

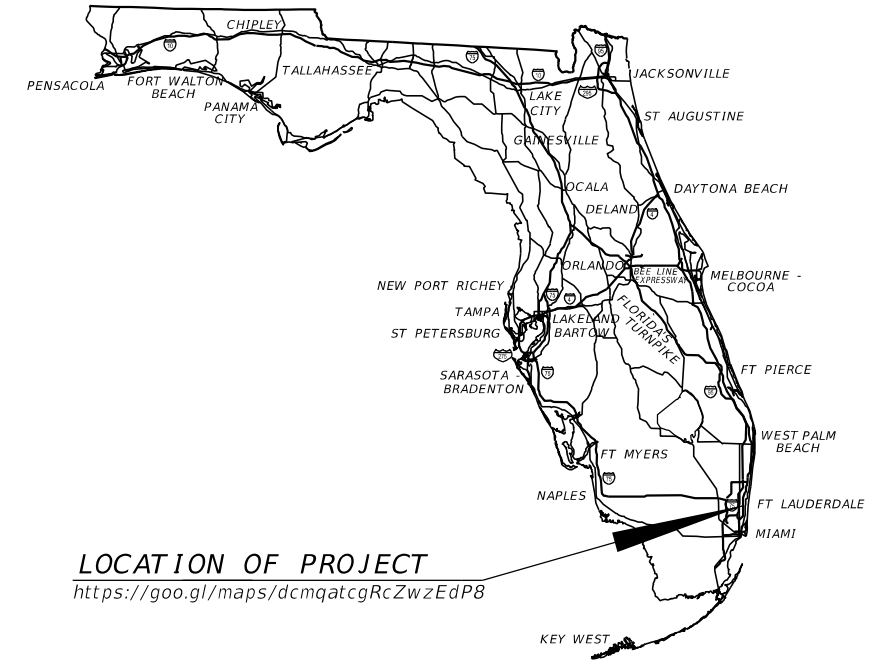
Exhibit B

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

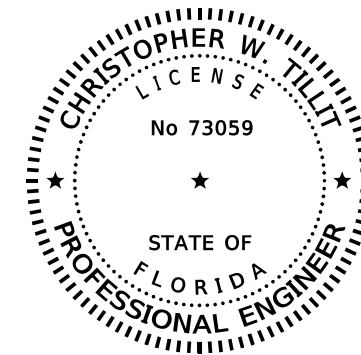
FINANCIAL PROJECT ID 447654-1-52-01
BROWARD COUNTY (86040)
STATE ROAD NO. 820 (HOLLYWOOD BLVD)
RRR FROM SR 5/US-1 TO NORTH OCEAN DRIVE

LIGHTING PLANS



INDEX OF LIGHTING PLANS

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LIGHTING PLANS
ENGINEER OF RECORD:

CHRISTOPHER W. TILLIT, P.E.
P.E. NO.: 73059
PREMIERE LIGHTING & TRAFFIC, INC.
2555 NW 102ND AVENUE, SUITE 214
DORAL, FL 33172
CONTRACT NO.: CAG12
VENDOR NO.: F825327360

FDOT PROJECT MANAGER:
CLAUDIA VINITSKIY-CALVO, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	24	L-1

Exhibit B

NOTES TO REVIEWERS

1. EXISTING LOAD CENTER "A" IS POTENTIALLY BEING REPLACED AND FPL COORDINATION IS CURRENTLY ONGOING.
2. WHEREABOUTS OF THE EXISTING LOAD CENTER FOR US-1 IS UNDER INVESTIGATION AND WILL BE IMPLEMENTED IN THE PLANS AS SOON AS WE HAVE AN AVAILABLE AS-BUILT. PLANS WILL SHOW CKT. AS "XX" FOR ANY POTENTIAL LIGHT POLE CONNECTED TO THE LOAD CENTER. FPL COORDINATION IS ONGOING FOR POTENTIAL REPLACEMENT OF THE LOAD CENTER.

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOTES TO REVIEWERS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-1A
						SR 820	BROWARD	447654-1-52-01		

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GENERAL NOTES

1. THE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE STREET LIGHTING SYSTEMS IS THE CITY OF HOLLYWOOD PUBLIC WORKS DEPARTMENT.
2. CONTACT THE MAINTAINING AGENCY LIGHTING SUPERINTENDENT FOR ALL STREET LIGHTING INSPECTIONS. PROVIDE A TWO (2) WEEK NOTICE IN ADVANCE TO SCHEDULE INSPECTIONS. SUPERINTENDENT CONTACT INFO BELOW:

CONTACT NAME	PHONE NO.	EMAIL ADDRESS
WILLIAM CLIFT	(954) 967-4550	WCLIFT@HOLLYWOODFL.ORG
3. DELIVER ALL SALVAGEABLE LIGHTING EQUIPMENT TO:

 PUBLIC WORKS WAREHOUSE
 1600 SOUTH PARK RD
 HOLLYWOOD FL, 33020
4. LIGHTING EQUIPMENT CONSIDERED SALVAGEABLE ARE SALVAGEABLE LUMINAIRES AND POLE CABLE DISTRIBUTION SYSTEMS.
















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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>GENERAL NOTES</i>	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID	
				CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172			SR 820	BROWARD		447654-1-52-01	L-2

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LEGEND

-  RETROFIT EXISTING DECORATIVE POST-TOP LIGHT POLE WITH LED LUMINAIRE DESIGNED FOR 8,254 LUMENS, 61 WATTS, TYPE III DISTRIBUTION, 3000K CCT. 7-PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP (NO PHOTOCELL REQUIRED), AND WIRED FOR 480V OPERATION. CONTRACTOR SHALL VERIFY VOLTAGE PRIOR TO ORDERING. LUMINAIRE BASIS OF DESIGN IS PHOTOMETRIC IES FILE GVD3_P30_30K_XXXX_GL3.IES. COLOR OF LUMINAIRE SHALL BE WHITE.
-  RETROFIT EXISTING DECORATIVE POST-TOP LIGHT POLE WITH LED LUMINAIRE DESIGNED FOR 12,959 LUMENS, 99 WATTS, TYPE III DISTRIBUTION, 3000K CCT. 7-PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP (NO PHOTOCELL REQUIRED), AND WIRED FOR 480V OPERATION. CONTRACTOR SHALL VERIFY VOLTAGE PRIOR TO ORDERING. LUMINAIRE BASIS OF DESIGN IS PHOTOMETRIC IES FILE GVD3_P50_30K_XXXX_GL3.IES. COLOR OF LUMINAIRE SHALL BE WHITE.
-  RETROFIT EXISTING FDOT LIGHT POLE WITH LED LUMINAIRE DESIGNED FOR 22,504 LUMENS, 279 WATTS, TYPE IV DISTRIBUTION, 3000K CCT, 7-PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP (NO PHOTOCELL REQUIRED), AND WIRED FOR 480V OPERATION. CONTRACTOR SHALL VERIFY VOLTAGE PRIOR TO ORDERING. PROVIDE LUMINAIRE WITH HOUSE-SIDE SHIELD OPTION (HSS). LUMINAIRE BASIS OF DESIGN IS PHOTOMETRIC IES FILE ATBL_G_XXXX_R4_3K_HSS.IES.
-  RETROFIT EXISTING MAST ARM POLE WITH LED LUMINAIRE DESIGNED FOR 22,504 LUMENS, 279 WATTS, TYPE IV DISTRIBUTION, 3000K CCT. 7-PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP (NO PHOTOCELL REQUIRED), AND WIRED FOR 120V OPERATION. PROVIDE LUMINAIRE WITH HOUSE-SIDE SHIELD OPTION (HSS). LUMINAIRE BASIS OF DESIGN IS PHOTOMETRIC IES FILE ATBL_G_XXXX_R4_3K_HSS.IES.
-  LIGHT POLE COMPLETE WITH LED LUMINAIRE DESIGNED FOR 22,504 LUMENS, 279 WATTS, TYPE IV DISTRIBUTION, 3000K CCT, 7-PIN PHOTOCONTROL RECEPTACLE WITH SHORTING CAP (NO PHOTOCELL REQUIRED), AND WIRED FOR 480V OPERATION. CONTRACTOR SHALL VERIFY VOLTAGE PRIOR TO ORDERING. PROVIDE LUMINAIRE WITH HOUSE-SIDE SHIELD OPTION (HSS). LUMINAIRE BASIS OF DESIGN IS PHOTOMETRIC IES FILE ATBL_G_XXXX_R4_3K_HSS.IES. PROPOSED POLES IN GRASSY OR SWALE AREAS SHALL HAVE A CONCRETE PAD PER STANDARD PLANS 715-001, (SHEETS 1 TO 3).
-  EXISTING CONCRETE LIGHT POLE TO BE REMOVED.
-  EXISTING ALUMINUM LIGHT POLE TO BE REMOVED.
-  PROPOSED PULL BOX.
-  EXISTING PULL BOX TO BE REPLACED.
-  2" SCHEDULE 40 HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT (UNDERPAVEMENT, DIRECTIONAL BORE, OR OPEN TRENCH) WITH THREE RHW-2/XLP CONDUCTORS INSIDE THE CONDUIT: ONE WITH BLACK INSULATION, ONE WITH WHITE INSULATION, AND ONE WITH GREEN INSULATION.
-  EXISTING CONDUCTORS TO BE REMOVED. EXISTING CONDUIT TO BE ABANDONED.
-  EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN.
-  EXISTING CONDUIT TO REMAIN (UNLESS OTHERWISE NOTED IN PLANS).
-  EXISTING LOAD CENTER TO REMAIN.
-  PROPOSED LOAD CENTER.

CORRIDOR LIGHTING DESIGN CRITERIA

(MAJOR ARTERIALS)

ILLUMINATION LEVEL AVG (F.C.)	ILLUMINATION UNIFORMITY RATIOS	VEILING LUMINANCE RATIO
1.5 (H.F.C)	AVC/MIN: 4:1 OR LESS MAX/MIN: 10:1 OR LESS	LV(MAX)/L(AVG): 0.3:1 OR LESS
WIND SPEED: 160 MPH		

SIGNALIZED INTERSECTION LIGHTING DESIGN CRITERIA

(LIGHTING RETROFIT)

ILLUMINATION LEVEL AVG (F.C.)	ILLUMINATION UNIFORMITY RATIOS
1.0 MIN-1.5 STD (H.F.C) 1.0 MIN-1.5 STD (V.F.C)	AVC/MIN: 4:1 OR LESS MAX/MIN: 10:1 OR LESS
WIND SPEED: 160 MPH	

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 820	BROWARD	447654-1-52-01			
LIGHTING LEGEND									L-3

