

COLLIN COUNTY, TEXAS

GRADING, PAVING, DRAINAGE, AND STRUCTURES

PARK BOULEVARD EXTENSION

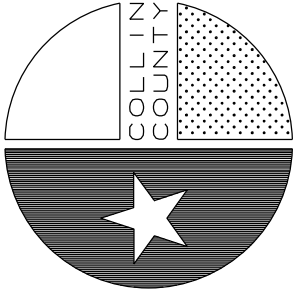
DESIGN SPEED:
PARK BLVD - 45 MPH
SKYVIEW DR. - 30 MPH
RESIDENTIAL - 25 MPH

STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES AS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION NOV. 2014 SHALL GOVERN FOR BRIDGE, RETAINING WALL, RIPRAP, SIGNING AND PAVEMENT MAKINGS CONSTRUCTION INCLUDING MATERIALS AND WORK ITEMS DIRECTLY ASSOCIATED WITH THOSE PROJECT ELEMENTS. NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION-NORTH CENTRAL TEXAS FIFTH EDITION WITH CURRENT AMENDMENTS AND SPECIAL PROVISIONS AS ADOPTED BY THE CITY OF WYLIE, SHALL PRIMARILY GOVERN ALL OTHER CONSTRUCTION ON THIS PROJECT.

COUNTY JUDGE:
CHRIS HILL

COUNTY COMMISSIONER:
PRECINCT 1 SUSAN FLETCHER
PRECINCT 2 CHERYL WILLIAMS
PRECINCT 3 DARRELL HALE
PRECINCT 4 DUNCAN WEBB

DIRECTOR OF ENGINEERING
CLARENCE DAUGHERTY, P.E.



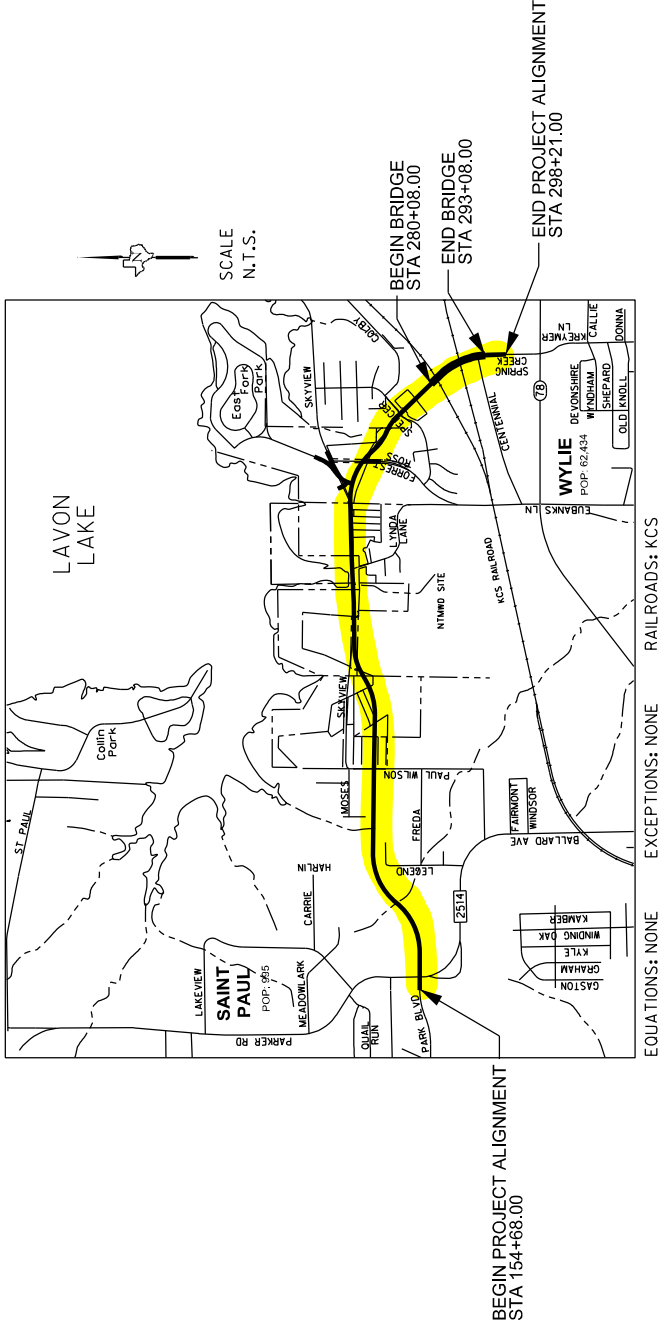
Prepared by:
HALFF ASSOCIATES, INC.

