HICKORY CREEK 2015 ROADWAY CIP

RECONSTRUCTION PLANS

HICKORY HILLS BOULEVARD, CREST COURT, OAK CIRCLE,
LIVE OAK LANE, AND ROYAL OAKS BOULEVARD

TOWN OF HICKORY CREEK, TEXAS
NOVEMBER 2015

DESIGN SPEED
=30 M.P.H.

POSTED SPEED
=25 M.P.H.

MAYOR
LYNN CLARK

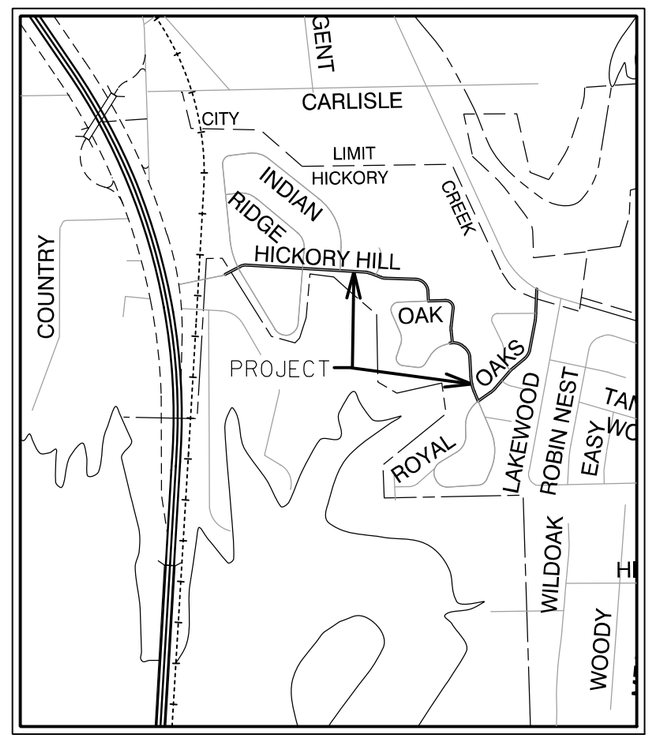
COUNCIL MEMBERS
ERIC WISER
TRACEE ELROD
RICHARD DUPREE
CHRIS GORDON
PAUL KENNEY

TOWN ADMINISTRATOR
JOHN SMITH

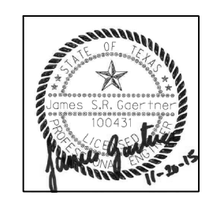
PUBLIC WORKS DIRECTOR
JEFFREY MCSPEDDEN

HICKORY CREEK TX

HICKORY CREEK



LOCATION MAP - N.T.S.

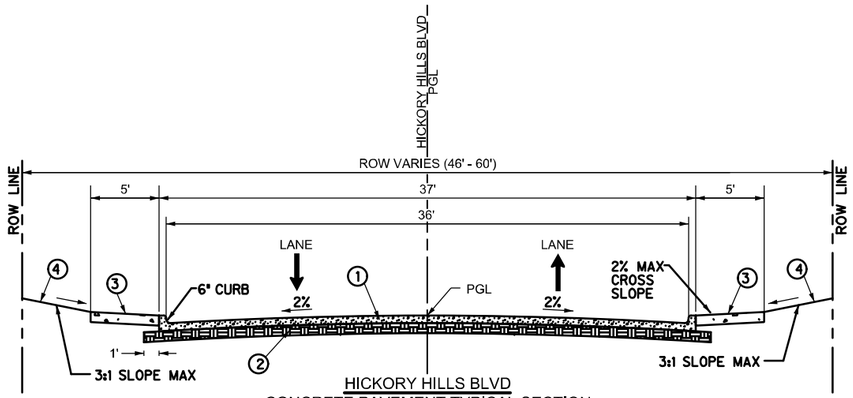


PREPARED FOR
TOWN OF HICKORY CREEK, TEXAS

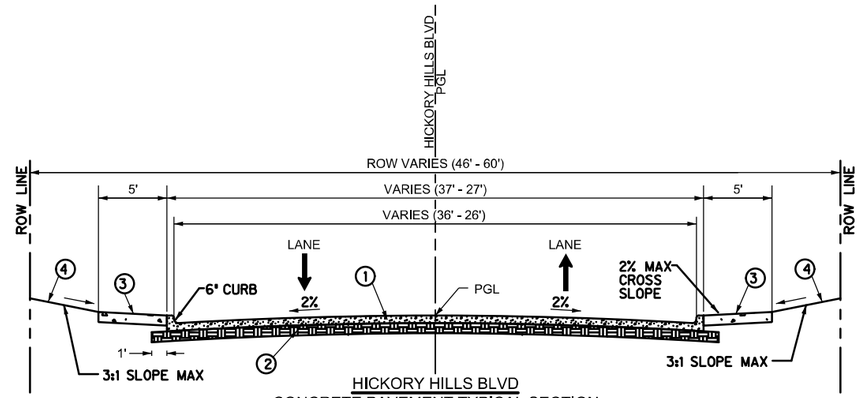
HALFF
1001 CROSS TIMBERS RD, SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 956-0801
FAX (972) 956-0842

PROJECT MANAGER: JAMES S.R. GAERTNER, P.E.

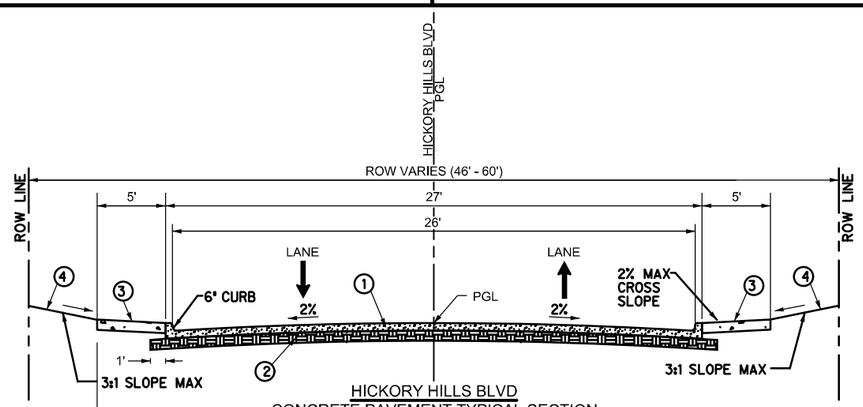
AVO 30138 NOVEMBER 2015



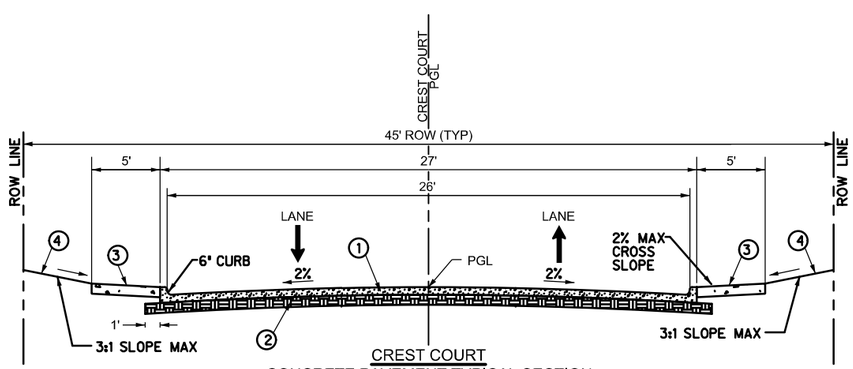
HICKORY HILLS BLVD
CONCRETE PAVEMENT TYPICAL SECTION
BEGIN TO STA 13+55.64
NOT TO SCALE



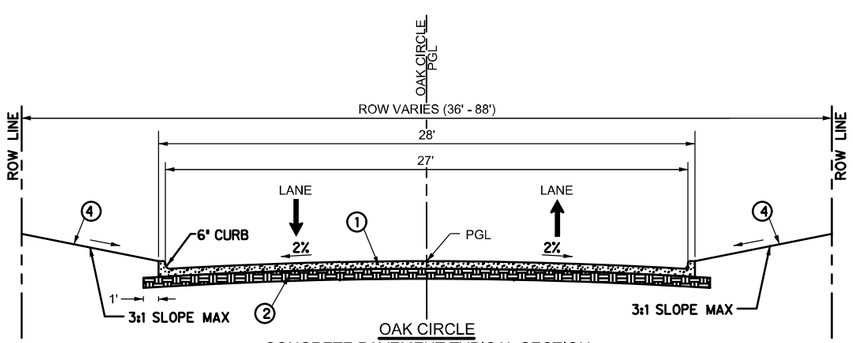
HICKORY HILLS BLVD
CONCRETE PAVEMENT TYPICAL SECTION
STA 13+55.64 TO STA 14+98.85
NOT TO SCALE



HICKORY HILLS BLVD
CONCRETE PAVEMENT TYPICAL SECTION
STA 14+98.85 TO END
NOT TO SCALE



CREST COURT
CONCRETE PAVEMENT TYPICAL SECTION
BEGIN TO END
NOT TO SCALE



OAK CIRCLE
CONCRETE PAVEMENT TYPICAL SECTION
BEGIN TO STA 11+00
NOT TO SCALE

LEGEND

1. 6" REINFORCED CONCRETE PAVEMENT
2. 6" LIME STABILIZED (7%) SUBGRADE OR 6" CEMENT TREATED (5%) SUBGRADE
3. 4" CONCRETE SIDEWALK
4. 4" TOP SOIL & GRASS SOD

1. CONTRACTOR SHALL UTILIZE EXTREME CARE WHEN WORKING NEAR BUILDINGS. ONLY HAND TOOLS SHALL BE USED WHEN CONSTRUCTING ROADWAY ELEMENTS ADJACENT TO BUILDINGS. (WITHIN 5 FT)
2. SEE PAVEMENT DETAILS AND PAVEMENT MARKING DETAILS FOR MORE INFORMATION.
3. THE PROFILE GRADE LINE (PGL) IS ALONG THE TOP OF PAVEMENT AT THE ROADWAY CENTERLINE SEE PLAN AND PROFILE FOR PGL AND TOP OF CURB ELEVATIONS
4. SEE GEOTECHNICAL ENGINEERING REPORT FOR HICKORY CREEK ROAD REPAIR BY CMJ ENGINEERING, PROJECT NO. 830-07-08, DATED NOVEMBER 2007. REFER TO REPORT FOR EXISTING AND PROPOSED PAVEMENT THICKNESS AND SUBGRADE.
5. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS NOTED OTHERWISE.
6. CONCRETE PAVEMENT SHALL BE REINFORCED WITH #4 BARS @18" O.C. EACH WAY.
7. PROPOSED CONCRETE PAVEMENT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,400 PSI.

HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1111
FAX (972) 956-0842
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
2		
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5		
6		
7		

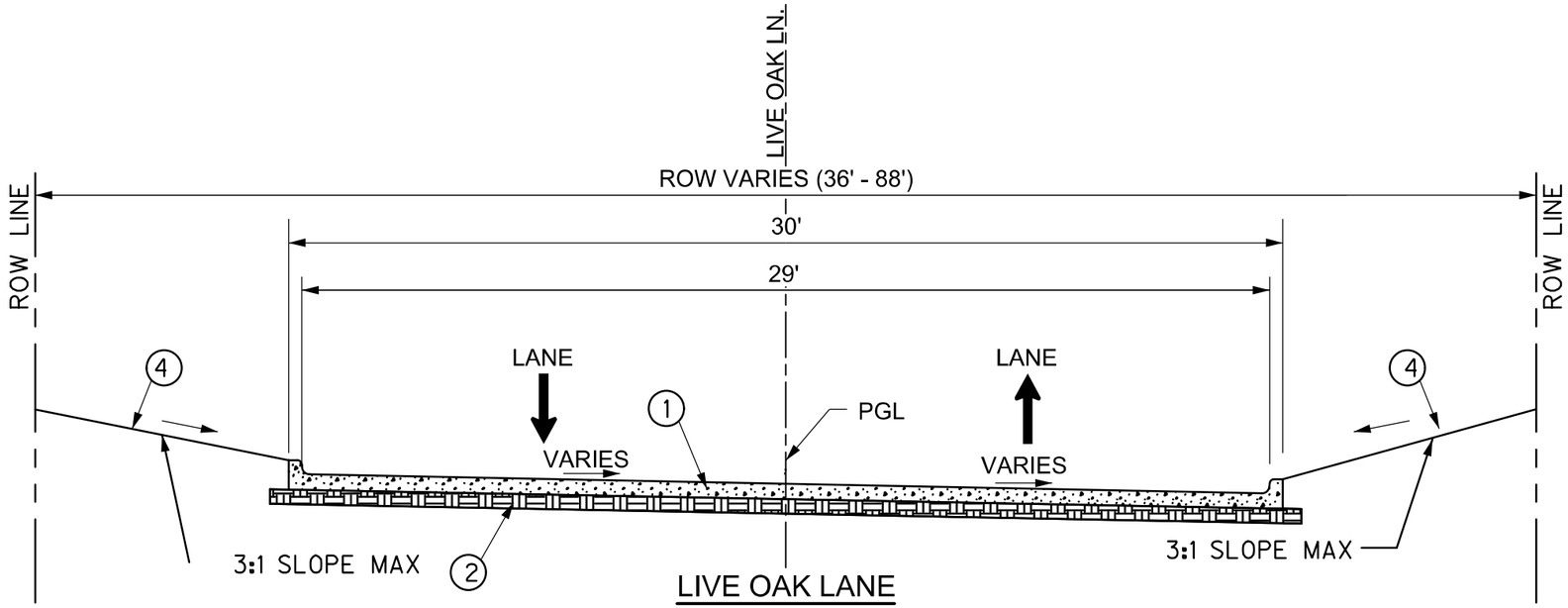
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-20-15

SHEET 6 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

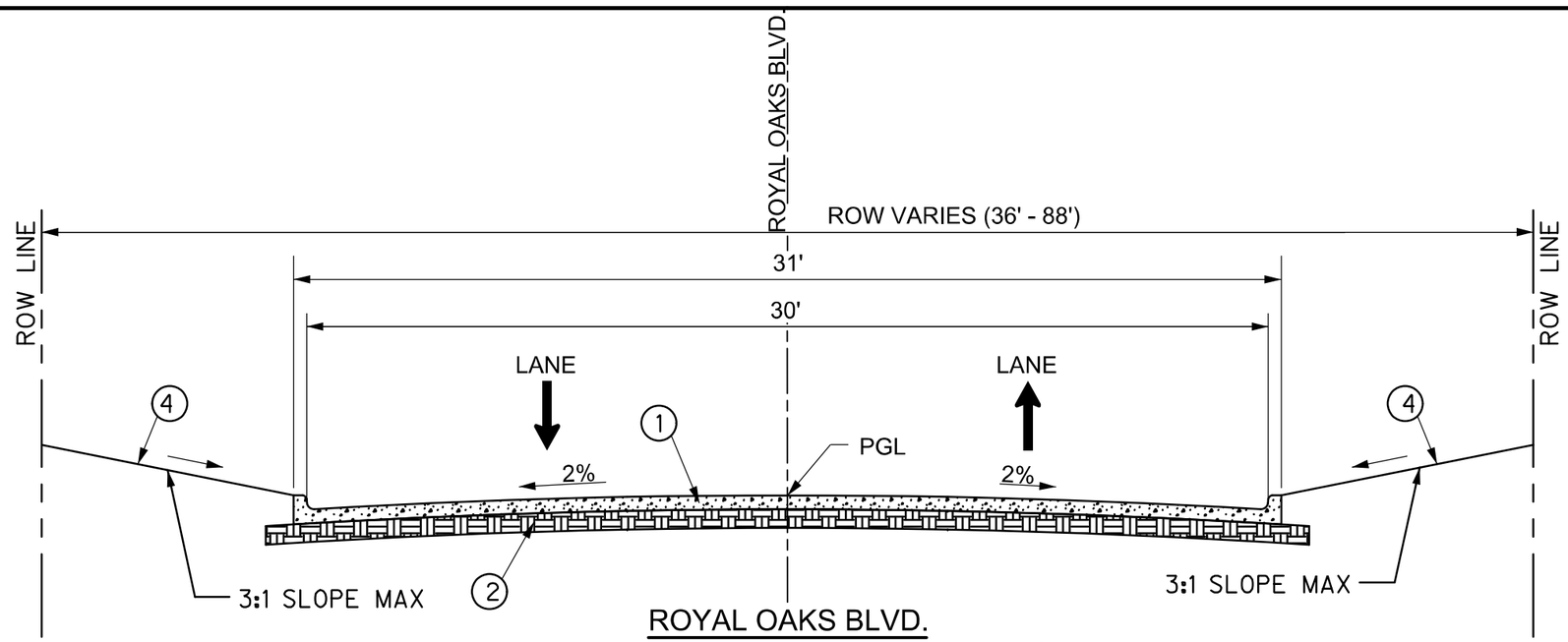
Sheet Title
PROPOSED
TYPICAL SECTIONS

TS-2
Sheet Number



LIVE OAK LANE
CONCRETE PAVEMENT TYPICAL SECTION
BEGIN TO END

NOT TO SCALE



ROYAL OAKS BLVD.
CONCRETE PAVEMENT TYPICAL SECTION
BEGIN TO END

NOT TO SCALE

LEGEND

1. 6" REINFORCED CONCRETE PAVEMENT
2. 6" LIME STABILIZED (7%) SUBGRADE OR 6" CEMENT TREATED (5%) SUBGRADE
3. 4" CONCRETE SIDEWALK
4. 4" TOP SOIL & GRASS SOD

1. CONTRACTOR SHALL UTILIZE EXTREME CARE WHEN WORKING NEAR BUILDINGS. ONLY HAND TOOLS SHALL BE USED WHEN CONSTRUCTING ROADWAY ELEMENTS ADJACENT TO BUILDINGS. (WITHIN 5 FT)
2. SEE PAVEMENT DETAILS AND PAVEMENT MARKING DETAILS FOR MORE INFORMATION.
3. THE PROFILE GRADE LINE (PGL) IS ALONG THE TOP OF PAVEMENT AT THE ROADWAY CENTERLINE SEE PLAN AND PROFILE FOR PGL AND TOP OF CURB ELEVATIONS
4. SEE GEOTECHNICAL ENGINEERING REPORT FOR HICKORY CREEK ROAD REPAIR BY CMJ ENGINEERING, PROJECT NO. 830-07-08, DATED NOVEMBER 2007. REFER TO REPORT FOR EXISTING AND PROPOSED PAVEMENT THICKNESS AND SUBGRADE.
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7. PROPOSED CONCRETE PAVEMENT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,400 PSI.

