

SURVEY CONTROL DATA

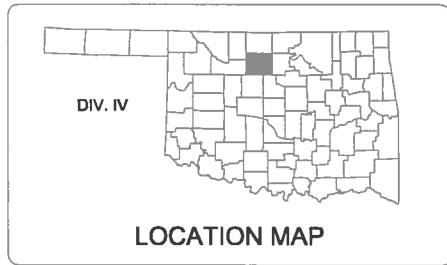
SEE SURVEY DATA SHEETS

**DESIGN DATA
W. CHESTNUT AVE.**

AADT (TWO-WAY) 2017 = 7,160
 AADT (TWO-WAY) 2037 = 13,720
 K (DHV/ADT TWO WAY) = 8.2%
 D = 61.5%
 T (% of ADT) = 2%
 T₃ (% OF ADT) = 1%
 FLEX ESALS(22 YEAR) = 0.60 M
 V = 40 MPH

**DESIGN DATA
N. CLEVELAND ST.**

AADT (TWO-WAY) 2017 = 10,990
 AADT (TWO-WAY) 2037 = 21,520
 K (DHV/ADT TWO WAY) = 8.7%
 D = 52%
 T (% of ADT) = 2%
 T₃ (% OF ADT) = 1%
 FLEX ESALS(22 YEAR) = 0.86 M
 V = 35 MPH



SCALES

PLAN 1"=30'
 PROFILE HOR. 1"=30'
 PROFILE VER. 1"=5'
 LAYOUT 1"=1000'

CONVENTIONAL SYMBOLS

- PROPOSED ROADS
- SECTION LINES
- QUARTER SECTION LINES
- FENCES
- EXISTING GRADE
- EXISTING ROADS
- BASE LINE
- PROPOSED GRADE
- COMMUNICATION LINES (EXISTING)
- POWER LINES (EXISTING)
- OVERHEAD POWER LINES (EXISTING)
- POWER UNDER GROUND LINES (EXISTING)
- GAS LINE (EXISTING)
- SANITARY SEWER LINES (EXISTING)
- STORM SEWER LINES (EXISTING)
- WATER LINES (EXISTING)
- FIBER OPTIC LINES (EXISTING)
- COMMUNICATION LINES (PROPOSED)
- POWER LINES (PROPOSED)
- POWER LINES (PROPOSED)
- GAS LINE (PROPOSED)
- SANITARY SEWER LINES (PROPOSED)
- STORM SEWER LINES (PROPOSED)
- WATER LINES (PROPOSED)
- FIBER OPTIC LINES (PROPOSED)
- BUILDINGS
- DRAINAGE STRUCTURES (EXISTING)
- DRAINAGE STRUCTURES (PROPOSED)
- RIGHT-OF-WAY LINES (EXISTING)
- RIGHT-OF-WAY LINES (PROPOSED)
- RIGHT-OF-WAY FENCE
- FLOWLINE (EXISTING)
- FLOWLINE (PROPOSED)
- TOE OF SLOPE (EXISTING)
- TOE OF SLOPE (PROPOSED)
- CITY LIMITS
- LANDSCAPE
- RAILROAD

STATE OF OKLAHOMA
 DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
CITY STREET
 PROJECT NO. R-1311A
 INTERSECTION MODIFICATION & TRAFFIC SIGNALS
 ENID : CLEVELAND STREET AT CHESTNUT
CITY OF ENID
GARFIELD COUNTY
 STATE JOB NO. 17020(05) STP-224B(052)UR

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	STATE JOB NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	OKLA	17020(05)	FY0X	1	85
DESCRIPTION				REVISIONS	DATE
ADD NOTE					10-6-17