D. D. Kae
Project Manager
Date: NOVEMBER 7, 2024

DESIGN LIMITS:

FROM PARKER RD TO SPRING CREEK PKWY
TOTAL LENGTH = 14,121 FT = 2.67 MILES
ROADWAY LENGTH = 12,821 FT = 2.43 MILES
BRIDGE LENGTH = 1,300 FT = 0.25 MILES

CONSTRUCT FOUR LANE MAJOR THOROUGHFARE ON NEW AND EXISTING LOCATION CONSISTING OF GRADING, DRAINAGE, STRUCTURES, CONCRETE & ASPHALT PAVEMENTS, SIGNING, PAVEMENT MARKINGS, AND UTILITIES.



NOTE:
THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH THE UNITED STATES ACCESS BOARD'S PROWAG GUIDELINES ON PEDESTRIAN FACILITIES DATED JULY 26, 2011 AND TOLR REVIEW SHALL BE PER THESE GUIDELINES.

TDLR: XXXXXXXXXXXXXXX

LETTING DATE: _____
CONTRACTOR: _____
CONTRACTOR'S ADDRESS: _____

DATE WORK BEGAN: _____
DATE WORK WAS COMPLETED: _____
DATE WORK WAS ACCEPTED: _____

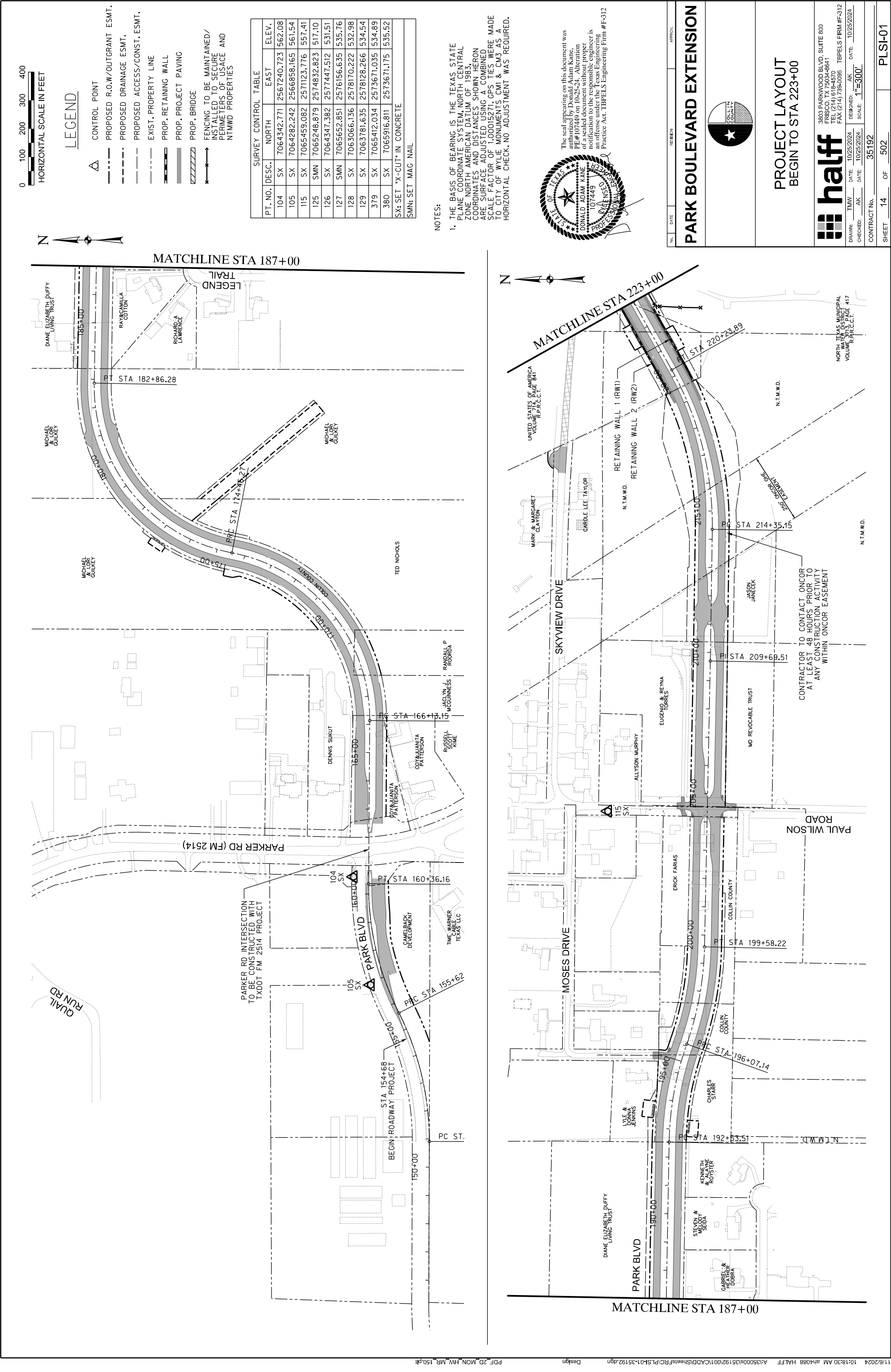
AS BUILT PLANS _____
FINAL RECORD DRAWING DATE: _____