HICKORY CREEK
2015 ROADWAY CIP
HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD
HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1901 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 556-0942
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
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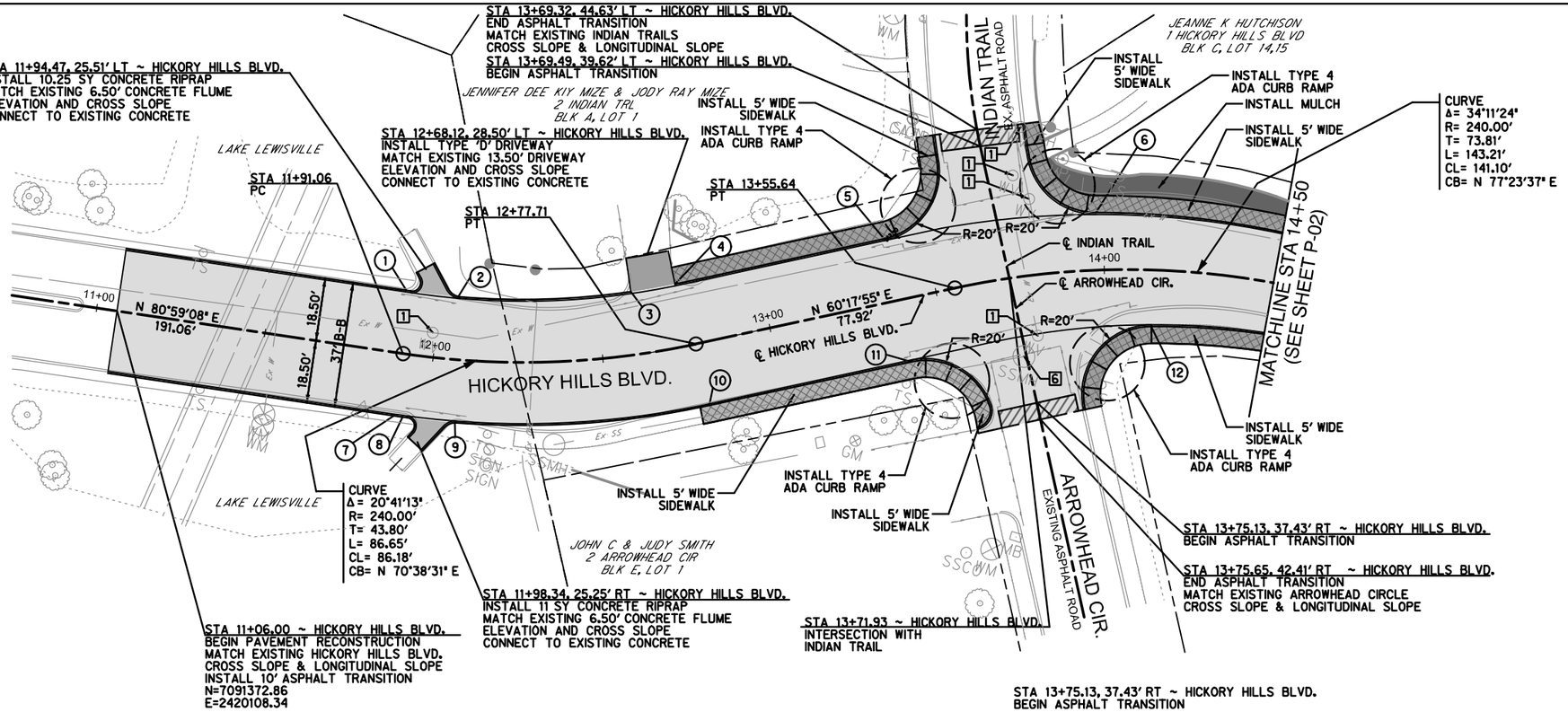
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED
PROFESSIONAL ENGINEER
11-25-15

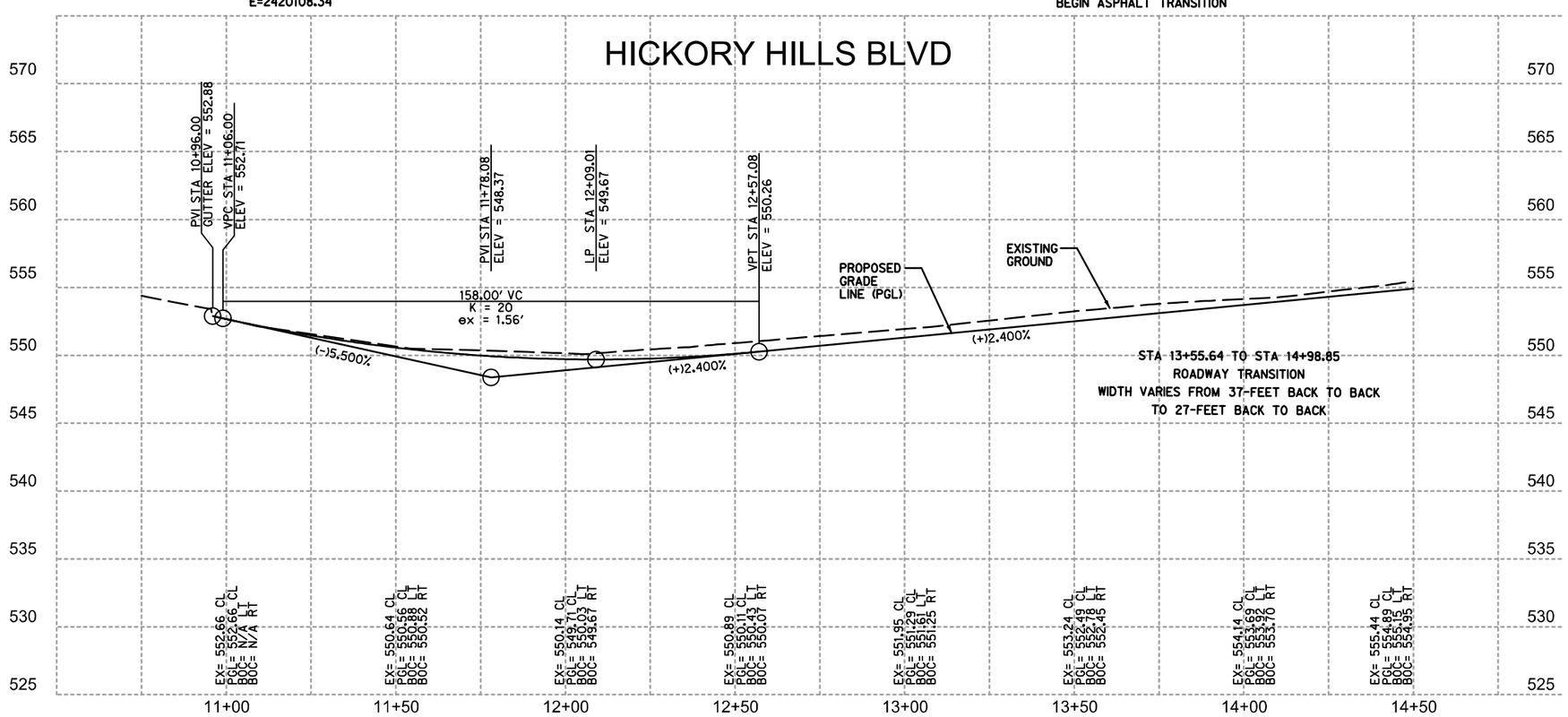
SHEET 7 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PROPOSED
TYPICAL SECTIONS

TS-3
Sheet Number





N

0 10 20 40 60
HORIZONTAL SCALE IN FEET

0 2.5 5 10 15
VERTICAL SCALE IN FEET

POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	11+89.38	18.50' LT	BC	PC
2	12+05.81	18.50' LT	BC	PT
3	12+60.98	18.50' LT	BC	PC
4	12+75.44	18.51' LT	BC	PT
5	13+38.36	18.50' LT	BC	PC
6	13+98.16	16.91' LT	BC	PT
7	11+91.06	18.50' RT	BC	PI
8	11+93.50	18.50' RT	BC	PC
9	12+07.85	18.50' RT	BC	PT
10	12+77.71	18.50' RT	BC	PI
11	13+38.48	18.50' RT	BC	PC
12	14+14.26	16.61' RT	BC	PT

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- PROPOSED ASPHALT PAVEMENT TYPE 'D' (2") TOP COURSE & TYPE 'B' (4") BASE COURSE 6" TREATED SUBGRADE
- PROPOSED SIDEWALK
- CONCRETE RIPRAP
- MULCH
- PROPOSED CONCRETE DRIVEWY 6" THICK WITH #3 BARS AT 12" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- SURFACE FLOW DIRECTION
- 1 ADJUST WATER VALVE TO FINAL GRADE
- 2 ADJUST FIRE HYDRANT TO FINAL GRADE
- 3 ADJUST WATER METER TO FINAL GRADE REPLACE WATER METER BOX.
- 4 ADJUST CONTROL VALVE TO FINAL GRADE
- 5 ADJUST SEWER CLEAN OUT TO FINAL GRADE
- 6 ADJUST OR INSTALL SEWER MANHOLE

NOTES:

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2. REFER TO PAVEMENT DETAILS AND STANDARD DETAILS FOR PAVING NOTES, DETAILS, AND OTHER INFORMATION.
3. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION.
4. CONTRACTOR SHALL MATCH EDGE OF PROPOSED PAVEMENT TO ALL EXISTING DRIVEWAYS.
5. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY PRIOR CONSTRUCTION.
6. SEE PROPOSED TYPICAL SECTIONS FOR SUB-GRADE TREATEMENT OPTIONS.
7. ASPHALT TRANSITIONS SHALL CONSIST OF 2" OF TYPE 'D' TOP COURSE AND 6" OF TYPE 'B' (HOT MIX) BASE COURSE WITH 6" OF TREATED SUBGRADE.
8. CONCRETE RIPRAP SHALL BE 4" THICK WITH COMPRESSIVE STRENGTH 3000 PSI @ 28 DAYS. SEE TXDOT DETAIL SHEET PD-13 FOR REINFORCEMENT.

Existing utility locations shown are generally schematic in nature and may not accurately reflect the size and location of each particular utility. Some utility lines and surface locations may not be shown. Contractor shall assume responsibility for actual field location and protection of existing utilities whether shown or not. Contractor shall also assume responsibility for repairs to existing utilities, whether shown or not, damaged by contractor's activities. Differences in horizontal or vertical location of existing utilities shall not be a basis for additional compensation.

HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1111
FAX (972) 956-0842
TBPE FIRM NO. F-312

Revision No.	Date	Description
1	A_Date	A_Desc
2	B_Date	B-Desc
3	C_Date	C_Desc
4	D_Date	D_Desc
5	E_Date	E_Desc
6	F_Date	F_Desc
7	G_Date	G_Desc

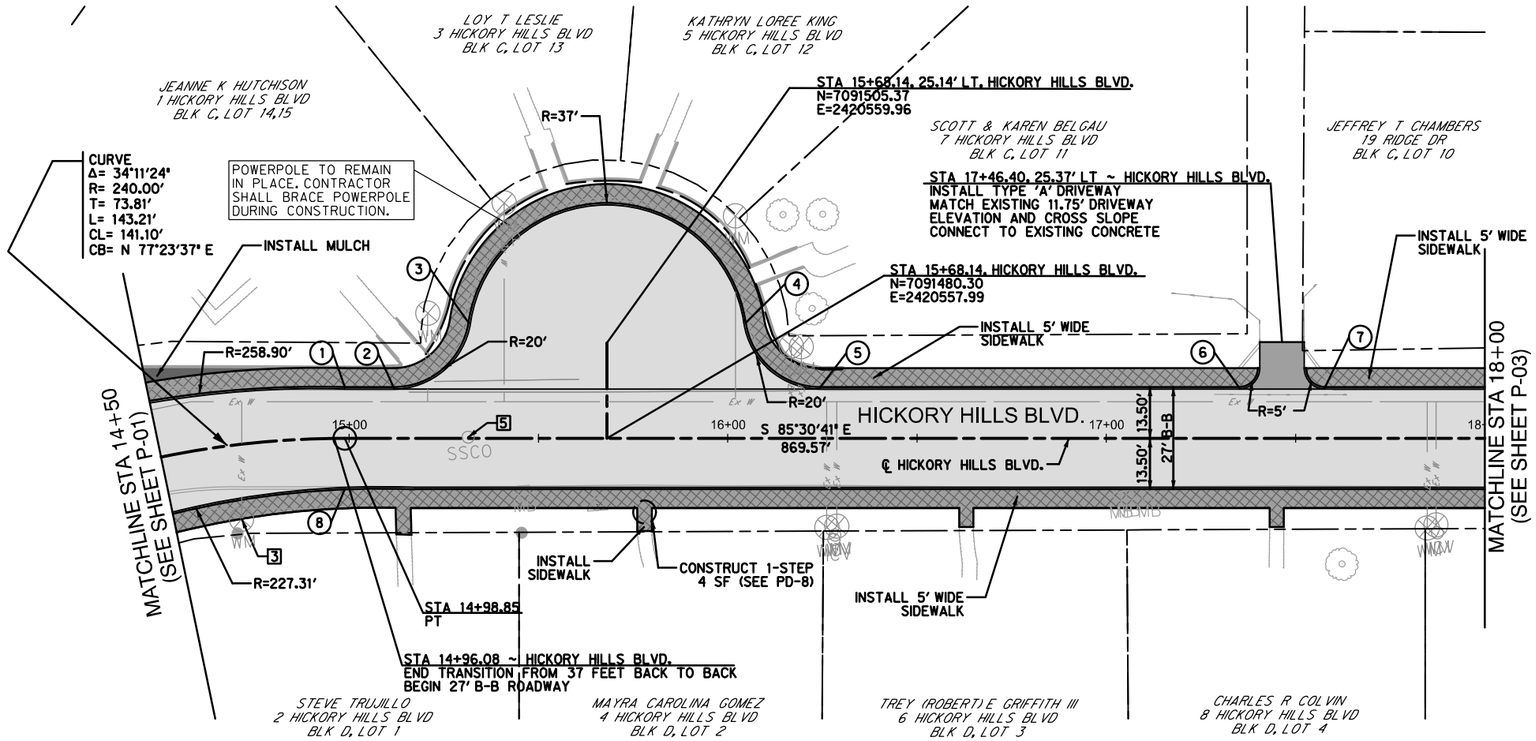
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-24-15

