

SURVEY CONTROL DATA

1. HORIZONTAL / VERTICAL CONTROL:

CONTROL WAS ESTABLISHED USING CONTROL DATA SHEETS (TUL 11, TUL 9, BA 27) PROVIDED BY THE CITY OF BROKEN ARROW. HORIZONTAL DATUM IS BASED ON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM (NORTH ZONE) NAD 83. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. BASIS OF BEARINGS:

BEARINGS ARE BASED ON GRID NORTH (N00°00'00"E) AND DISTANCES ARE GRID DISTANCES.

3. SECTION NUMERICAL DESCRIPTION (S-T-R):

SECTION 11-T18N-R14E OF THE INDIAN MERIDIAN, TULSA COUNTY, OK

DESIGN DATA

CITY OF BROKEN ARROW STREET CLASSIFICATION:
MAJOR RESIDENTIAL STREET
DESIGN SPEED: 30 MPH
POSTED SPEED: 25 MPH

UTILITY CONTACTS

CITY OF BROKEN ARROW, OKLAHOMA
ACTING DIRECTOR OF ENGINEERING & CONSTRUCTION, TOM HENDRIX P.E.
485 N. POPLAR AVE
BROKEN ARROW, OKLAHOMA 74012
(918) 259-7000 EXT. 5414
(918) 259-8453 (FAX)

CITY OF BROKEN ARROW, OKLAHOMA
WATER & SEWER, ANTHONY DANIEL
485 N. POPLAR AVE
BROKEN ARROW, OKLAHOMA 74012
(918) 259-7000 EXT. 7380
(918) 251-3383 (FAX)

CITY OF BROKEN ARROW, OKLAHOMA
STREETS/STORMWATER, STEVE ARANT P.E.
485 N. POPLAR AVE
BROKEN ARROW, OKLAHOMA 74012
(918) 259-7000 X7429
(918) 251-3383 (FAX)

OKLAHOMA NATURAL GAS (GOVT RELOCATIONS)
ATTN: RANDY STALCUP
5854 EAST 15TH STREET
TULSA, OKLAHOMA 74112
(918) 831-8259
(918) 831-8236 (FAX)

COX COMMUNICATIONS
ATTN: GARY HAMILTON
11811 E. 51ST STREET
TULSA, OK 74145
(918) 286-4666
(918) 286-4018 (FAX)

OKLAHOMA NATURAL GAS (EXISTING CONST.)
ATTN: BILL MORGAN
P.O. BOX 871
TULSA, OKLAHOMA 74102
(918) 451-3814
(918) 451-0899 (FAX)

WINDSTREAM COMMUNICATION
ATTN: GEORGE WHITE
2300 SOUTH 1ST PLACE
BROKEN ARROW, OKLAHOMA 74012
(918) 451-3431
(918) 451-1865 (FAX)

AEP / PSO
ATTN: LONNY D. HICKS
5223 S GARNETT ROAD
TULSA, OK 74147
(918) 250-6211
(918) 247-8466 (FAX)

CONVENTIONAL SYMBOLS

---	SECTION LINES
---	PROPERTY LINES
PRES. R/W	RIGHT-OF-WAY - EXISTING
R/W	RIGHT-OF-WAY - PROPOSED
X	FENCES
— —	OVERHEAD ELECTRIC LINES
—T—	OVERHEAD TELEPHONE LINES
—SS—	SANITARY SEWERS
—G—	GAS LINES
—W—	WATER LINES
—TUG—	UNDERGROUND TELEPHONE LINES
—PUG—	UNDERGROUND ELECTRIC
—FO—	FIBER OPTIC
---	PROPOSED ROAD
---	ASPHALT - EXISTING
---	CONCRETE - EXISTING
---	DIRT/GRAVEL - EXISTING
---	CURB - EXISTING
....	FLOWLINE
---	STORM SEWER - EXISTING
---	STORM SEWER - PROPOSED
---730---	EXISTING CONTOUR
---730---	PROPOSED CONTOUR
—●—	WATER SERVICE CONNECTION



CITY OF
BROKEN ARROW
Where opportunity lives

DALLAS STREET IMPROVEMENTS

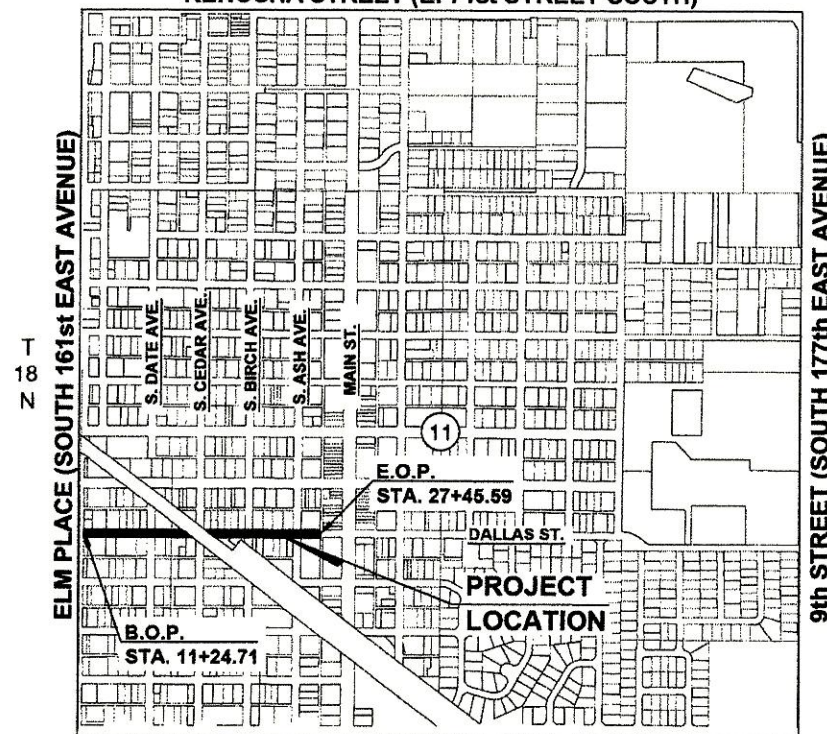
FROM ELM PLACE TO ALLEY EAST OF ASH AVENUE

BROKEN ARROW, OKLAHOMA

PROJECT NUMBER ST1307

R-14-E

KENOSHA STREET (E. 71st STREET SOUTH)



HOUSTON STREET (EAST 81st STREET SOUTH)

PROJECT LENGTH 1,621.9 FT 0.31 MI.