LIGHTING DATA TABLE

Exhibit B

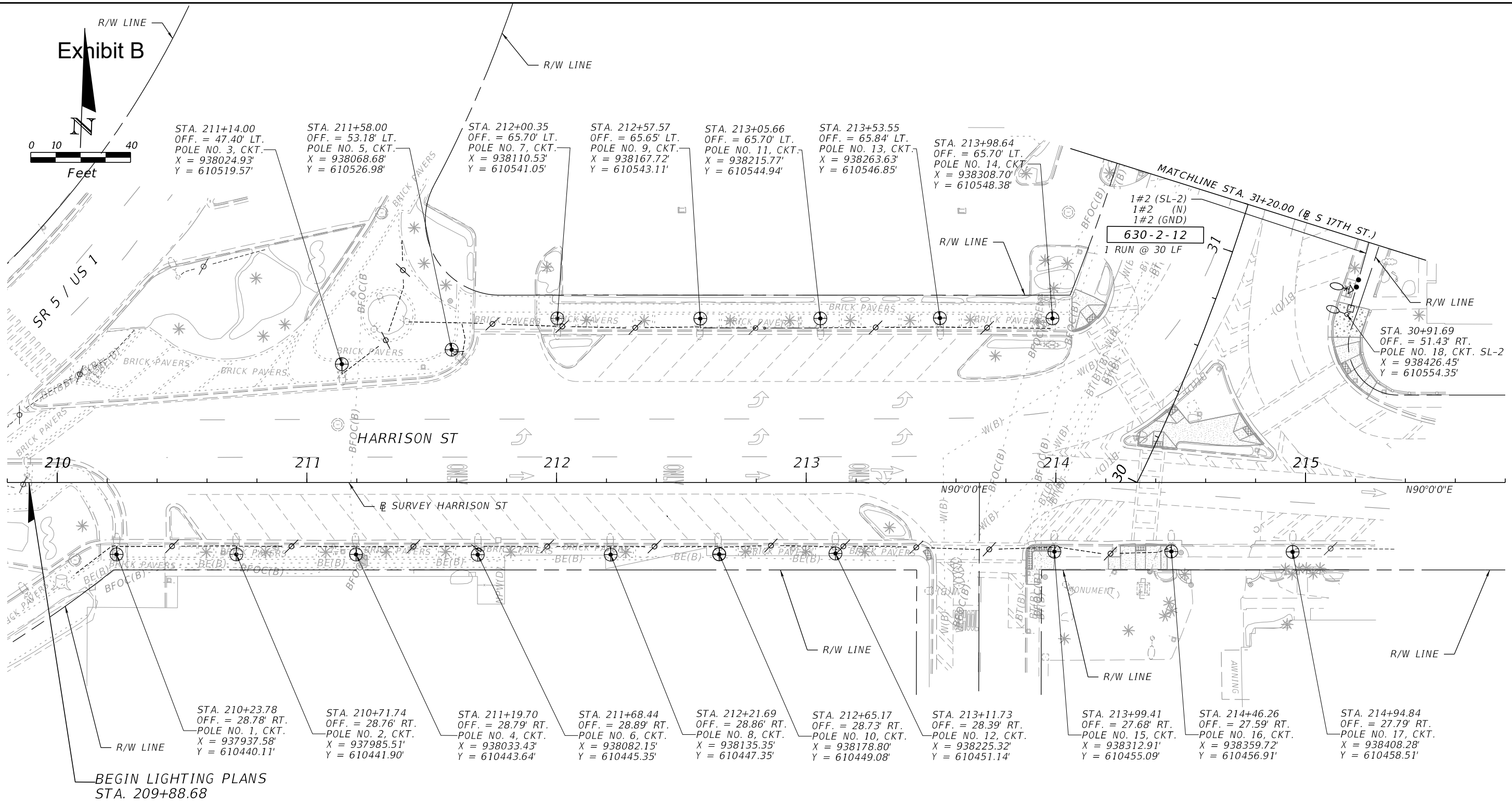
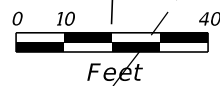
POLE NO.	STATION	POLE OFFSET/SETBACK	N/E COORDINATES (X,Y)	POLE OWNER	MAINTAINING AGENCY	POLE TYPE	ARM LENGTH	QUANTITY OF LUMINAIRES	LUMINAIRE TYPE	LUMINAIRE MAKE/MODEL	LUMEN OUTPUT	IES DISTRIBUTION PATTERN	CCT	MOUNTING HEIGHT	TILT ANGLE	INPUT WATTAGE	INPUT VOLTAGE	LOAD CENTER NUMBER	CIRCUIT NUMBER	FOUNDATION TYPE	PAY ITEM NUMBER
101	98+15.15	48.64' LT.	944774.99', 611117.35'	FDOT	CITY OF HOLLYWOOD	COBRAHEAD	10'	1	LED	ATBL G XXXXX R4 3K HSS	22504	TYPE IV	3000	40'	0°	279	480V	SL	SL-3	CYLINDRICAL	715-61-321
102	99+39.68	47.31' RT.	944902.93', 611025.99'	FDOT	CITY OF HOLLYWOOD	COBRAHEAD	10'	1	LED	ATBL G XXXXX R4 3K HSS	22504	TYPE IV	3000	40'	0°	279	480V	SL	SL-4	CYLINDRICAL	715-61-321
103	100+42.01	58.69' LT.	945001.33', 611135.64'	FDOT	CITY OF HOLLYWOOD	COBRAHEAD	10'	1	LED	ATBL G XXXXX R4 3K HSS	22504	TYPE IV	3000	40'	0°	279	480V	SL	SL-3	CYLINDRICAL	715-61-321
104	100+42.73	58.72' RT.	945006.32', 611018.33'	FDOT	CITY OF HOLLYWOOD	COBRAHEAD	10'	1	LED	ATBL G XXXXX R4 3K HSS	22504	TYPE IV	3000	40'	0°	279	480V	SL	SL-4	CYLINDRICAL	715-61-321
105	101+64.00	33.50' RT.	945126.59', 611047.94'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
106	101+64.05	33.19' LT.	945124.22', 611114.58'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
107	102+50.22	32.84' LT.	945210.34', 611117.37'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
108	102+50.38	33.63' RT.	945212.92', 611050.95'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
109	103+32.71	33.64' RT.	945295.20', 611053.93'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
110	103+33.56	32.80' LT.	945293.63', 611120.36'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
111	104+15.63	32.91' LT.	945375.64', 611123.45'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
112	104+15.72	33.55' RT.	945378.15', 611057.04'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
113	104+98.31	32.90' LT.	945458.27', 611126.44'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
114	104+98.42	33.58' RT.	945460.79', 611060.01'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
115	105+80.59	33.53' RT.	945542.91', 611063.04'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
116	105+80.66	32.76' LT.	945540.57', 611129.30'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
117	106+65.55	32.76' LT.	945625.41', 611132.37'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
118	106+65.93	33.53' RT.	945628.19', 611066.14'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
119	107+28.96	33.72' RT.	945691.19', 611068.24'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
120	107+35.13	33.47' LT.	945694.91', 611135.62'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	SL	SL-4	EXIST.	715-11-213
121	108+80.27	34.06' RT.	945842.41', 611073.40'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	A	A-1	EXIST.	715-11-213
122	108+85.64	32.94' LT.	945845.35', 611140.55'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	A	A-4	EXIST.	715-11-213
123	109+23.35	70.48' LT.	945881.66', 611179.43'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	A	A-4	EXIST.	715-11-213
124	109+23.38	90.66' RT.	945887.55', 611018.41'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	A	A-1	EXIST.	715-11-213
125	109+93.46	29.46' RT.	945955.36', 611082.11'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P50 30K XXXX GL3	12959	TYPE III	3000	EXIST.	0°	99	480V	A	A-1	EXIST.	715-11-213
126	111+08.90	27.40' LT.	946066.56', 611143.42'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P50 30K XXXX GL3	12959	TYPE III	3000	EXIST.	0°	99	480V	A	A-2	EXIST.	715-11-213
127	112+21.17	28.35' RT.	946188.64', 611145.86'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P50 30K XXXX GL3	12959	TYPE III	3000	EXIST.	0°	99	480V	A	A-1	EXIST.	715-11-213
128	112+80.67	28.24' RT.	946226.17', 611204.49'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	A	A-1	EXIST.	715-11-213
129	113+36.30	28.27' LT.	946183.35', 611270.27'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P50 30K XXXX GL3	12959	TYPE III	3000	EXIST.	0°	99	480V	A	A-2	EXIST.	715-11-213
130	113+96.42	28.18' RT.	946229.22', 611337.67'	FDOT	CITY OF HOLLYWOOD	POST-TOP	N/A	1	LED	GVD3 P30 30K XXXX GL3	8254	TYPE III	3000	EXIST.	0°	61	480V	A	A-1	EXIST.	715-11-213
131	54+51.33	9.62' RT.	946197.04', 611393.87'	FDOT	CITY OF HOLLYWOOD	COBRAHEAD	EXIST.	1	LED	ATBL G XXXXX R4 3K HSS	22504	TYPE IV	3000	EXIST.	0°	279	480V	A	A-1	EXIST.	715-11-211
132	55+14.55	66.74' LT.	946099.03', 611383.13'	FDOT	CITY OF HOLLYWOOD	COBRAHEAD	EXIST.	1	LED	ATBL G XXXXX R4 3K HSS	22504	TYPE IV	3000	EXIST.	0°	279	480V	A	A-2	EXIST.	715-11-211
133	55+97.37	28.42' LT.	946064.49', 611467.60'	FDOT	CITY OF HOLLYWOOD	COBRAHEAD	8'	1	LED	ATBL G XXXXX R4 3K HSS	22504	TYPE IV	3000	40'	0°	279	480V	A	A-1	CYLINDRICAL	715-61-311

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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING DATA TABLE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 820	BROWARD	447654-152-01		L-6