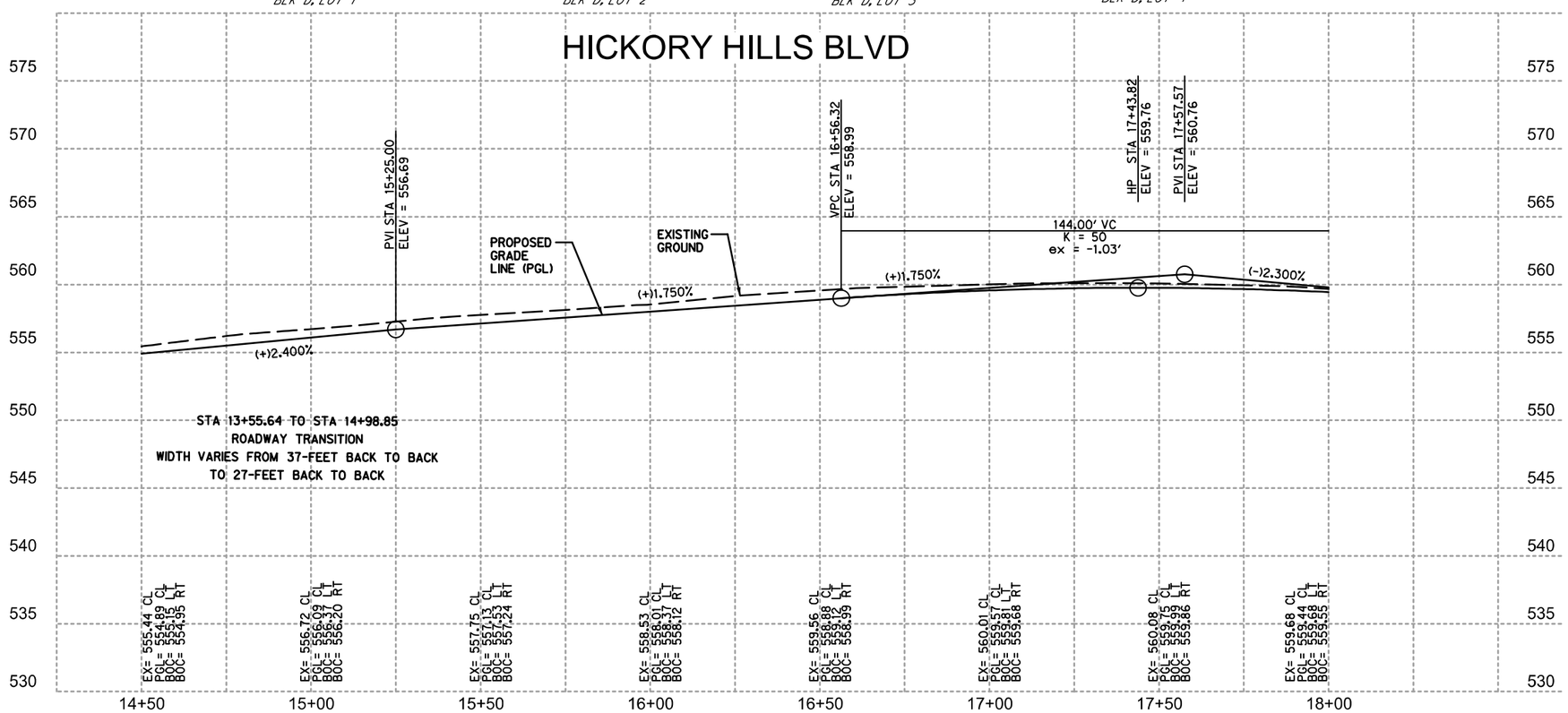
SHEET 65 OF 137

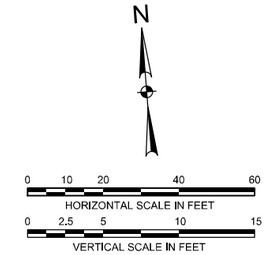
Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
HICKORY HILLS BLVD
BEGIN TO STA 14+50

P-01
Sheet Number







POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	14+98.86	13.50' LT	BC	PI
2	15+11.76	13.50' LT	BC	PC
3	15+31.54	30.57' LT	BC	PT/PC
4	16+04.74	30.57' LT	BC	PT/PC
5	16+24.52	13.50' LT	BC	PT
6	17+35.02	13.50' LT	BC	PC
7	17+57.79	13.50' LT	BC	PT
8	14+98.86	13.50' RT	BC	PI

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
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- PROPOSED CONCRETE DRIVEWY 6" THICK WITH #3 BARS AT 12" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 556-0942
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
2		
3		
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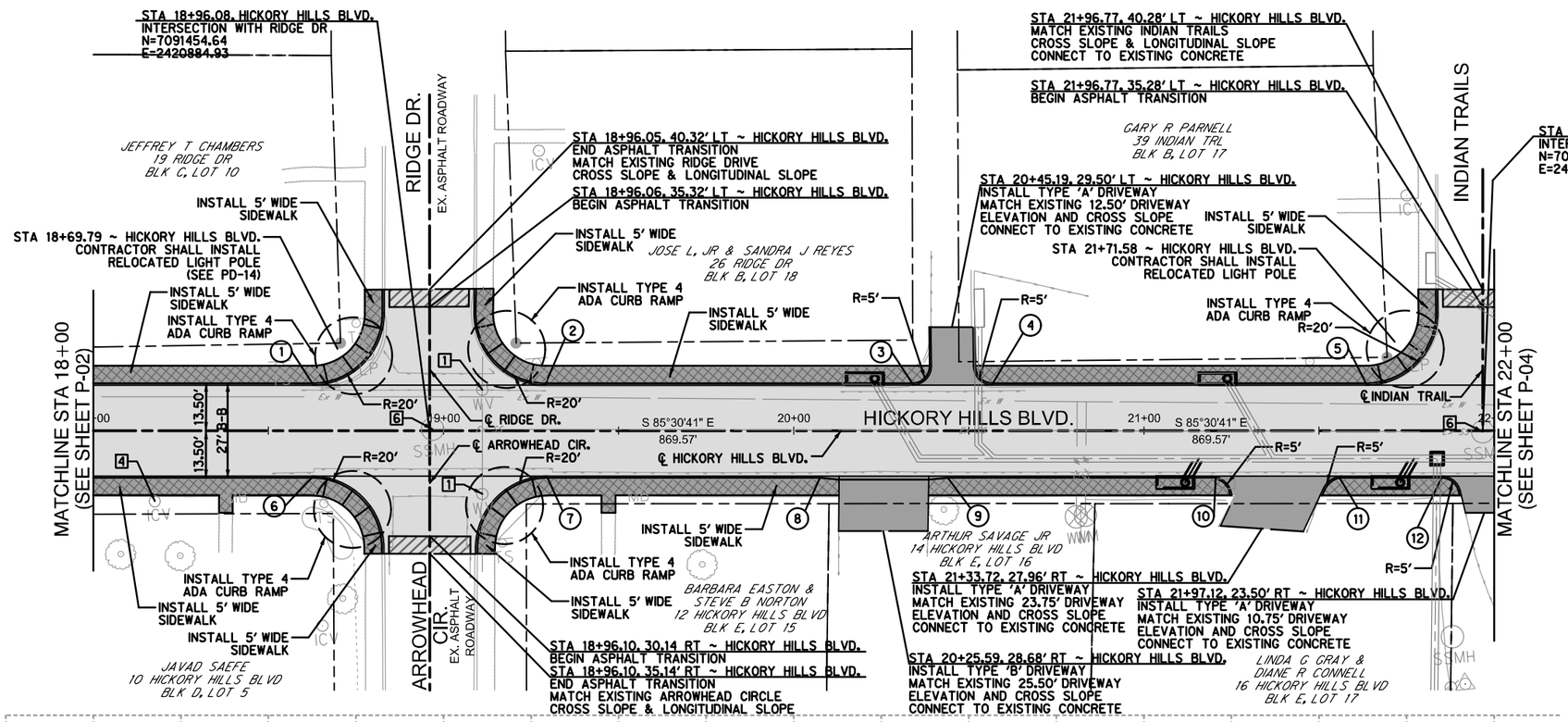
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-24-15

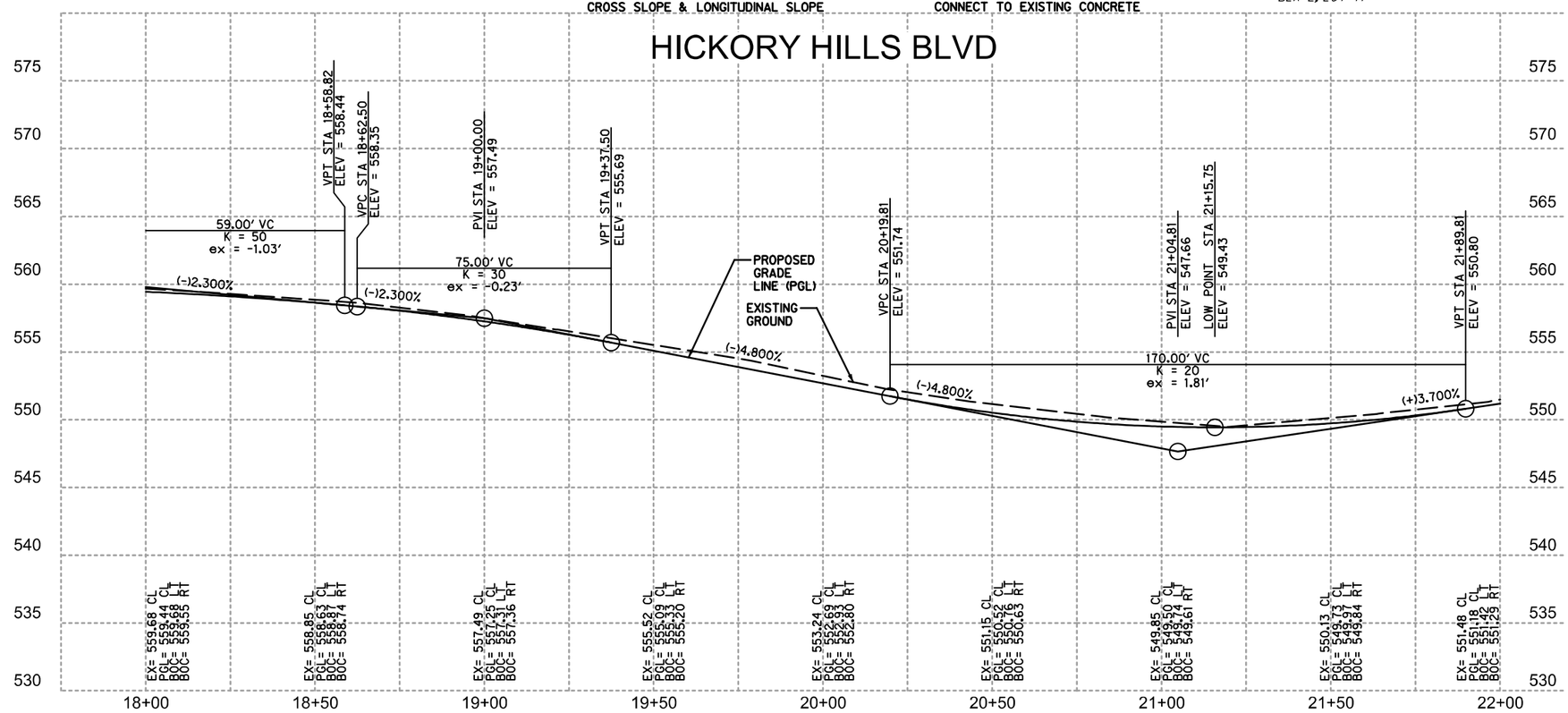
SHEET 66 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
HICKORY HILLS BLVD
STA 14+50 TO 18+00

P-02
Sheet Number





POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	18+62.54	13.50' LT	BC	PC
2	19+29.20	13.50' LT	BC	PT
3	20+33.85	13.50' LT	BC	PC
4	20+56.85	13.50' LT	BC	PT
5	21+63.42	13.50' LT	BC	PC
6	18+62.43	13.50' RT	BC	PC
7	19+29.68	13.50' RT	BC	PT
8	20+07.45	13.50' RT	BC	PI
9	20+43.98	13.50' RT	BC	PI
10	21+20.46	13.50' RT	BC	PC
11	21+55.81	13.50' RT	BC	PT
12	21+85.00	13.50' RT	BC	PC

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
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NOTES:

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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

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1001 CROSS TIMBERS RD. SUITE 2020
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TBPE FIRM NO. F-312

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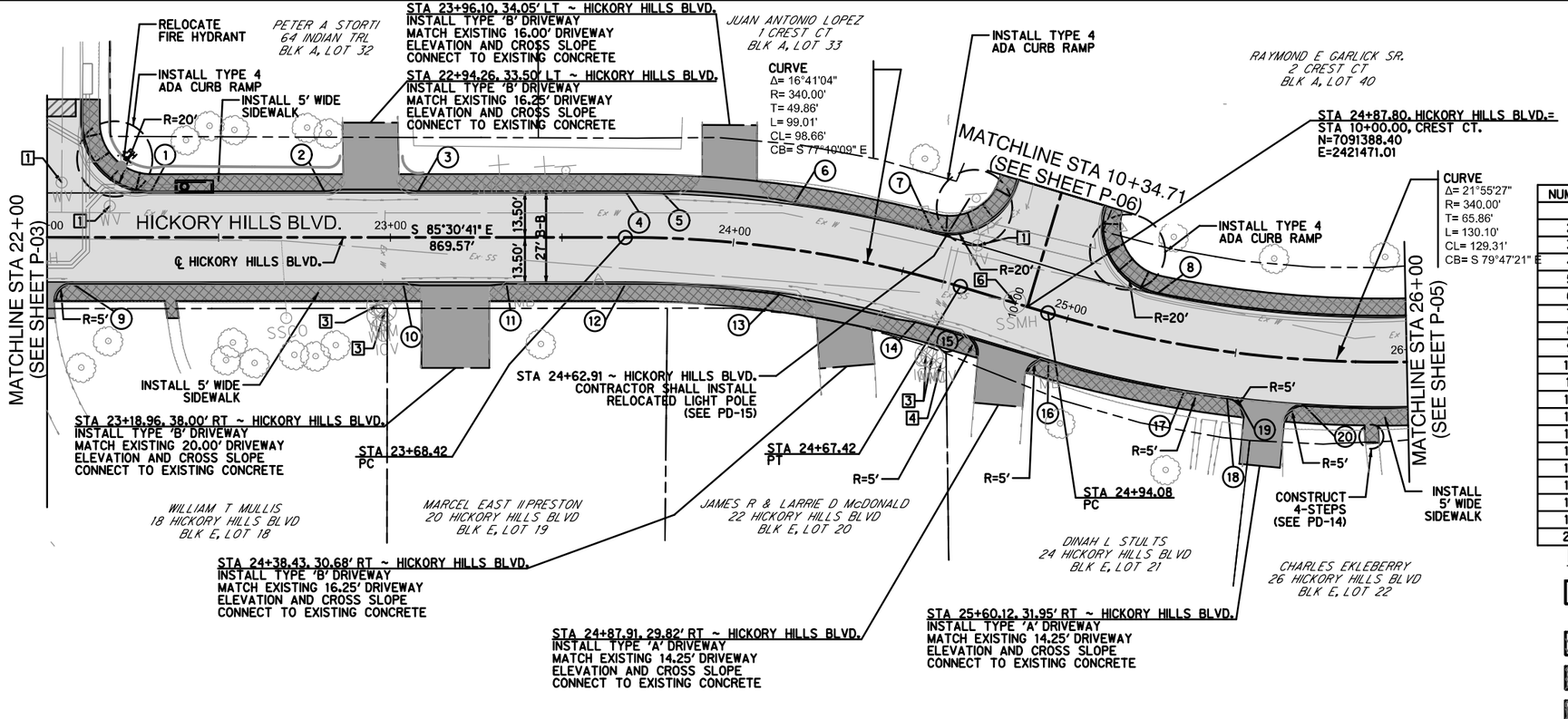
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-24-15

