Windstream on the north end of the bridge and exits the manhole under the south end of the bridge to a handhold by the statue on West Markham and continues west from there that belongs to Level 3.	Level 3	
They also have local use facilities that cross throughout the project both north and south of the bridge.	Level 3	
They have a long haul line that parallels I-40 along the south side and crosses I-30 at the 30/40 Interchange.	Level 3	
At Cypress and Riverfront in North Little Rock, they have a long haul lines in 16 ducts bank goes into CenturyLink building and also exits along I-40 west then crosses I-40 to the north at Levy area.	Level 3	

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Level 3 will send as-built records of facilities to AHTD	Level 3	ASAP

SUBMITTED BY: 

APPROVED BY:

AHTD to send pdf of locate phases and schedule

AHTD

2/8/2017 - Completed

5. NEXT MEETING (if applicable)

DATE	TBA	TIME	TBA	LOCATION	AHTD
OBJECTIVE	All Telecom Utilities in one room to discuss coordination of relocation of utilities from the existing bridge to the new bridge.				

SUBMITTED BY:

APPROVED BY:

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 02/06/17

TIME: 9 AM

LOCATION: AHTD

MEETING / PROJECT NAME: CA0602

MINUTES PREPARED BY: Connie Skinner

1. MEETING OBJECTIVE

Determine Ritter's presence if any within the limits of the CA0602 project

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
Greg Caudle	Ritter	Greg.caudle@rittercommunications.com	870-243-3248
James Ward	AHTD	James.ward@ahtd.ar.gov	501-569-2920
Connie Skinner	AHTD	Connie.skinner@ahtd.ar.gov	501-569-2335

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
Greg does not believe Ritter will have any involvement in this project. For sure they do not have any cable on the I-30 bridge. ARKUPS locates for them and they will locate when called for in the area close to McArthur since they are in that vicinity.		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Compare pending job with plans for CA0602 to double check their involvement and send plans for that pending job on I-40 to Connie & James	Greg Caudle	2-6-17

SUBMITTED BY: Connie Skinner

APPROVED BY:

Handwritten signatures and initials:




CA0602 - I-530 - Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 01/26/17
TIME: 1pm
LOCATION: AHTD

MEETING / PROJECT NAME: CA0602
MINUTES PREPARED BY: CONNIE SKINNER

1. MEETING OBJECTIVE

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
JAMES STUART	SPRINT COMMUNICATIONS	james.stuart@sprint.com	(214) 289-5105
JAMES WARD	AHTD		501-564-0932
CONNIE SKINNER	AHTD		501-564-2335

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
SPRINT HAS NO FACILITIES ON THE I-30 BRIDGE THEY CROSS THE MAIN ST BRIDGE; MEANDERS AROUND & THEN GOES UNDER I-30 BRIDGE BY THE CLINTON LIBRARY AND ARE IN CITY (see page 2)		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
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SEND RECORDS OF SPRINT FACILITIES JAMES STUART

5. NEXT MEETING (if applicable)

DATE	TIME	LOCATION
NA		
OBJECTIVE		

SUBMITTED BY: CONNIE SKINNER

APPROVED BY:

W
SK *SK*

DUCT RUN PART OF THE WAY. THEY HAVE A POP & MAIN & WEST 1st N. OF RIVER. THEY CROSS I-30 BETWEEN 9th & 14th. FROM THE POP THEY HAVE FIBER GOING OUT TO MEMPHIS & TO PINE BLUFF.

TAKES 6-11 WEEK @ BEST TO GET FIBER & THEY USE CONTINUING CONTRACT LABOR FOR ALL WORK BUT THEY SELF-LOCATE. THEY ASK THAT WE ONLY REQUEST LOCATES ONCE INSTEAD OF BY EACH CONTRACTOR WANTING TO BID - THEY WILL ONLY BE LOCATED IN SECTIONS 4 & 7 ON OUR LOCATE MAP

SUBMITTED BY:

APPROVED BY:

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 02/01/17

TIME: 3 pm

LOCATION: AHTD

MEETING / PROJECT NAME: CA0602

MINUTES PREPARED BY: Connie Skinner

1. MEETING OBJECTIVE

To determine what, if any, facilities Unite Private Networks has in the scope of CA0602 and in particular on the I-30 Bridge.