Exhibit B



BEGIN LIGHTING PLANS
STA. 209+88.68

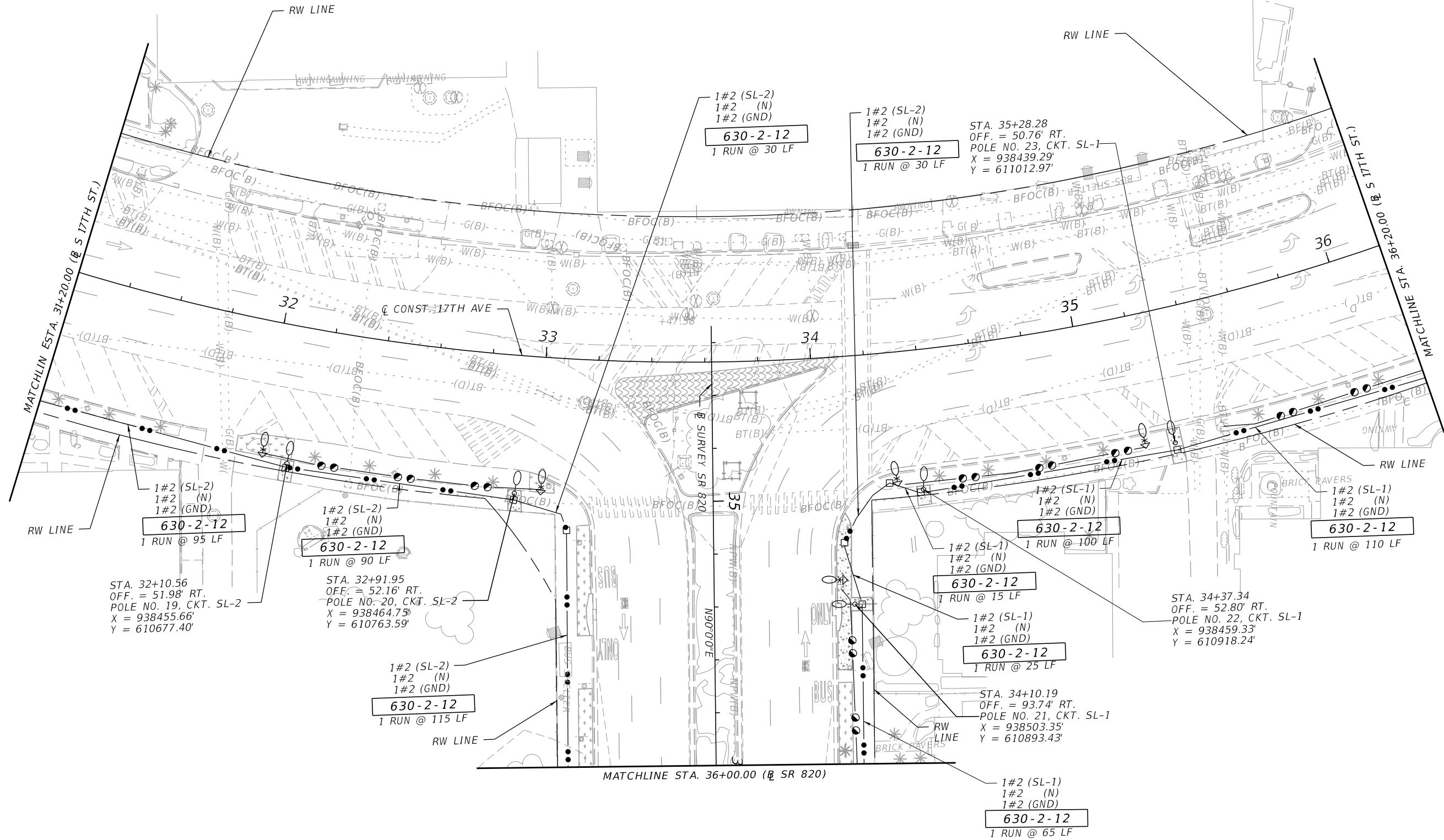
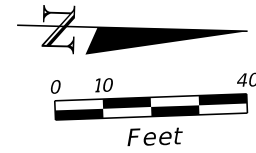
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						SR 820	BROWARD	447654-1-52-01	L-7

LIGHTING PLAN

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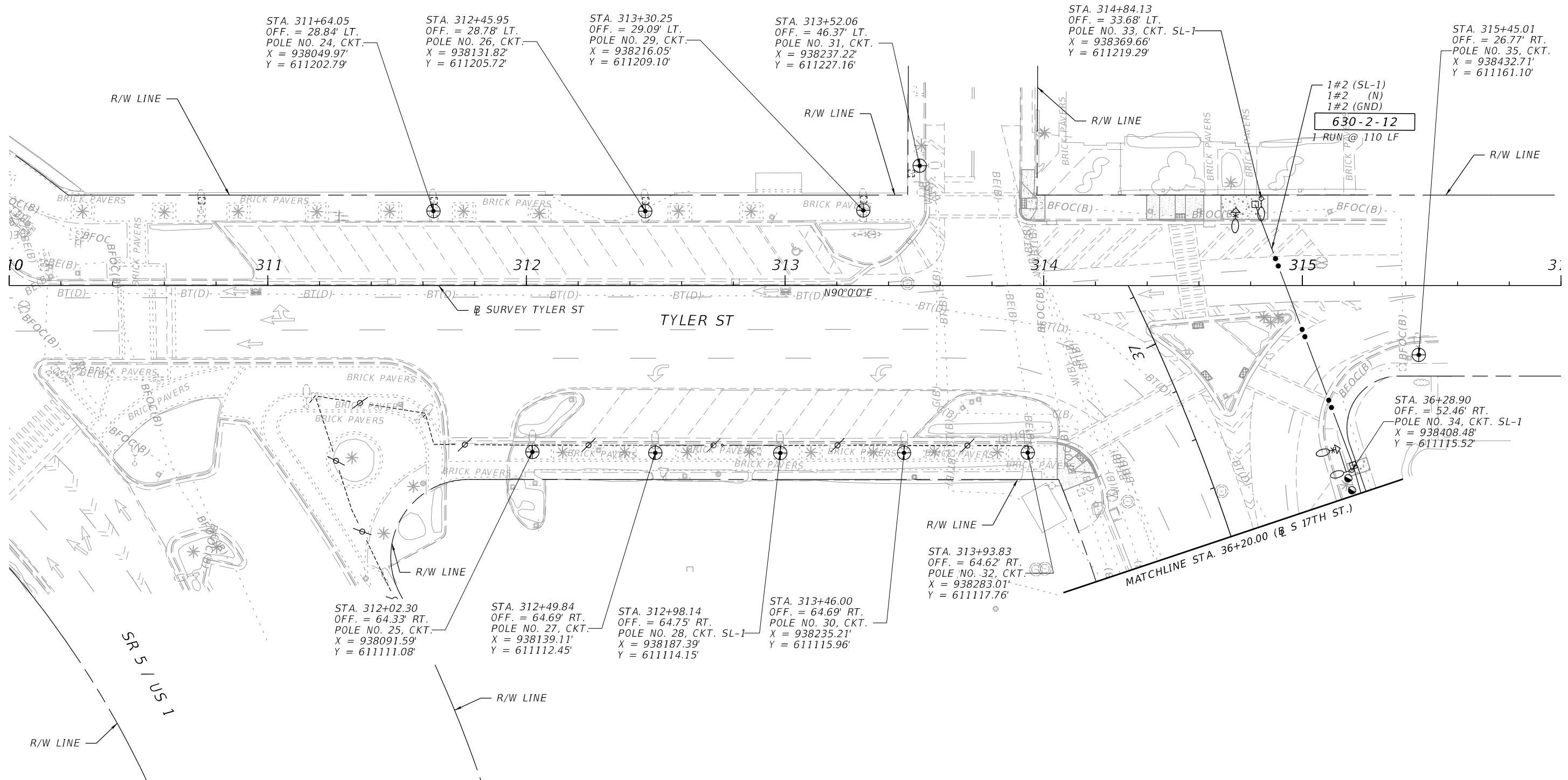
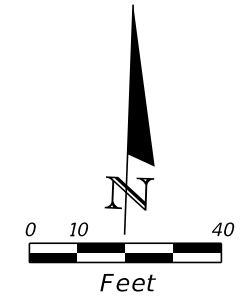


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REVISIONS			ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LIGHTING PLAN	SHEET NO. L-8
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172	SR 820	BROWARD	447654-152-01		

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Exhibit B



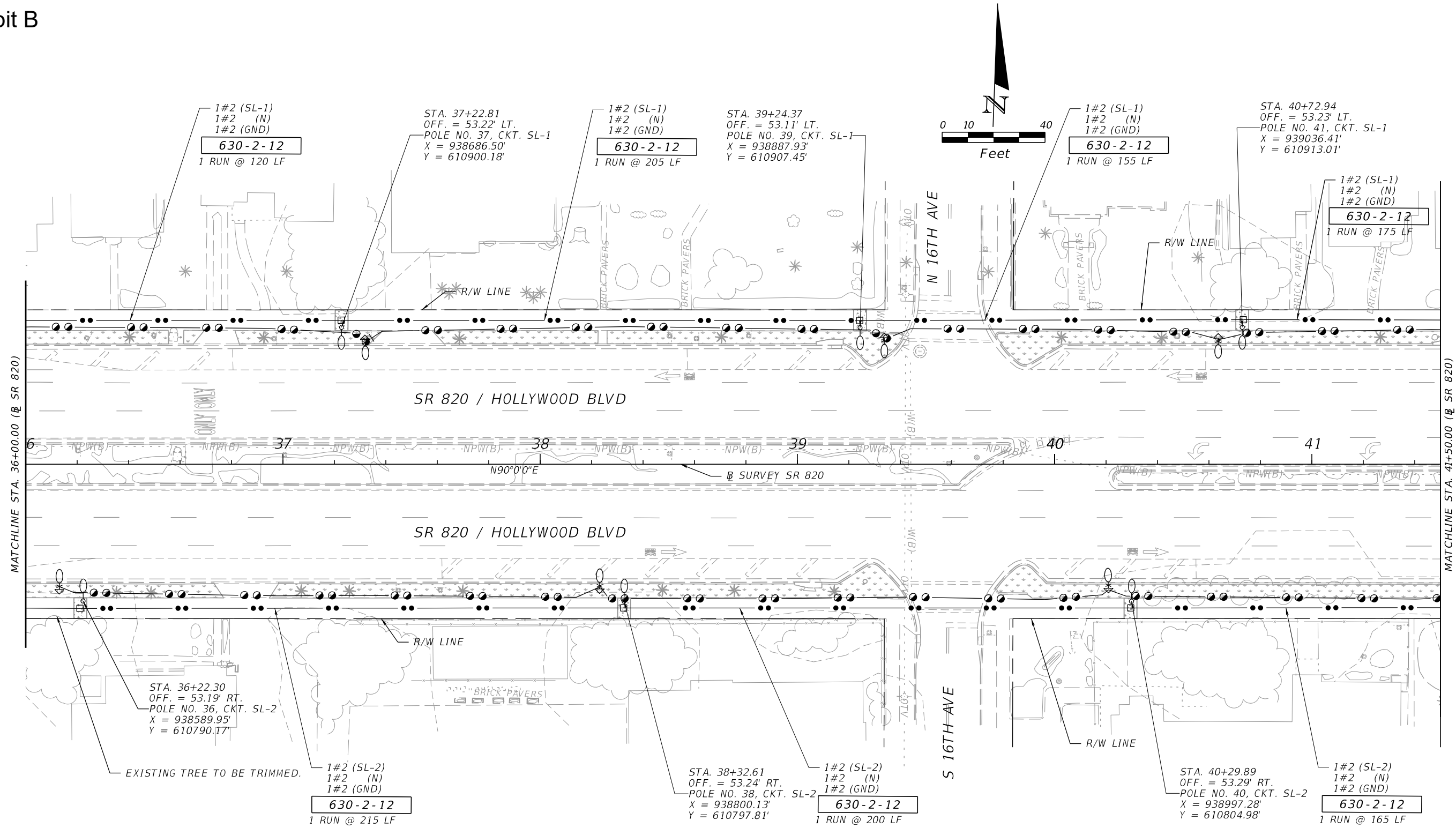
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 820	BROWARD	447654-1-52-01	L-9

LIGHTING PLAN

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Exhibit B



MATCHLINE STA. 36+00.00 (SR 820)