PROJECT EXCEPTION STA. 18+47.52 TO STA. 18+64.43

PROJECT LOCATION SECTION 11, T-18-N, R-14-E, TULSA COUNTY

ENGINEERING & CONSTRUCTION DEPARTMENT

485 NORTH POPLAR AVENUE

P.O. BOX 610, BROKEN ARROW, OK 74013

CITY OF BROKEN ARROW STANDARD CONSTRUCTION SPECIFICATIONS, AUGUST 19, 1999,
SHALL GOVERN ALL CONSTRUCTION AS SUPPLEMENTED BY OKLAHOMA STANDARD
SPECIFICATION FOR HIGHWAY CONSTRUCTION, APPROVED BY THE DEPARTMENT OF
TRANSPORTATION 2009.

BEFORE YOU DIG! CALL OKIE 1-800-522-6543



UTILITIES LOCATION SHOWN ON PLANS WERE
OBTAINED FROM INFORMATION PROVIDED BY UTILITY
SYSTEM OWNER IN CONJUNCTION WITH EXISTING
PHYSICAL FEATURES VISIBLE AT THE TIME OF THE
TOPOGRAPHIC SURVEY. LOCATIONS MUST BE VERIFIED
BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

INDEX OF SHEETS

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CITY OF BROKEN ARROW COUNCIL

MAYOR..... CRAIG THURMOND
VICE MAYOR..... RICHARD CARTER
MEMBER..... JILL NORMAN
MEMBER..... JOHNNIE PARKS
MEMBER..... MIKE LESTER

APPROVED

Thomas M. Moton, Jr. DATE 6/12/14
THOMAS M. MOTON, JR.
CITY MANAGER

RECOMMENDED FOR APPROVAL

Thomas D. Hendrix, P.E. DATE 6/12/14
THOMAS D. HENDRIX, P.E.
ACTING DIRECTOR OF ENGINEERING & CONSTRUCTION

Steve Arant DATE 6/12/14
STEVE ARANT, P.E.
DIRECTOR OF STREETS/STORMWATER

Anthony Daniel DATE 6-12-14
ANTHONY DANIEL
DIRECTOR OF UTILITIES

PREPARED BY

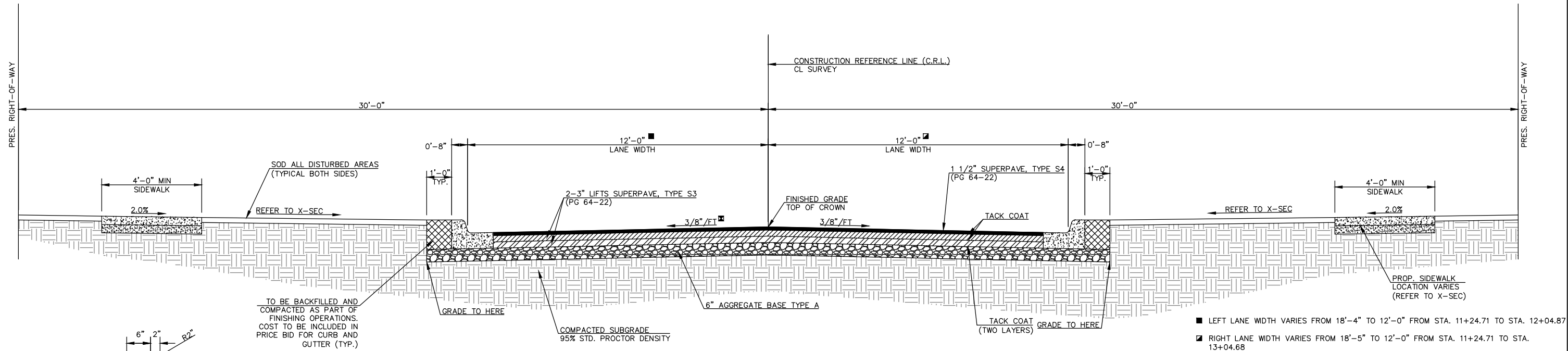


JEFF COWAN, P.E.
ENGINEER OF RECORD



COWAN GROUP ENGINEERING, LLC
437 W. WILSHIRE BLVD., SUITE A
OKLAHOMA CITY, OK 73116
405-463-3369 O 405-463-3381 F
WWW.COWANGROUP.CO
CA# 6414 EXPIRES 6/30/14

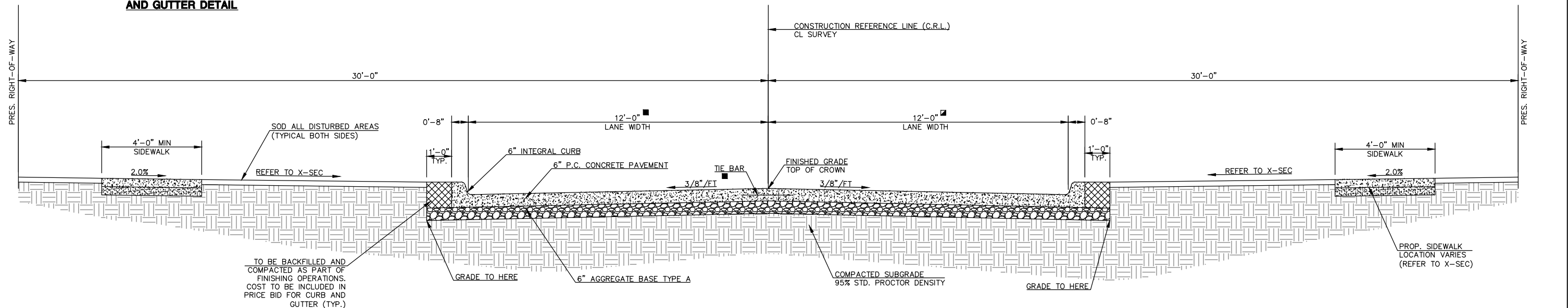
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ALTERNATE NO. 1 - ASPHALT PAVEMENT SECTION

STA. 11+24.71 TO STA. 18+15.73
STA. 18+15.73 TO STA. 18+99.73 (REFER TO INTERSECTION DETAIL, SHEET NO. 11)
STA. 18+99.73 TO STA. 26+43.89