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
George Forbes	Unite Private Networks	George.forbes@upnfiber.com	478-832-0669
James Ward	AHTD	James.ward@ahtd.ar.gov	501-569-2920
Connie Skinner	AHTD	Connie.skinner@ahtd.ar.gov	501-569-2335

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
Unite uses ARKUPS for locates and doesn't foresee any problems with the locates we will be requesting. Unite has fiber to the Little Rock schools and crosses I-30 at 9 th street with a 144 fiber. They are also in progress on a job taking fiber to the Clinton Library. Unite does NOT have cable crossing the bridge nor any structures or facilities that must be avoided.		
Unite is co-owned by Cox.		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Check on permit for new job to Clinton Library to see if any adjustments may need to be made for CA0602	Connie Skinner	02/09/17

SUBMITTED BY: Connie Skinner

APPROVED BY:

W BWC
SK

5. NEXT MEETING (if applicable)		
DATE	TIME	LOCATION
OBJECTIVE		

SUBMITTED BY: Connie Skinner

APPROVED BY:

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 02/01/2017

TIME: 9:30 a.m.

LOCATION: Windstream Offices

MEETING / PROJECT NAME: CA0602

MINUTES PREPARED BY: Connie Skinner

1. MEETING OBJECTIVE

To determine what facilities Windstream has within the scope of CA0602 and in particular crossing the I-30 bridge.

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
Craig Wells	Windstream	Craig.d.wells@windstream.com	501-748-4571
Alan Thomas	Windstream	Alan.thomas@windstream.com	870- 743-5124
James Ward	AHTD	James.Ward@ahtd.AR.gov	501-569-2920
Connie Skinner	AHTD	Connie.skinner@ahtd.ar.gov	501-569-2335

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
Windstream showed us the records of their facilities including Windstream KDL, WorldCom(Verizon Business) and Alltel. They have 2 fibers crossing the bridge in ATT duct and Windstream KDL has 1 fiber crossing the bridge on its own. These are all 72 fiber cables. Windstream would like to go across the new bridge and stay in ATT conduit if that turns out to be a viable option for ATT. They also believe they can make the transition to the new bridge within the 30 days allotted (actually the time frame is before the traffic is moved to the new bridge) as long as the dmarc points for their connections with the other companies can remain in place. The dmarc locations exist in the handholes and manholes on both ends of the bridge. We advised them that we are asking for the design to allow these manholes and handholes to remain as is. Arkups does their locates and they will make sure they are done as requested. We gave them maps of the break down of the locates and of the overall area of the job. They gave us the maps of their facilities within the job scope.		

SUBMITTED BY: Connie Skinner

APPROVED BY:



We also discussed their facilities throughout the project, but at this time no actual planning for these relocations can be made until the design is further along.		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Send pictures of facilities in the rooms at either end of the bridge	Connie Skinner	2-9-17
Send contact information for RE and Permit offices	Connie Skinner	2-9-17

5. NEXT MEETING (if applicable)

DATE	TIME	LOCATION
OBJECTIVE		

SUBMITTED BY: Connie Skinner

APPROVED BY:

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: 02/14/2017

TIME: 10 a.m.

LOCATION: AHTD

MEETING / PROJECT NAME: CA0602 Meeting with AT&T Inc.

MINUTES PREPARED BY: Connie Skinner

1. MEETING OBJECTIVE

To determine the location of AT&T Inc facilities within the scope of CA0602

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
Corey Springer	Southern Diversified Technologies	cspringer@sdt-1.com	501-548-3310/501-733-2302
James Ward	AHTD		
Connie Skinner	AHTD		

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
AT&T Inc. is not on the bridge, but does have facilities in the		
Project area. They cross I-30 with a 264 fiber at 17 th Street		
And follow I-30 to Pine Bluff then from Pine Bluff to Memphis.		
They also have fibers in Windstream cable and have a hut near the armory. Corey believes they are in sections 1&2 of the locate map. ST&T Inc. is self- locating.		