STOP!
CALL BEFORE YOU DIG
TEXAS ONE CALL SYSTEM
1-800-245-4545
(AT LEAST 48 HOURS PRIOR TO DIGGING)

halff
3803 PARKWOOD BLVD, SUITE 800
FRISCO, TX 75034-3641
TEL (214) 618-4570
FAX (214) 618-4574
TBPE FIRM #F-312.

CONSTRUCTION MANAGER

NOVEMBER 2024



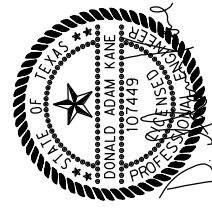
LEGEND

- CONTROL POINT
- PROPOSED R.O.W/OUTGRANT ESMT.
- PROPOSED DRAINAGE ESMT.
- PROPOSED ACCESS/CONST. ESMT.
- EXIST. PROPERTY LINE
- PROP. RETAINING WALL
- PROP. PROJECT PAVING
- PROP. BRIDGE
- FENCING TO BE MAINTAINED/INSTALLED TO SECURE PERIMETERS OF USAGE AND NTMWD PROPERTIES

SURVEY CONTROL TABLE				
PT. NO.	DESC.	NORTH	EAST	ELEV.
104	SX	7064342.771	2567240.723	562.08
105	SX	7064282.242	2566858.165	561.54
115	SX	7065459.082	2571123.776	557.41
125	SMN	7065248.879	2574832.823	517.10
126	SX	7064347.382	2577447.512	531.51
127	SMN	7065652.851	2576156.635	535.76
128	SX	7063066.136	2578170.222	532.98
129	SX	7063781.635	2578128.266	534.54
379	SX	7065412.034	2573671.035	534.89
380	SX	7065916.811	2573671.175	535.52
SX: SET "X-CUT" IN CONCRETE				
SMN: SET MAG NAIL				

NOTES:

- THE BASIS OF BEARING IS THE TEXAS STATE PLANE COORDINATE SYSTEM NORTH CENTRAL ZONE NORTH AMERICAN DATUM OF 1983. COORDINATES AND DISTANCES SHOWN HEREON ARE SURFACE ADJUSTED USING A COMBINED SCALE FACTOR OF 1.00015271. GPS TIES WERE MADE TO CITY OF WYLIE MONUMENTS CMI & CWS AS A HORIZONTAL CHECK. NO ADJUSTMENT WAS REQUIRED.



The seal appearing on this document was authorized by Donald Adam Kane, PE #107449 on 10-25-24. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act. TBPELS Engineering Firm #F-312

NO.