- LEFT LANE WIDTH VARIES FROM 18'-4" TO 12'-0" FROM STA. 11+24.71 TO STA. 12+04.87
- RIGHT LANE WIDTH VARIES FROM 18'-5" TO 12'-0" FROM STA. 11+24.71 TO STA. 13+04.68
- CROSS SLOPE VARIES FROM AN EXISTING 2.3% TOWARDS THE CROWN TO 3/8"/FT AWAY FROM CROWN FROM STA. 11+24.71 TO STA. 13+00.00
- CROSS SLOPE VARIES FROM 3/8"/FT TOWARDS THE CROWN TO 3/8"/FT AWAY FROM CROWN FROM STA. 19+18.69 TO STA. 19+75.95



ALTERNATE NO. 2 - CONCRETE PAVEMENT SECTION

STA. 11+24.71 TO STA. 18+15.73
STA. 18+15.73 TO STA. 18+99.73 (REFER TO INTERSECTION DETAIL, SHEET NO. 11)
STA. 18+99.73 TO STA. 26+43.89

NOTES:
STREET IS CLASSIFIED AS A MAJOR RESIDENTIAL STREET
IN ACCORDANCE WITH CITY CRITERIA

DATE	REVISIONS



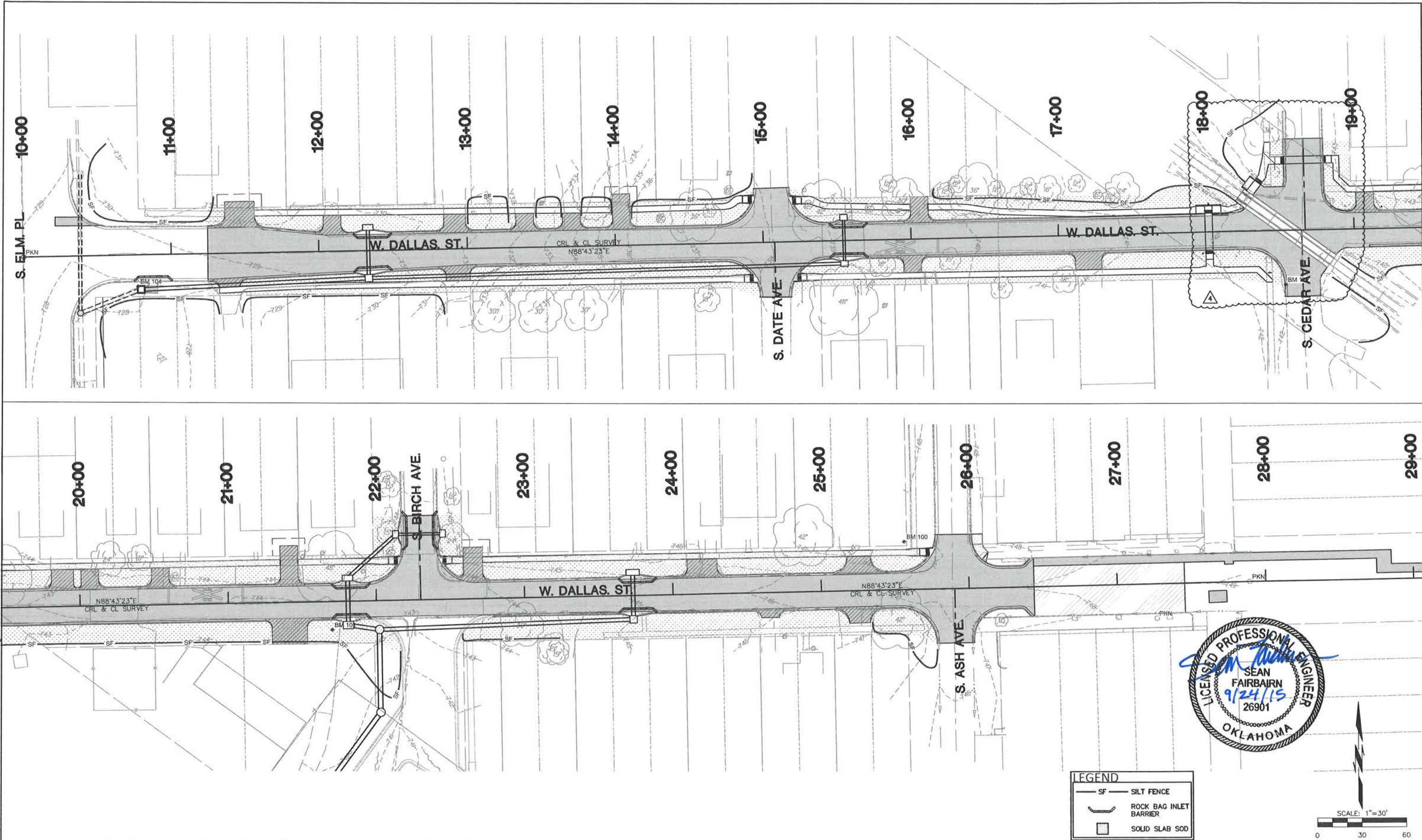
COWAN GROUP ENGINEERING, LLC
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**DALLAS STREET
IMPROVEMENTS**
ELM PL. TO ALLEY EAST OF ASH AVE.

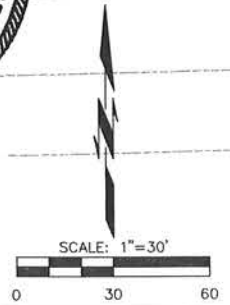
TYPICAL SECTIONS

SCALE:	DESIGN	DATE	DRAFTED	DATE
HORZ. N/A	SKF	05/09/14	MDT	05/09/14
VERT. N/A	REVIEWED	DATE	APPROVED	DATE
DRAWING NAME:	JDC	05/09/14	JDC	05/09/14
----	SHEET 4	OF 25	PROJECT NO.	ST1307

G:\Projects\13-159 BA-Dallas Street\Cad\13-159 EROSION CONTROL.dwg 9/23/2015 - 3:12 PM