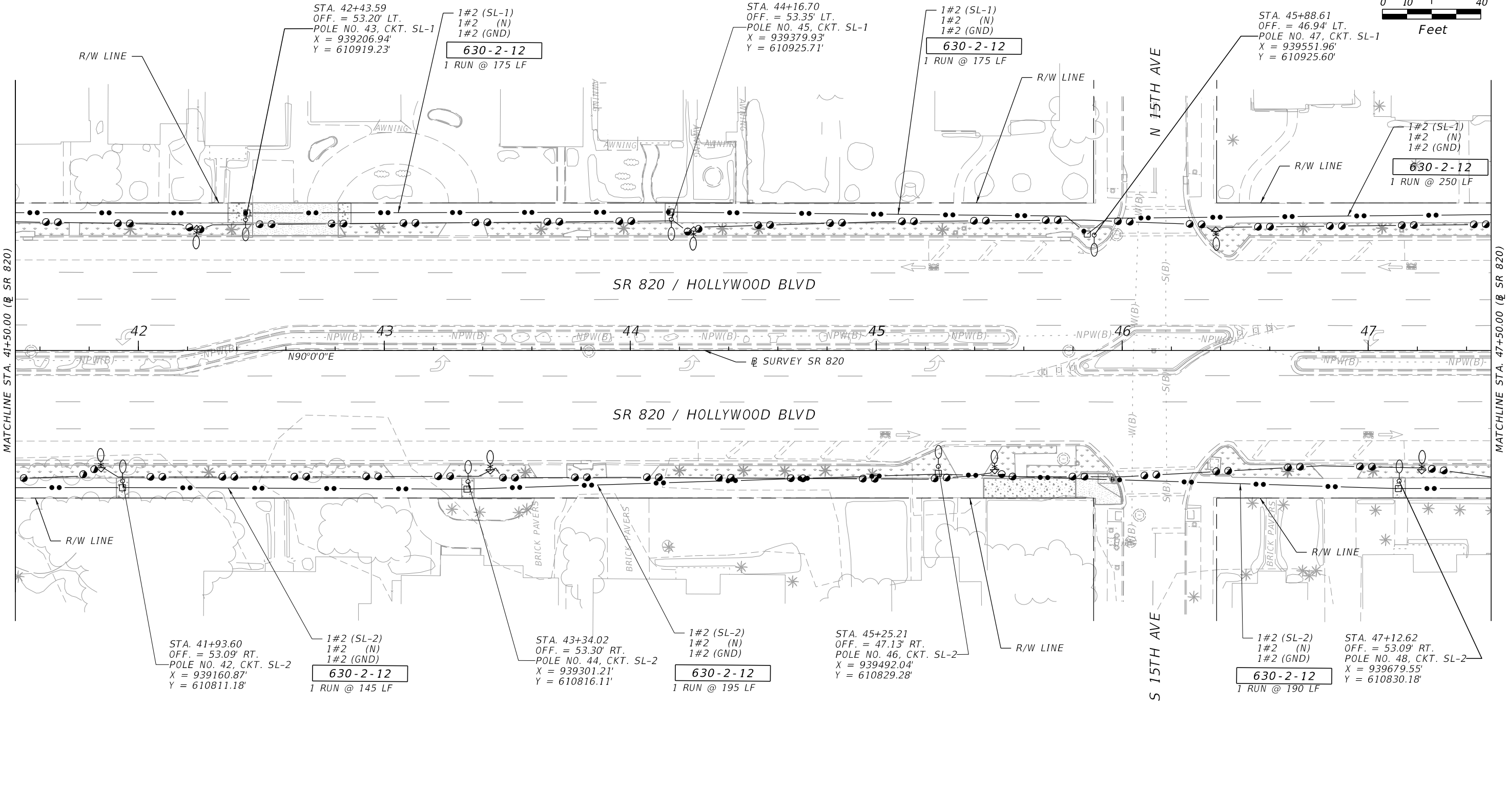
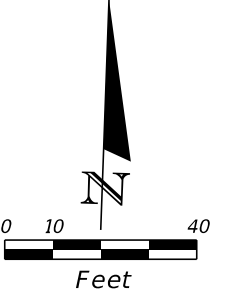
MATCHLINE STA. 41+50.00 (SR 820)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 820	BROWARD	447654-1-52-01	
LIGHTING PLAN									L-10

Exhibit B



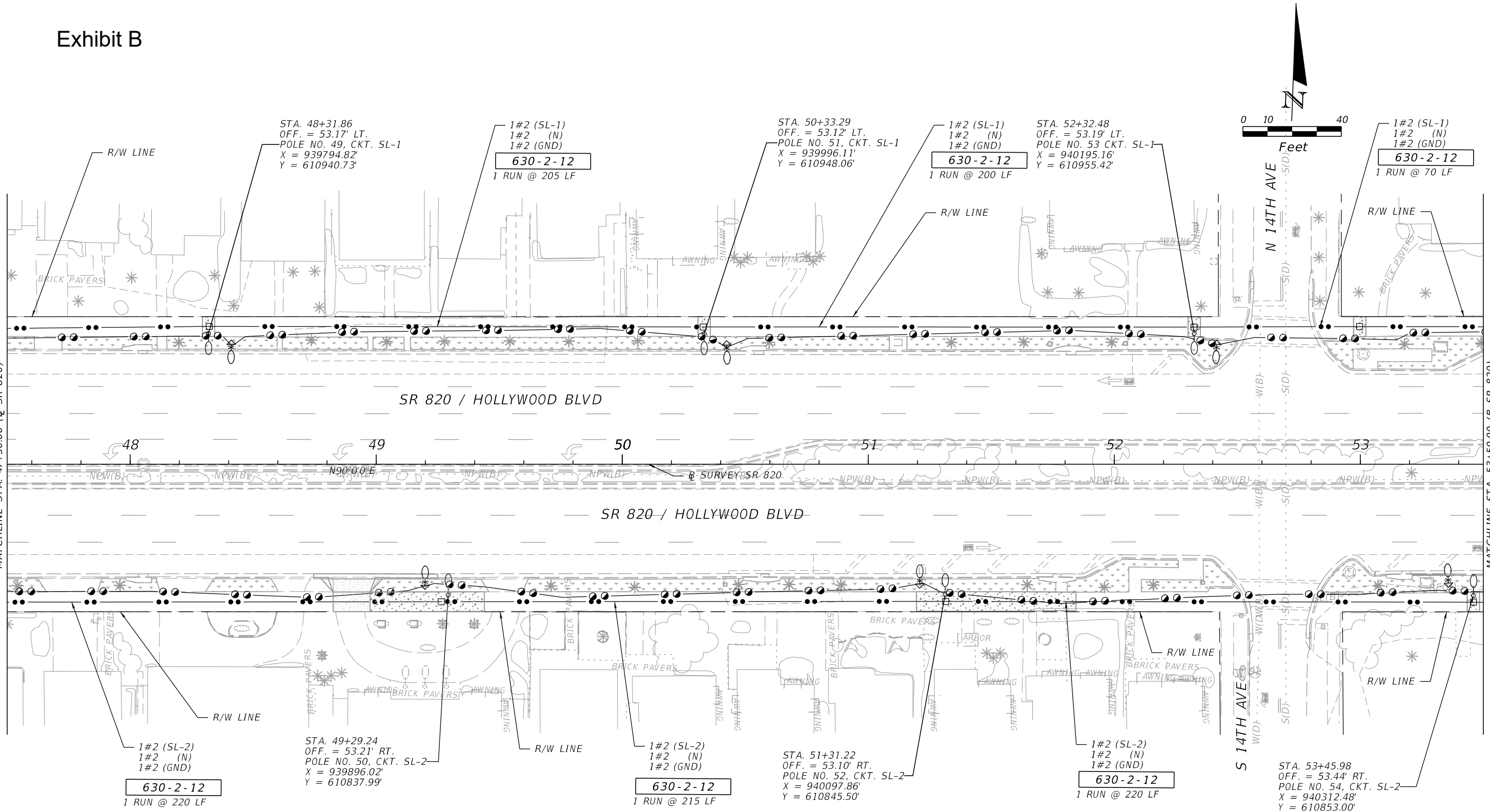
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 820	BROWARD	447654-1-52-01	L-11

LIGHTING PLAN

Exhibit B

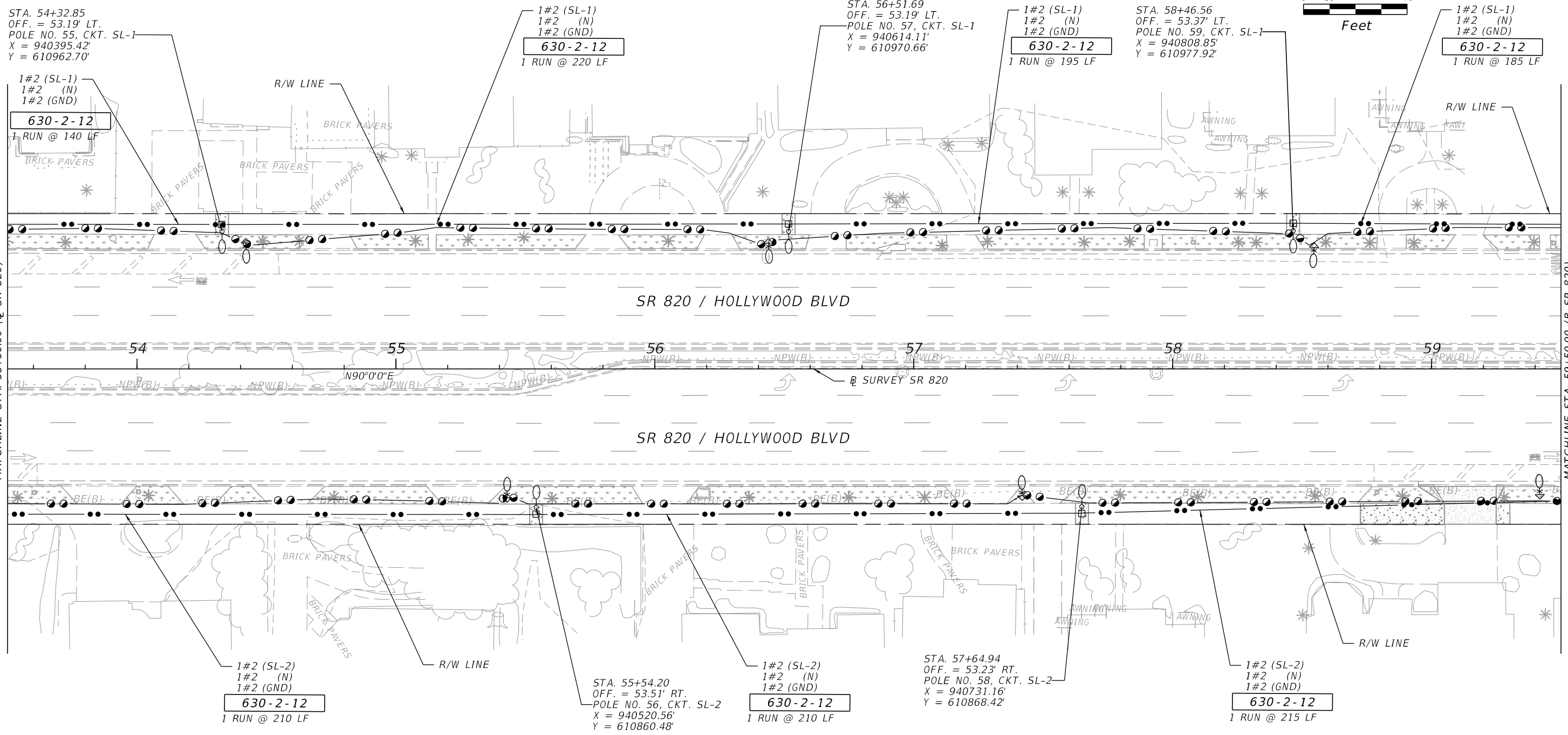
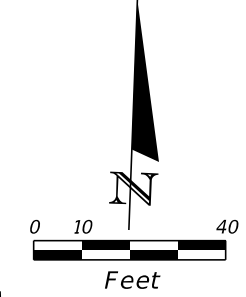