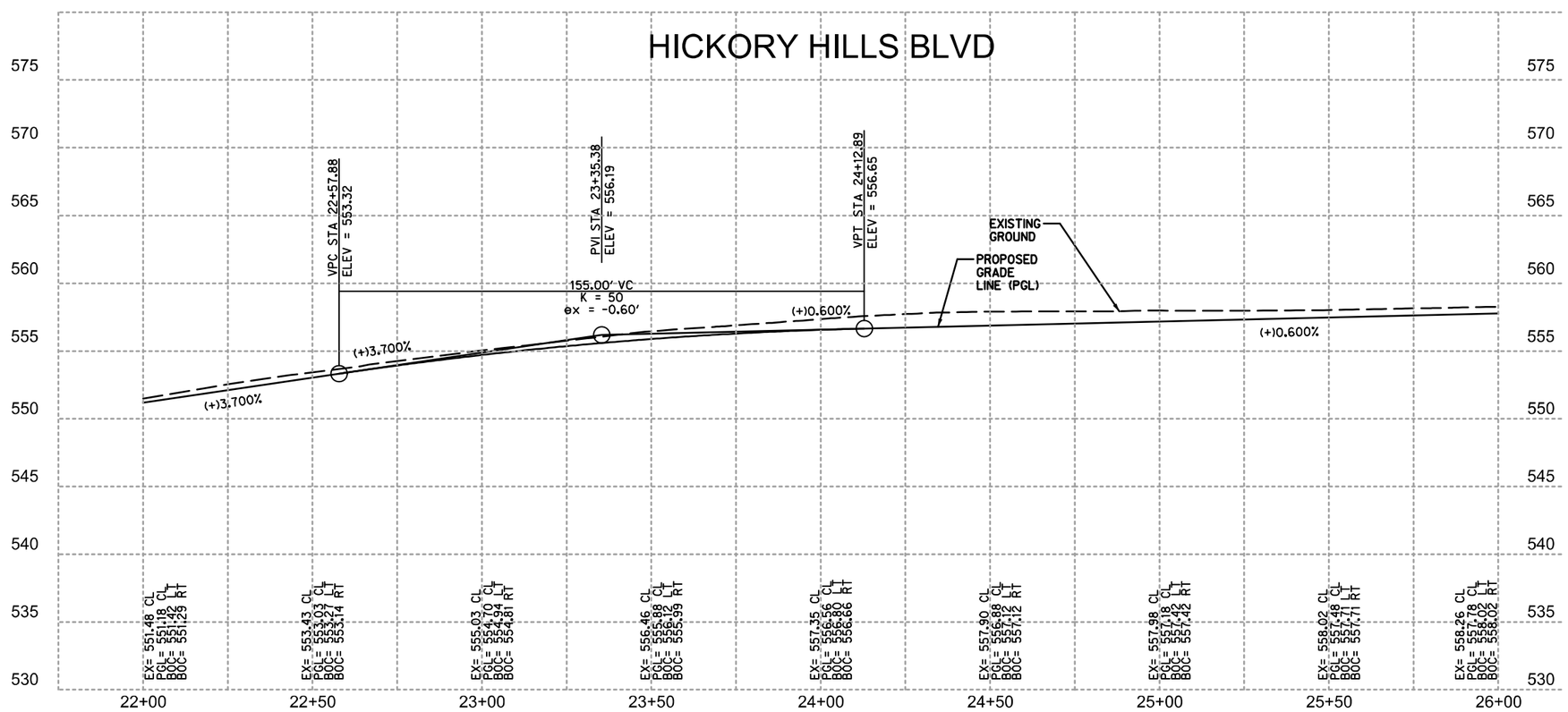
SHEET 67 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
HICKORY HILLS BLVD
STA 18+00 TO 22+00

P-03
Sheet Number





N

HORIZONTAL SCALE IN FEET: 0 10 20 40 60

VERTICAL SCALE IN FEET: 0 2.5 5 10 15

POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	22+30.39	13.50' LT	BC	PT
2	22+80.79	13.50' LT	BC	PI
3	23+07.25	13.50' LT	BC	PI
4	23+68.42	13.50' LT	BC	PI
5	23+78.63	13.50' LT	BC	PI
6	24+15.94	13.50' LT	BC	PI
7	24+55.48	13.50' LT	BC	PC
8	25+24.32	13.50' LT	BC	PT
9	22+07.59	13.50' RT	BC	PT
10	23+03.80	13.50' RT	BC	PI
11	23+33.85	13.50' RT	BC	PI
12	23+68.42	13.50' RT	BC	PI
13	24+15.25	13.50' RT	BC	PI
14	24+57.43	13.50' RT	BC	PI
15	24+72.67	13.50' RT	BC	PC
16	24+98.08	13.50' RT	BC	PT
17	25+37.04	13.50' RT	BC	PC
18	25+49.26	13.00' RT	FC	PT
19	25+51.85	13.00' RT	FC	PC
20	25+70.99	13.50' RT	BC	PT

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- PROPOSED ASPHALT PAVEMENT TYPE 'D' (2") TOP COURSE & TYPE 'B' (4") BASE COURSE 6" TREATED SUBGRADE
- PROPOSED SIDEWALK
- CONCRETE RIPRAP
- MULCH
- PROPOSED CONCRETE DRIVEWY 6" THICK WITH #3 BARS AT 12" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- SURFACE FLOW DIRECTION
- 1 ADJUST WATER VALVE TO FINAL GRADE
- 2 ADJUST FIRE HYDRANT TO FINAL GRADE
- 3 ADJUST WATER METER TO FINAL GRADE REPLACE WATER METER BOX.
- 4 ADJUST CONTROL VALVE TO FINAL GRADE
- 5 ADJUST SEWER CLEAN OUT TO FINAL GRADE
- 6 ADJUST OR INSTALL SEWER MANHOLE

NOTES:

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5. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY PRIOR CONSTRUCTION.
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7. ASPHALT TRANSITIONS SHALL CONSIST OF 2" OF TYPE 'D' TOP COURSE AND 6" OF TYPE 'B' (HOT MIX) BASE COURSE WITH 6" OF TREATED SUBGRADE.
8. CONCRETE RIPRAP SHALL BE 4" THICK WITH COMPRESSIVE STRENGTH 3000 PSI @ 28 DAYS. SEE TXDOT DETAIL SHEET PD-13 FOR REINFORCEMENT.

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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 956-0842
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
2		
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5		
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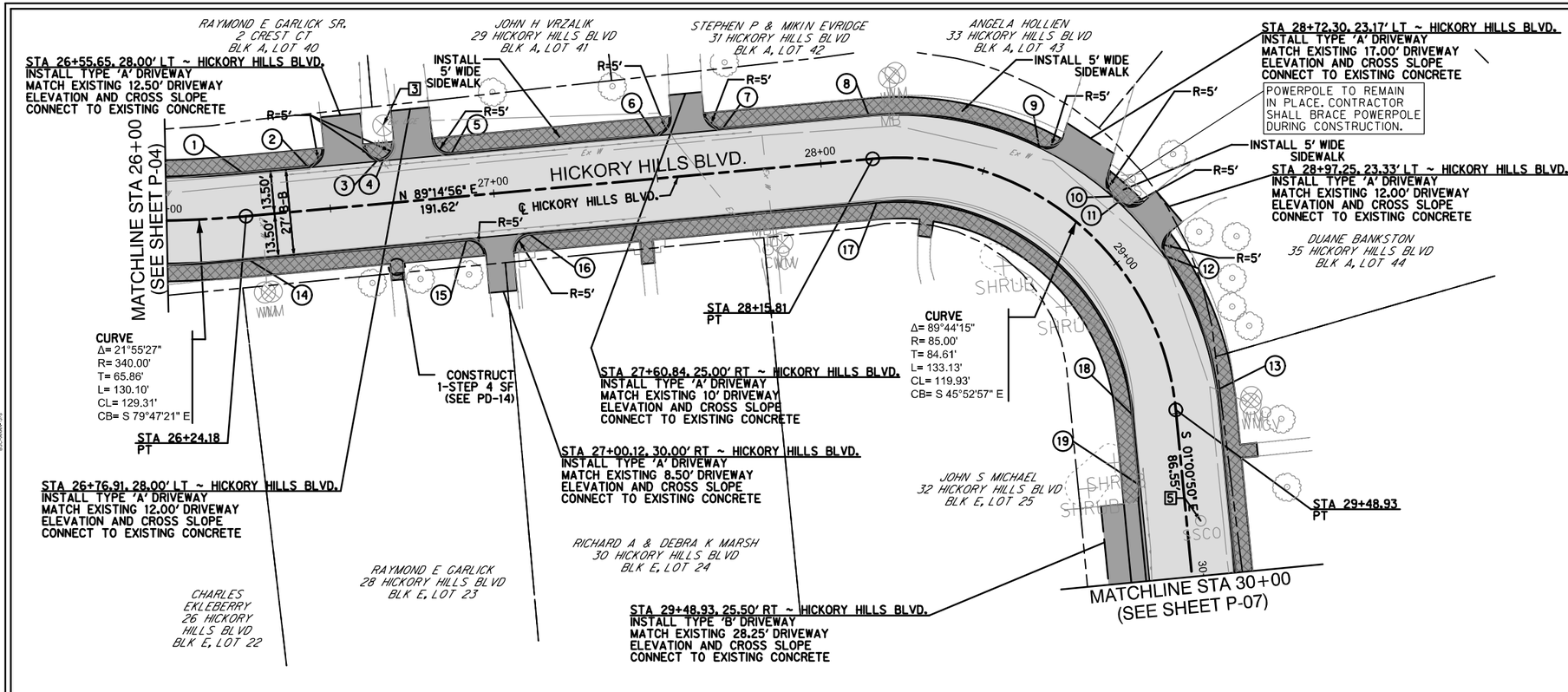
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-25-15

SHEET 68 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
HICKORY HILLS BLVD
STA 22+00 TO 26+00

P-04
Sheet Number



POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	26+24.18	13.50' LT	BC	PI
2	26+44.13	13.50' LT	BC	PC
3	26+65.69	13.35' LT	FC	PT
4	26+67.45	13.35' LT	FC	PC
5	26+88.31	13.50' LT	BC	PT
6	27+50.36	13.50' LT	BC	PC
7	27+71.32	13.50' LT	BC	PT
8	28+15.81	13.50' LT	BC	PI
9	28+61.88	13.50' LT	BC	PC
10	28+85.44	13.00' LT	FC	PT
11	28+87.68	13.00' LT	FC	PC
12	29+06.82	13.50' LT	BC	PT
13	29+48.93	13.50' LT	BC	PI
14	26+24.18	13.50' RT	BC	PI
15	26+90.39	13.50' RT	BC	PC
16	27+09.85	13.50' RT	BC	PT
17	28+15.81	13.50' RT	BC	PI
18	29+48.93	13.50' RT	BC	PI
19	29+70.45	13.50' RT	BC	PC

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
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- MULCH
- PROPOSED CONCRETE DRIVEWY 6" THICK WITH #3 BARS AT 12" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- SURFACE FLOW DIRECTION
- 1 ADJUST WATER VALVE TO FINAL GRADE
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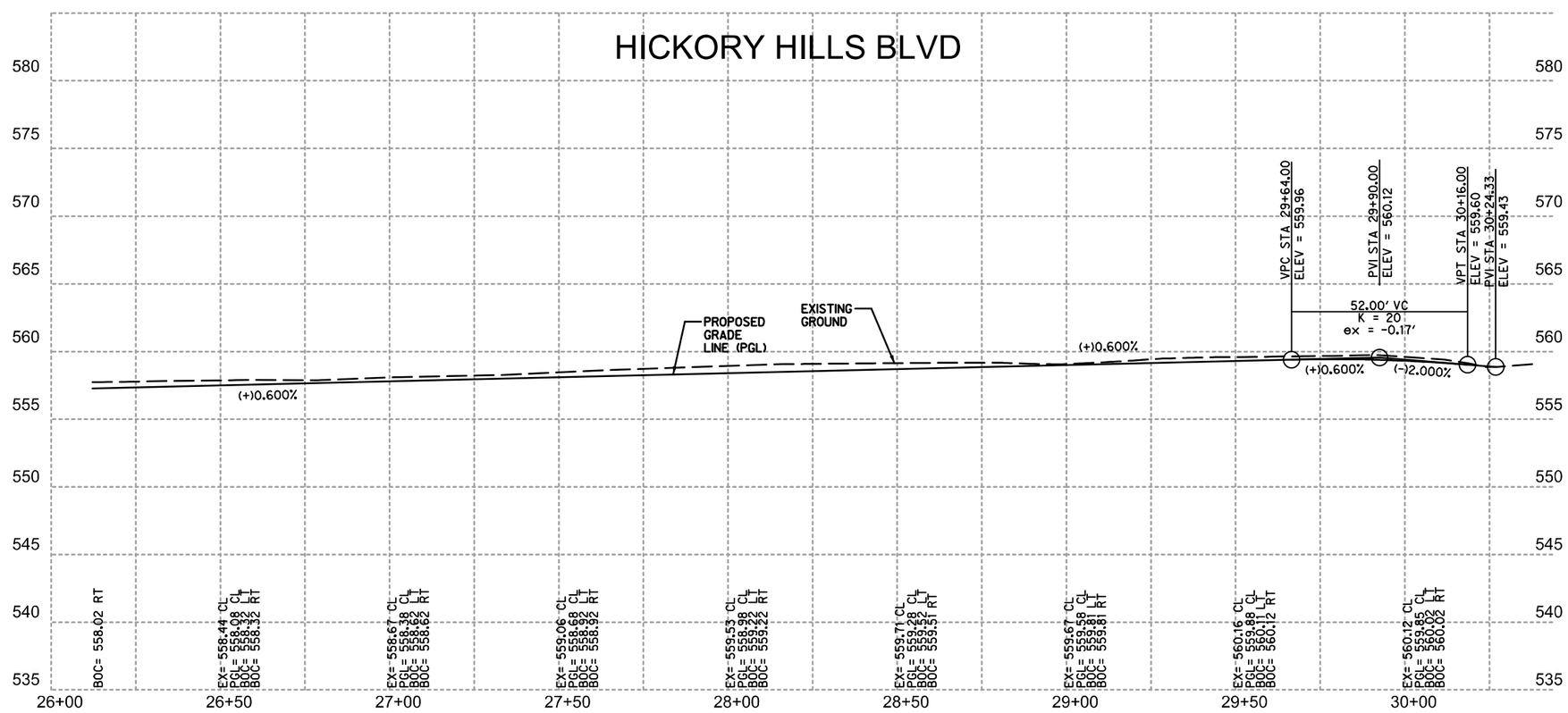
- 3 ADJUST WATER METER TO FINAL GRADE REPLACE WATER METER BOX.
- 4 ADJUST CONTROL VALVE TO FINAL GRADE
- 5 ADJUST SEWER CLEAN OUT TO FINAL GRADE
- 6 ADJUST OR INSTALL SEWER MANHOLE



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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1901 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 556-0942
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
2		
3		
4		
5		
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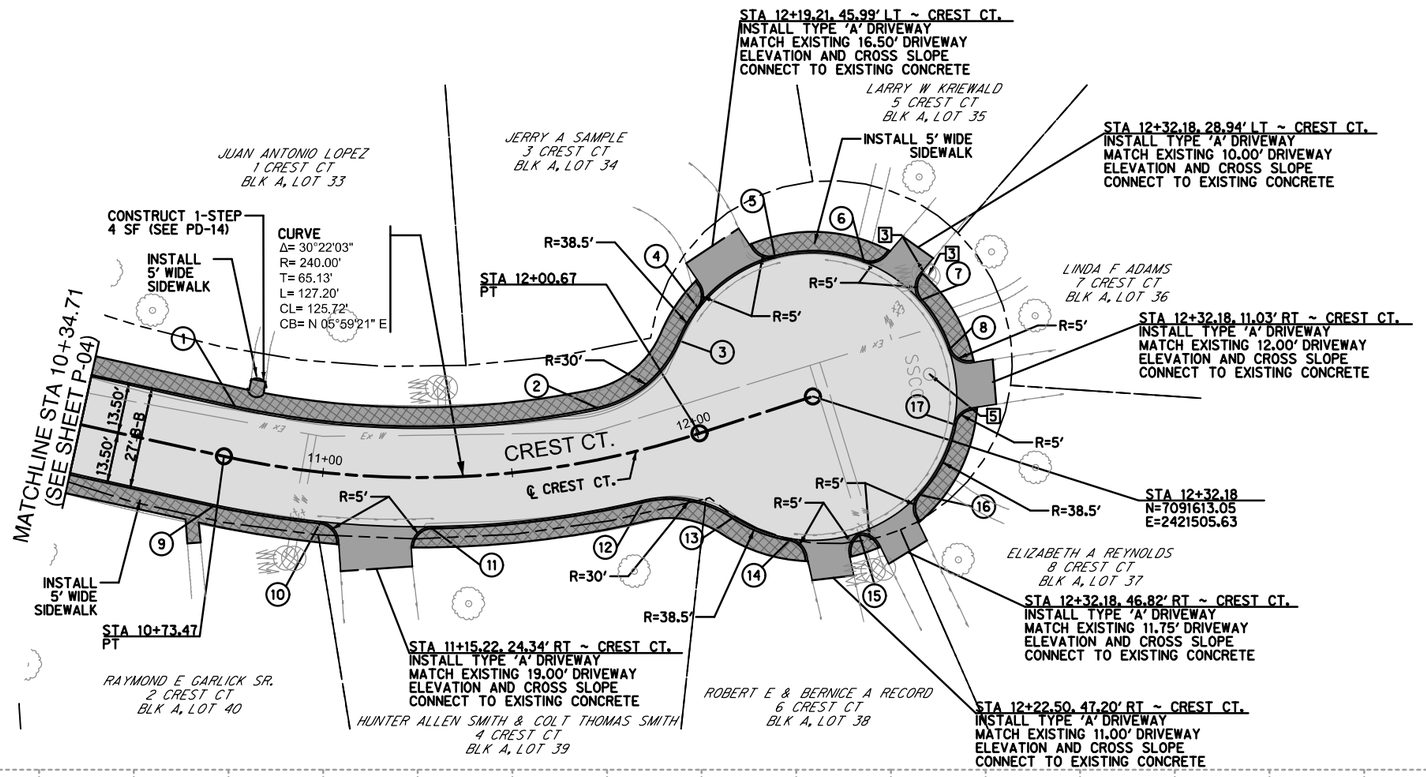
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-25-15