LEGEND	
SF	SILT FENCE
	ROCK BAG INLET BARRIER
	SOLID SLAB SOD



DATE	REVISIONS
9/24/15	4 RAILROAD CROSSING ACCESS



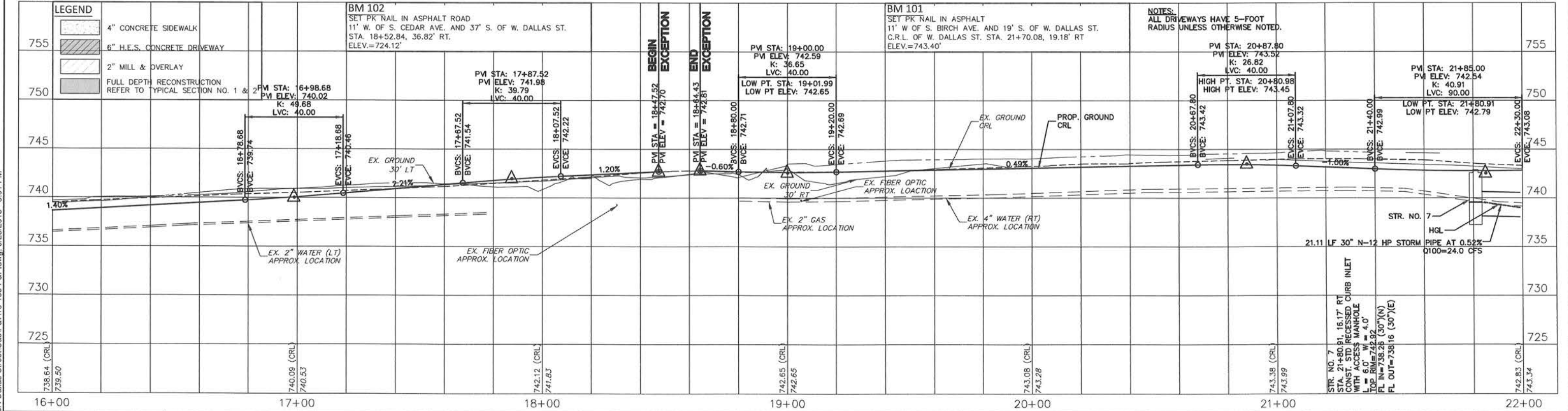
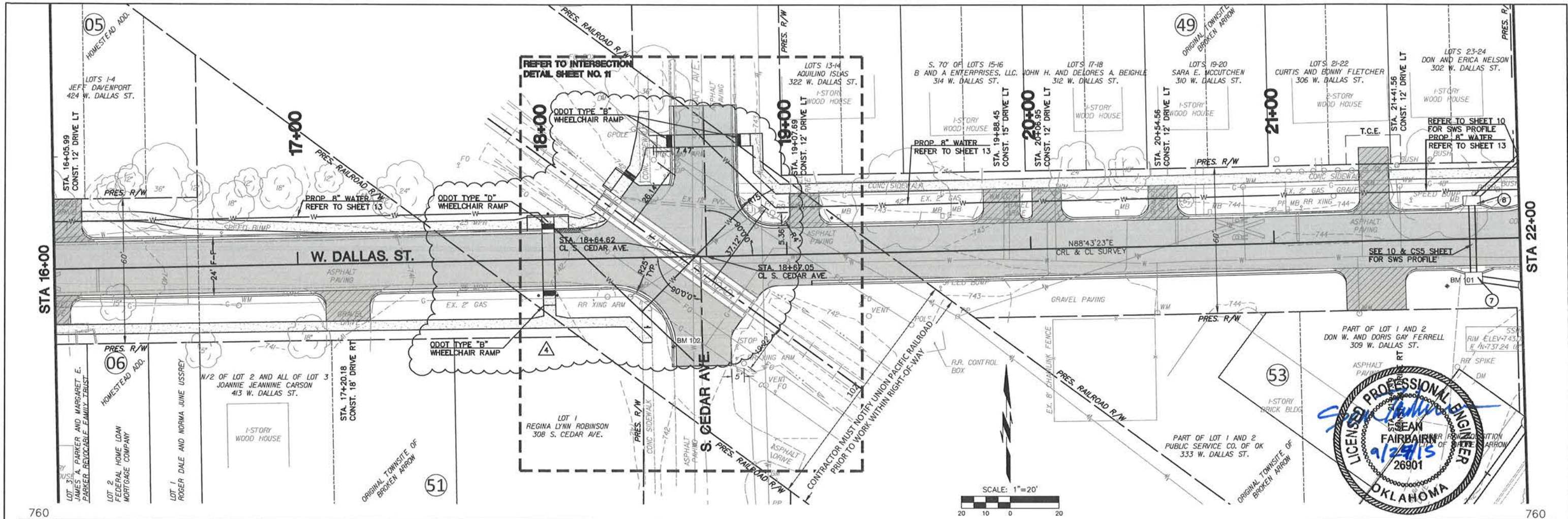


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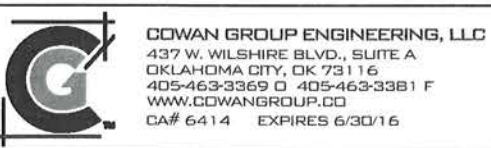
DALLAS STREET IMPROVEMENTS
ELM PL. TO ALLEY EAST OF ASH AVE.

EROSION CONTROL PLAN

SCALE:	DESIGN	DATE	DRAFTED	DATE
HORIZ. 1" = 30'	SKF	05/09/14	MDT	05/09/14
VERT. 1" = 30'	REVIEWED	DATE	APPROVED	DATE
	JDC	05/09/14	JDC	05/09/14
DRAWING NAME:	SHEET	6	PROJECT NO.	
	OF	25	ST1307	