DATE

REVIEW

APPROVAL

PARK BOULEVARD EXTENSION



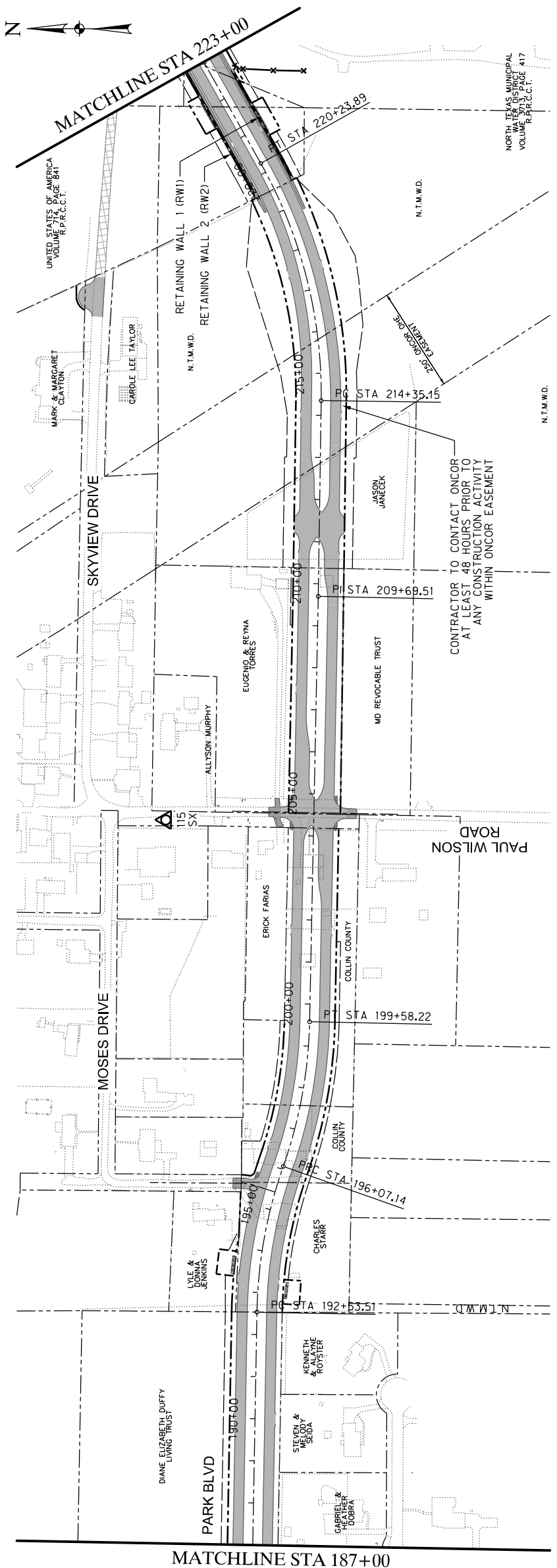
PROJECT LAYOUT BEGIN TO STA 223+00

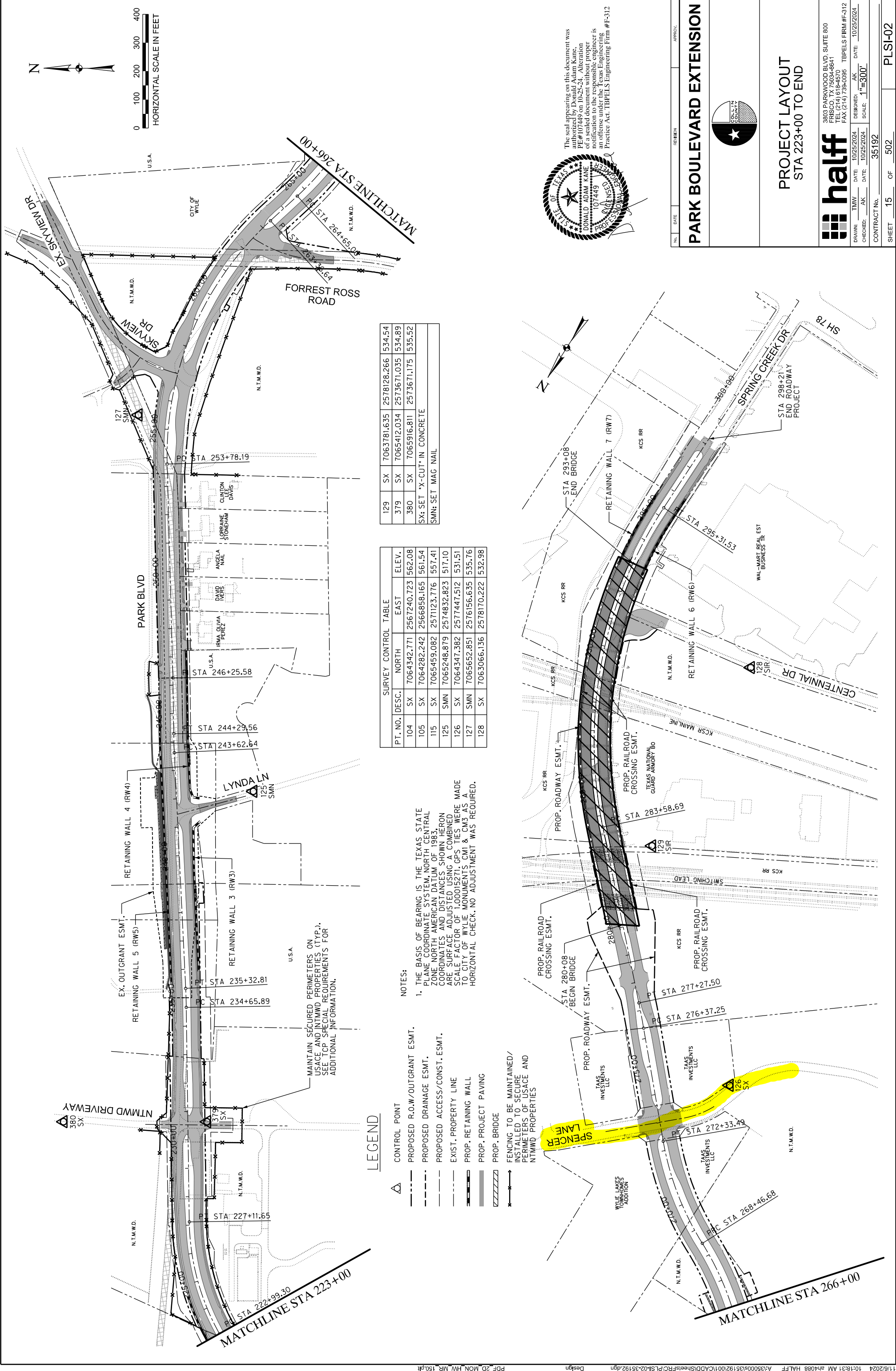


3803 PARKWOOD BLVD, SUITE 800
FRISCO, TX 75034-8641
TEL (214) 618-4570
FAX (214) 738-0095 TBPELS FIRM #F-312

DRAWN: TMW DATE: 10/25/2024 DESIGNED: AK DATE: 10/25/2024
CHECKED: AK DATE: 10/25/2024 SCALE: 1"=300'