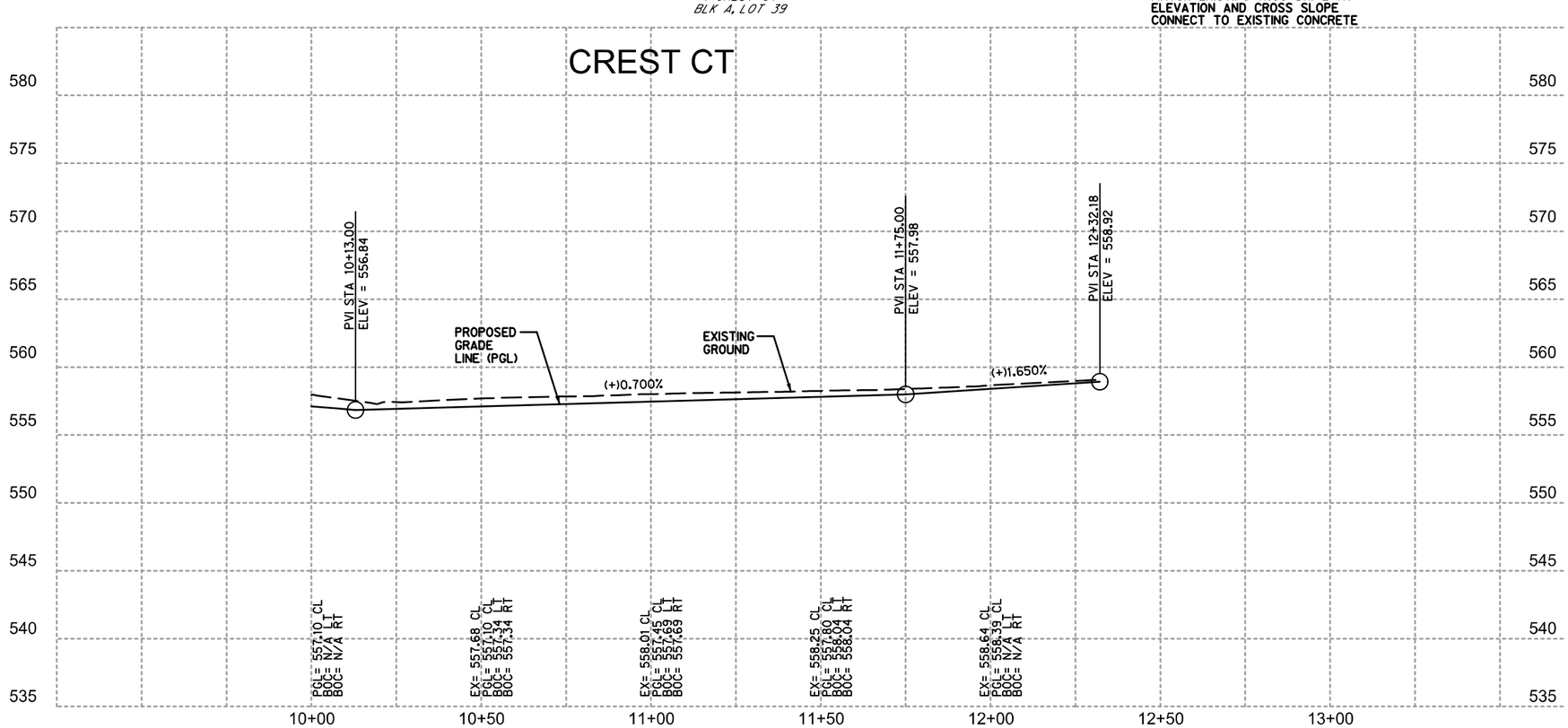
SHEET 69 OF 137

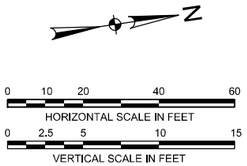
Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
HICKORY HILLS BLVD
STA 26+00 TO END

P-05
Sheet Number







POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	10+73.47	13.50' LT	BC	PI
2	11+75.58	13.50' LT	BC	PI
3	12+02.94	25.05' LT	BC	PI
4	12+10.50	31.82' LT	BC	PC
5	12+32.18	38.45' LT	BC	PT
6	12+32.18	30.17' LT	BC	PC
7	12+32.18	15.44' LT	BC	PT
8	12+32.18	0.90' LT	BC	PC
9	10+73.47	13.50' RT	BC	PI
10	11+00.57	13.50' RT	BC	PC
11	11+28.61	13.50' RT	FC	PT
12	11+81.94	13.50' RT	BC	PI
13	12+02.04	23.96' RT	BC	PI
14	12+14.54	34.22' RT	BC	PC
15	12+32.18	38.12' RT	BC	PI
16	12+32.18	33.50' RT	BC	PT
17	12+32.18	18.78' RT	BC	PT

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1901 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 956-0842
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
2		
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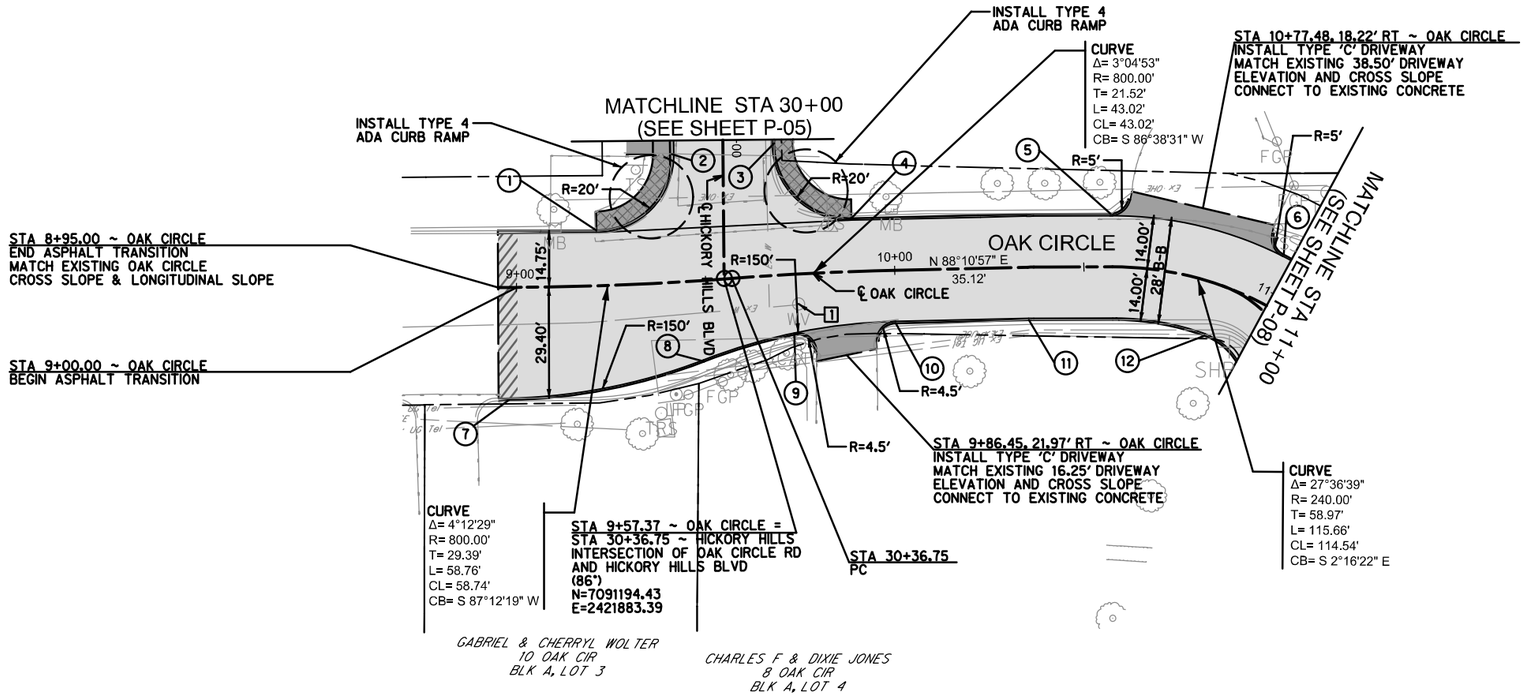
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-20-15

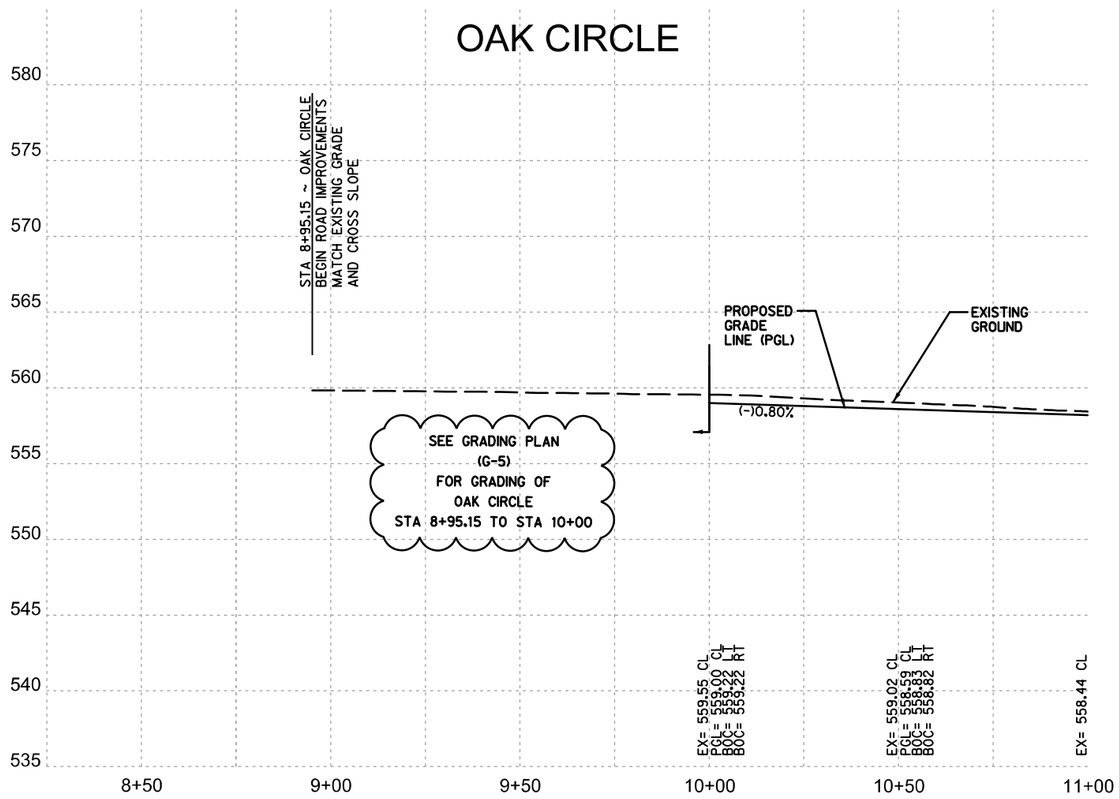
SHEET 70 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
CREST CT
BEGIN TO END

P-06
Sheet Number





N

0 10 20 40 60
HORIZONTAL SCALE IN FEET

0 2.5 5 10 15
VERTICAL SCALE IN FEET

POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	9+21.56	14.62' LT	BC	PC
2	9+43.10	33.86' LT	BC	PT
3	9+70.22	34.86' LT	FC	PC
4	9+89.12	14.08' LT	FC	PT
5	10+57.15	14.00' LT	BC	PC
6	10+97.91	14.00' LT	BC	PT
7	8+97.85	29.77' RT	BC	PC
8	9+48.17	21.37' RT	BC	PT
9	9+72.55	15.98' RT	BC	PC
10	10+00.00	14.00' RT	FC	PT
11	10+35.41	14.01' RT	FC	PC
12	10+87.13	14.00' RT	BC	PT

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- PROPOSED ASPHALT PAVEMENT TYPE 'D' (2") TOP COURSE & TYPE 'B' (4") BASE COURSE 6" TREATED SUBGRADE
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- SURFACE FLOW DIRECTION
- 1 ADJUST WATER VALVE TO FINAL GRADE
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NOTES:

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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 956-0842
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
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5		
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7		

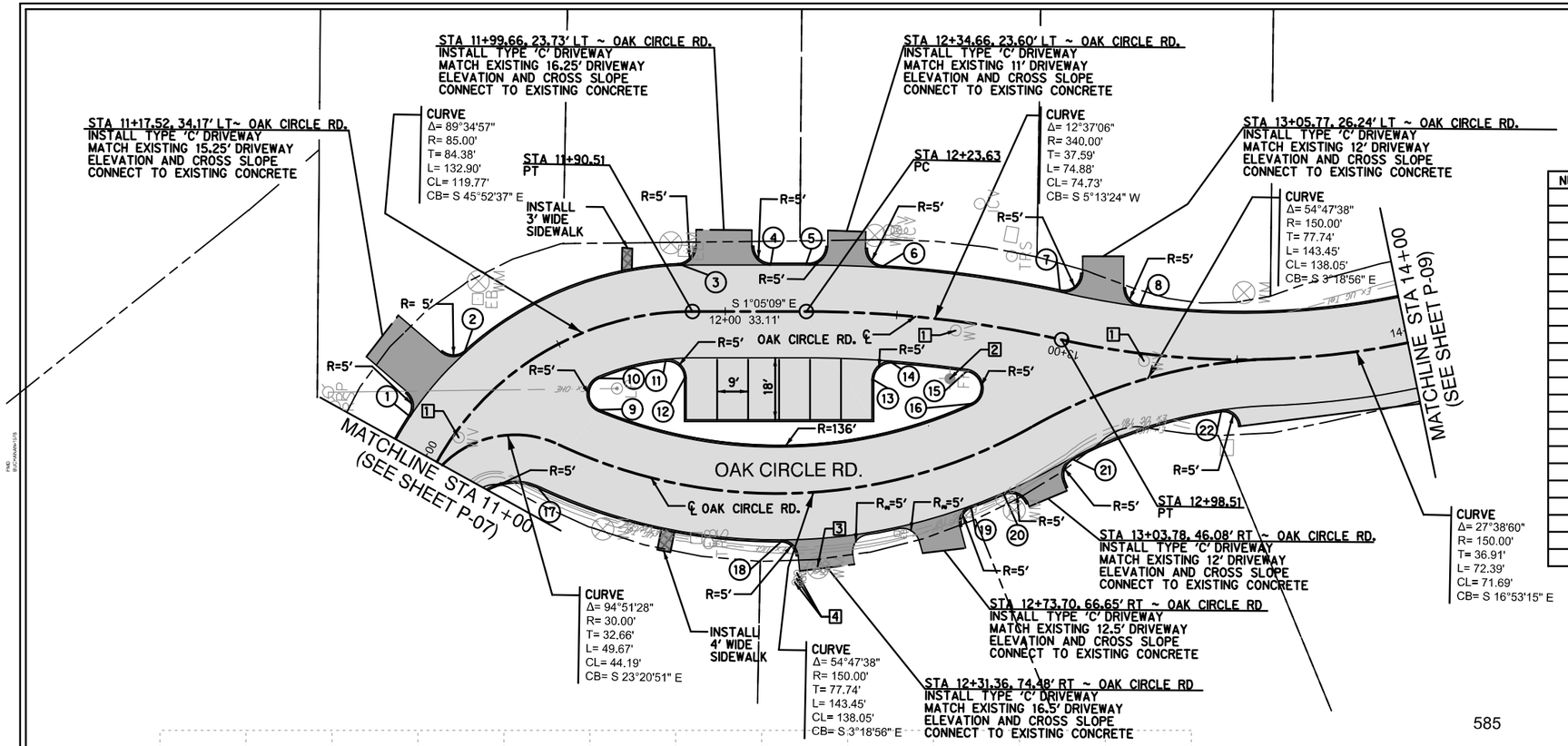
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-25-15