INDEX OF SHEETS

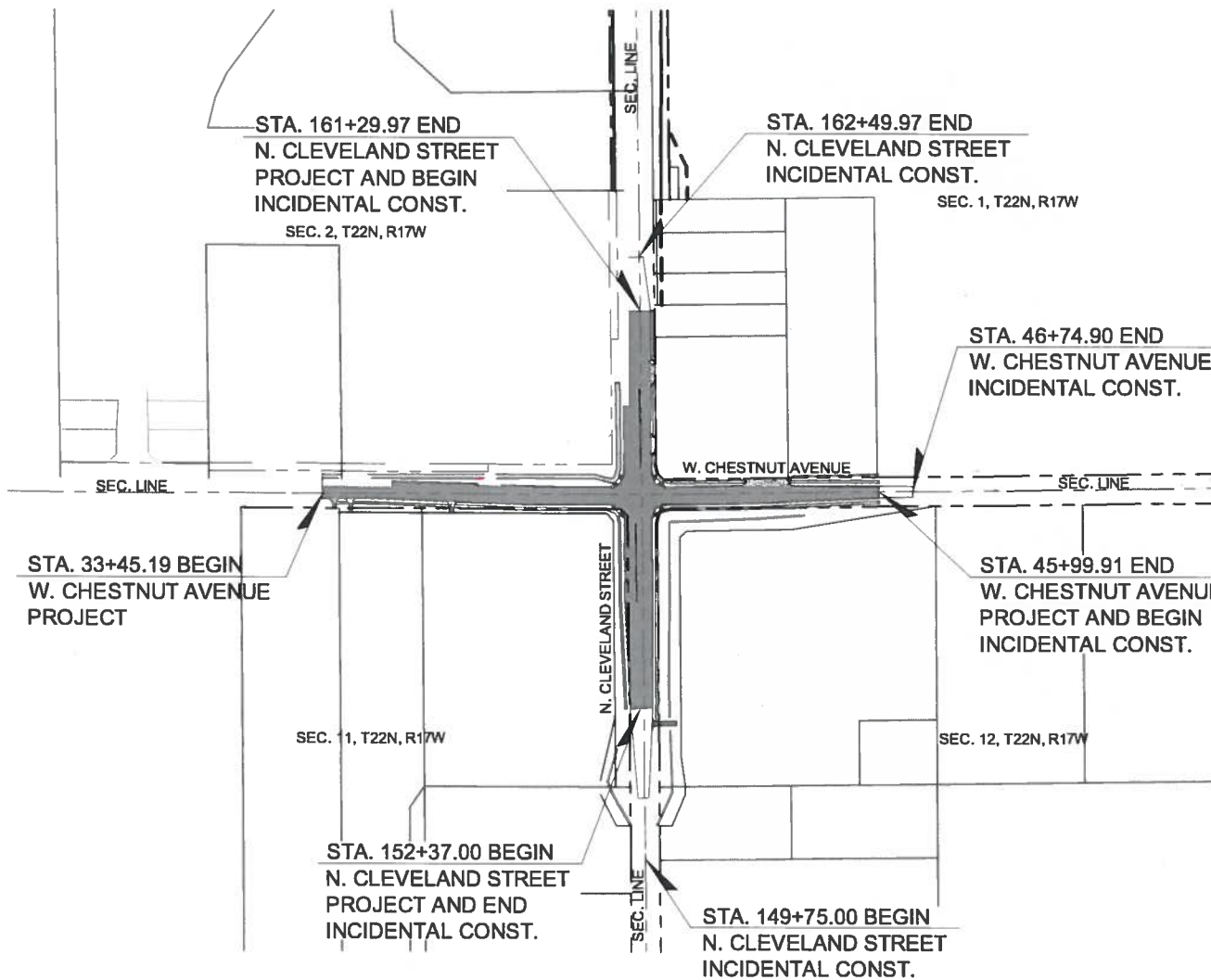
1	TITLE SHEET
2 - 4	TYPICAL SECTIONS
5	SUMMARY OF PAY QUANTITY NOTES (ROADWAY)
6	SUMMARY OF PAY QUANTITY (ROADWAY)
7	SUMMARY OF PAY QUANTITY & NOTES (TRAFFIC CONTROL SIGNING & STRIPING)
8 - 8A	SUMMARY OF PAY QUANTITY & NOTES (TRAFFIC SIGNAL)
9	SUMMARY OF PAY QUANTITY & NOTES (TRAFFIC LIGHTING)
10	SUMMARY SHEET (ROADWAY)
11	SUMMARY SHEET (TRAFFIC)
12	SUMMARY OF DRAINAGE STRUCTURES
13	STORMWATER MANAGEMENT PLAN
14	DRAINAGE MAP
15	GEOMETRIC DATA
SD-1 - SD-11	SURVEY DATA SHEETS
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18 - 20	PLAN & PROFILE - CHESTNUT AVE
21 - 22	PLAN & PROFILE - CLEVELAND ST
23 - 28	TCP - SEQUENCE OF CONSTRUCTION
29 - 30	REMOVAL PLAN
31 - 32	JOINT LAYOUT
33	INTERSECTION DETAIL
34 - 35	SIGNING & STRIPING PLAN
36 - 40	STANDARD DETAILS
T1 - T3	TRAFFIC SIGNAL PLANS
T4 - T6	TRAFFIC LIGHTING PLANS
X1 - X10	CROSS SECTIONS - CHESTNUT AVE
X11 - X18	CROSS SECTIONS - CLEVELAND ST
1 - 13	WATERLINE (W-1406B) "AS-BUILT" DRAWINGS