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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							SR 820	BROWARD	447654-1-52-01	L-12
LIGHTING PLAN										

Exhibit B



MATCHLINE STA. 53+50.00 (SR 820)

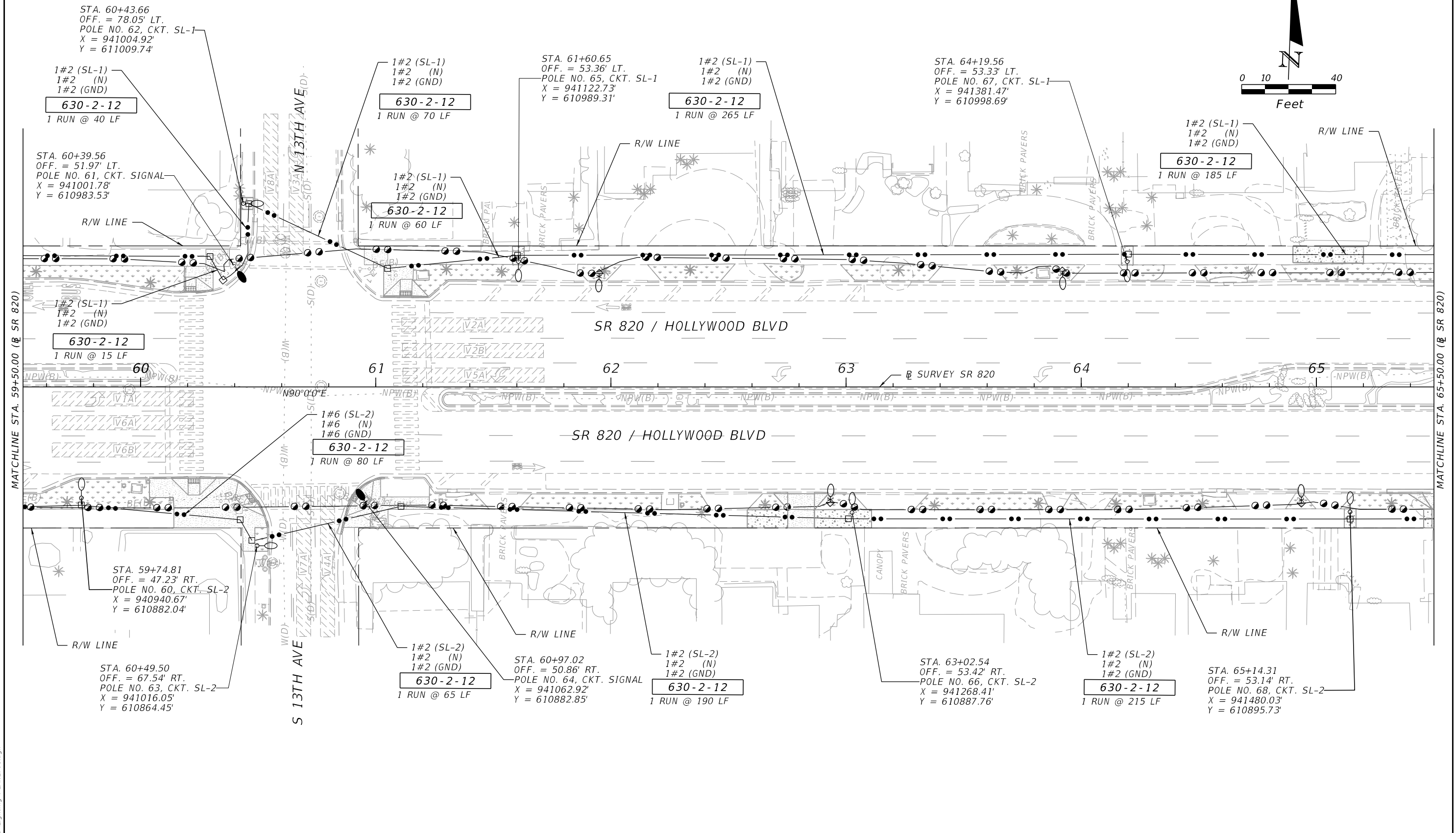
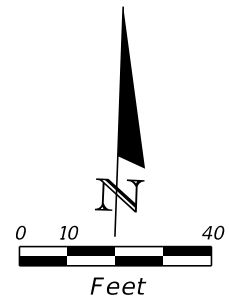
MATCHLINE STA. 59+50.00 (SR 820)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 820	BROWARD	447654-1-52-01	L-13
LIGHTING PLAN									

Exhibit B



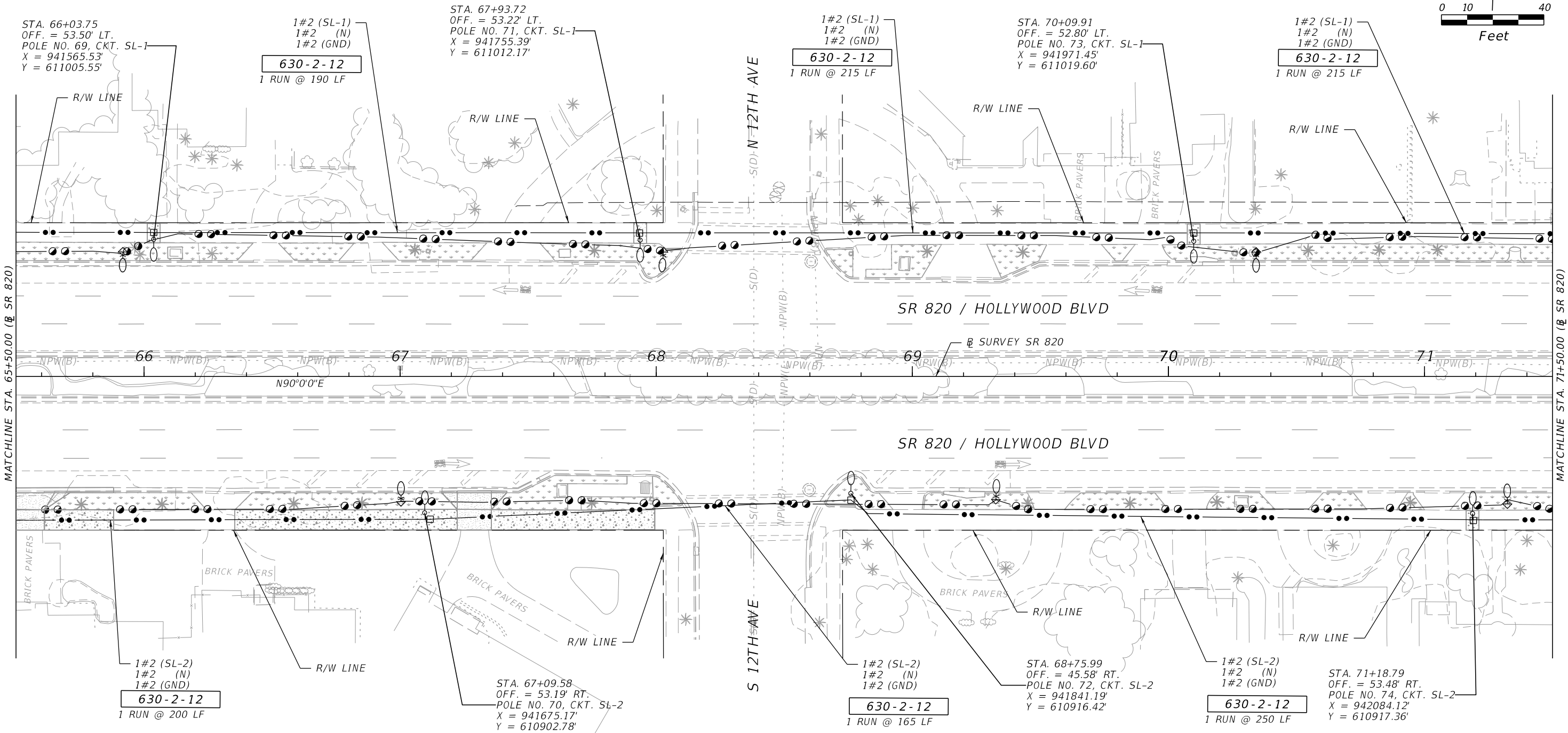
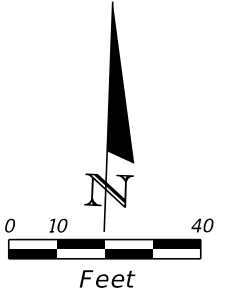
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DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 820	BROWARD	447654-1-52-01	L-14

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LIGHTING PLAN

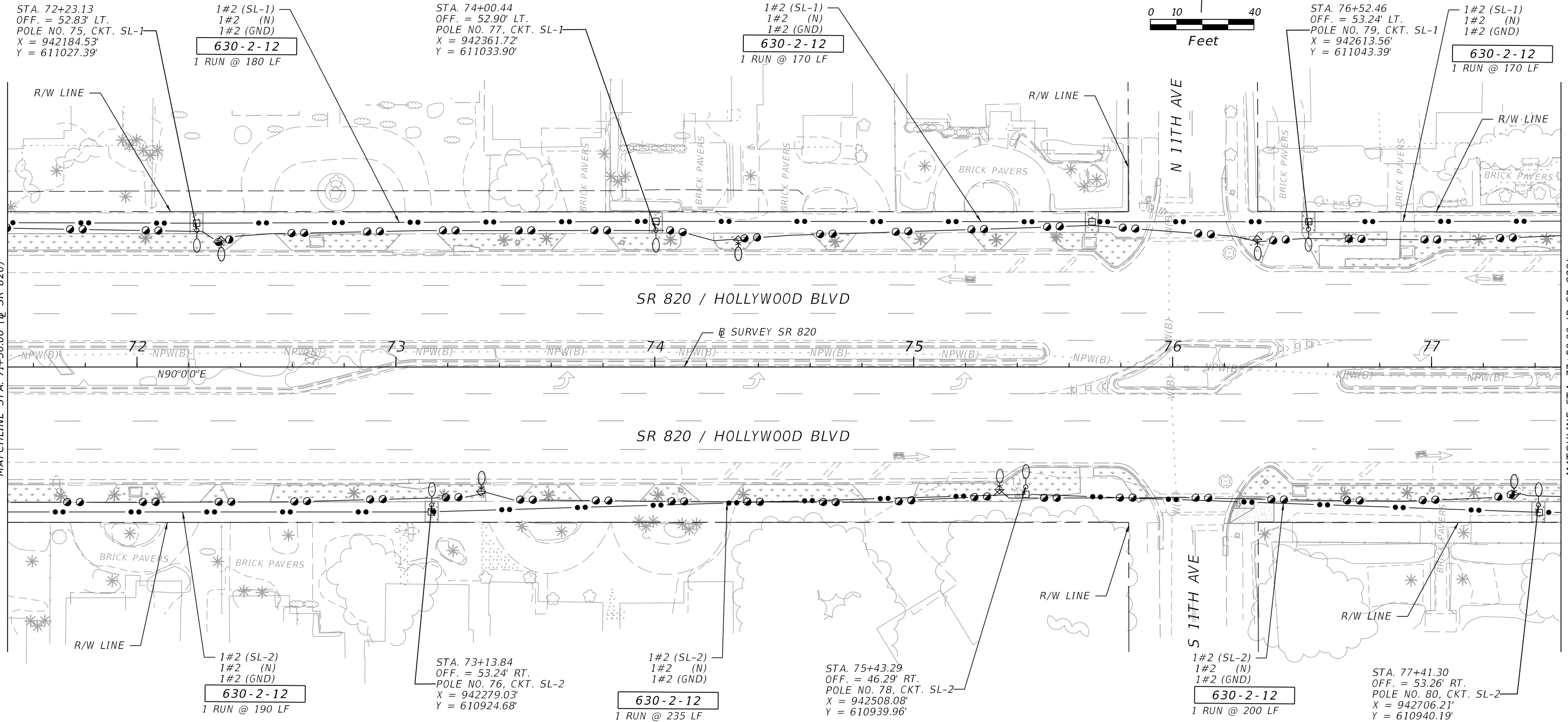
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 820	BROWARD	447654-1-52-01	L-15
LIGHTING PLAN									