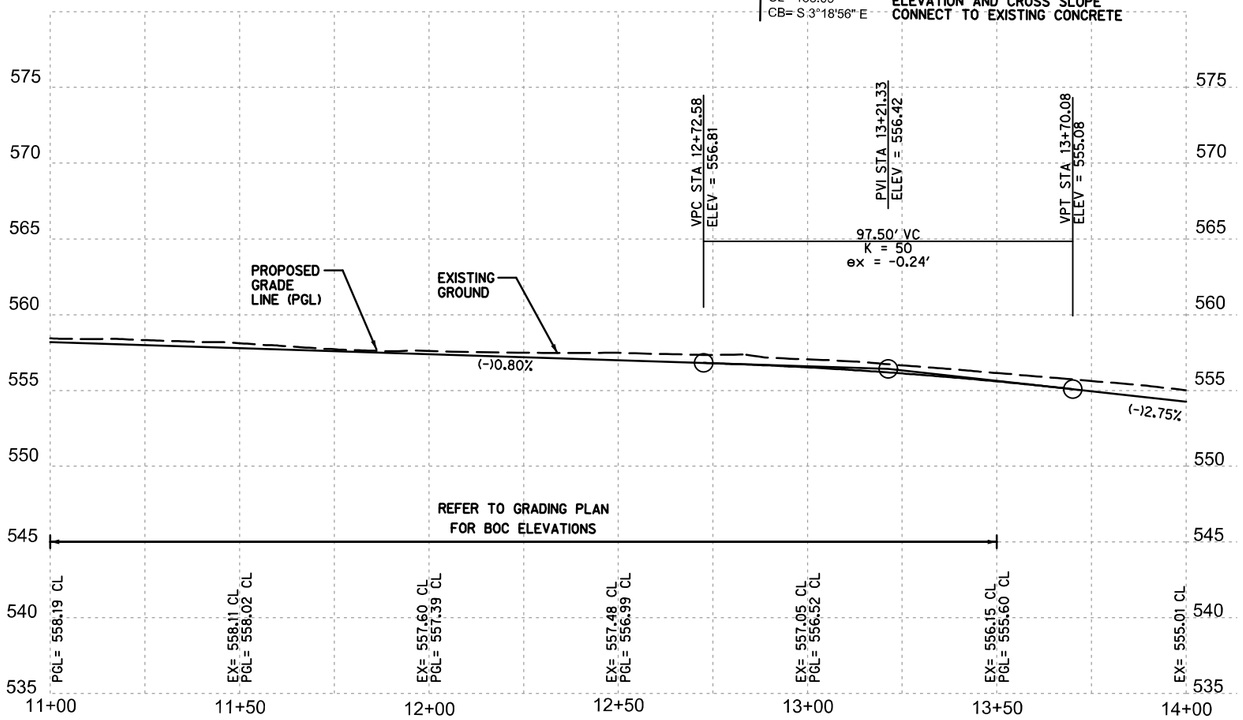
SHEET 71 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
OAK CIRCLE
BEGIN TO STA 11+00

P-07
Sheet Number





N

0 10 20 40 60
HORIZONTAL SCALE IN FEET

0 2.5 5 10 15
VERTICAL SCALE IN FEET

POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	11+06.77	14.00' LT	BC	PC
2	11+28.26	14.00' LT	BC	PT
3	11+86.86	14.00' LT	BC	PC
4	12+13.27	14.00' LT	BC	PT
5	12+23.63	14.00' LT	BC	PC
6	12+45.15	14.00' LT	BC	PT
7	12+95.06	14.00' LT	BC	PC
8	13+19.91	14.00' LT	BC	PT
9	11+52.39	22.44' RT	BC	PC
10	11+57.20	14.00' RT	BC	PT
11	11+81.06	14.00' RT	BC	PC
12	11+87.51	19.31' RT	BC	PT
13	12+44.38	19.31' RT	BC	PC
14	12+49.67	14.00' RT	BC	PT
15	12+72.47	14.00' RT	BC	PC
16	12+75.36	23.20' RT	BC	PT
17	11+11.68	14.00' RT	BC	PT
18	12+16.28	14.00' RT	BC	PC
19	12+80.75	14.00' RT	BC	PT
20	12+90.83	14.00' RT	BC	PC
21	13+07.98	14.00' RT	BC	PT
22	13+45.71	14.00' RT	BC	PC

PAVING LEGEND

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HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 556-0842
TBPE FIRM NO. F-312

Revision		
No.	Date	Description
A	A_Date	
B	B_Date	
C	C_Date	
D	D_Date	
E	E_Date	
F	F_Date	F_Desc
G	G_Date	

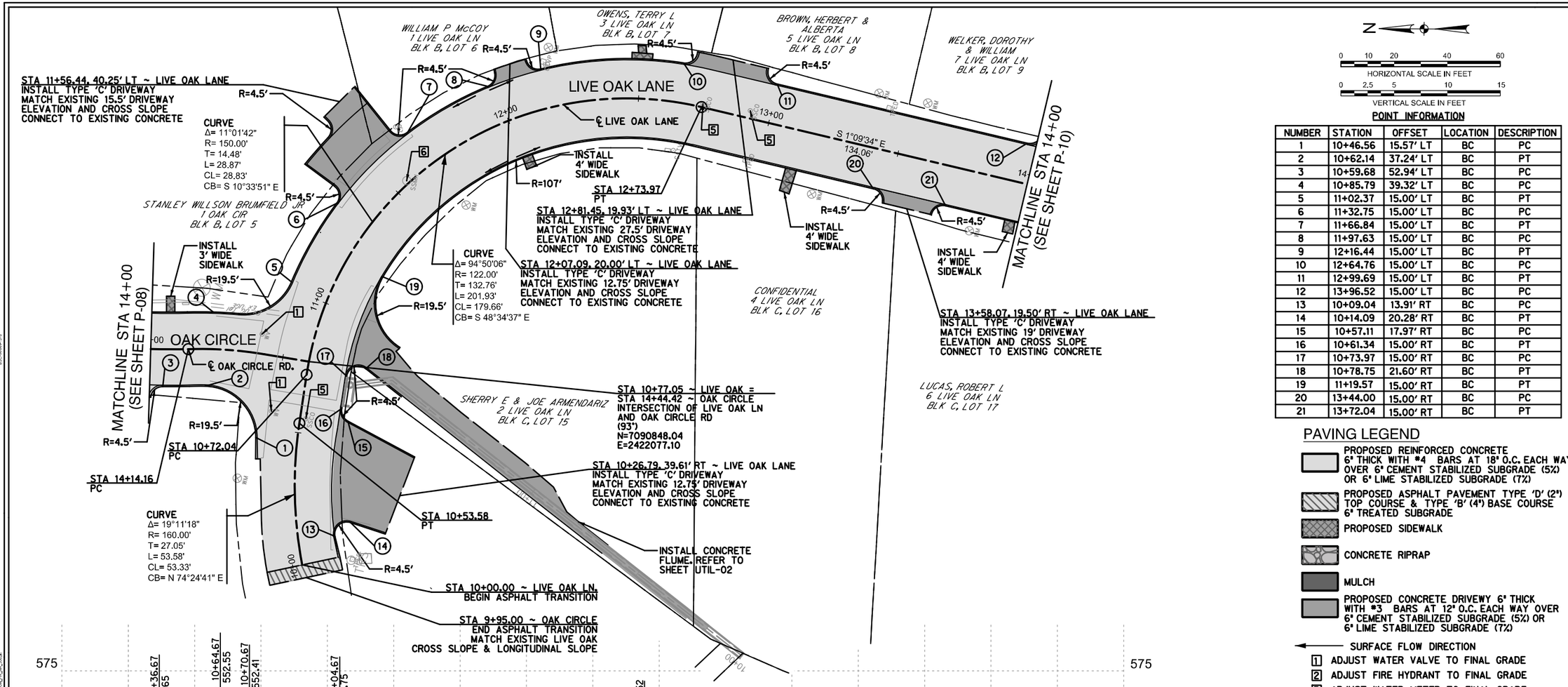
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-20-15

SHEET 72 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
OAK CIRCLE
STA 11+00 TO 14+00

P-08
Sheet Number



N

0 10 20 40 60
HORIZONTAL SCALE IN FEET

0 2.5 5 10 15
VERTICAL SCALE IN FEET

POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	10+46.56	15.57' LT	BC	PC
2	10+62.14	37.24' LT	BC	PT
3	10+59.68	52.94' LT	BC	PC
4	10+85.79	39.32' LT	BC	PC
5	11+02.37	15.00' LT	BC	PT
6	11+32.75	15.00' LT	BC	PC
7	11+66.84	15.00' LT	BC	PT
8	11+97.63	15.00' LT	BC	PC
9	12+16.44	15.00' LT	BC	PT
10	12+64.76	15.00' LT	BC	PC
11	12+99.69	15.00' LT	BC	PT
12	13+96.52	15.00' LT	BC	PC
13	10+09.04	13.91' RT	BC	PC
14	10+14.09	20.28' RT	BC	PT
15	10+57.11	17.97' RT	BC	PC
16	10+61.34	15.00' RT	BC	PT
17	10+73.97	15.00' RT	BC	PC
18	10+78.75	21.60' RT	BC	PT
19	11+19.57	15.00' RT	BC	PT
20	13+44.00	15.00' RT	BC	PC
21	13+72.04	15.00' RT	BC	PT

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- PROPOSED ASPHALT PAVEMENT TYPE 'D' (2") TOP COURSE & TYPE 'B' (4") BASE COURSE 6" TREATED SUBGRADE
- PROPOSED SIDEWALK
- CONCRETE RIPRAP
- MULCH
- PROPOSED CONCRETE DRIVEWY 6" THICK WITH #3 BARS AT 12" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- SURFACE FLOW DIRECTION
- 1 ADJUST WATER VALVE TO FINAL GRADE
- 2 ADJUST FIRE HYDRANT TO FINAL GRADE
- 3 ADJUST WATER METER TO FINAL GRADE REPLACE WATER METER BOX.
- 4 ADJUST CONTROL VALVE TO FINAL GRADE
- 5 ADJUST SEWER CLEAN OUT TO FINAL GRADE
- 6 ADJUST OR INSTALL SEWER MANHOLE

NOTES:

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3. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION.
4. CONTRACTOR SHALL MATCH EDGE OF PROPOSED PAVEMENT TO ALL EXISTING DRIVEWAYS.
5. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY PRIOR CONSTRUCTION.
6. SEE PROPOSED TYPICAL SECTIONS FOR SUB-GRADE TREATEMENT OPTIONS.
7. ASPHALT TRANSITIONS SHALL CONSIST OF 2" OF TYPE 'D' TOP COURSE AND 6" OF TYPE 'B' (HOT MIX) BASE COURSE WITH 6" OF TREATED SUBGRADE.
8. CONCRETE RIPRAP SHALL BE 4" THICK WITH COMPRESSIVE STRENGTH 3000 PSI @ 28 DAYS. SEE TXDOT DETAIL SHEET PD-13 FOR REINFORCEMENT.

Existing utility locations shown are generally schematic in nature and may not accurately reflect the size and location of each particular utility. Some utility lines and surface locations may not be shown. Contractor shall assume responsibility for actual field location and protection of existing utilities whether shown or not. Contractor shall also assume responsibility for repairs to existing utilities, whether shown or not, damaged by contractor's activities. Differences in horizontal or vertical location of existing utilities shall not be a basis for additional compensation.

HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1901 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1881
FAX (972) 556-0942
TBPE FIRM NO. F-312

Revision		
No.	Date	Description
A	A_Date	A_Desc
B	B_Date	B-Desc
C	C_Date	C_Desc
D	D_Date	D_Desc
E	E_Date	E_Desc
F	F_Date	F_Desc
G	G_Date	G_Desc

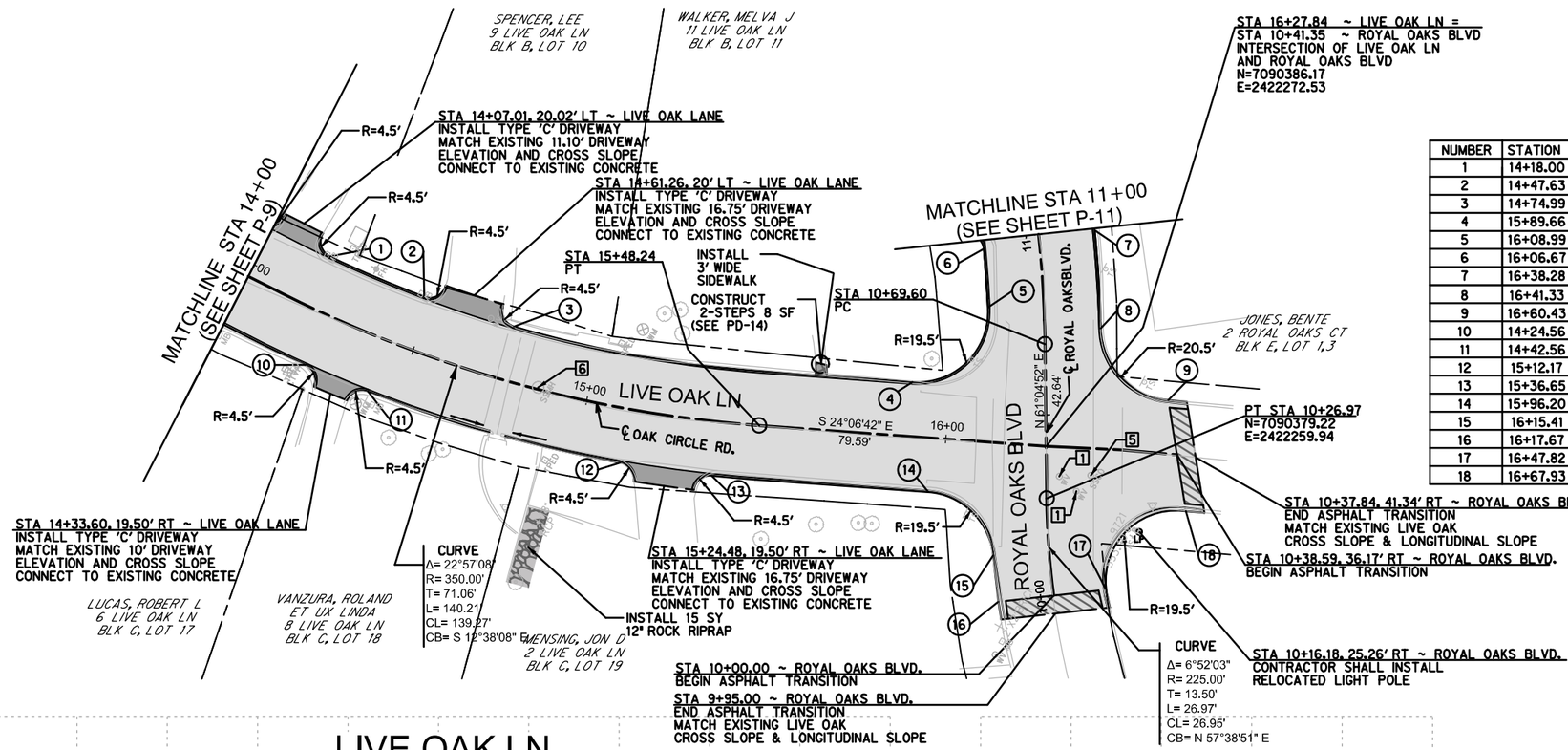
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-24-15