CONTRACT No. 35192
SHEET 14 OF 502 PLSI-01





LEGEND

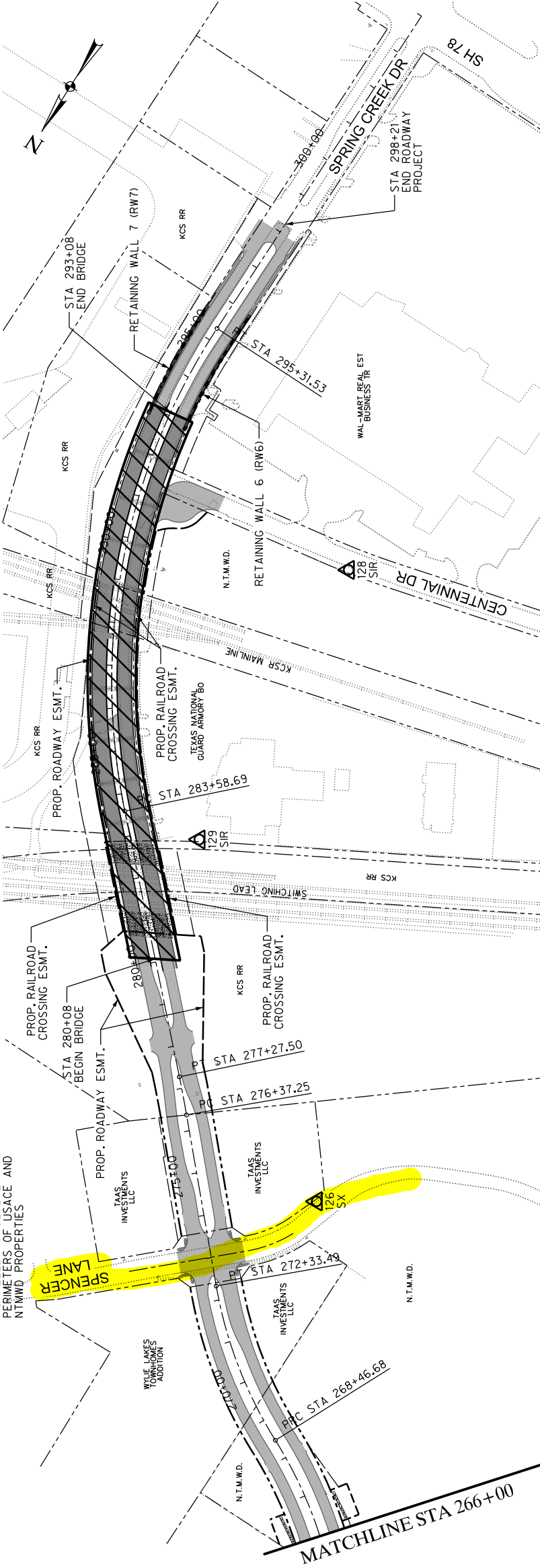
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- PROPOSED DRAINAGE ESMT.
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PLS

half

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FAX (214) 738-0095

DESIGNED: AK

DATE: 10/25/2024

CHECKED: AK

DATE: 10/25/2024

SCALE: 1"=300'

CONTRACT No.