Exhibit B



MATCHLINE STA. 71+50.00 (B SR 820)

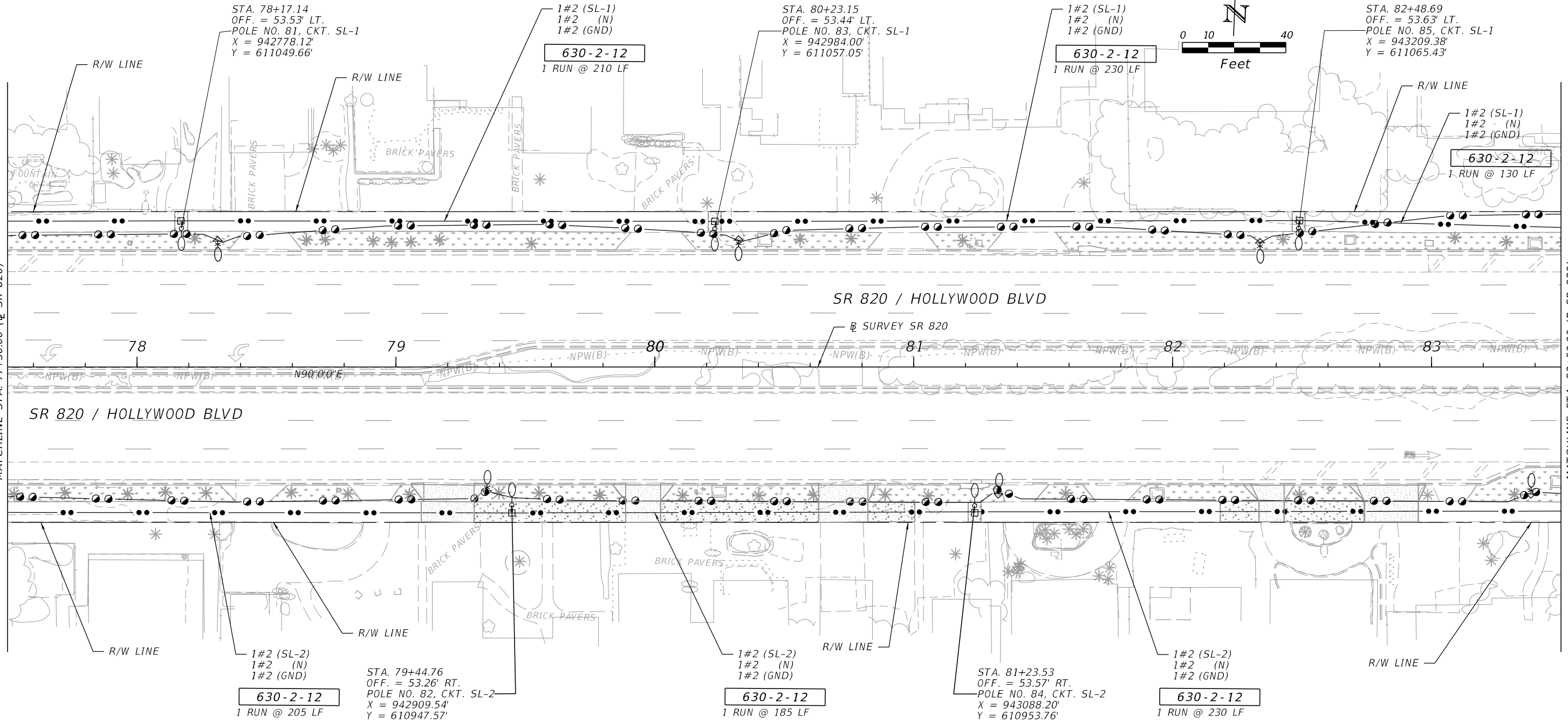
MATCHLINE STA. 77+50.00 (B SR 820)

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						SR 820	BROWARD	447654-1-52-01	LIGHTING PLAN L-16

Exhibit B



MATCHLINE STA. 77+50.00 (B SR 820)

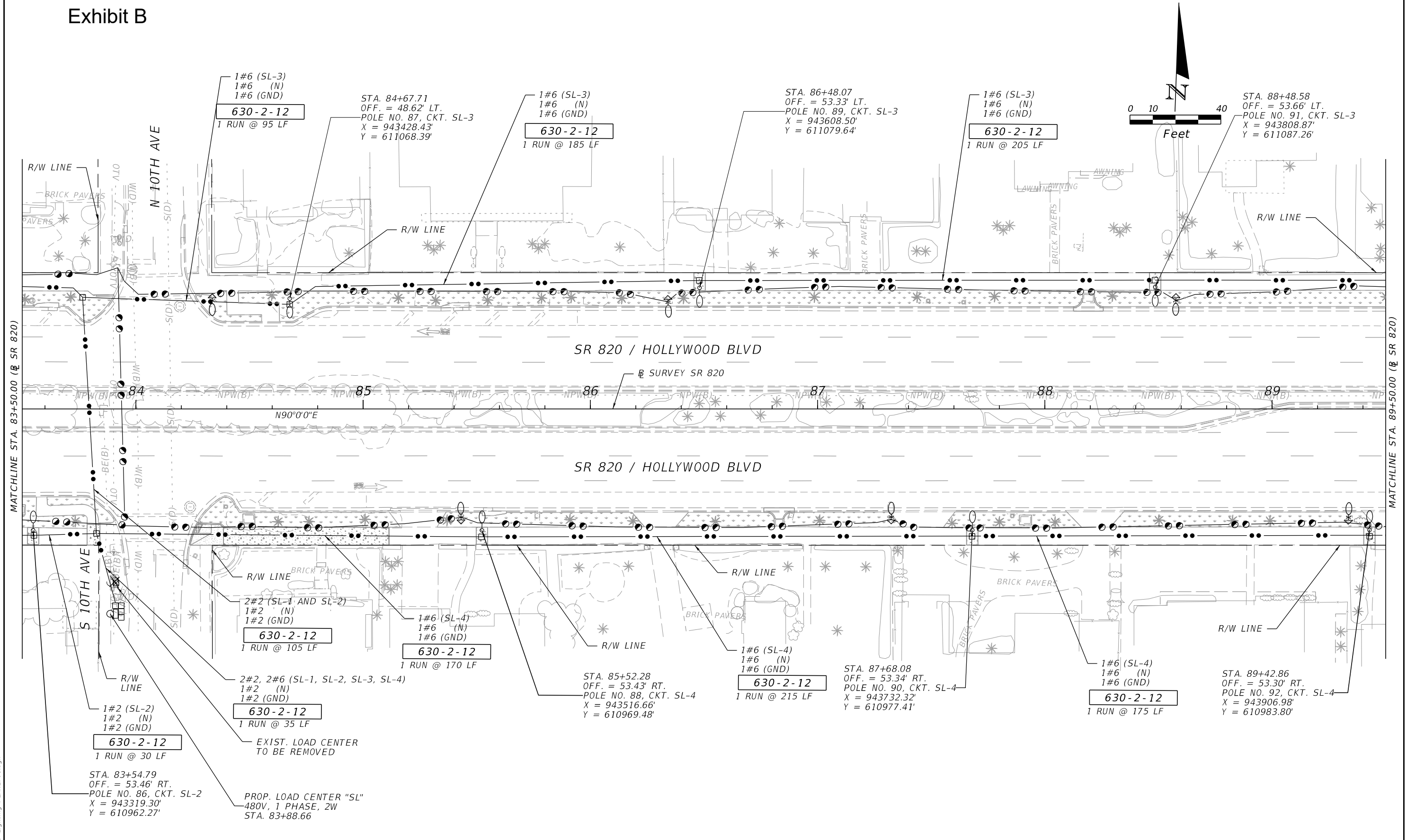
MATCHLINE STA. 83+50.00 (B SR 820)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 820	BROWARD	447654-1-52-01	L-17
LIGHTING PLAN									

Exhibit B

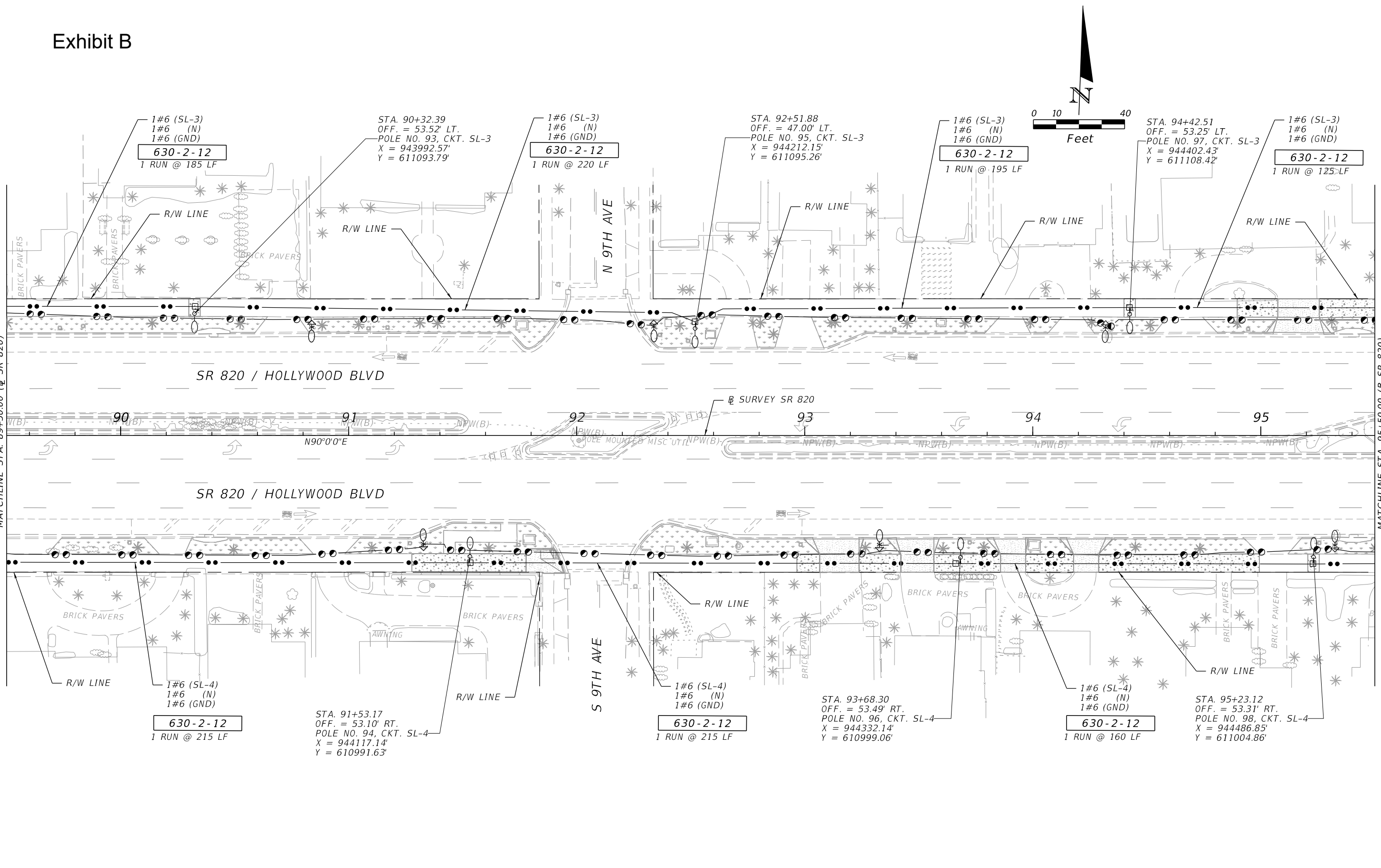


REVISIONS		REVISIONS		ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172	SR 820	BROWARD	447654-1-52-01	L-18
					LIGHTING PLAN			