DATE	REVISIONS
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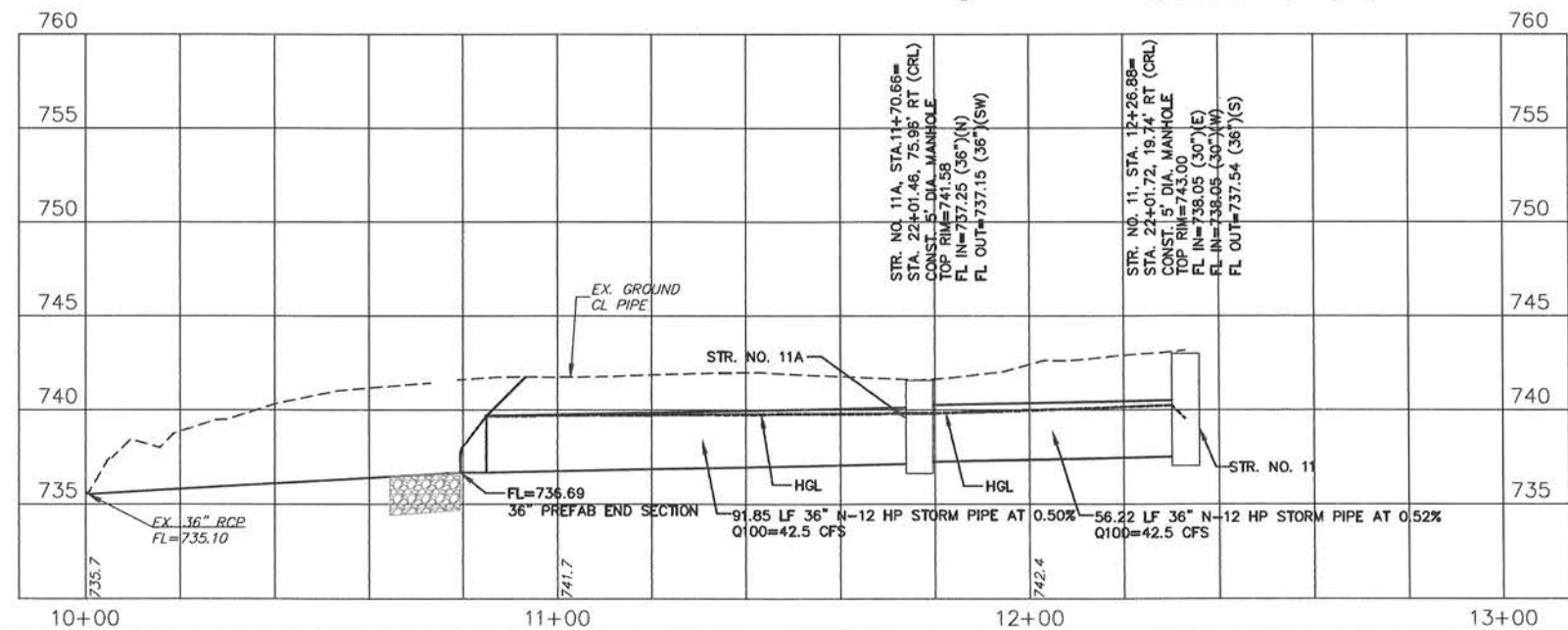
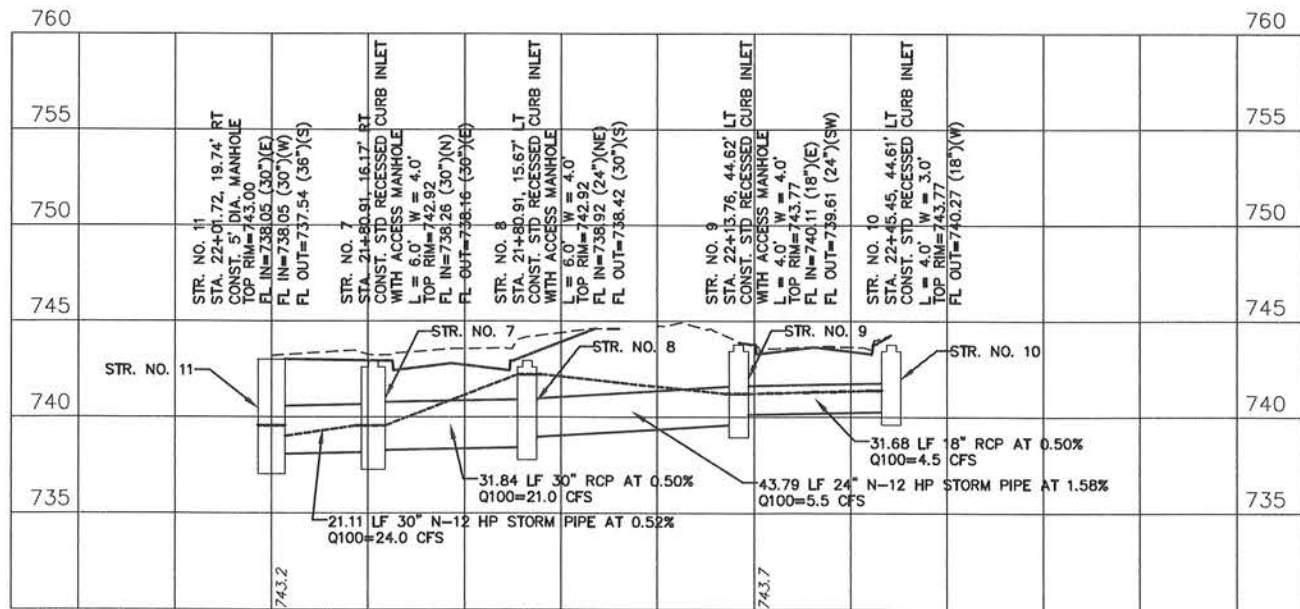