THE FOLLOWING STANDARD DRAWINGS SHALL BE REQUIRED FOR THIS PROJECT

ROADWAY	BRIDGE	TRAFFIC		
ASCD-5-1	PUD-3-2	RCB-C1-8(2-14)-01E	CCD1-1-00	FGS1-1-00
CI-1-2	SBI-4-2	RCB-E1-H3-0-1-01E	HLD1-1-01	GMS1-1-00
CIG-3-0	SPB-1-3	RCB-E1-H3-0-2-01E	HLD1-2-00	PM1-1-02
CSCD-5-2	SPI-4-0		HLP1-1-00	PM2-1-01
DC-3-2	SSCD-3-1		HLP2-1-00	PM3-1-02
ECM2-3-0	SSIF-4-0		PBD1-1-00	PM6-1-00
FHTCP-3-0	SSS-1-1		PPD1-1-00	RSD1-1-00
LECS-4-1	TSB-2-0		SCD1-1-00	SBS1-1-00
LTU-4-0	TRFD-1-2		SPD1-1-00	SBS2-1-00
MI-3-0	TSC1-3-2		TEWD1-1-01	SBS3-1-00
MFC-4-1	TSC2-3-2		CC1-1-00	SSP1-1-02
MJB-3-1	TSB-2-0		CFD1-1-00	SSA1-1-00
PCES-4-1	TWD-1-0		ID1-1-00	SSA2-1-00
PDT-1-3			ID2-1-00	TCS1-1-01
PSE-1-0			PMAP1-1-00	TCS2-1-00
			PWD1-1-00	TCS3-1-01
			SA1-1-02	TCS4-1-01
			SNS1-1-02	TCS5-1-00
			TSSP1-1-00	TCS6-1-02
			TSSS1-1-00	TCS7-1-02
				WSD1-1-00
				WSD2-1-00
				WSD3-1-00

THE FOLLOWING CITY OF ENID STANDARD DRAWINGS SHALL BE REQUIRED FOR THIS PROJECT:

- STANDARD DRIVEWAY DETAIL
- DD-4 (SHT 2) CONCRETE PIPE CULVERTS CONCRETE END WALLS
- DD-9 (SHT 2) HEADWALLS FOR ELLIPTICAL PIPE
- DD-16 SILT FENCE BARRIER
- DD-17 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT
- DD-19 STORM SEWER PIPE COUPLER
- PS-2 (SHT 1) JOINT DETAILS FOR PORTLAND CEMENT CONCRETE PAVEMENT
- PS-3 MISCELLANEOUS DRAINAGE AND GEOMETRIC DESIGN STANDARDS
- PS-6 CURB RAMPS AND SIDEWALK



PROJECT LENGTH BASED ON CL SURVEY STATIONING

W. CHESTNUT AVENUE ROADWAY LENGTH 1254.72 FT. 0.24 MI.
 N. CLEVELAND STREET ROADWAY LENGTH 892.97 FT. 0.17 MI.

EQUATIONS: STA. 154+75.00 BK. = STA. 154+74.95 AHD.
 STA. 157+62.54 BK. = STA. 157+62.57 AHD.
 EXCEPTIONS: NONE

FINAL PLANS
 04-29-17



THIS PROJECT IS MANDATORILY TIED TO JP# 17020(07).

TETRA TECH PREPARED BY: TETRA TECH
 FOR THE OKLAHOMA DEPARTMENT OF TRANSPORTATION

DATE: 5-1-17 MOHAMED NAZARI-ROBATI, P.E.
 (EXP. 06-30-17) OKLA. REG. NO. 17382

REGISTERED PROFESSIONAL ENGINEER
 MOHAMED NAZARI-ROBATI
 OKLAHOMA

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR
PROJECT NO. 17020(05)	SHEET NO. 1

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION ENGLISH GOVERN. APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, SEPTEMBER 21, 2009. SUPPLEMENTAL SPECIFICATIONS TO THE 2009 STANDARD SPECIFICATIONS TO GOVERN OVER THE STANDARD SPECIFICATIONS.