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Exhibit B



MATCHLINE STA. 89+50.00 (R SR 820)

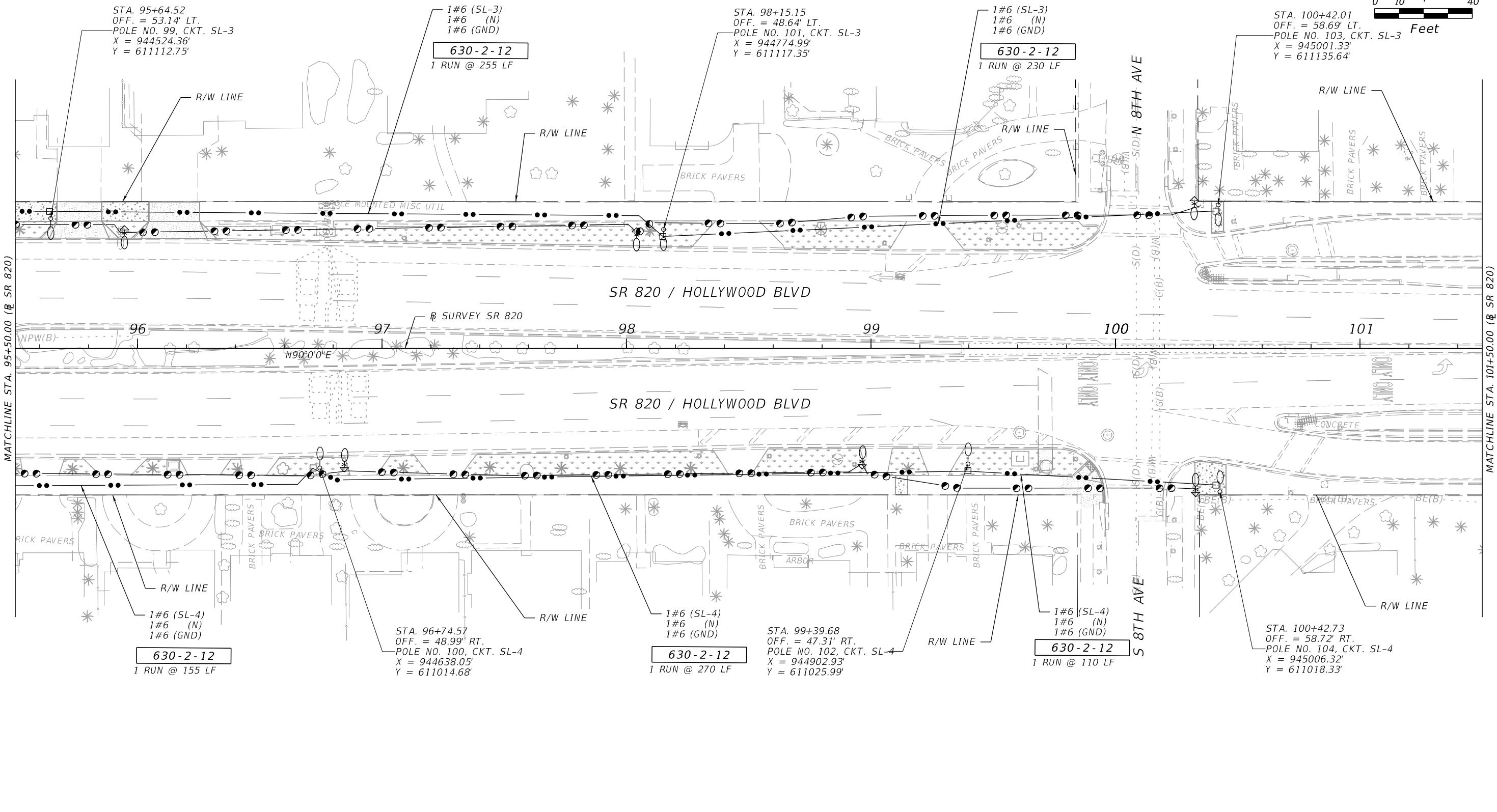
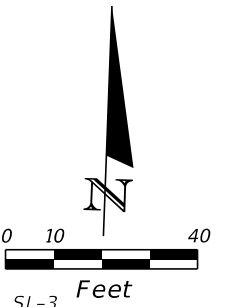
MATCHLINE STA. 95+50.00 (R SR 820)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 820	BROWARD	447654-1-52-01	
LIGHTING PLAN									L-19

Exhibit B



MATCHLINE STA. 95+50.00 (R SR 820)

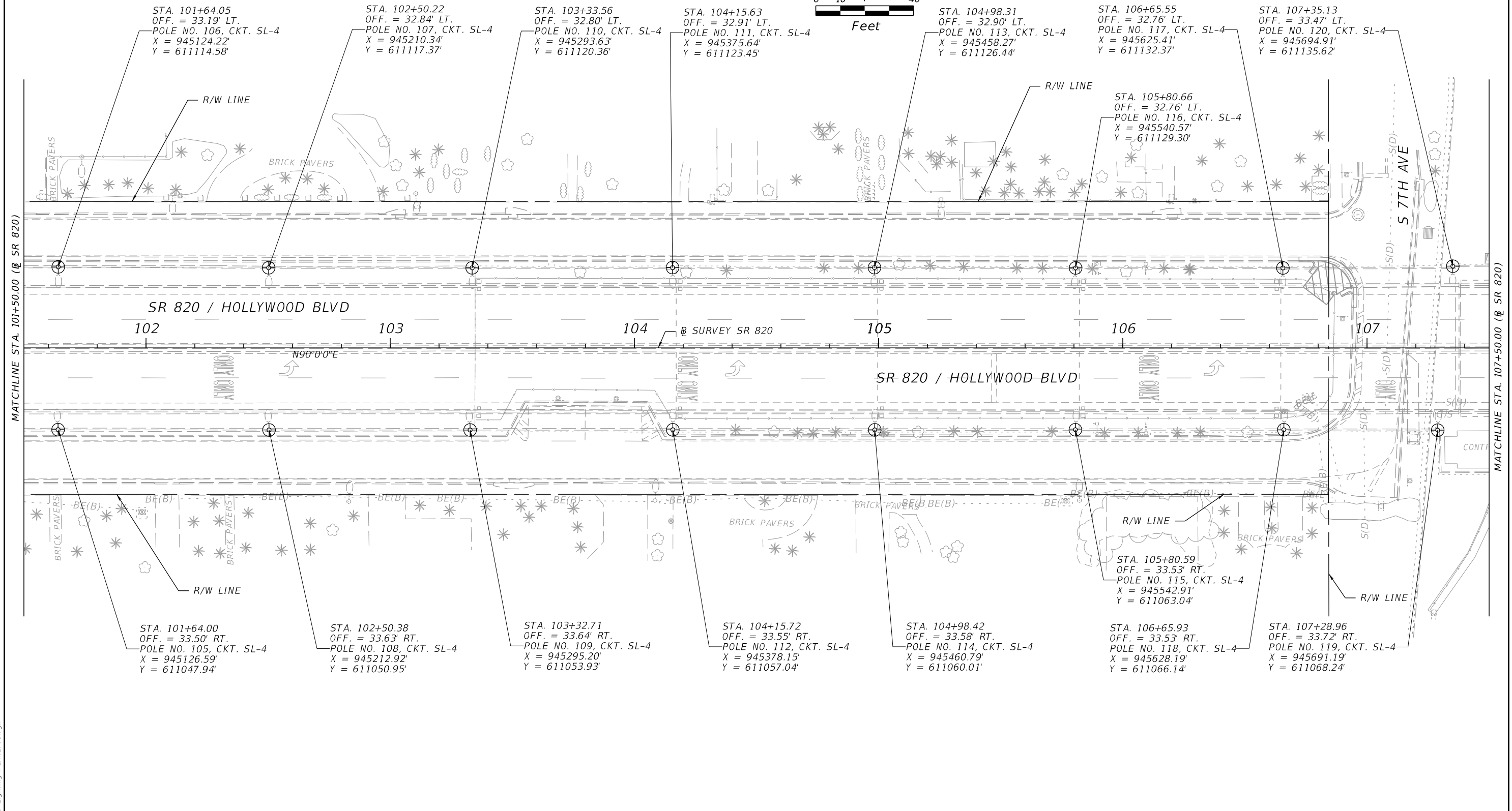
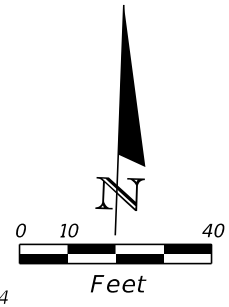
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 820	BROWARD	447654-1-52-01	L-20
LIGHTING PLAN									