35192

SHEET

15

OF

502

PLSI-02

11/6/2024

PROJECT LAYOUT

STA 223+00 TO END

APPROVAL

REVIEW

DATE

11/6/2024

10:18:31 AM

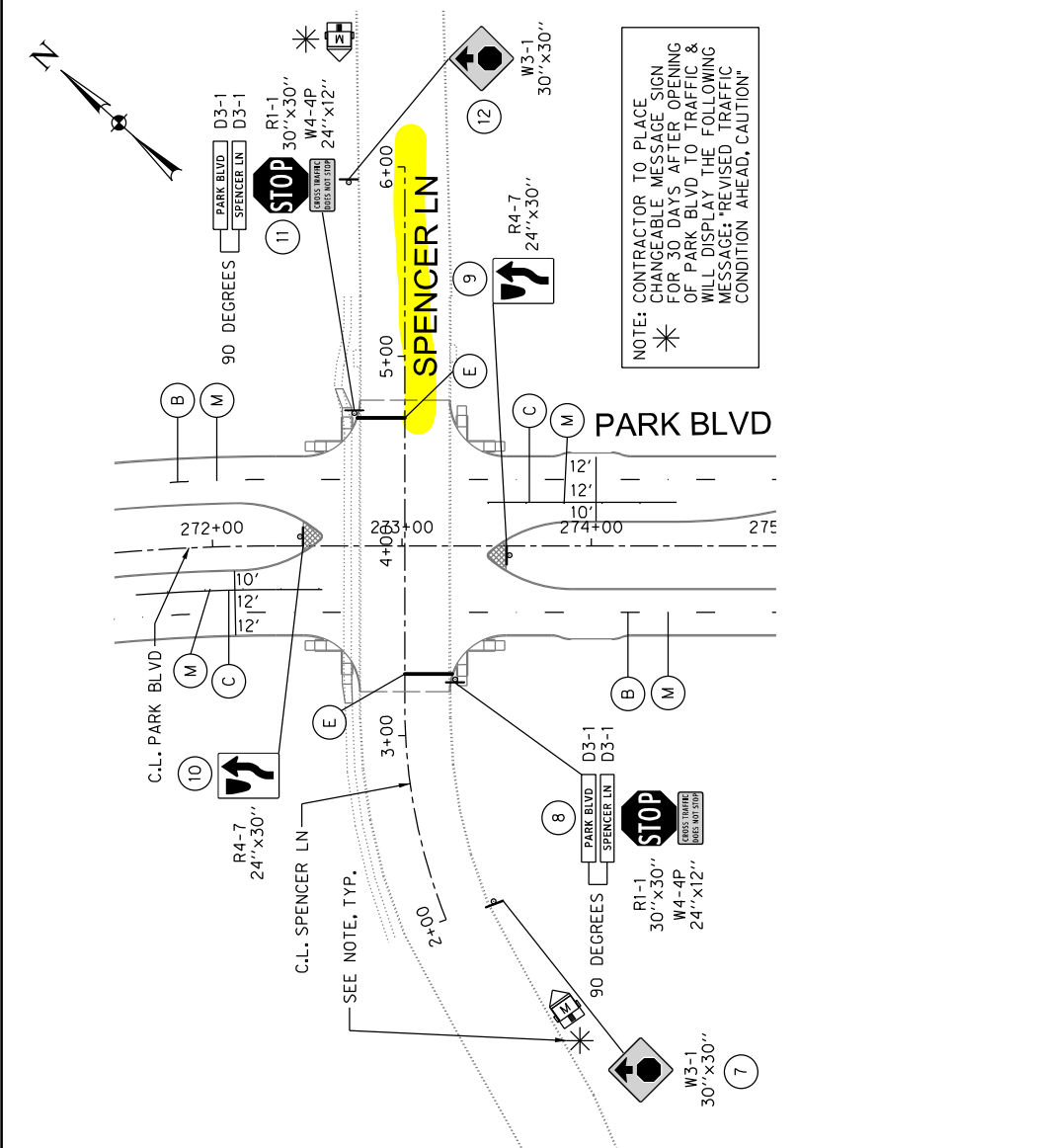
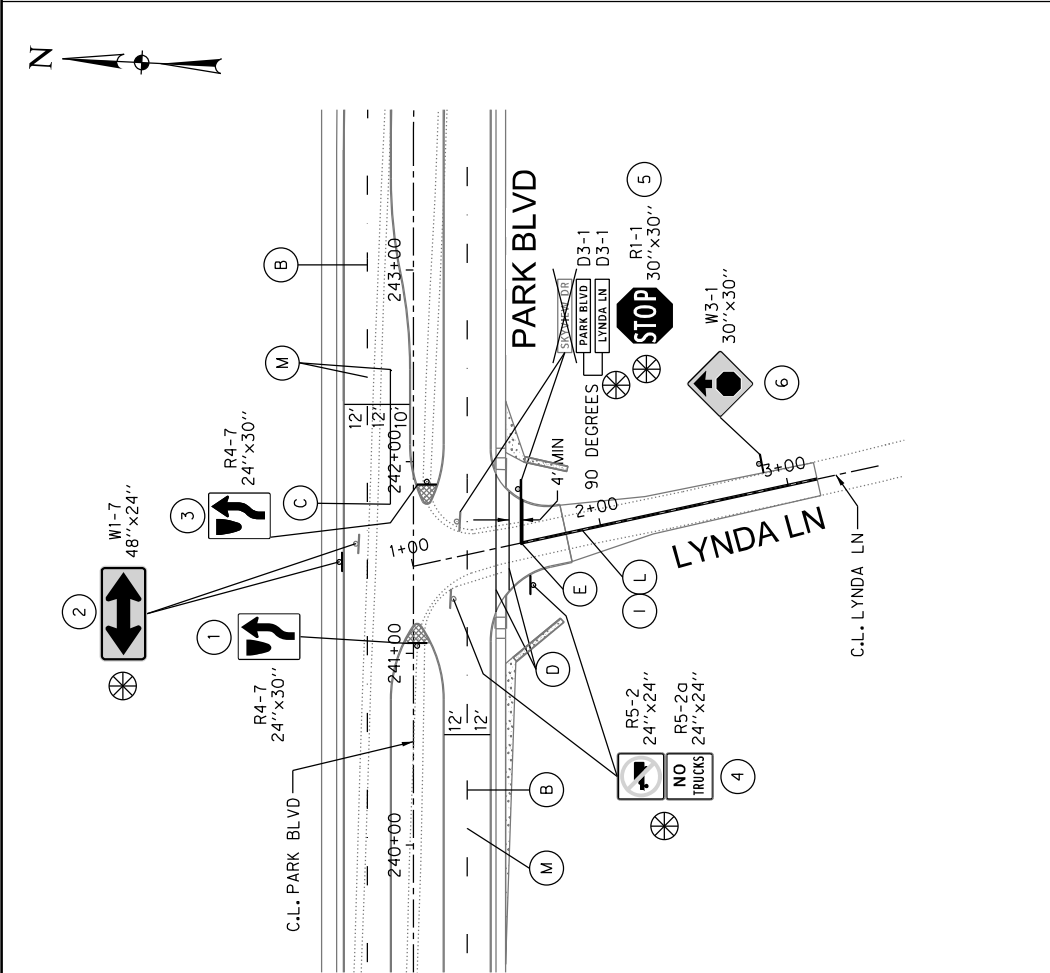
ah4088