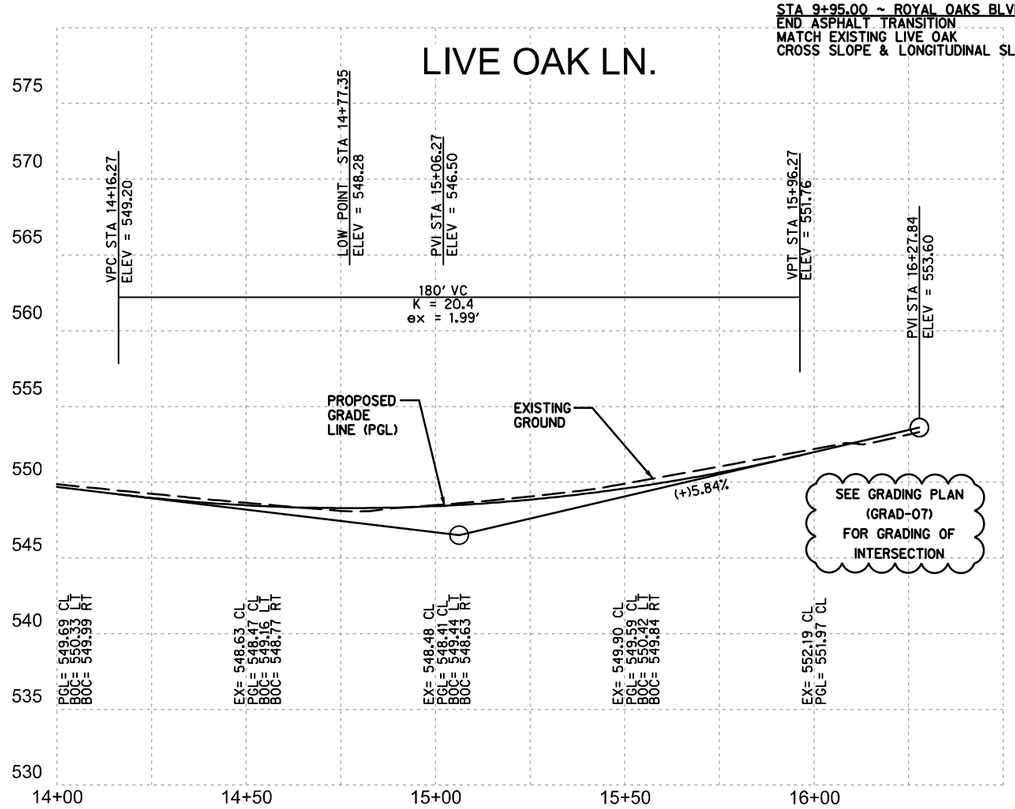
SHEET 73 OF 137

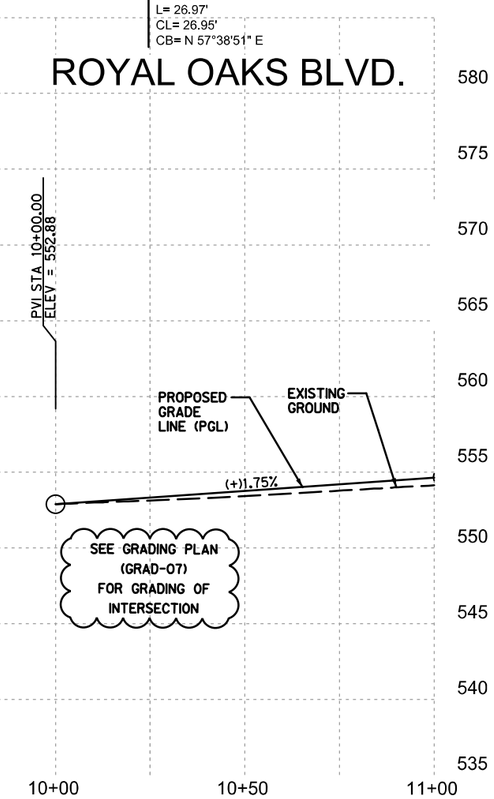
Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
LIVE OAK LN
BEGIN TO STA 14+00

P-09
Sheet Number







N

0 10 20 40 60
HORIZONTAL SCALE IN FEET

0 2.5 5 10 15
VERTICAL SCALE IN FEET

POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION	ROAD
1	14+18.00	15.00' LT	BC	PI	LIVE OAK LN.
2	14+47.63	15.00' LT	BC	PC	LIVE OAK LN.
3	14+74.99	15.00' LT	FC	PT	LIVE OAK LN.
4	15+89.66	15.00' LT	FC	PC	LIVE OAK LN.
5	16+08.99	37.09' LT	BC	PT	ROYAL OAKS
6	16+06.67	53.18' LT	BC	PC	ROYAL OAKS
7	16+38.28	60.53' LT	BC	PT	ROYAL OAKS
8	16+41.33	33.35' LT	BC	PT	ROYAL OAKS
9	16+60.43	14.79' LT	BC	PT	ROYAL OAKS
10	14+24.56	15.00' RT	BC	PT	LIVE OAK LN.
11	14+42.56	15.00' RT	BC	PT	LIVE OAK LN.
12	15+12.17	15.00' RT	BC	PT	LIVE OAK LN.
13	15+36.65	15.00' RT	BC	PT	LIVE OAK LN.
14	15+96.20	15.00' RT	BC	PT	LIVE OAK LN.
15	16+15.41	31.13' RT	BC	PT	ROYAL OAKS
16	16+17.67	43.86' RT	BC	PT	ROYAL OAKS
17	16+47.82	38.76' RT	BC	PT	ROYAL OAKS
18	16+67.93	15.29' RT	BC	PT	ROYAL OAKS

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- PROPOSED ASPHALT PAVEMENT TYPE 'D' (2") TOP COURSE & TYPE 'B' (4") BASE COURSE 6" TREATED SUBGRADE
- PROPOSED SIDEWALK
- CONCRETE RIPRAP
- MULCH
- PROPOSED CONCRETE DRIVEWY 6" THICK WITH #3 BARS AT 12" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- SURFACE FLOW DIRECTION
- 1 ADJUST WATER VALVE TO FINAL GRADE
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- 5 ADJUST SEWER CLEAN OUT TO FINAL GRADE
- 6 ADJUST OR INSTALL SEWER MANHOLE

NOTES:

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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1901 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1199
FAX (972) 956-0842
TBPE FIRM NO.F-312

No.	Date	Revision Description
1		
2		
3		
4		
5		
6		
7		

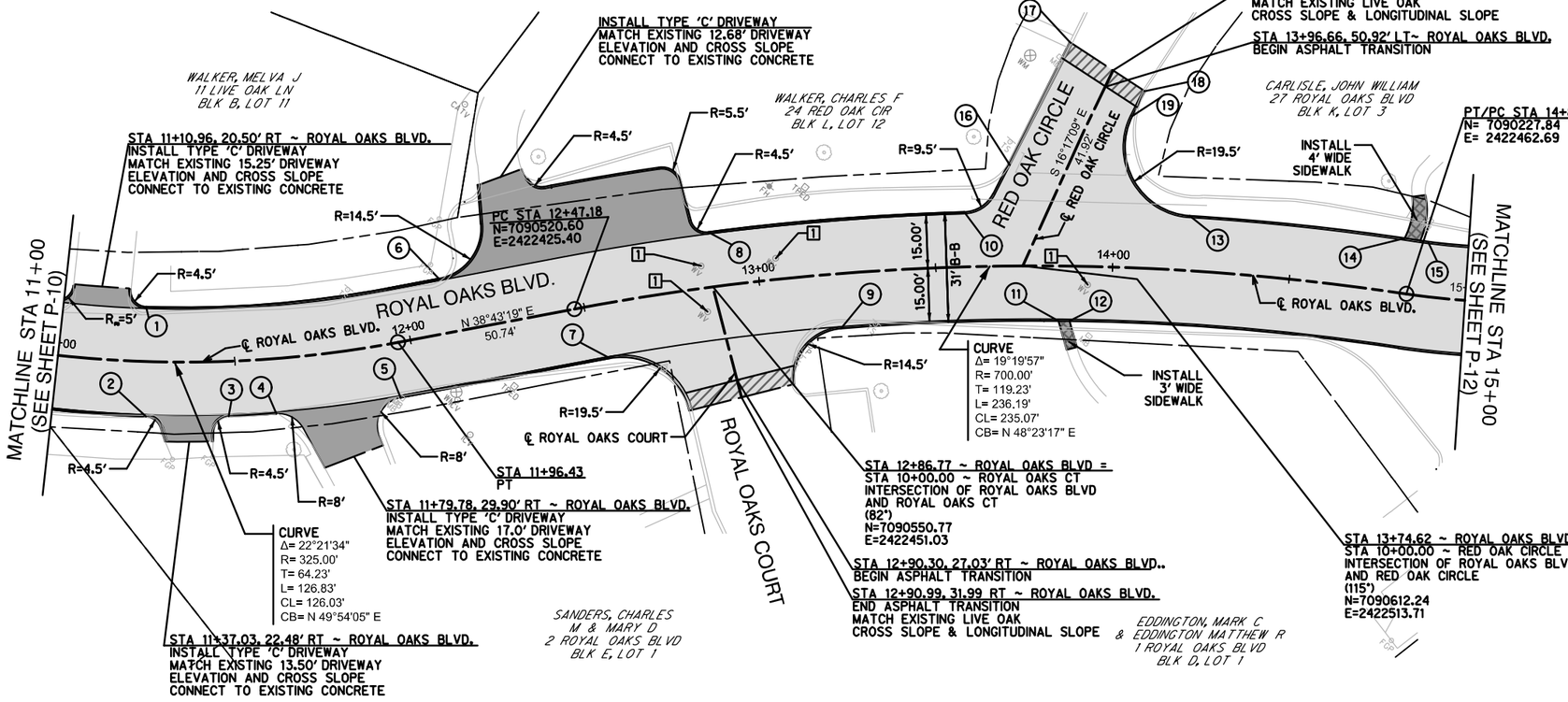
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-24-15

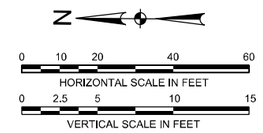
SHEET 74 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
LIVE OAK LN
STA 14+00 TO END

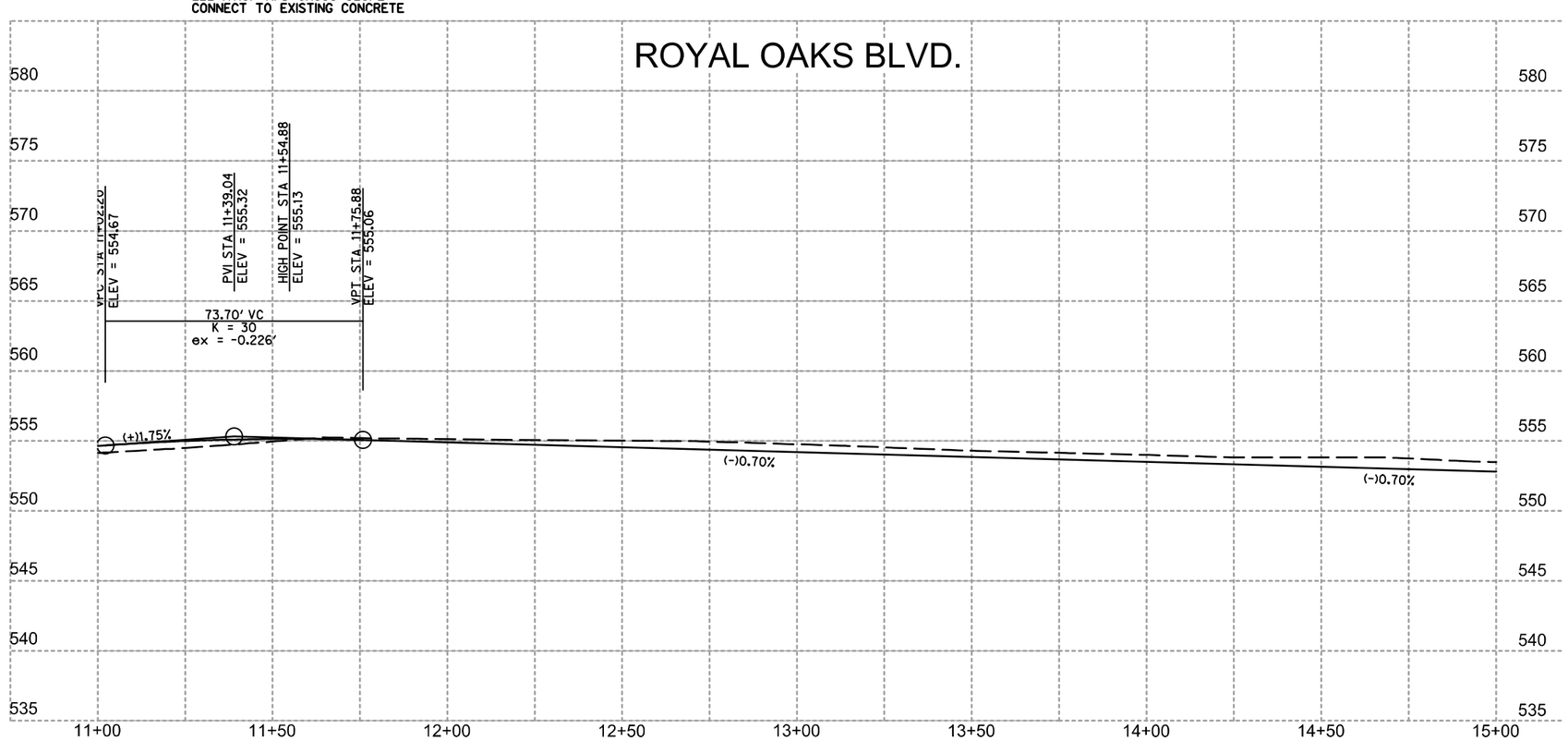
P-10
Sheet Number





POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	11+24.42	15.50 LT	BC	PI
2	11+25.43	15.50 RT	BC	PC
3	11+47.73	15.50 RT	FC	PT
4	11+60.58	15.50 RT	FC	PC
5	11+94.38	15.50 RT	BC	PT
6	12+11.13	15.50 LT	BC	PC
7	12+54.62	15.50 RT	BC	PT
8	12+87.49	15.50 LT	BC	PI
9	13+22.00	15.50 RT	BC	PC
10	13+58.48	15.50 LT	FC	PT
11	13+84.89	15.50 RT	FC	PC
12	13+88.03	15.50 RT	BC	PT
13	14+20.88	15.50 LT	BC	PI
14	14+80.56	15.50 LT	BC	PC
15	14+87.15	15.50 LT	BC	PI
16	13+71.23	28.51 LT	BC	
17	13+87.05	63.32 LT	BC	
18	14+07.04	50.02 LT	BC	
19	14+03.97	42.85 LT	BC	



PAVING LEGEND

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- PROPOSED CONCRETE DRIVEWY 6" THICK WITH #3 BARS AT 12" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1901 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1111
FAX (972) 556-0942
TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
2		
3		
4		
5		
6		
7		