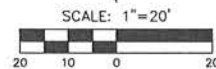
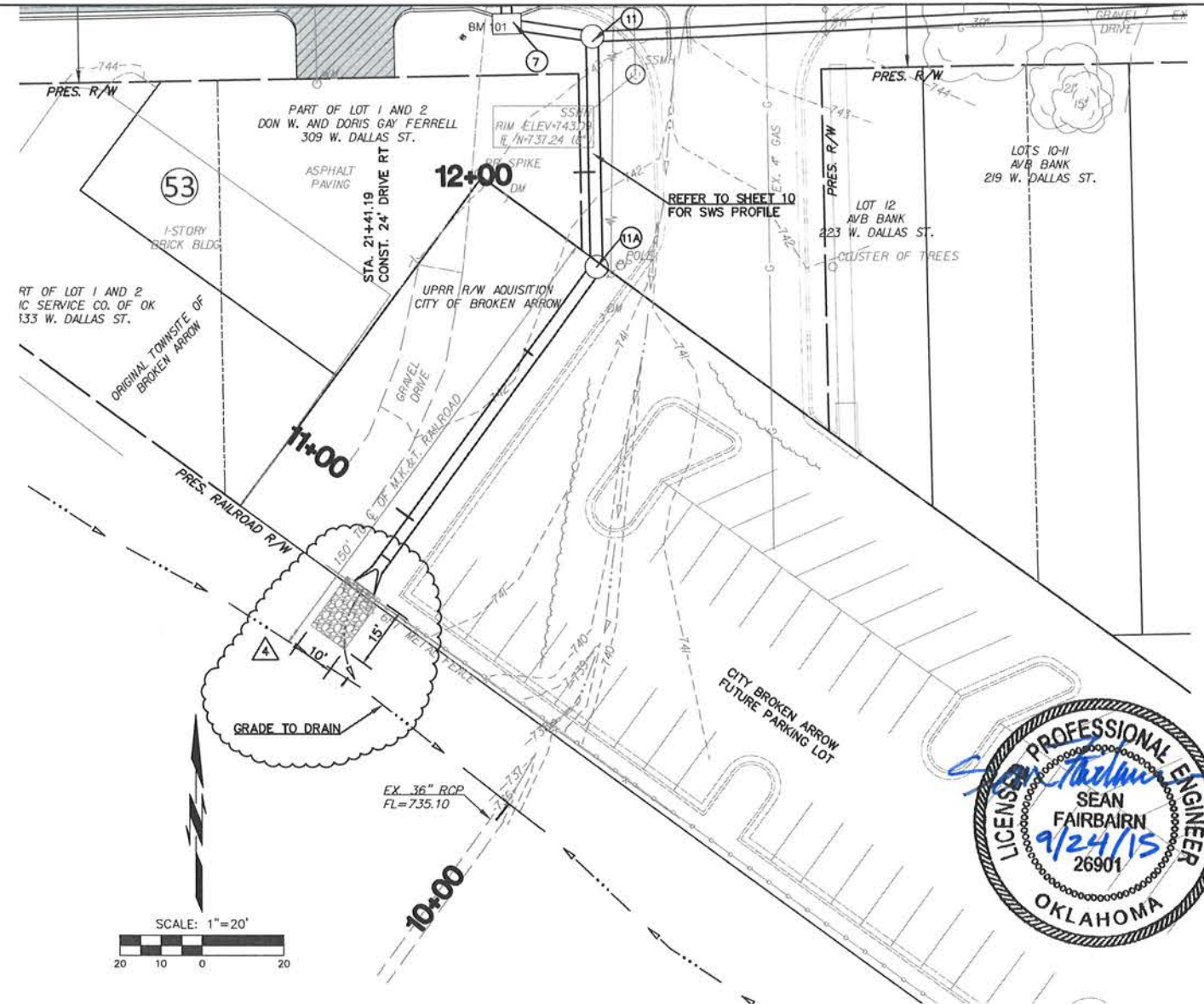
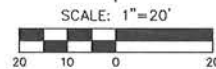
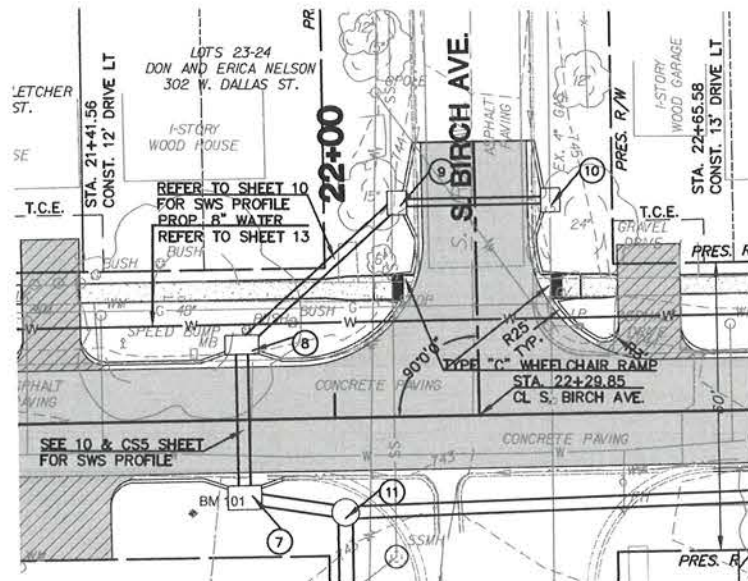


DALLAS STREET IMPROVEMENTS
ELM PL. TO ALLEY EAST OF ASH AVE.

PLAN AND PROFILE
STA. 16+00 TO STA. 22+00

SCALE: HORIZ. 1" = 20' VERT. 1" = 5'	DESIGN SKF 05/09/14	DATE MDT 05/09/14	DRAFTED JDC 05/09/14	DATE JDC 05/09/14
DRAWING NAME: SHEET 8 OF 25	PROJECT NO. ST1307			

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DATE	REVISIONS
9/24/15	4 STORM WATER REVISIONS



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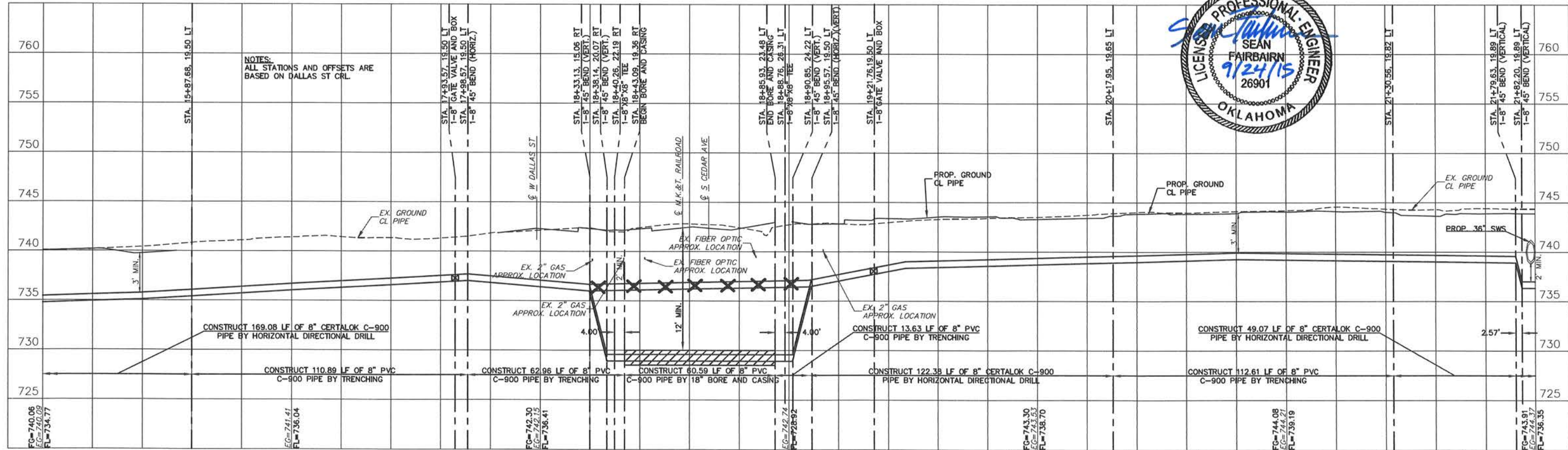
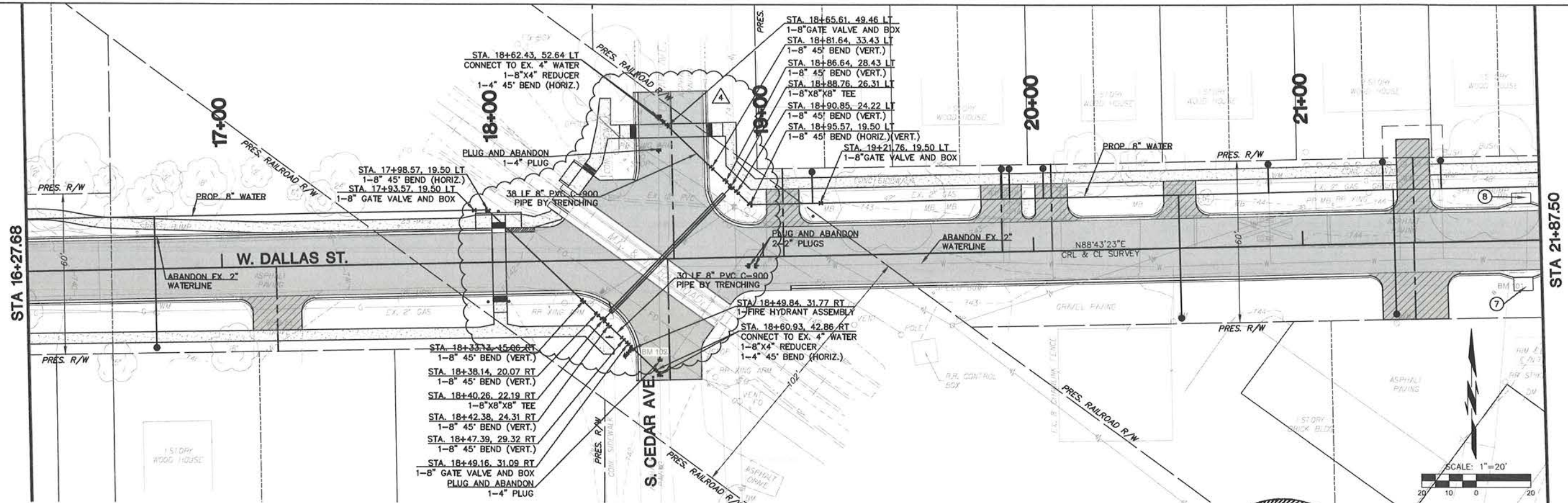
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**DALLAS STREET
IMPROVEMENTS**
ELM PL. TO ALLEY EAST OF ASH AVE.

**STORM WATER SEWER
PLAN AND PROFILES**

SCALE:	DESIGN	DATE	DRAFTED	DATE
HORIZ. 1" = 20'	SKF	05/06/14	MDT	05/09/14
VERT. 1" = 5'	REVIEWED	DATE	APPROVED	DATE
	JDC	05/06/14	JDC	05/09/14
DRAWING NAME:	SHEET	OF	PROJECT NO.	
	10	25	ST1307	

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DATE	REVISIONS
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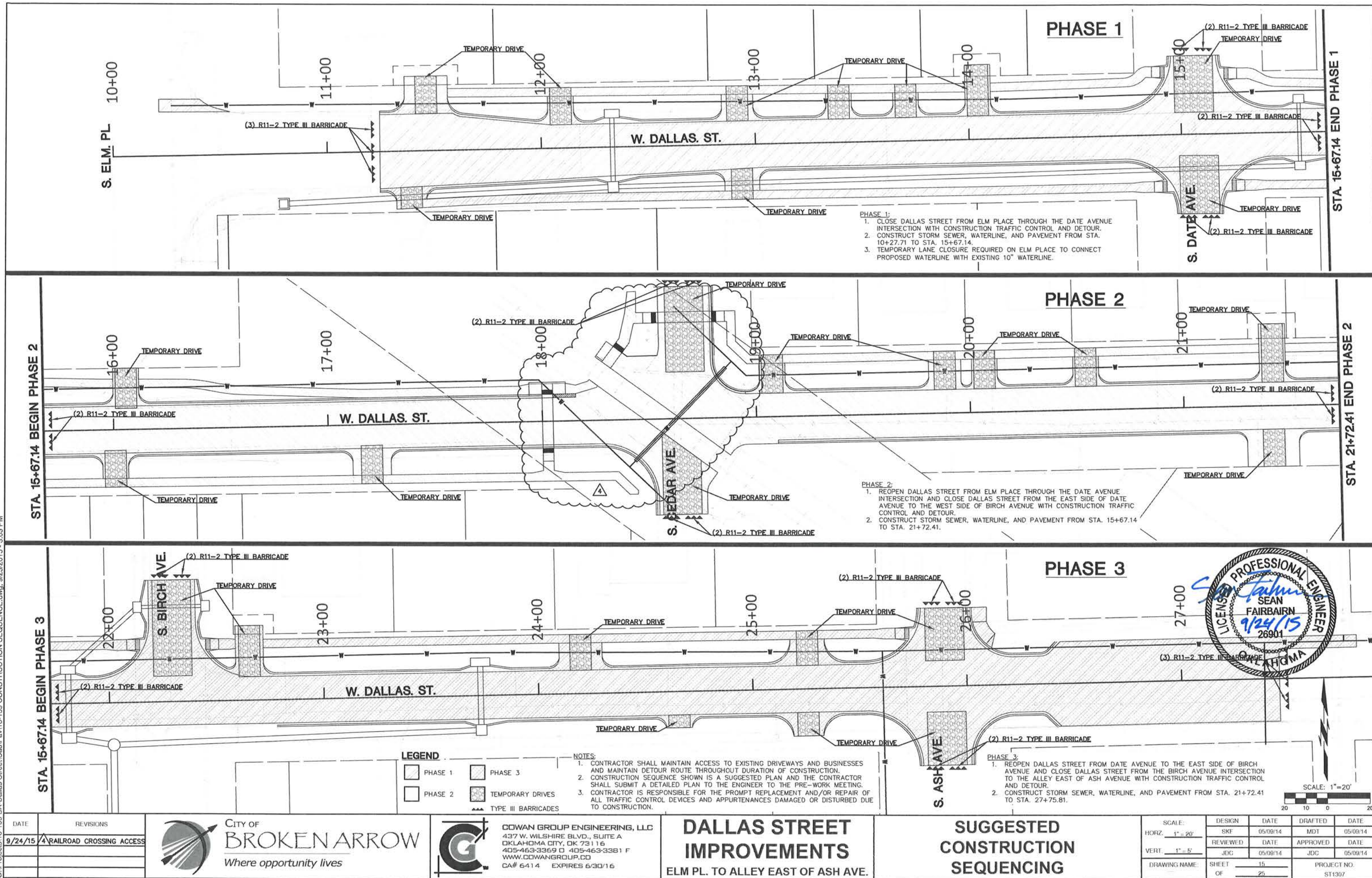


DALLAS STREET IMPROVEMENTS
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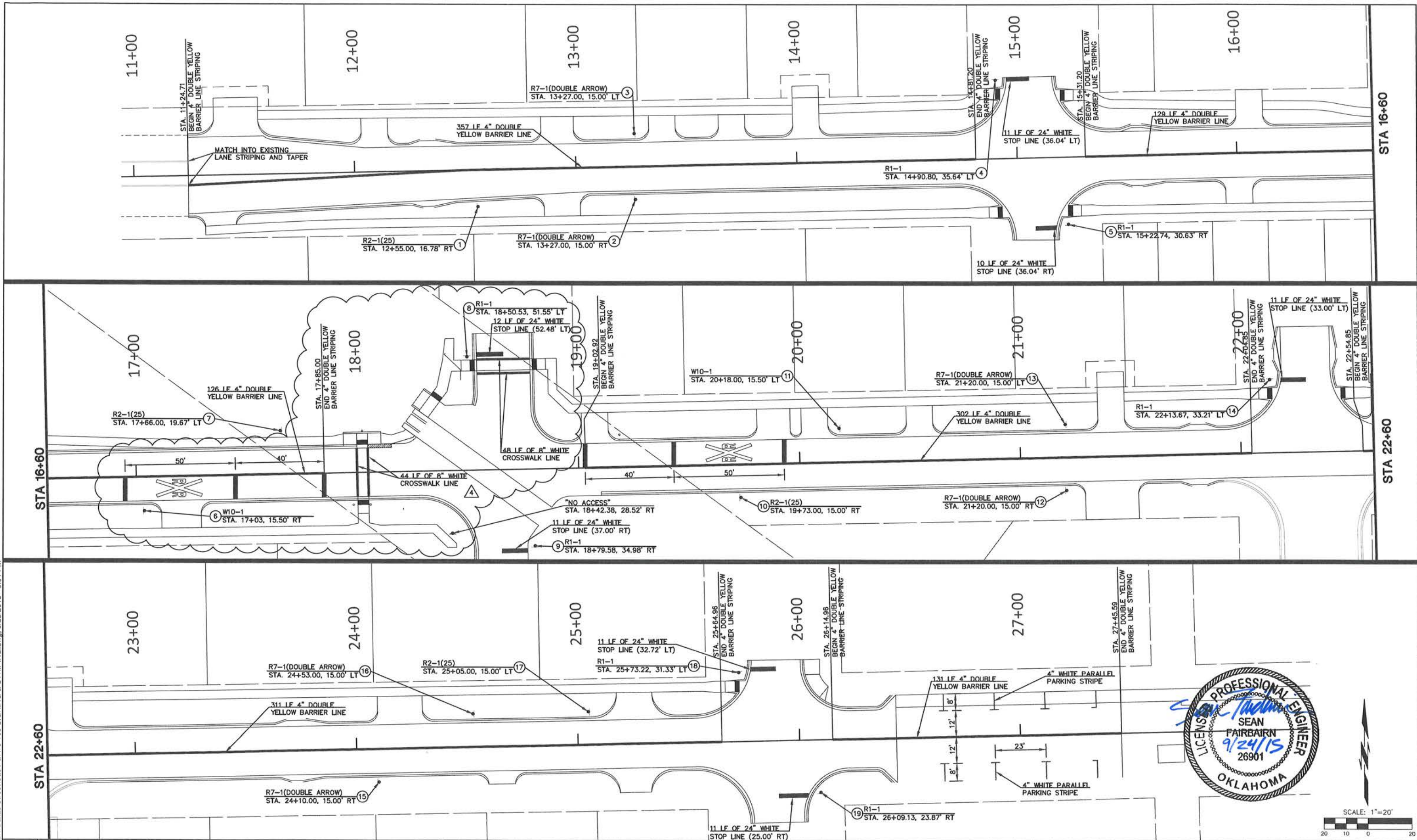
WATERLINE REPLACEMENT PLAN & PROFILE (2 OF 4)

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VERT. 1" = 5'	REVIEWED	DATE	APPROVED	DATE
	JDC	05/09/14	JDC	05/09/14
DRAWING NAME	SHEET	OF	PROJECT NO.	
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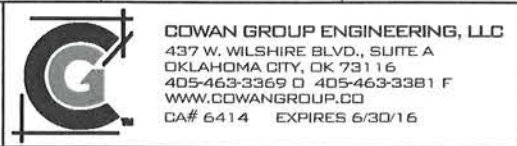
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DATE	REVISIONS
9/24/15	4 RAILROAD CROSSING ACCESS



DALLAS STREET IMPROVEMENTS
ELM PL. TO ALLEY EAST OF ASH AVE.

SIGNING AND STRIPING PLAN

SCALE:	DESIGN	DATE	DRAFTED	DATE
HORZ 1" = 20'	SKF	05/09/14	MDT	05/09/14
VERT. 1" = 5'	REVIEWED	DATE	APPROVED	DATE
	JDC	05/09/14	JDC	05/09/14
DRAWING NAME:	SHEET	16	PROJECT NO.	ST1307
	OF	25		