HALFF

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Design

PDF_2D_MON_HW_MFR_150.plt



0255075100

HORIZONTAL SCALE IN FEET

LEGEND

A

REFL PAV MRK TY I (W) 4" (SLD)(100MIL)

B

REFL PAV MRK TY I (W) 4" (BRK)(100MIL)

C

REFL PAV MRK TY I (W) 8" (SLD)(100MIL)

D

REFL PAV MRK TY I (W) 12" (SLD)(100MIL)

E

REFL PAV MRK TY I (W) 24" (SLD)(100MIL)

F

REFL PAV MRK TY I (W) (ARROW) (100MIL)

G

REFL PAV MRK TY I (W) (DBL ARROW)(100MIL)

H

REFL PAV MRK TY I (W) (WORD) (100MIL)

I

REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)(DOUBLE)

J

REFL PAV MRK TY I (Y) 12"(SLD)(100MIL)

K

REFL PAV MRK TY I (W) 4"(DOT)(100MIL)

L

REFL PAV MRKR TY II-A-A

M

REFL PAV MRKR TY II-C-R

N

REFL PAV MRKR TY I-C

P

REFL PAV MRK TY I (Y) 8" (SLD)(100MIL)

X

EXISTING SIGN TO BE REMOVED

*

EXISTING SIGN TO REMAIN

⊗

EXISTING SIGN TO BE REMOVED AND REPLACED NEW

NOTES:

1. TRAFFIC SIGNS SHALL BE FABRICATED IN ALUMINUM ACCORDING TO TXDOT REQUIREMENTS AS SHOWN IN THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) AND ANY PROVISIONS CONTAINED IN THESE PLANS, PROPOSAL AND OTHER CONTRACT DOCUMENTS.

2. ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED PER CURRENT TXDOT STANDARD DETAILS.

3. TRAFFIC SIGN LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER AND SHALL CONFORM TO THE ADVANCE POSTING DISTANCES, SPACING AND VISIBILITY REQUIREMENTS SHOWN IN THE TMUTCD.

4. THE SPEED LIMIT FOR PARK BLVD SHALL BE DETERMINED BY COLLIN COUNTY DEPARTMENT OF PUBLIC WORKS AND PROVIDED TO THE CONTRACTOR.

5. CONTRACTOR SHALL VERIFY THAT ALL PROPOSED SIGNS MATCH SIZE AND DESIGN CHARACTERISTICS OF EXISTING DUPLICATE SIGNS ON SITE WHERE APPLICABLE.

6. REMOVAL OF EXISTING PAVEMENT MARKINGS & MARKERS NECESSARY TO INSTALL NEW PAVEMENT MARKINGS & MARKERS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO OTHER PAVEMENT MARKING PAY ITEMS.

7. PROPERTY LINES NOT SHOWN FOR CLARITY PURPOSES.

Design

No.

DATE

REVISION

APPROVAL

STATE OF TEXAS

SEAL

NOTARIES PUBLIC

107445

DONALD ADAM KANE

PE#107449 on 10-25-24

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COLLIN COUNTY

SEAL

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CONTRACT No.

35192

SHEET

309

OF

502

SST-07

SIGNED

1/16/2024