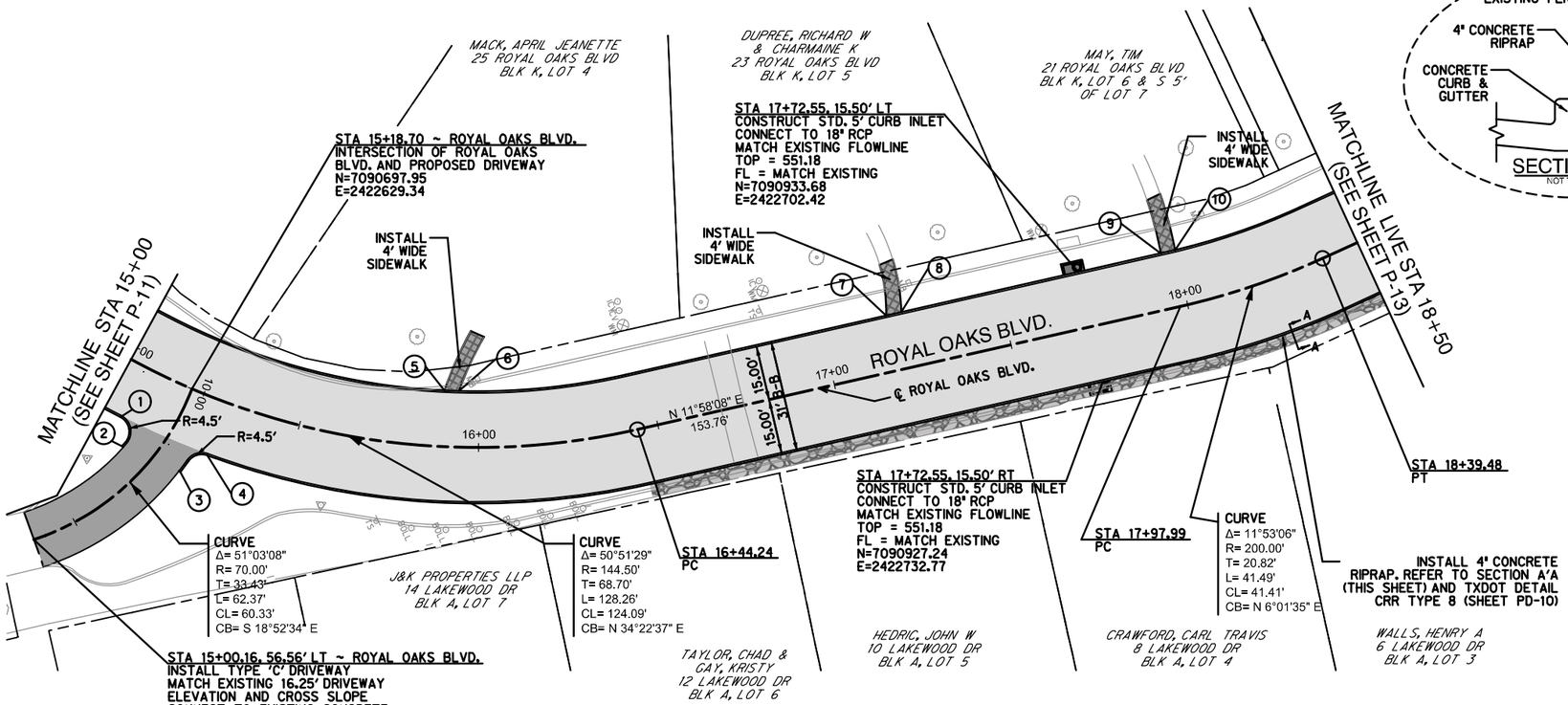
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-24-15

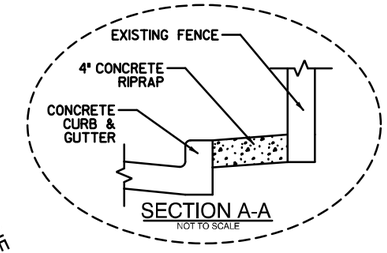
SHEET 75 OF 137

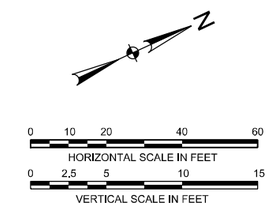
Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

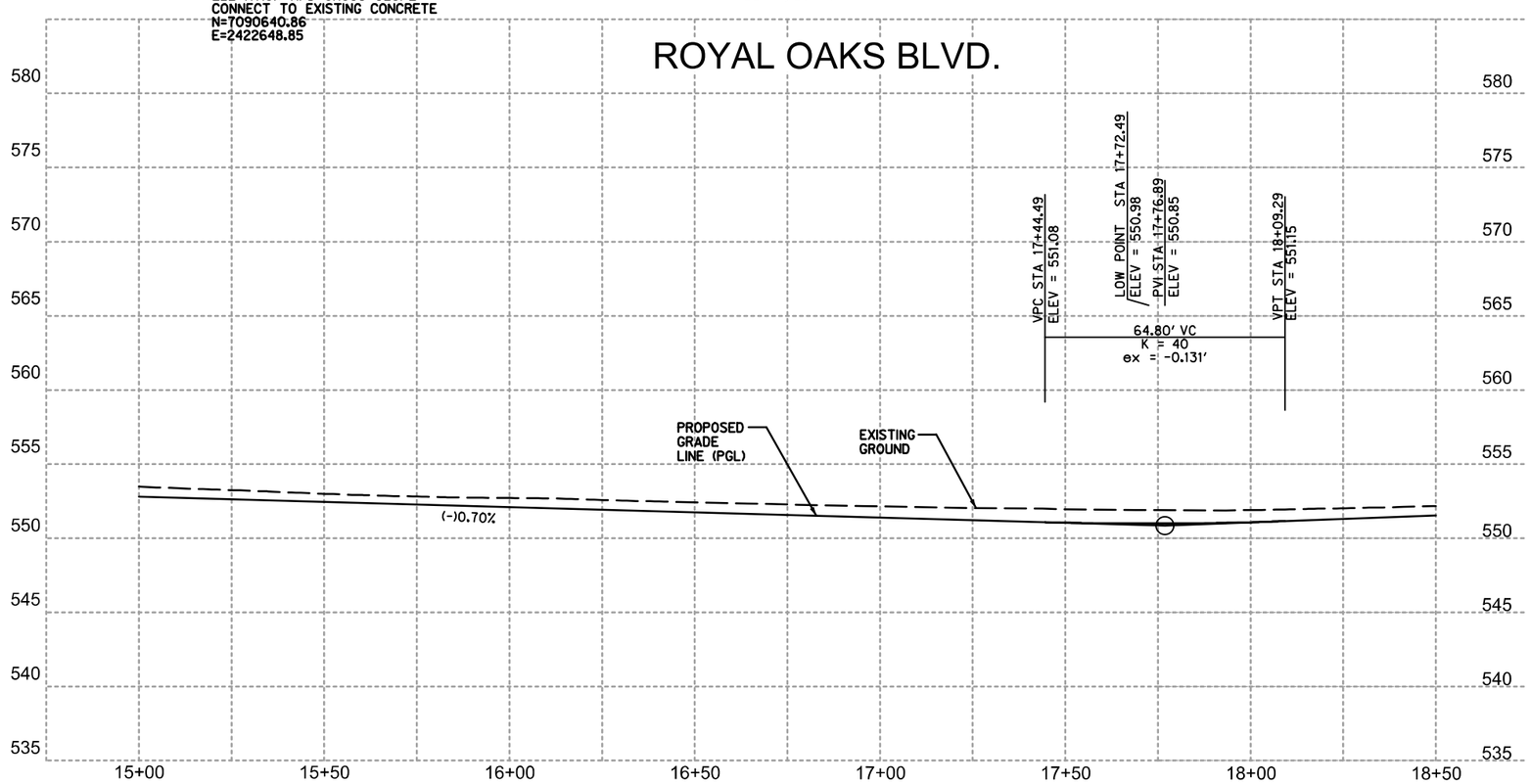
Sheet Title
PAVING PLAN
ROYAL OAKS BLVD
STA 11+00 TO 15+00

P-11
Sheet Number









POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	15+04.68	15.50 RT	BC	PI
2	15+08.31	22.47 RT	BC	PI
3	15+24.18	22.48 RT	BC	PI
4	15+29.01	15.50 RT	BC	PC
5	15+89.84	15.50 LT	FC	PT
6	15+94.22	15.50 LT	FC	PC
7	17+18.13	15.50 LT	BC	PT
8	17+22.51	15.50 LT	BC	PC
9	17+95.91	15.50 LT	BC	PT
10	18+00.13	15.50 LT	BC	PI

PAVING LEGEND

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HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
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HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1111
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TBPE FIRM NO. F-312

Revision No.	Date	Description
1		
2		
3		
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5		
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7		

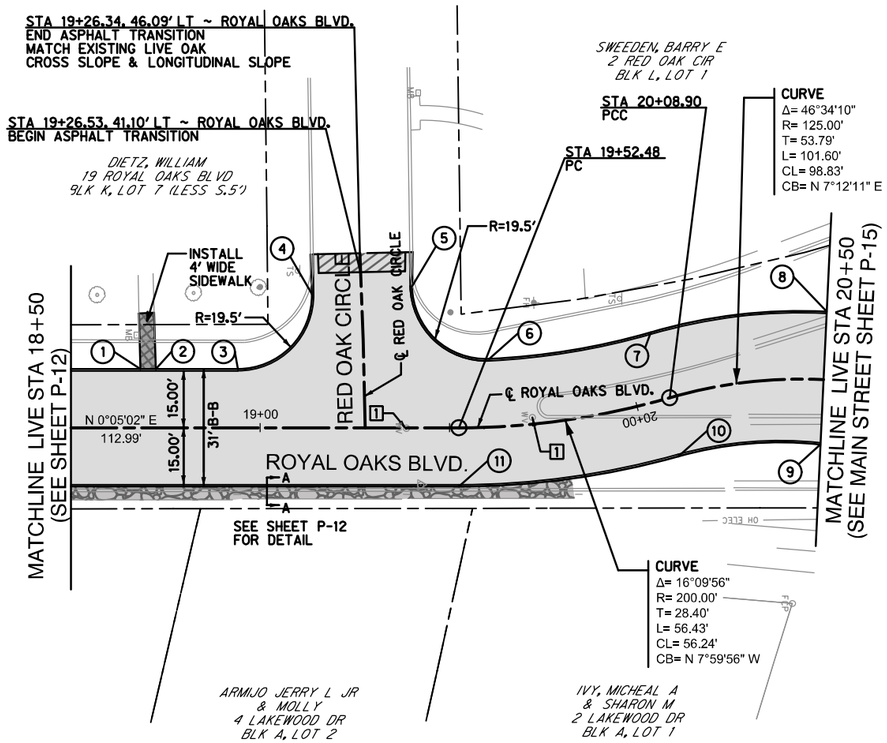
STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-20-15

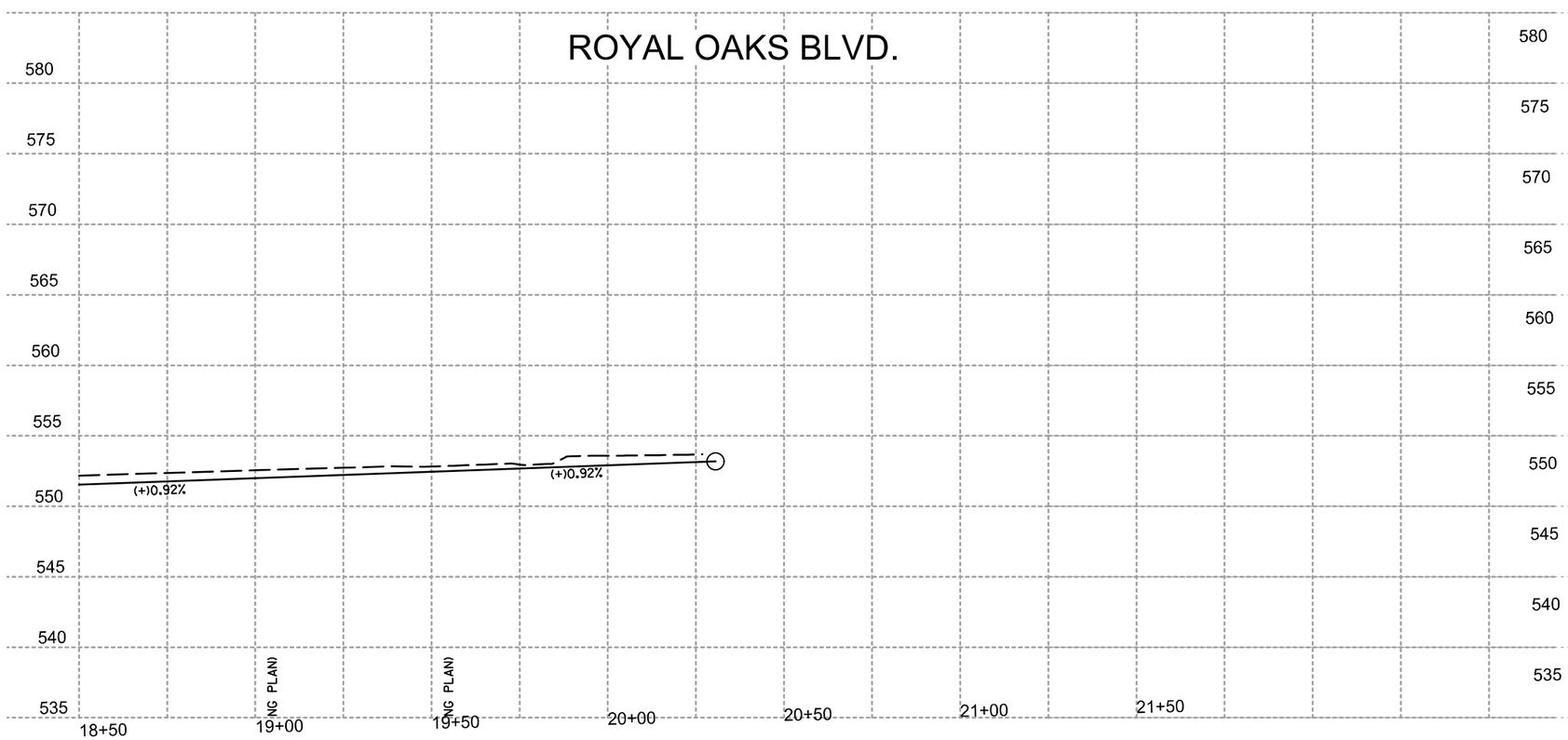
SHEET 76 OF 137

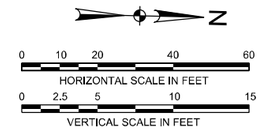
Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
ROYAL OAKS BLVD
STA 15+00 TO 18+50

P-12
Sheet Number







POINT INFORMATION

NUMBER	STATION	OFFSET	LOCATION	DESCRIPTION
1	18+68.33	15.50 LT	BC	PI
2	18+72.77	15.50 LT	BC	PC
3	18+94.16	15.50 LT	BC	PT
4	19+13.65	35.30 LT	BC	PT
5	19+40.14	37.38 LT	BC	PT
6	19+61.29	18.00 LT	BC	PC
7	20+08.90	18.00 LT	BC	PT
8	20+50.00	18.00 LT	BC	PI
9	20+50.00	17.20 RT	BC	PI
10	20+06.96	15.50 RT	BC	PC
11	19+52.48	15.50 RT	BC	PT

PAVING LEGEND

- PROPOSED REINFORCED CONCRETE 6" THICK WITH #4 BARS AT 18" O.C. EACH WAY OVER 6" CEMENT STABILIZED SUBGRADE (5%) OR 6" LIME STABILIZED SUBGRADE (7%)
- PROPOSED ASPHALT PAVEMENT TYPE 'D' (2") TOP COURSE & TYPE 'B' (4") BASE COURSE 6" TREATED SUBGRADE
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5. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY PRIOR CONSTRUCTION.
6. SEE PROPOSED TYPICAL SECTIONS FOR SUB-GRADE TREATEMENT OPTIONS.
7. ASPHALT TRANSITIONS SHALL CONSIST OF 2" OF TYPE 'D' TOP COURSE AND 6" OF TYPE 'B' (HOT MIX) BASE COURSE WITH 6" OF TREATED SUBGRADE.
8. CONCRETE RIPRAP SHALL BE 4" THICK WITH COMPRESSIVE STRENGTH 3000 PSI @ 28 DAYS. SEE TXDOT DETAIL SHEET PD-13 FOR REINFORCEMENT.

Existing utility locations shown are generally schematic in nature and may not accurately reflect the size and location of each particular utility. Some utility lines and surface locations may not be shown. Contractor shall assume responsibility for actual field location and protection of existing utilities whether shown or not. Contractor shall also assume responsibility for repairs to existing utilities, whether shown or not, damaged by contractor's activities. Differences in horizontal or vertical location of existing utilities shall not be a basis for additional compensation.

HICKORY CREEK 2015 ROADWAY CIP

HICKORY HILLS BLVD,
CREST COURT, OAK CIRCLE,
LIVE OAK DR., & ROYAL OAKS BLVD

HICKORY CREEK, TEXAS

HICKORY CREEK TX

HALFF
1001 CROSS TIMBERS RD. SUITE 2020
FLOWER MOUND, TEXAS 75028-8829
TEL (972) 539-1111
FAX (972) 556-0842
TBPE FIRM NO.:F-312

Revision No.	Date	Description
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5		
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STATE OF TEXAS
James S.R. Goertner
100431
LICENSED PROFESSIONAL ENGINEER
11-30-15

SHEET 77 OF 137

Project No.:	30138
Issued:	11/24/2015
Drawn By:	JWB
Checked By:	JSRG
Scale:	REFER TO PLAN

Sheet Title
PAVING PLAN
ROYAL OAKS BLVD
STA 18+50 TO 20+50

P-13
Sheet Number