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Send facilities location maps	Corey	2/14/17
Send Jeff Lenard's contact information to Corey	Connie	2/14/17
Seek more information and send for facilities purchased by AT&T Inc.	Corey	3/31/17

SUBMITTED BY:



APPROVED BY:

5. NEXT MEETING (if applicable)

DATE		TIME		LOCATION	
OBJECTIVE					

SUBMITTED BY:

APPROVED BY:

CA0602 – I-530 – Hwy.67 (Widening & Reconst.) I-30 & I-40) (F)

PROJECT MEETING MINUTES

DATE: February 16, 2017

TIME: 9:00 am

LOCATION: AHTD ROW Conference Room

MEETING / PROJECT NAME: CA0602 Joint Meeting with CenturyLink (Lightcore) and Verizon

MINUTES PREPARED BY: James Ward

1. MEETING OBJECTIVE

- Discuss existing location of facilities along corridor of project.
- Discuss options for vacating existing river bridge duct bank.
- Discuss schedule of project and relocation coordination.

2. ATTENDEES PRESENT

NAME	DEPARTMENT / DIVISION	EMAIL	PHONE
Bobby Kennedy	CenturyLink (Lightcore)	Bobby.kennedy@Centurylink.com	(417) 860-4526
Lester Rutherford	Verizon/MCI	Lester.rutherford@verizonbusiness.com	(918) 877-7720
Allen Webster	Millennium Utility Consultants, Inc.	allenwebster@buildfiber.com	(501) 296-9700
Ryun Frederick	Verizon/MCI	Ryun.frederick@verizon.com	(612) 607-1249
Jason McKellen	Verizon/MCI		(501) 352-5218
Chuck Wasson	Verizon/MCI		(501) 352-5221
James Ward	AHTD	James.ward@ahtd.ar.gov	(501) 569-2920
Connie Skinner	AHTD	Connie.skinner@ahtd.ar.gov	(501) 569-2335

3. AGENDA & NOTES, DECISIONS, ISSUES

TOPIC	OWNER	TIME
CenturyLink facilities located north of the River and crosses the bridge in Windstream Cable	CenturyLink	
CenturyLink has a hut on the southwest side of the 30/40 interchange that cannot be moved. This hut is the focal point of AT&T, Level3, Verizon/MCI, Brooks, and Worldcom that parallels both east and west along I-40.	CenturyLink	
Verizon, MCI Worldcom, and Brooks are in Handholes at the north end of the bridge and cross the bridge in the duct bank and individual innerducts. They exit the South bridge room under the west wall and travel to a manhole labeled "Communications". The Verizon cable has	Verizon	

SUBMITTED BY:

APPROVED BY:

Entergy fibers inside the sheath.		
Verizon travels from the south end of the bridge to 4 th street to behind the wall at Axiom.	Verizon	
CenturyLink and Verizon self locates their lines. They have notified their technicians and will coordinate with Jeff Lenard to ensure their lines are accurately marked and surveyed.	Verizon/AHTD	
Both were concerned about certain moratoriums that their companies cannot splice fibers due to world events or holidays. Depending on the timing of the installation and splicing schedule, the moratoriums could impact the 30 day window for final splicing.	Verizon/CenturyLink	

4. ACTION ITEMS

ACTION	ACTION TO BE TAKEN BY	DATE TO BE ACTIONED BY
Provide existing locations of utilities on AHTD plan sheets.	Verizon/CenturyLink	
Coordinate with Jeff Lenard (AHTD Surveys) for locates	Verizon/CenturyLink	

5. NEXT MEETING (if applicable)

DATE	TBD	TIME	TBD	LOCATION	AHTD Auditorium
OBJECTIVE	Coordinate with all telecom utilities in one room to discuss relocation of utilities from the existing bridge to the new bridge.				

SUBMITTED BY:

APPROVED BY: