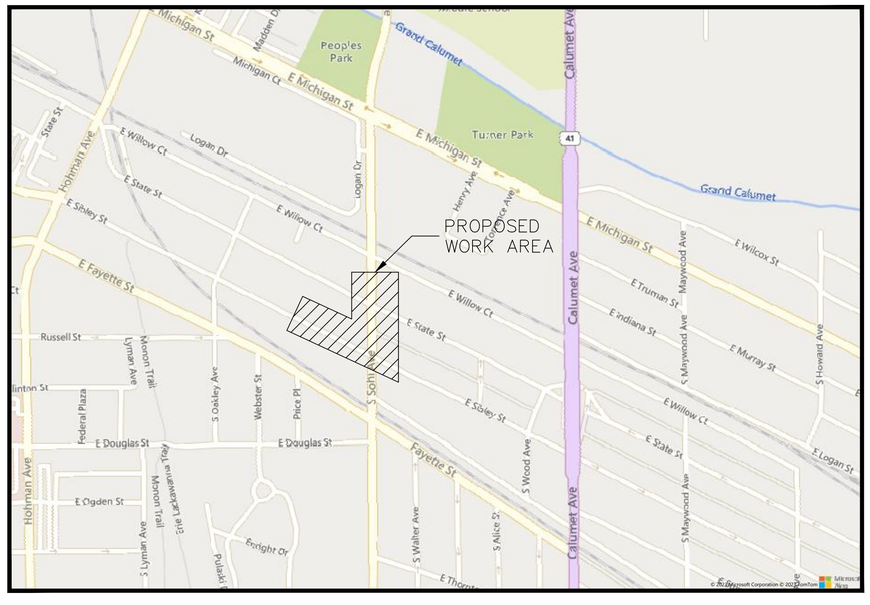
PROPOSED AERIAL FIBER CABLE AND CONDUIT INSTALLATION 564 STATE ST HAMMOND, INDIANA

SITE LOCATION MAP



INDEX TO SHEETS	
SHEET	TITLE
1	COVER SHEET
2	LEGEND & CONTACT INFORMATION
3	GENERAL NOTES
4	AERIAL PLAN VIEW
5	PROJECT PLAN VIEW
6	RESTORATION PLAN VIEW
7	STANDARD CONSTRUCTION DETAILS
8	STANDARD CONSTRUCTION DETAILS
TCP-01	TRAFFIC CONTROL PLAN SIDEWALK CLOSURE
TCP-02	TRAFFIC CONTROL PLAN SIDEWALK CLOSURE

ENGINEER'S ESTIMATE OF MATERIALS	
QUANTITY	ITEM
332	LINEAR FEET FIBER CABLE VIA AERIAL OVERLASH INSTALLATION
389	LINEAR FEET OF 1-1.5" HDPE CONDUIT FOR FIBER

Know what's below. Call before you dig.

JAMES DAVID NORTON REGISTERED No. PE11800273 STATE OF INDIANA PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER
EXPIRES 07-31-2024

SIGNATURE

03/24/2023
DATE

NOTE: THE FOLLOWING PLAN SET IS NOT TRANSFERABLE AND IS ONLY CONSIDERED AN OFFICIAL CONSTRUCTION DRAWING WHEN ACCOMPANIED WITH A SIGNED ENGINEERING SEAL.

N

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE
COVER SHEET

FILE NAME/SEGMENT ID
AST-UG-041

JOB TITLE
AERIAL FIBER CABLE & CONDUIT INSTALLATION 564 STATE ST. JURISDICTION: HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	N.T.S.
PROJECT NUMBER		OUC NUMBER
AST-23-9043		N/A

REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

SHEET: 1 OF 8

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS

OWNER:

ASTOUND
MARVIN HAZLEY
1130 CAROLINA DRIVE, SUITE E
WEST CHICAGO, IL 60185
MARVIN.HAZLEY@ASTOUND.COM
(630) 631-2594

CONTRACTOR:

STAAR CORP.
12808 MONROE STREET
CROWN POINT, IN 46307

ENGINEERING:

TALMAN CONSULTANTS, LLC
RICHARD REYNOSO
141 WEST JACKSON BOULEVARD, SUITE 1600A
CHICAGO, IL 60604
RREYNOSO@TALMANCONSULTANTS.COM
(773) 818-0584

PROPOSED

- PROPOSED OVERHEAD CABLE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL BORE
- PROPOSED BORE PIT
- PROPOSED PEDESTAL
- PROPOSED 30" COMMUNICATIONS HH
- PROPOSED CONCRETE/FIBERGLASS HH

COMED

- EXISTING COMED
- EXISTING COMED MANHOLE

CTA

- EXISTING CTA
- EXISTING CTA MANHOLE
- POTENTIAL BURIED CTA ABANDON TRACKS

DEO/ELECTRIC

- EXISTING DEO/ELECTRIC
- EXISTING STREET LIGHT CONTROL BOX
- EXISTING TRAFFIC LIGHT CONTROL BOX
- EXISTING STREET LIGHT HANDHOLE
- EXISTING TRAFFIC LIGHT HANDHOLE
- EXISTING RED LIGHT CAMERA POLE
- EXISTING STREET LIGHT POLE
- EXISTING TRAFFIC LIGHT POLE
- EXISTING DEO POLE
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC HANDHOLE
- EXISTING RED LIGHT FLASH POLE

ENWAVE/UNICOM

- EXISTING ENWAVE/UNICOM
- EXISTING ENWAVE/UNICOM MANHOLE

GAS

- EXISTING GAS MAIN
- EXISTING GAS MAIN (DEAD)
- EXISTING GAS CAP
- EXISTING GAS REDUCER
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING GAS METER

MISCELLANEOUS

- EXISTING FENCE
- EXISTING CONSTRUCTION FENCE
- EXISTING GUARDRAIL
- APPROXIMATE PROPERTY LINE/ R.O.W.
- EXISTING BIKE RACK
- EXISTING TREE
- EXISTING BUSH
- EXISTING STREET SIGN POST
- EXISTING POST/BOLLARD
- EXISTING GROUND LIGHT
- EXISTING UTILITY POLE
- EXISTING STANDPIPE
- EXISTING ADA RAMP
- EXISTING MISCELLANEOUS MANHOLE
- EXISTING GARBAGE CAN
- EXISTING PARK DISTRICT MANHOLE
- EXISTING MONITORING WELL
- EXISTING FIRE ALARM
- EXISTING STREET PARKING PAY BOX
- EXISTING PEDESTAL
- EXISTING MAILBOX
- EXISTING NEWSPAPER BOX
- EXISTING PHONE
- EXISTING SPRINKLER CONTROL BOX
- EXISTING SPRINKLER VALVE
- EXISTING SUPPORT COLUMN

COMMUNICATIONS

ATT	EXISTING AT&T	A — EXISTING AT&T MANHOLE
ATT	EXISTING AT&T (ABANDON)	
CC	EXISTING CROWN CASTLE	CC — EXISTING CROWN CASTLE MANHOLE
CTV	EXISTING CABLE TV	TV — EXISTING CABLE TV MANHOLE
CM	EXISTING COMCAST	CM — EXISTING COMCAST MANHOLE
CO	EXISTING COMMUNICATIONS	CO — EXISTING COMMUNICATIONS MANHOLE
L3	EXISTING LEVEL 3	L3 — EXISTING LEVEL 3 MANHOLE
LG	EXISTING LOOKING GLASS	LG — EXISTING LOOKING GLASS MANHOLE
JB	EXISTING JOINT BUILD	JB — EXISTING JOINT BUILD MANHOLE
MD	EXISTING McLEODUSA	MD — EXISTING McLEODUSA MANHOLE
MCI	EXISTING MCI/VERIZON	MCI — EXISTING MCI/VERIZON MANHOLE
NG	EXISTING NEXTG	NG — EXISTING NEXTG MANHOLE
QW	EXISTING QWEST	Q — EXISTING QWEST MANHOLE
RCN	EXISTING RCN	R — EXISTING RCN MANHOLE
SD	EXISTING SIDERA	SD — EXISTING SIDERA MANHOLE
SP	EXISTING SPRINT	SP — EXISTING SPRINT/NEXTEL MANHOLE
SN	EXISTING SUNESYS	SN — EXISTING SUNESYS MANHOLE
VZ	EXISTING VERIZON	VZ — EXISTING VERIZON MANHOLE
WOW	EXISTING WOW	WO — EXISTING WOW MANHOLE
XO	EXISTING XO COMMUNICATIONS	XO — EXISTING XO MANHOLE
YP	EXISTING YIPES COMMUNICATIONS	YP — EXISTING YIPES MANHOLE
ZA	EXISTING ZAYO GROUP	ZA — EXISTING ZAYO GROUP MANHOLE

SEWER

)	EXISTING SEWER MAIN	S — EXISTING SEWER MANHOLE
)	EXISTING SEWER MAIN (ABANDON)	EXISTING SEWER CATCH BASIN
>	EXISTING STORM SEWER MAIN	EXISTING SEWER INLET
	EXISTING MWRD MANHOLE	

WATER

W	EXISTING WATER MAIN	W — EXISTING WATER MANHOLE
W	EXISTING WATER MAIN (ABANDON)	EXISTING WATER VALVE
	EXISTING WATER SHUT OFF	EXISTING WATER METER
FC	EXISTING FIRE CISTERN MANHOLE	EXISTING FIRE HYDRANT
	EXISTING WATER CAP	EXISTING WATER REDUCER

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE
LEGEND & CONTACT INFORMATION

FILE NAME/SEGMENT ID
AST-UG-041

JOB TITLE
AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION: HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	N.T.S.

PROJECT NUMBER	OUC NUMBER
AST-23-9043	N/A

REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

SHEET: 2 OF 8

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS

ALL PROPOSED WORK UNDER THIS CONTRACT SHALL BE DONE IN ACCORDANCE WITH THE ENSUING NON-INCLUSIVE CONDITIONS:

SCOPE OF WORK:

1. CONSTRUCTION OF ALL ASSOCIATED ACCESSORIES FOR CONDUIT INSTALLATION. SEE PLAN SHEETS FOR SUMMARY OF PROPOSED IMPROVEMENTS.

   ESTIMATE OF MATERIALS: SEE COVER SHEET.

2. THE CONTRACTOR SHALL PROVIDE ALL COMPONENTS NECESSARY TO COMPLETE THE DESCRIBED WORK UNDER THIS CONTRACT INCLUDING MATERIAL, LABOR, EQUIPMENT, INSTALLATION, RESTORATION, JOB SITE DELIVERY COSTS, AND UTILITY RELOCATION CHARGES IF NECESSARY.

3. CHANGE-ORDER REQUESTS MUST BE PRESENTED IN WRITING TO THE OWNER'S REPRESENTATIVE AND APPROVED PRIOR TO PROCEEDING WITH THE REQUESTED CHANGE. DOCUMENTATION CONCERNING ANY AND ALL CHANGE ORDERS WILL BE TREATED AS LEGAL DOCUMENTS AND ARE TO BE FILED WITH THE OWNER'S REPRESENTATIVE FOR FUTURE REFERENCE.

4. THE ENGINEER WILL NOT BE RESPONSIBLE OR LIABLE FOR ERRORS OR NEGLIGENT ACTS OF OMISSIONS OF ANY CONTRACTOR, SUBCONTRACTOR, OR ANY OF THE CONTRACTORS' OR SUBCONTRACTORS' EMPLOYEES OR AGENTS OR ANY OTHER PERSONS (EXCLUDING ENGINEER'S OWN EMPLOYEES) AT THE CONSTRUCTION SITE OR OTHERWISE PERFORMING ANY OF THE PROJECT WORK. CONTRACTORS, SUBCONTRACTORS, AND ENGINEERS WILL BE RESPONSIBLE FOR THEIR OWN SAFETY PROGRAM. NEITHER THE PROFESSIONAL ACTION OF THE ENGINEER, NOR THE PRESENCE OF THE ENGINEER OR HIS OR HER EMPLOYEES AND SUBCONSULTANTS AT THE CONSTRUCTION SITE SHALL RELIEVE ANY CONTRACTOR OF HIS OR HER OBLIGATIONS, DUTIES, AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES, OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING, OR COORDINATING ALL PORTIONS OF THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. THE ENGINEER AND HIS OR HER PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH ANY HEALTH OR SAFETY PRECAUTIONS.

5. THE CONTRACTOR SHALL PROVIDE ADVANCED NOTICE TO THE ENGINEER TO SCHEDULE A WALK THROUGH OF THE CONSTRUCTION SITE WITH A REPRESENTATIVE FROM TALMAN CONSULTANTS. A WALK THROUGH MUST BE SCHEDULED AND COMPLETED PRIOR TO ANY WORK TAKING PLACE WITHIN THE LIMITS OF THIS PROJECT.

GENERAL NOTES:

1. WORK WILL NOT BE STARTED PRIOR TO PERMIT ACQUISITION. ANY INFORMATION REQUIRED BY THE CITY OF HAMMOND SHALL BE PROVIDED BY THE CONTRACTOR TO SECURE ALL PERMITS.

2. COPIES OF THE PLANS WILL BE SENT TO THE CITY OF HAMMOND FOR COMMENTS AND EVALUATION. ANY UTILITY CONFLICTS SHALL BE RESOLVED PRIOR TO OBTAINING PERMITS.

3. EXISTING RIGHT-OF-WAY SHALL BE VERIFIED TO ENSURE THAT NO WORK WILL TAKE PLACE WITHIN PRIVATE PROPERTY. ALL WORK WITHIN PRIVATE PROPERTY MUST BE FORMALLY APPROVED BY THE LAND OWNER.

4. THESE DRAWINGS SHALL NOT BE SCALED AND SHALL BE TAKEN FOR GENERAL INFORMATION ONLY. THE SCALE SHOWN ON THE SHEETS IS FOR THE ORIGINAL DOCUMENT SIZE ONLY.

5. AGENCIES HAVING JURISDICTION OVER PROPOSED WORK SHALL GOVERN THE REQUIREMENTS OF THE CONTRACTOR AND ALL WORK SHALL BE COORDINATED WITH OTHER PROJECTS IN THE AREA PRIOR TO AND DURING THE PROPOSED INSTALLATION.

6. CONTRACTOR SHALL COORDINATE PROPOSED WORK WITH ALL PRIVATE AND PUBLIC UTILITIES AS WELL AS STATE AND CITY AGENCIES.

WORK:

1. EQUIPMENT AND MATERIALS CANNOT BE STORED IN THE PUBLIC ROADWAY UNLESS WRITTEN PERMISSION IS OBTAINED FROM THE CITY, STATE, OR GOVERNING BODY WHERE WORK IS TO BE PERFORMED.

2. THE CONTRACTOR SHALL SAW CUT AND MARK THE PROPOSED UTILITY DIMENSIONS ON THE SURFACE PRIOR TO EXCAVATION.

3. THE CONTRACTOR SHALL EXCAVATE 3 ADDITIONAL INCHES AROUND THE PROPOSED STRUCTURES AND UTILITIES.

4. WHEN FINAL BASE ELEVATION IS ACHIEVED, THE CONTRACTOR SHALL INSTALL A 6" CONCRETE MUDSLAB AT THE BASE OF THE EXCAVATION ON THE SAME DAY UNLESS AN ALTERNATIVE DESIGN HAS BEEN PROVIDED BY A LICENSED, STRUCTURAL ENGINEER.

5. ALL EXCAVATIONS SHALL BE THOROUGHLY INSPECTED BY THE CONTRACTOR PRIOR TO PLACING PROPOSED UTILITIES. ALL EXISTING AND NEWLY INSTALLED UTILITIES SHALL BE INSPECTED PRIOR TO SHORING OR BACKFILLING THE EXCAVATED AREA.

6. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING AND REVIEWING ANY SHORING SYSTEMS BEFORE CONSTRUCTION.

7. THE CONTRACTOR IS TO ASSUME THAT ALL EXISTING CABLES ARE ENERGIZED AND SHALL BE SUPPORTED IN A WAY THAT NO PART OF THE CABLE IS STRESSED.

8. IF NECESSARY, THE CONTRACTOR IS TO PROVIDE ENGINEERED DE-WATERING MEASURES TO ENSURE THAT THE GROUNDWATER TABLE REMAINS AT AN ELEVATION BELOW THE EXCAVATION BASE AS WELL AS DURING BACKFILLING OPERATIONS AND REPAIR WORK.

9. TALMAN CONSULTANTS SHALL BE NOTIFIED WHEN NEWLY INSTALLED DUCT PACKAGE DEPTH BELOW THE SURFACE IS GREATER THAN THAT SHOWN IN THE PROFILE DRAWING.

10. TALMAN CONSULTANTS SHALL BE NOTIFIED WHEN THE CONTRACTOR IS UNABLE TO OBTAIN THE NECESSARY VERTICAL OR HORIZONTAL CLEARANCE FROM EXISTING UTILITIES, SO THAT THE APPROPRIATE OWNER'S REPRESENTATIVE CAN BE NOTIFIED AND A VARIANCE CAN BE REQUESTED.

MATERIALS:

1. ALL INSTALLED MATERIALS WITHIN THE PROJECT AREA SHALL BE IN CONFORMANCE WITH STANDARD RECOMMENDATIONS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) AND THE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION.

2. TRENCHING - CONDUIT, COUPLINGS, AND ELBOWS SHALL BE SCHEDULE 40 PVC UNLESS OTHERWISE NOTED IN THE PLAN SET.

3. BORING - CONDUIT SHALL BE HDPE SDR-11 UNLESS NOTED OTHERWISE IN THE PLAN SET.

4. CONSTRUCTION MATERIALS ARE TO BE STORED IN AN ORGANIZED MANNER AS TO NOT DISRUPT PEDESTRIANS, OTHER WORKERS, OR CONTRACTORS WORKING UNDER DIFFERENT PERMITS.

SAFETY:

1. ALL NECESSARY SAFETY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT UTILITIES, WORKERS, PEDESTRIANS, AND VEHICULAR TRAFFIC. PROTECTION SUCH AS TEMPORARY FENCES AND BARRICADES SHALL BE PROVIDED BY THE CONTRACTOR TO PROTECT THE PUBLIC AND PROPERTY DURING ALL PHASES OF CONSTRUCTION.

2. UNFINISHED SURFACE AND OPEN TRENCH LOCATIONS SHALL BE PROTECTED BY DEVICES SUCH AS SIGNAGE, WARNING LIGHTS, TEMPORARY BARRICADES, STEEL PLATES, AND OTHER PROTECTIVE EQUIPMENT 24 HOURS A DAY UNTIL SURFACE IS RESTORED.

3. AS NOTED IN THE TRAFFIC PLANS, ENTRANCES TO BUILDINGS, CROSSWALKS, AND GARAGES ARE TO BE MAINTAINED BY THE CONTRACTOR WITH THE USE OF WOODEN ADA RAMPS WHERE NECESSARY. THE GENERAL PUBLIC SHALL BE DIVERTED AWAY FROM THE CONSTRUCTION WORK AREA USING WOODEN PASSAGEWAYS WHERE NECESSARY, INSTALLED AND DESIGNED BY THE CONTRACTOR.

EXISTING UTILITIES:

1. THE CONTRACTOR SHALL CONTACT THE CITY OF HAMMOND AT (219) 853-6300 AT LEAST 2 WORKING DAYS PRIOR TO CONSTRUCTION TO PROVIDE THE NAME AND NUMBER OF THE PROJECT SUPERINTENDENT IN CASE OF A SEWER EMERGENCY.

2. EXISTING CONDITIONS, UTILITIES, AND STRUCTURES SHOWN IN THE PLAN SET ARE BASED ON UTILITY ATLASES AND DRAWINGS BY THE UTILITY COMPANIES AND ARE ASSUMED TO BE CORRECT AND ACCURATE. A SURVEY SHALL BE PERFORMED BY THE CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND STRUCTURES IN THE WORK AREA PRIOR TO THE START OF ANY WORK.

3. TEST HOLES SHALL BE PERFORMED BY THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES WHERE NECESSARY. OVERHEAD OBSTRUCTION LOCATIONS SHALL ALSO BE VERIFIED PRIOR TO WORK COMMENCING.

4. JULIE SHALL BE CONTACTED BY THE CONTRACTOR 48 BUSINESS HOURS IN ADVANCE OF CONSTRUCTION AT 811 TO MARK OUT EXISTING UTILITIES NEAR THE PROPOSED EXCAVATION. LOCATIONS OF EXISTING UTILITIES SHOWN IN THE DRAWINGS ARE APPROXIMATE AND MAY NOT ACCURATELY REPRESENT THE EXISTING FIELD CONDITIONS.

5. EXCAVATION WORK NEAR EXISTING UTILITIES AND STRUCTURES SHALL BE DONE BY HAND.

6. ALL MAJOR DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE PLAN SET SHALL BE BROUGHT TO THE ATTENTION OF TALMAN CONSULTANTS BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

7. AS INSTALLATION PROGRESSES, THE CONTRACTOR SHALL PREPARE RED-LINE DRAWINGS THAT SHOW THE LOCATION AND ELEVATION OF THE PROPOSED INSTALLATION AND ALL EXISTING UTILITIES ENCOUNTERED. UPON COMPLETING THE WORK, THESE RED-LINES SHALL BE SENT TO TALMAN CONSULTANTS.

8. A 4' HORIZONTAL AND 2' VERTICAL CLEARANCE MUST BE MAINTAINED BETWEEN THE NEW UTILITY AND EXISTING SEWER LINES AND STRUCTURES.

9. A SEWER INSPECTOR IS REQUIRED TO BE PRESENT WHERE WORK ON A SEWER IS BEING PERFORMED. IF THERE IS INTERFERENCE WITH A SEWER DRAIN FROM A HOME, THE SEWER SERVICE SHALL BE REPLACED IN KIND.

10. WATER MAINS GREATER THAN 12" IN DIAMETER SHALL BE SUPPORTED BY THE CONTRACTOR WITH A PERMANENT STRUCTURE UNLESS OTHERWISE NOTIFIED BY THE WATER DEPARTMENT, AND SHALL BE INCLUDED IN THE OVERALL COST FOR PERFORMING THE SCOPE OF WORK. WATER MAINS SHALL NEVER GO UNSUPPORTED FOR SPANS GREATER THAN 8'.

11. COMED SHALL BE NOTIFIED BY THE CONTRACTOR WHEN STEEL PIPE CONDUCTOR IS DAMAGED DURING AN EXCAVATION AND COMED WILL EVALUATE THE DAMAGE TO DETERMINE IF REPAIR IS NECESSARY PRIOR TO RESTORATION.

12. LOCATIONS OF EXISTING UTILITIES SHOWN IN DRAWINGS ARE APPROXIMATE AND MAY NOT ACCURATELY REPRESENT THE EXISTING FIELD CONDITIONS.

RESTORATION:

1. CONTRACTOR TO OBTAIN ALL PERMITS AND PAY ALL FEES FOR RESTORATION.

2. CONTRACTOR SHALL BREAK OUT PAVEMENT, SIDEWALK, DRIVEWAY, PARKWAY, CURB AND GUTTER, AND RESTORE TO LASTING CONDITION. CONTRACTOR TO MATCH EXISTING PAVEMENT JOINTS AND COLOR, TEXTURE, AND FINISH OF SIDEWALKS, CURB, AND GUTTER.

3. ROADWAYS AFFECTED BY THE EXCAVATION SHALL BE RESTORED BASED ON LOCAL GOVERNING AGENCY'S SPECIFICATIONS FOR "REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE ROADWAY." REPLACEMENT OF EXCAVATED SURFACE AND SURROUNDING AREA SHALL BE DETERMINED BY THE CONTRACTOR, LOCAL GOVERNING AGENCY, OR PRIVATE PROPERTY OWNER.

4. RESTORATION OF THE AREA AROUND THE PROPOSED INSTALLATION INCLUDES BUT IS NOT LIMITED TO: CONCRETE, BLACK DIRT, SOD, SHRUBS, TREES, BACKFILL, ASPHALT PRIMER, STREET CONCRETE BASE, HOT ROLLED ASPHALT, DRIVEWAY, SIDEWALK, CURB AND GUTTER, ADA RAMPS, AND REINSTALLATION OF SIGNS, TRAFFIC SIGNALS, MAILBOXES, METERS, CITY LIGHTS, TRAFFIC SIGNAL BOXES, BENCHES, CANOPIES, AND PLANTERS.

5. A PERMIT SHALL BE OBTAINED BY THE CONTRACTOR TO PAVE THE STREET AND/OR SIDEWALK IN THE CONTRACTOR'S NAME. PAVING SHALL BE COMPLETED BY THE CONTRACTOR WITHIN 15 WORKING DAYS OF THE EXCAVATION BACKFILL UNLESS OTHERWISE ARRANGED WITH THE GOVERNING AGENCY IN ADVANCE.

6. ALL DAMAGED UTILITIES AND STRUCTURES ARE TO BE RESTORED BY THE CONTRACTOR TO THE SATISFACTION OF THE CORRESPONDING OWNER'S REPRESENTATIVE.

REV: 02/07/19

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE

GENERAL NOTES

FILE NAME/SEGMENT ID

AST-UG-041

JOB TITLE

AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION:
HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	N.T.S.

PROJECT NUMBER	OUC NUMBER
AST-23-9043	N/A

REVISIONS

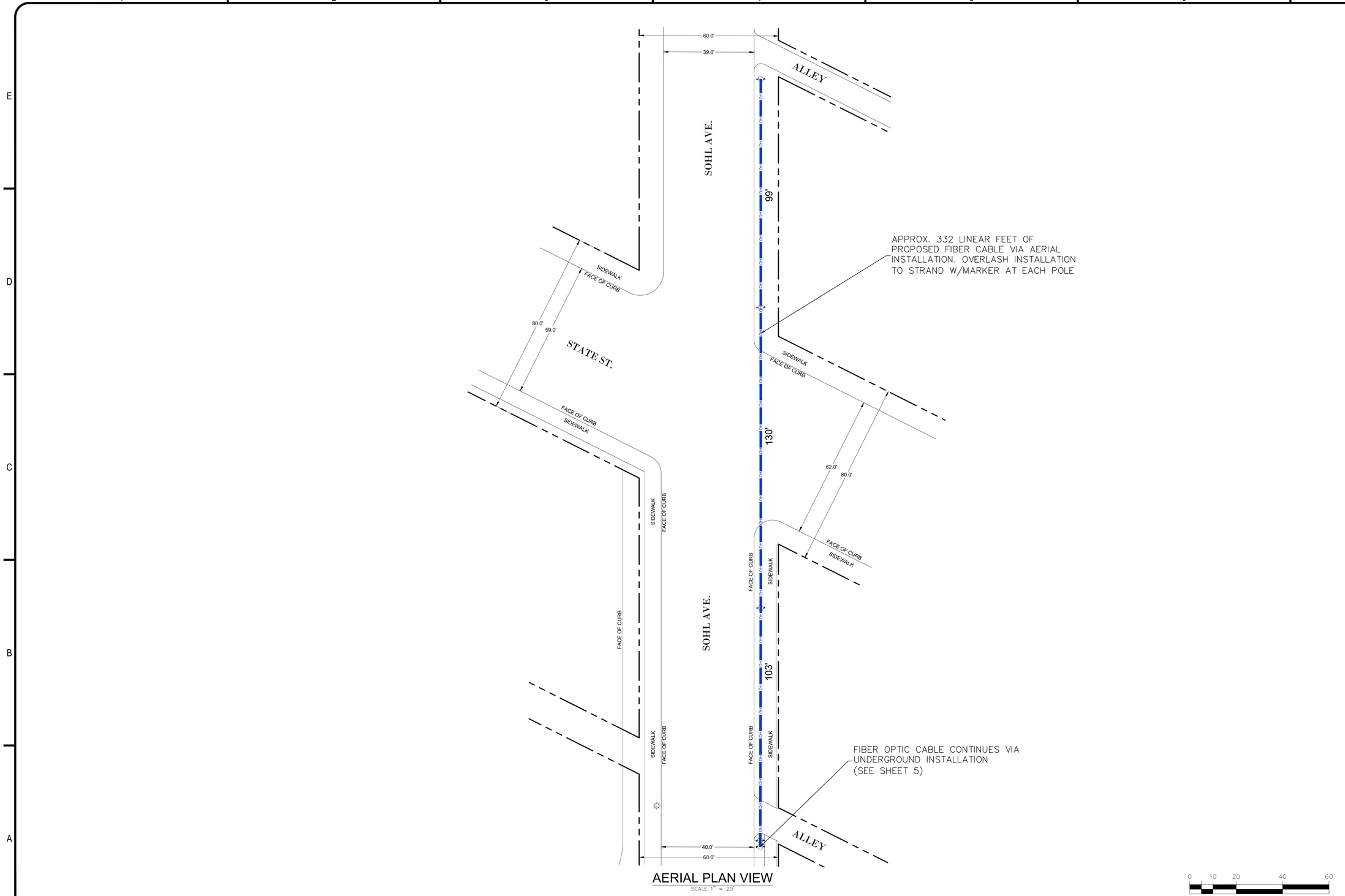
REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

SHEET: 3 OF 8

TALMAN CONSULTANTS

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS



AERIAL PLAN VIEW

SCALE 1" = 20'

0 10 20 40 60

1 INCH = 20 FT

N

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE

AERIAL PLAN VIEW

FILE NAME/SEGMENT ID

AST-UG-041

JOB TITLE

AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION:
HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	AS SHOWN
PROJECT NUMBER		OUC NUMBER
AST-23-9043		N/A

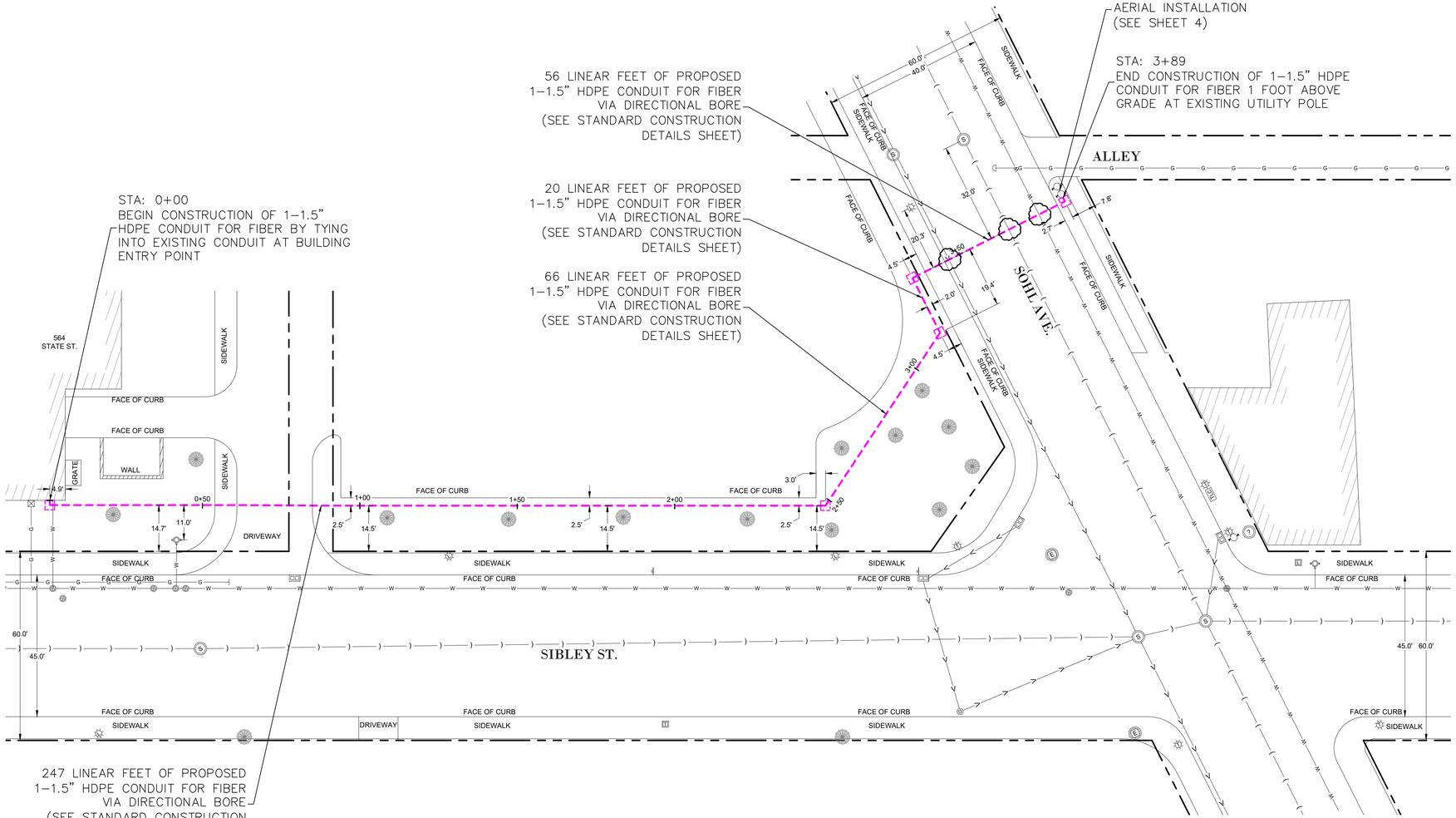
REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

SHEET: 4 OF 8

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS



PLAN VIEW

SCALE 1" = 20'

PROPERTY OWNERS SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF INSTALLATION.

USE EXTREME CAUTION WHEN EXCAVATING / DIGGING NEAR EXISTING UTILITIES.

CONTRACTOR TO TEST HOLE AND VERIFY EXISTING UTILITY LOCATION & DEPTH VIA VACUUM EXCAVATION OR HAND DIG METHOD, WHEN BORING CONSTRUCTION METHOD IS BEING PERFORMED.

PROPOSED BORE PIT LOCATION CONTRACTOR TO DETERMINE EXACT LOCATION IN FIELD.

SEE STANDARD CONSTRUCTION DETAILS SHEET FOR TYPICAL TREE BORE WITHIN THE DRIP LINE.

ALL TEMPORARY OPEN HOLES, INCLUDING BORE AND RECEIVING PITS, SHALL BE BARRICADED AND PROTECTED IN ACCORDANCE WITH APPLICABLE STANDARDS. APPROPRIATE EROSION CONTROL MEASURES SHOULD BE INSTALLED AROUND STOCKPILES OR ANY SUSCEPTIBLE TO EROSION.

MISSING EXISTING UTILITY LINES:
ENGINEER WAS UNABLE TO OBTAIN LOCATION INFORMATION PRIOR TO SUBMITTING FOR CONSTRUCTION PERMIT. CONTRACTOR TO CALL JULIE PRIOR TO STARTING CONSTRUCTION AND WILL TEST HOLE AND VERIFY EXISTING UTILITY LOCATION & DEPTH WHERE PROPOSED CONDUIT WILL BE CROSSING EXITING UTILITY.

0 10 20 40 60

1 INCH = 20 FT

Indiana 811 Know what's below. Call before you dig.

OWNER: Astound Broadband Powered by RCN

DEVELOPER

ENGINEER: TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE: PROJECT PLAN VIEW

FILE NAME/SEGMENT ID: AST-UG-041

JOB TITLE: AERIAL FIBER CABLE & CONDUIT INSTALLATION 564 STATE ST. JURISDICTION: HAMMOND, INDIANA

PROJECT MANAGER: RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	AS SHOWN
PROJECT NUMBER		OUC NUMBER
AST-23-9043		N/A

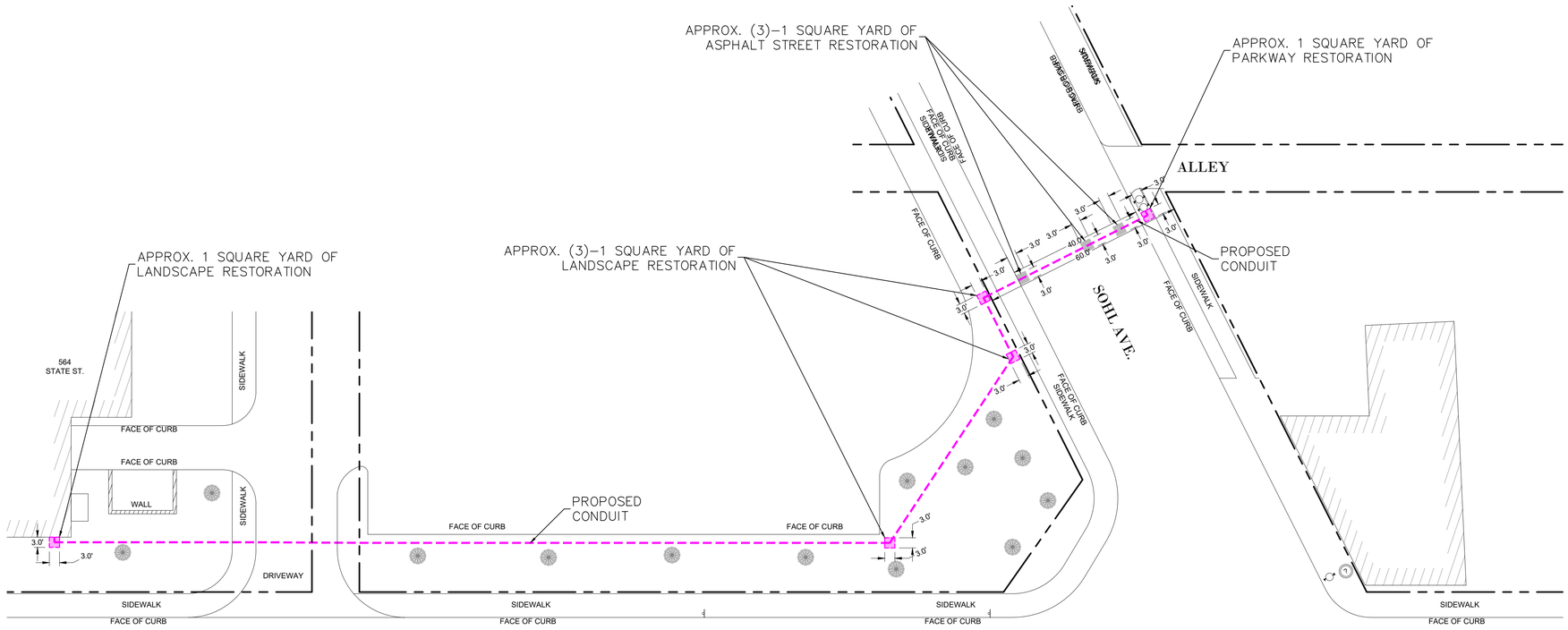
REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

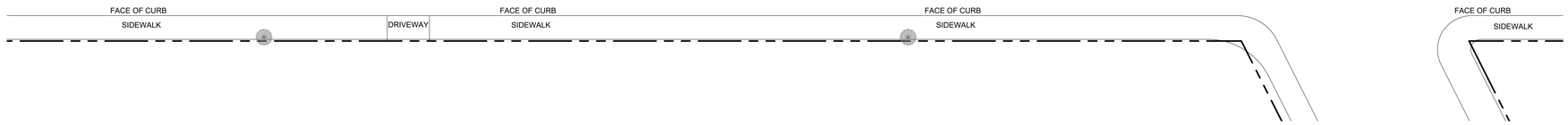
SHEET: 5 OF 8

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS



SIBLEY ST.



RESTORATION PLAN VIEW

SCALE 1" = 20'

NOTE:
ALL DISTURBED AREAS MUST BE RESTORED TO LIKE OR BETTER CONDITION WITHIN 30 DAYS OF CONSTRUCTION.

RESTORATION LEGEND AND SUMMARY

- RESTORATION BY OTHERS:
- CONCRETE SIDEWALK RESTORATION: 00 SY
- ASPHALT STREET RESTORATION: 00 SY
- CONCRETE STREET RESTORATION: 00 SY
- ASPHALT ALLEY RESTORATION: 00 SY
- CONCRETE ALLEY RESTORATION: 00 SY
- CONCRETE ALLEY APRON RESTORATION: 00 SY
- CONCRETE DRIVEWAY RESTORATION: 00 SY
- PARKWAY RESTORATION: 00 SY
- CURB AND GUTTER RESTORATION: 00 LF

0 10 20 40 60

1 INCH = 20 FT

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE

RESTORATION PLAN VIEW

FILE NAME/SEGMENT ID

AST-UG-041

JOB TITLE

AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION: HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN

DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	AS SHOWN

PROJECT NUMBER	OUC NUMBER
AST-23-9043	N/A

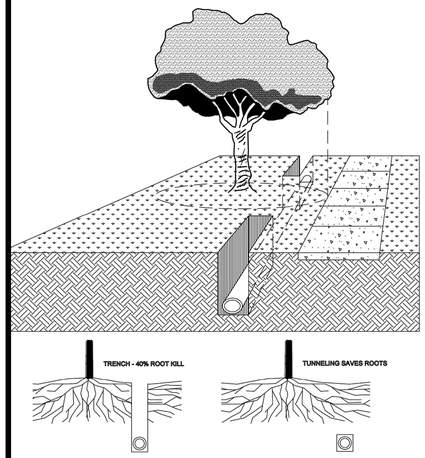
REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

SHEET: 6 OF 8

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

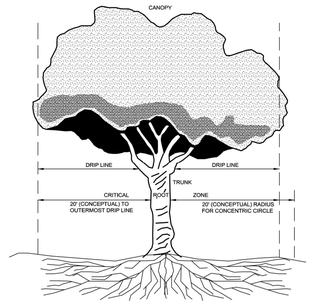
DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS



BORING:
Boring of utilities under protected trees shall be required in those circumstances where it is not possible to trench around the critical root zone of protected trees. When required, the length of the bore shall be the width of the critical root zone at a minimum and shall be a minimum depth of 48 inches.

TYPICAL TREE BORING AND TUNNELING

NO SCALE



CRITICAL ROOT ZONE:
The area of undisturbed natural soil around a tree defined by a concentric circle with a radius to the distance from the tree trunk to the outermost portion of the drip line.

DRIP LINE:
A vertical line run through the outermost portion of the canopy of a tree and extending to the ground.

CRITICAL ROOT ZONE AREA

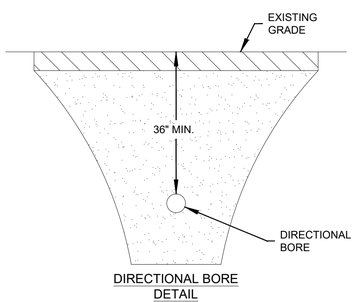
NO SCALE

The following activities are prohibited within the limits of the critical root zone of any protected tree subject to the provisions of the Tree Preservation Ordinance. The following procedures shall be followed on all types of construction projects (including residential, commercial, and municipal / public domain projects).

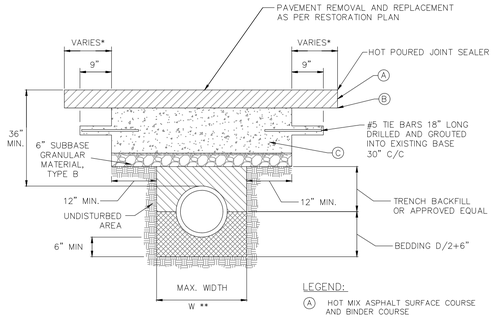
1. Material Storage: No storage or placement of materials intended for use in construction or waste materials accumulated due to excavation or demolition shall be placed within the limits of the critical root zone of any protected tree.
2. Equipment Cleaning/Liquid Disposal: No equipment shall be cleaned or other liquids, including, without limitation, paint, oil, solvents, asphalt, concrete, mortar or similar materials deposited or allowed to flow into the critical root zone of a protected tree.
3. Tree Attachments: No signs, wires or other attachments, other than those of a protective nature, shall be attached to any protected tree.
4. Vehicular Traffic: No vehicular and/or construction equipment traffic or parking shall take place within the critical root zone of any protected tree other than on existing street pavement. This restriction does not apply to single incident access within the critical root zone for purposes of establishing the building pad and associated lot grading, vehicular traffic necessary for routine utility maintenance, emergency restoration of utility service, or routine mowing operations.
5. Grade Changes: No grade changes shall be allowed within the limits of the critical root zone of any protected tree unless adequate protective construction methods are approved in advance in writing by the Administrative Official.
6. Impervious Paving: No paving with asphalt, concrete or other impervious materials shall be placed within the limits of the critical root zone of a protected tree except as otherwise allowed in this Ordinance.
7. No heavy equipment, including but not limited to trucks, tractors, trailers, bulldozers, bobcat tractors, trenchers, compressors, and hoists, shall be allowed inside the drip-line of any protected tree on any construction site without prior written approval of the Administrative Official.
8. Root Pruning: All roots two inches or larger in diameter which are exposed as a result of trenching or other excavation shall be cut off square with a sharp medium tooth saw and covered with pruning compound within two hours of initial exposure.

STANDARD CONSTRUCTION DETAILS
TREE PROTECTION

TREE PROTECTION DETAILS



DIRECTIONAL BORE DETAIL



LEGEND:
- (A) HOT MIX ASPHALT SURFACE COURSE AND BINDER COURSE
- (B) BITUMINOUS MATERIAL & AGGREGATE (PRIME COAT)
- (C) PCC BASE COURSE

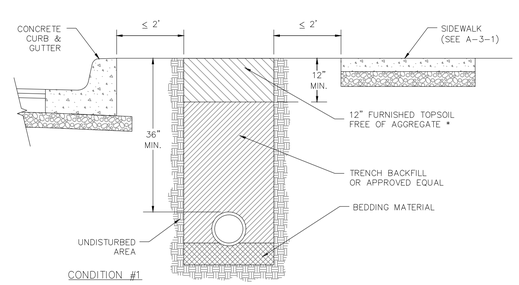
* PAVEMENT SHALL BE REMOVED & REPAVED TO NEAREST CONSTRUCTION JOINT IF TRENCH EDGE IS 5' OR LESS FROM JOINT. (OR AS REQUIRED BY THE COMMISSIONER)

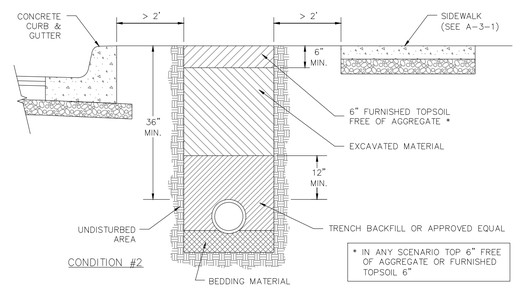
** W = 9" + O.D. +9", WHEN TRENCH DEPTH ≤ 5 FT.
W = 18" + O.D. + 18", WHEN TRENCH DEPTH > 5 FT.

NOTES:

1. THE PORTLAND CEMENT CONCRETE BASE SHALL BE 8" OR MORE (SEE SECTION 4.2b FOR REQUIRED THICKNESS). FOR CONCRETE STREETS THE CONCRETE SHALL BE BROUGHT TO GRADE (INCLUDING 1'-0" OVERLAP) AND FINISHED AS REQUIRED IN THE IDOT SSRBC.
2. ALL EXISTING PAVEMENTS SHALL BE SAW CUT 1'-0" ON BOTH SIDES OF THE TRENCH OR PAVEMENT OPENING. UNDER NO CIRCUMSTANCES SHOULD EXISTING PAVEMENT, WHICH HAS BEEN UNDERMINED OR OTHERWISE DISTURBED, BE LEFT IN PLACE AND NOT RESTORED.
3. ALL STREET PAVEMENT WILL REQUIRE PLACEMENT OF #5 TIE BARS, 18 INCHES LONG DRILLED AND GROUTED (NON SHRINK) AT 30" CENTERS ON ALL SIDES. A MINIMUM OF TWO TIE BARS WILL BE REQUIRED ON EACH SIDE OF SAW CUT BOUNDARIES.
4. ALL TIE BARS AND DOWEL BARS ARE TO BE EPOXY COATED (INCIDENTAL).

STREET PAVEMENT RESTORATION DETAIL WITH TRENCH BACKFILL
A-2-2A
REV 2





PARKWAY RESTORATION DETAIL
SHEET A-2-2D
REV 0

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE
STANDARD CONSTRUCTION DETAILS

FILE NAME/SEGMENT ID
AST-UG-041

JOB TITLE
AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION: HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	N.T.S.
PROJECT NUMBER		OUC NUMBER
AST-23-9043		N/A

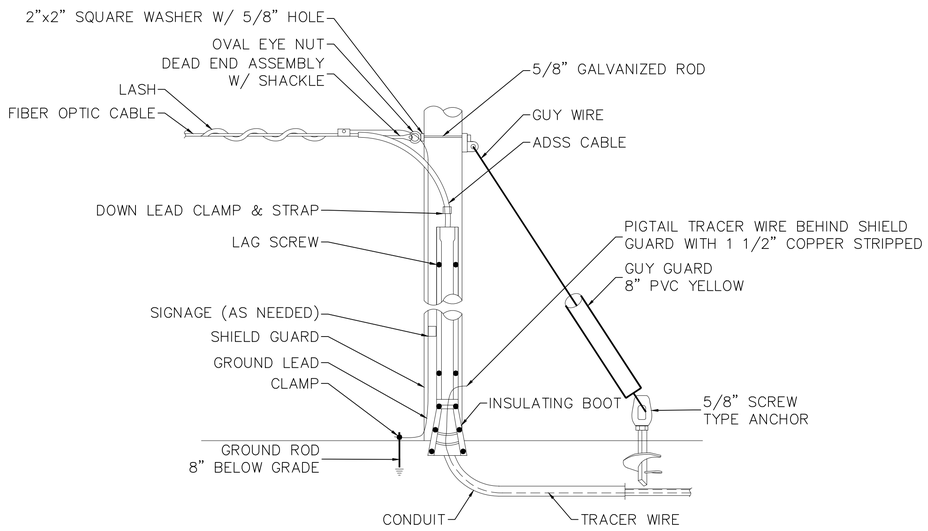
REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

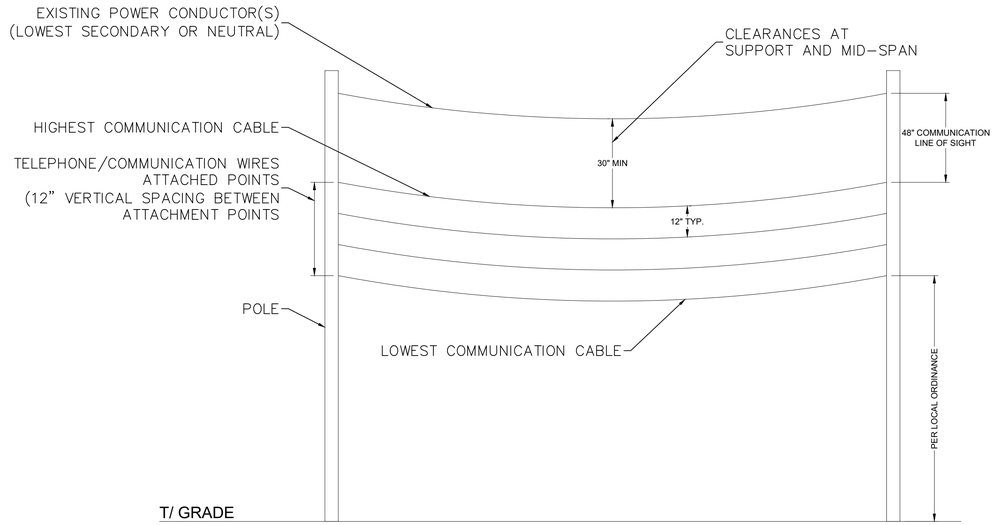
SHEET: 7 OF 8

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

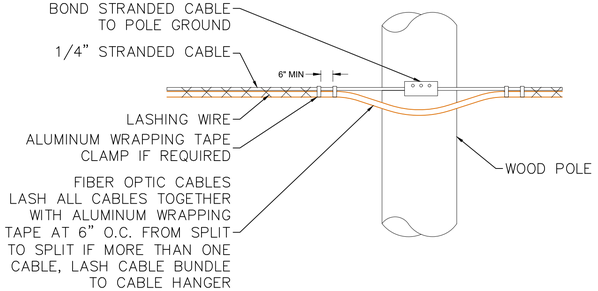
DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS



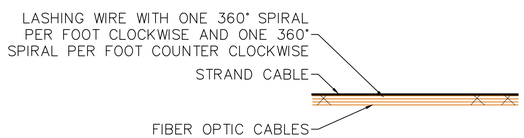
TRANSITION OF FIBER FROM UTILITY POLE



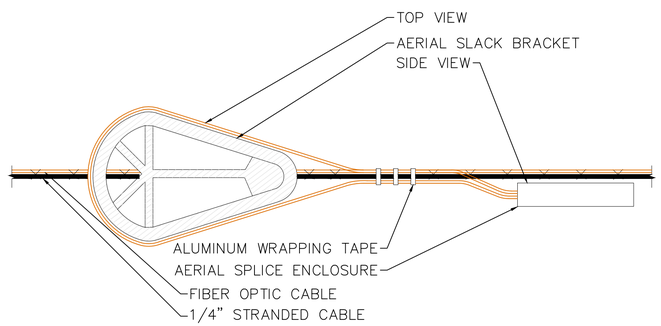
MIN. VERTICAL CLEARANCE OF COMM. CABLES



TYPICAL CABLE CONTINUATION-SAME MESSENGER



TYPICAL CABLE LASHING DETAIL



AERIAL SLACK BRACKETS SHALL BE USED AT ALL AERIAL SPLICE LOCATIONS

ALL CABLES SHALL ENTER SPLICE CLOSER AT SAME END

AERIAL SPLICE DETAIL

1. STRAND CONSTRUCTION SHALL CONFORM TO MATERIAL CONTAINED IN THE NATIONAL ELECTRIC SAFETY CODE (NESC), INCLUDING SECTION 25, ALONG WITH RELEVANT NEC, OSHA, AND UTILITY RULES AND STANDARDS. ALL DESIGN SHALL INSURE THE APPROPRIATE STORM-LOAD DISTRICTS ARE USED AS DEFINED BY THE NESC.
2. STRAND SHALL BE A MINIMUM OF 6.6M EHS (CLASS A GALVANIZED) OR STRONGER AS REQUIRED BY THE NESC OR CONTROLLING STANDARDS.
3. STRAND SHALL BE SAGGED AND TENSIONED IN ACCORDANCE WITH APPROPRIATE CODE, UTILITY AGREEMENTS, AND STANDARD INDUSTRY ACCEPTED PRACTICES. ALL DOWN GUYS SHALL HAVE A MINIMUM OF 8 FT OF YELLOW DOWN GUY MARKER INSTALLED ON THE DOWN GUY STRAND.
4. ALL ANCHORS SHALL BE SCREW TYPE ANCHORS, AND PLACEMENT, SIZE, AND DETAILS OF THE ANCHORS SHALL BE DOCUMENTED ON THE DESIGN DRAWINGS. ANCHOR SPACING MUST BE PER POWER COMPANY STANDARDS.
5. ALL RISERS SHALL BE PROTECTED WITH A PVC U-GUARD FROM 1 FOOT BELOW GRADE TO A MINIMUM OF 8 FEET ABOVE GRADE.
6. ALL AERIAL HARDWARE SHALL BE GALVANIZED STEEL.
7. GROUNDING OF THE STRAND AND ASSOCIATED CABLE SHALL BE PER POWER COMPANY STANDARDS, AND SHALL CONFORM TO GROUNDING STANDARDS OUTLINED WITHIN THE NESC, NEC, AND RELEVANT UTILITY STANDARDS.
8. ALL STRAND INSTALLATION SHALL BE IN ACCORDANCE WITH THE UTILITY LICENSE GRANTED TO THE CLIENT FOR THE PLACEMENT OF STRAND, INCLUDING ATTACHMENT LOCATION, GUYING, AND GROUNDING.

NOTES

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE

STANDARD CONSTRUCTION DETAILS

FILE NAME/SEGMENT ID

AST-UG-041

JOB TITLE

AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION:
HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	N.T.S.

PROJECT NUMBER	OUC NUMBER
AST-23-9043	N/A

REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

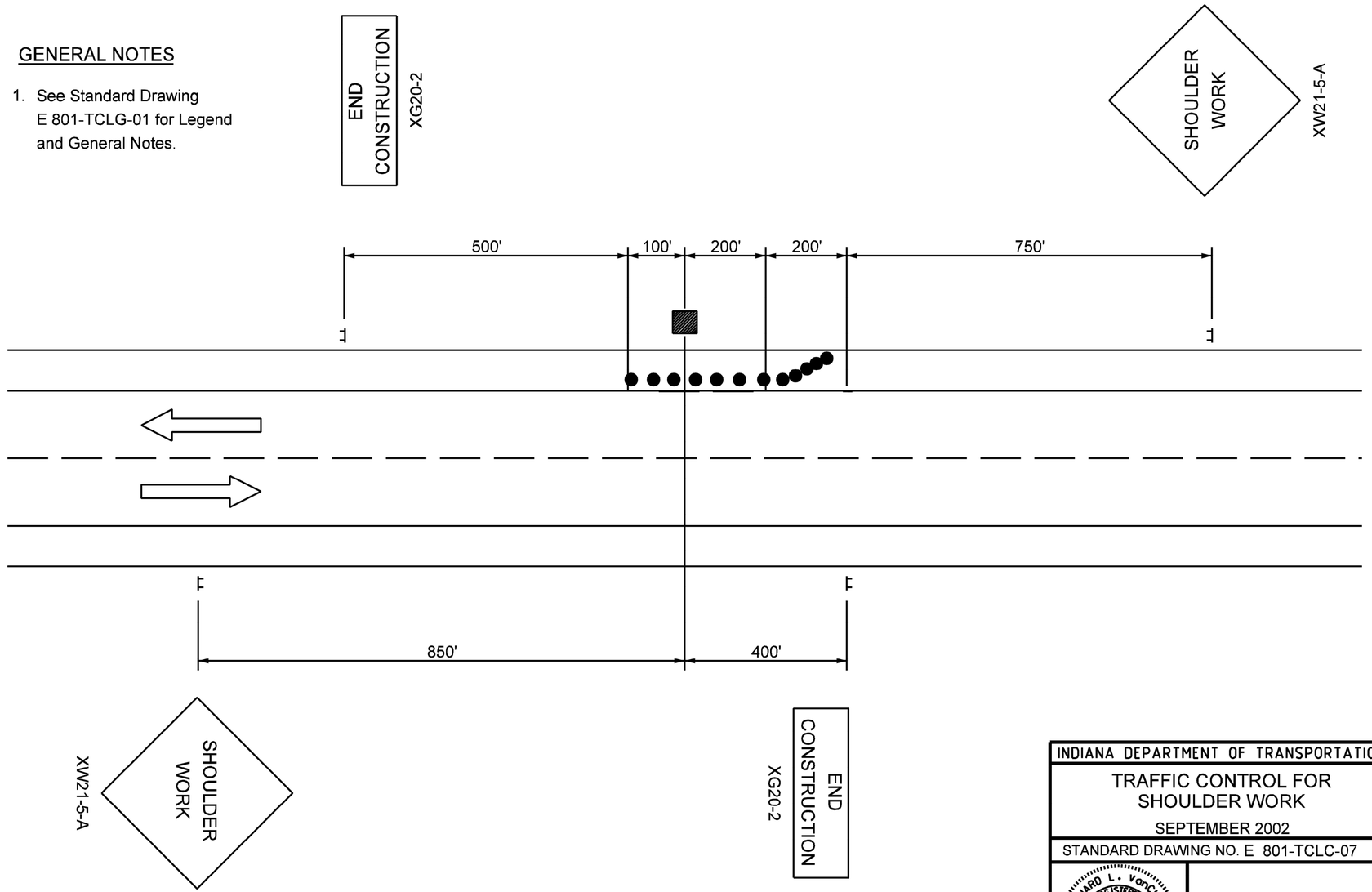
SHEET: 8 OF 8

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS

GENERAL NOTES

1. See Standard Drawing E 801-TCLG-01 for Legend and General Notes.



2 LANE 2 WAY HIGHWAY

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL FOR SHOULDER WORK

SEPTEMBER 2002

STANDARD DRAWING NO. E 801-TCLC-07

RICHARD L. VanCLEAVE REGISTERED NO. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L VanCleave 9-03-02
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-03-02
CHIEF HIGHWAY ENGINEER DATE

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE

TRAFFIC CONTROL PLAN SHOULDER WORK

FILE NAME/SEGMENT ID

AST-UG-041

JOB TITLE

AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION:
HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	N.T.S.
PROJECT NUMBER		OUC NUMBER
AST-23-9043		N/A

REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

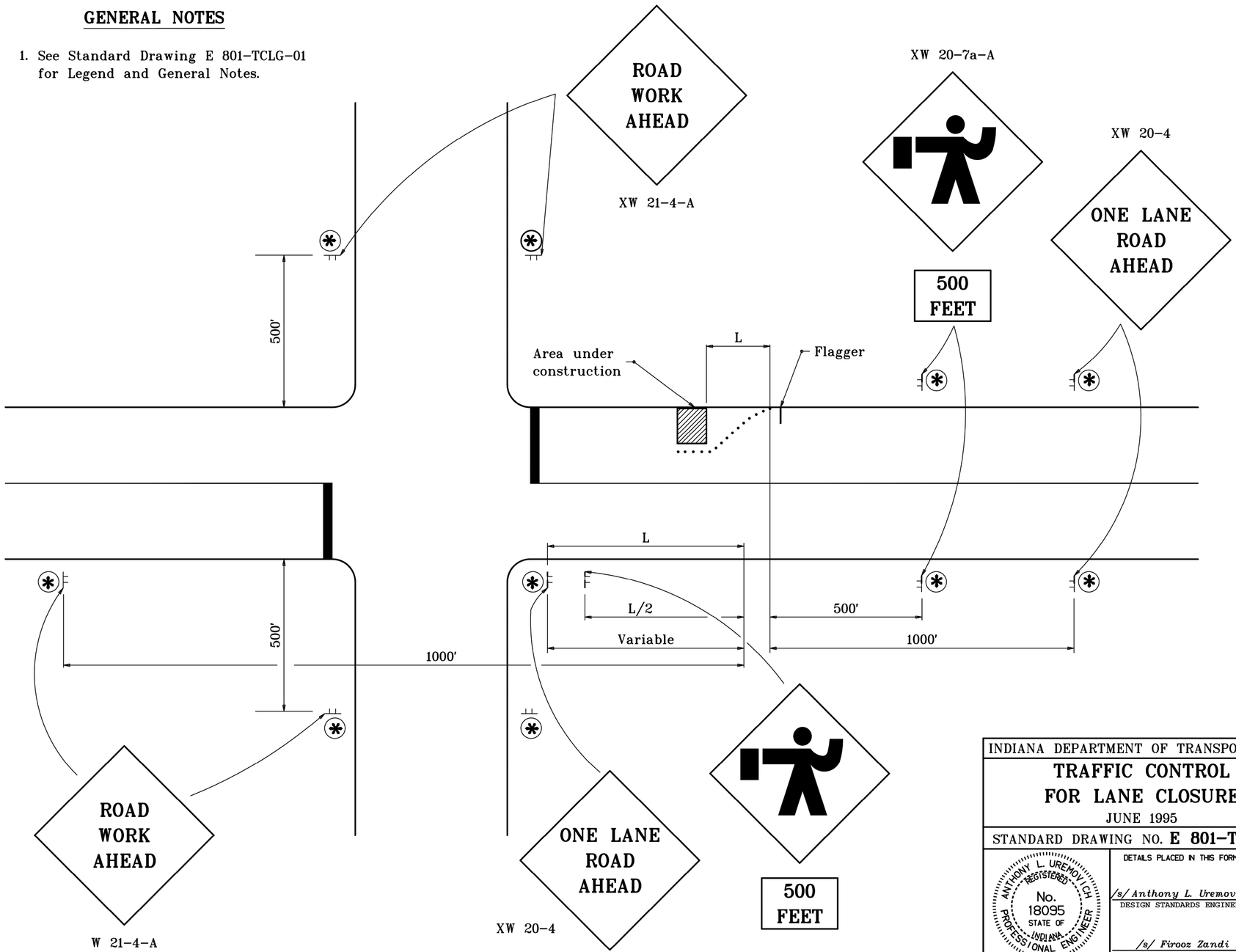
SHEET: TCP-01 OF TCP-03

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS

GENERAL NOTES

1. See Standard Drawing E 801-TCLG-01 for Legend and General Notes.



INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL FOR LANE CLOSURE

JUNE 1995

STANDARD DRAWING NO. **E 801-TCLC-08**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE

ORIGINALLY APPROVED 7-03-95

OWNER

Astound Broadband Powered by RCN

DEVELOPER

ENGINEER

TALMAN CONSULTANTS
LICENSE NO. 184.007393-0002

CONTRACTOR

NOTES

SHEET TITLE

TRAFFIC CONTROL PLAN LANE CLOSURE

FILE NAME/SEGMENT ID

AST-UG-041

JOB TITLE

AERIAL FIBER CABLE & CONDUIT INSTALLATION
564 STATE ST.
JURISDICTION: HAMMOND, INDIANA

PROJECT MANAGER
RICHARD REYNOSO

CREATED	CHECKED	APPROVED
RL	RR	JDN
DATE CREATED	PAPER SIZE	SCALE
03/02/2023	22" X 34"	N.T.S.
PROJECT NUMBER		OUC NUMBER
AST-23-9043		N/A

REVISIONS

REV.	DATE	DESCRIPTION	BY
1	03/24/23	FOR REVIEW	RL
2			
3			
4			
5			
6			
7			
8			
9			
10			

SHEET: TCP-02 OF TCP-03

NOTICE: THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF TALMAN CONSULTANTS LLC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.

DRAWINGS PLOTTED FULL SCALE ON 22X34 SHEETS
DRAWINGS PLOTTED HALF SCALE ON 11X17 SHEETS