Exhibit B



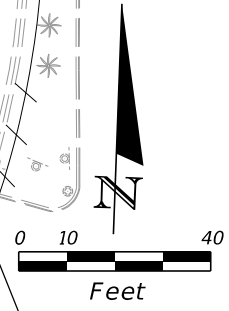
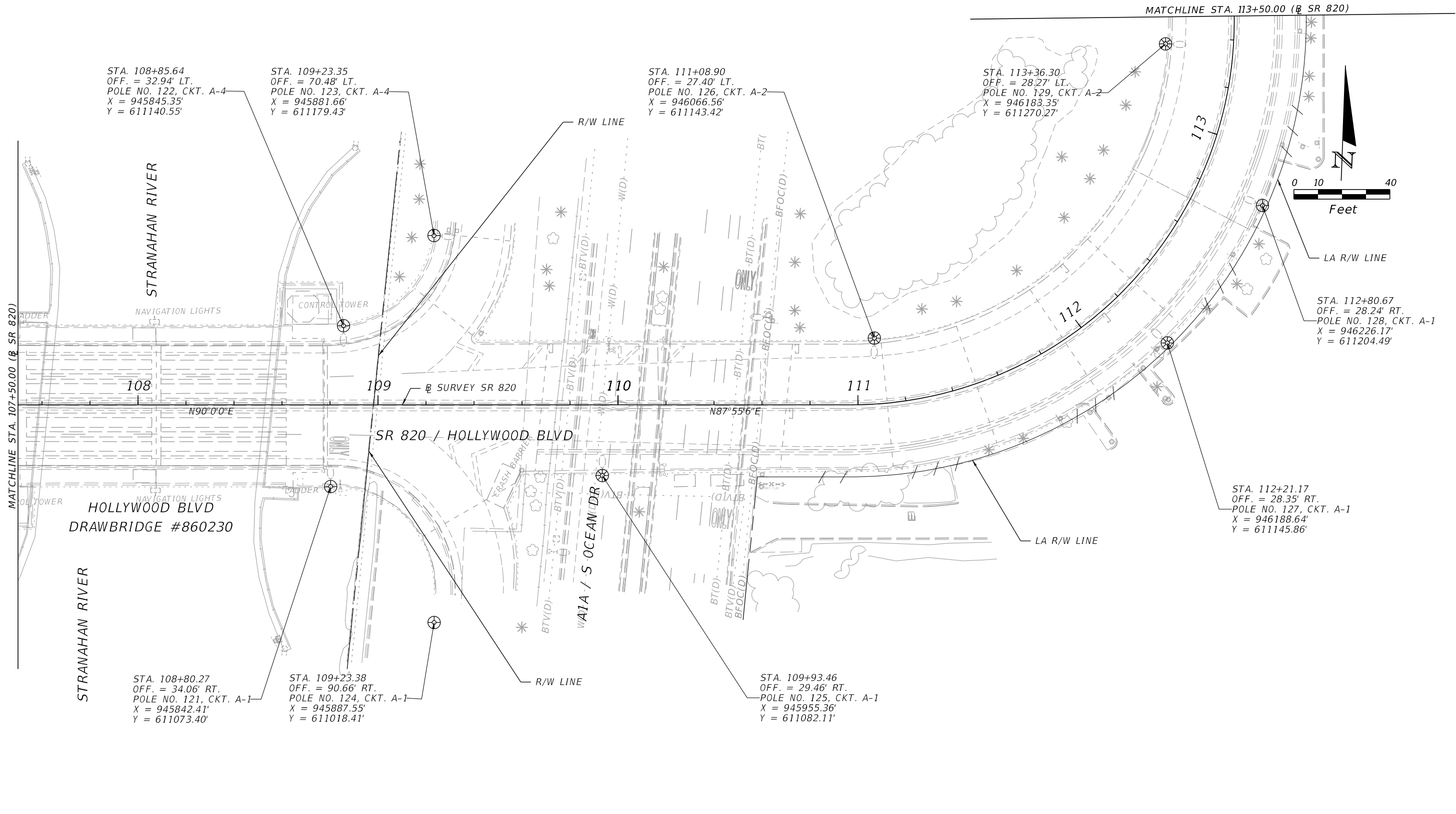
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC 2555 NW 102nd AVENUE, SUITE 214 DORAL, FLORIDA 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 820	BROWARD	447654-1-52-01	L-21

LIGHTING PLAN

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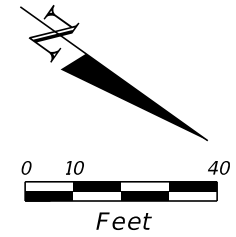
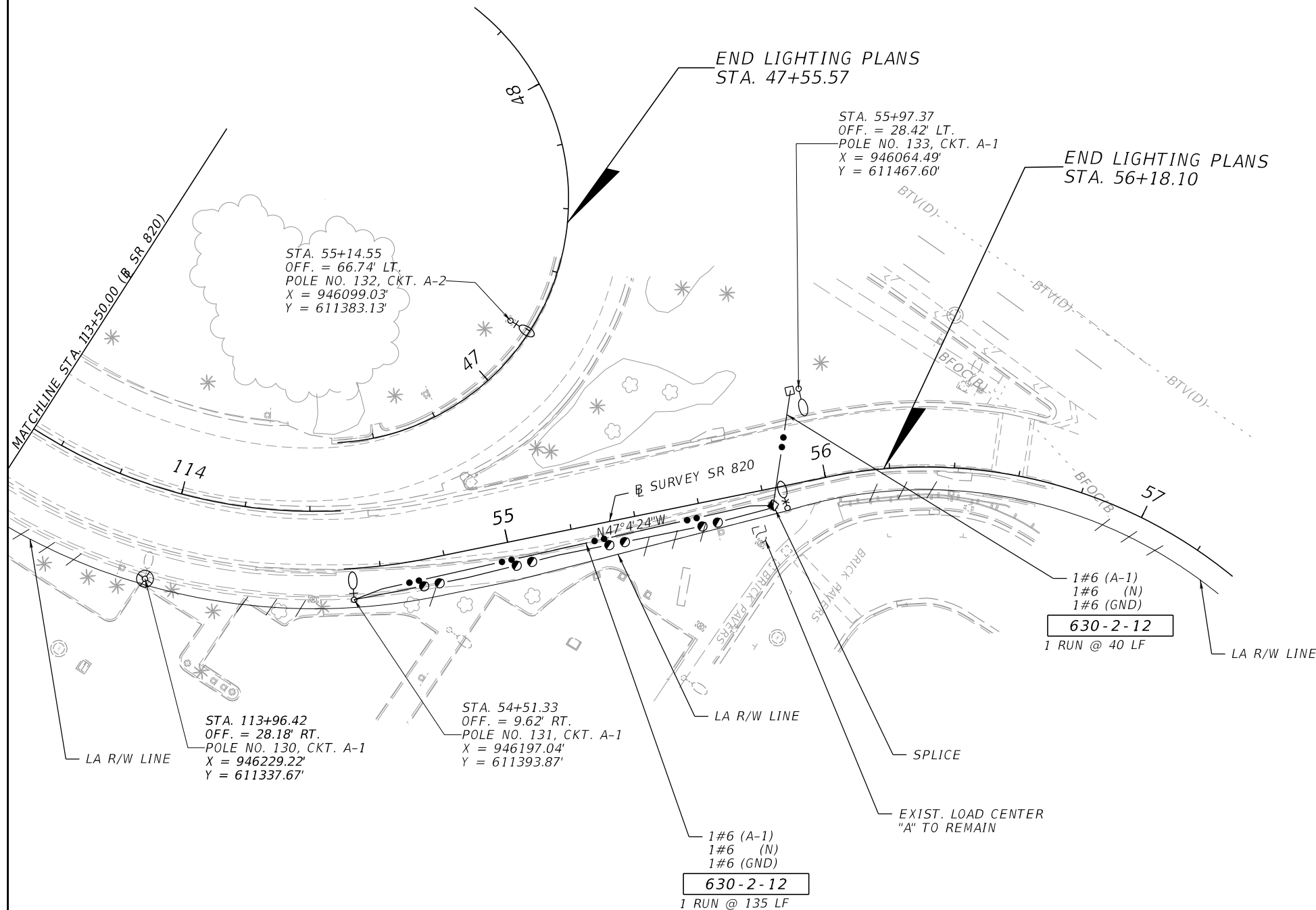


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 820	BROWARD	447654-1-52-01	L-22
LIGHTING PLAN									

Exhibit B



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 820	BROWARD	447654-1-52-01	L-23
LIGHTING PLAN									

Exhibit B

SERVICE POINT DATA TABLE

SERVICE	ENCLOSURE SIZE & SERVICE COND.	ARTERIAL	ROADWAY	FROM	BEG. MP	TO	END MP	LOCATION	CIRCUIT	CONDUCTORS	MAINTAINING AGENCY
PROPOSED LOAD CENTER 'SL'	480V TO GND. SINGLE PHASE, 2 WIRE SERVICE	SR 820	860400	17TH AVE	18.394	S 7TH AVE	19.642	S 10TH AVE @ HOLLYWOOD BLVD	SL-1	#2	CITY OF HOLLYWOOD
									SL-2	#2	
									SL-3	#6	
									SL-4	#6	

PROPOSED LOAD CENTER "SL"				
200 A MCB, 480 V TO GROUND, 1 PHASE, 2 WIRE SERVICE				
CKT NO.	SERVING	PROPOSED LOAD (KVA)	PROPOSED LOAD (A)	CIRCUIT BREAKER
SL-1	STREET LIGHTING (POLES NW OF 10TH AVE)	8.99	18.73	1P-40A
SL-2	STREET LIGHTING (POLES SW OF 10TH AVE)	8.68	18.08	1P-40A
SL-3	STREET LIGHTING (POLES NE OF 10TH AVE)	3.83	7.97	1P-40A
SL-4	STREET LIGHTING (POLES SE OF 10TH AVE)	6.22	12.96	1P-40A
		CONTINUOUS LOAD = 27.7 KVA		
		25% CONT. LOAD = 6.9 KVA		
		TOTAL LOAD = 34.6 KVA		
		72.2 A		

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SERVICE POINT DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC. 2555 NW 102ND AVENUE, SUITE 214 DORAL, FL. 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 820	BROWARD	447654-1-52-01		

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Exhibit B

SERVICE POINT DATA TABLE

SERVICE	ENCLOSURE SIZE & SERVICE COND.	ARTERIAL	ROADWAY	FROM	BEG. MP	TO	END MP	LOCATION	CIRCUIT	CONDUCTORS	MAINTAINING AGENCY
EXISTING LOAD CENTER 'A'	480V TO GND. SINGLE PHASE, 2 WIRE SERVICE	SR 820	860400	DRAWBRIDGE #860230	N/A	ARIZONA ST	N/A	SR 820 EB OFF RAMP TO SR A1A	A-1	#6	CITY OF HOLLYWOOD
									A-2	#6	
									A-3	#6	
									A-4	#6	

EXISTING LOAD CENTER "A"				
100 A MCB, 480 V TO GROUND, 1 PHASE, 2 WIRE SERVICE (FROM FDOT STATE PROJECT #86040-3507 AS BUILT)				
CKT NO.	SERVING	EXISTING LOAD (A)	PROPOSED LOAD (A)	CIRCUIT BREAKER
A-1	STREET LIGHTING (POLES ON SR 820 EB AND SB OFF RAMP AND ACCESS ROAD)	5.45	3.63	1P-20A
A-2	STREET LIGHTING (POLES ON SR 820 WB ON RAMP AND SR A1A NB)	11.93	11.08	1P-20A
A-3	STREET LIGHTING (POLES ON SR A1A SB)	9.98	9.98	1P-20A
A-4	STREET LIGHTING (POLES ON SR 820 SB ON RAMP, SR A1A NB, AND ACCESS ROAD)	7.80	7.21	1P-20A
SPARE				1P-20A
SPARE				1P-20A
		CONTINUOUS LOAD = 15.3 KVA		
		25% CONT. LOAD = 3.8 KVA		
		TOTAL LOAD = 19.1 KVA		
		39.9 A		

NOTE: NEW TOTAL LOAD DOES NOT EXCEED THE EXISTING LOAD.

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SERVICE POINT DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER W. TILLIT, P.E. P.E. LICENSE NUMBER 73059 PREMIERE LIGHTING & TRAFFIC, INC. 2555 NW 102ND AVENUE, SUITE 214 DORAL, FL. 33172		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-25
						SR 820	BROWARD	447654-1-52-01		

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