

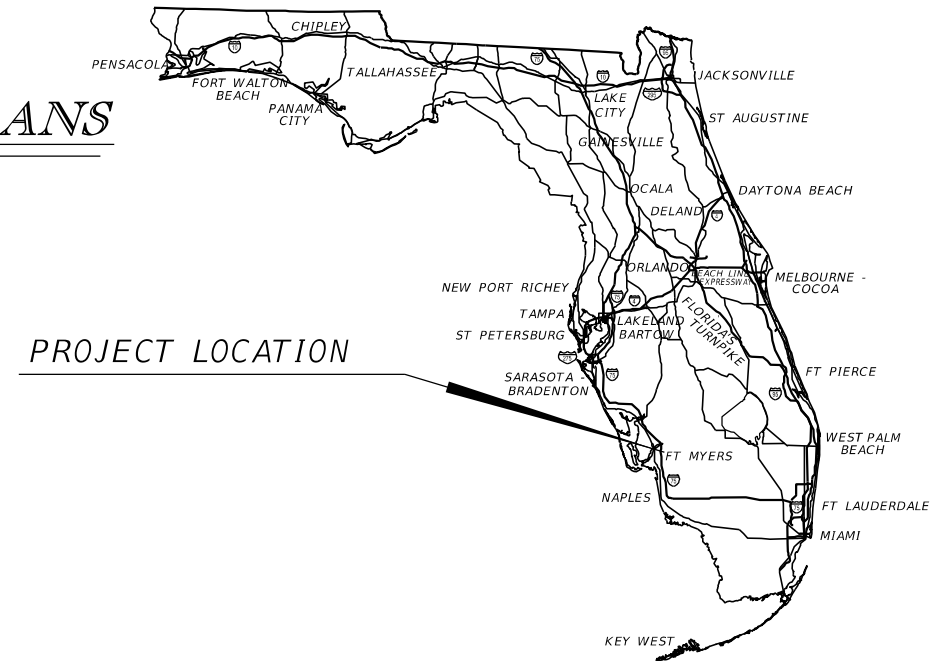
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLANS

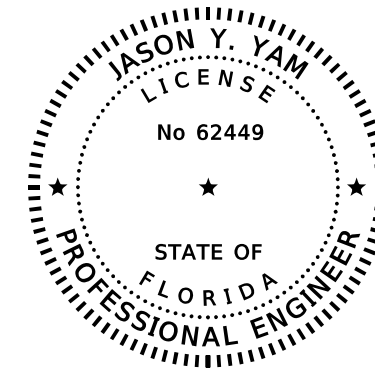
INDEX OF SIGNING AND PAVEMENT MARKING PLANS

| <i>SHEET NO.</i> | <i>SHEET DESCRIPTION</i> |
|------------------|-------------------------------|
| S-1 | KEY SHEET |
| S-2 | SUMMARY OF PAY ITEMS |
| S-3 | PROJECT NOTES AND DETAILS |
| S-4 THRU S-9 | SIGNING AND PAVEMENT MARKINGS |
| S-10 | GUIDE SIGN WORKSHEET |

*GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE
INTERSECTION CONTROL (ROUNDBOUT)*



PROJECT LOCATION



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

**SIGNING AND PAVEMENT MARKING
PLANS ENGINEER OF RECORD:**

JASON Y. YAM, P.E.
P.E. NO.: 62449
CARDNO, INC.
380 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FL 33759
(727) 531-3505
CERTIFICATE OF AUTHORIZATION NO.: 29915


COUNTY PROJECT MANAGER:
Alejandro J. Slaibe, P.E.

| <i>CIP NO.</i> | <i>FISCAL YEAR</i> | <i>SHEET NO.</i> |
|----------------|------------------------|----------------------|
| 200671 | 19 | S-1 |

TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION | UNIT | SHEET NUMBERS | | | | | | | | | | | | TOTAL THIS SHEET | | GRAND TOTAL | |
|--------------|--|------|---------------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------------------|-------|-------------|-------|
| | | | S-4 | | S-5 | | S-6 | | S-7 | | S-8 | | S-9 | | PLAN | FINAL | PLAN | FINAL |
| | | | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | PLAN | FINAL | | | | |
| 654-2-21 | RECTANGULAR RAPID FLASHING BEACON, F&I-SOLAR POWERED, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION | AS | | | 16 | | | | | | | | | | 16 | | 16 | |
| 700-1-11 | SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | 1 | | 14 | 3 | | 3 | | 1 | | | 2 | | 24 | | 24 | |
| 700-1-60 | SINGLE POST SIGN, REMOVE | AS | 1 | | | 1 | | | | 5 | | | | | 7 | | 7 | |
| 700-2-11 | MULTI-POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | | | 2 | | | | | | | | | | 2 | | 2 | |
| 700-2-12 | MULTI-POST SIGN, F&I GROUND MOUNT, 12-20 SF | AS | | | 2 | | | | | | | | | | 2 | | 2 | |
| 710-90 | PAINTED PAVEMENT MARKINGS, FINAL SURFACE | LS | | | | | | | | | | | | | | | | 1 |
| * | RETRO-REFLECTIVE PAVEMENT MARKERS - BI-DIRECTIONAL WHITE/RED | EA | | | 50 | 6 | | 3 | | 50 | | 8 | | | 117 | | 117 | |
| * | RETRO-REFLECTIVE PAVEMENT MARKERS - BI-DIRECTIONAL YELLOW/YELLOW | EA | | | | | | | | | | 40 | | | 40 | | 40 | |
| * | STANDARD, WHITE, SOLID, 6" | GM | | | 0.394 | 0.048 | | 0.048 | | 0.116 | | 0.100 | | | 0.706 | | 0.706 | |
| * | STANDARD, WHITE, SOLID, 8" | GM | | | 0.089 | | | 0.008 | | 0.084 | | | | | 0.181 | | 0.181 | |
| * | STANDARD, WHITE, SOLID, 12" | LF | | | 470 | | | | | | | | | | 470 | | 470 | |
| * | STANDARD, WHITE, SOLID, 18" | LF | | | 110 | | | 15 | | 355 | | | | | 480 | | 480 | |
| * | STANDARD, WHITE, SOLID, 24" | LF | | | 430 | | | | | | | | 15 | | 445 | | 445 | |
| * | STANDARD, YELLOW, SOLID, 6" | GM | | | 0.227 | 0.048 | | 0.114 | | 0.142 | | 0.128 | | | 0.659 | | 0.659 | |
| * | STANDARD, YELLOW, SOLID, 18" | LF | | | | | | | | | | 65 | | | 65 | | 65.000 | |
| * | STANDARD, WHITE, 2-4 DOTTED GUIDELINE/6-10 GAP EXTENSION, 6" | GM | | | 0.013 | | | 0.023 | | 0.012 | | | | | 0.048 | | 0.048 | |
| * | STANDARD, WHITE, 2-2 DOTTED GUIDELINE, 12" FOR ROUNDABOUT | GM | | | 0.044 | | | | | | | | | | 0.044 | | 0.044 | |
| * | STANDARD, WHITE, 10-30 SKIP, 6" | GM | | | 0.064 | 0.048 | | | | 0.064 | | | | | 0.176 | | 0.176 | |
| * | STANDARD, YELLOW, 6-10 DOTTED EXTENSION LINE, 6" | GM | | | | | | | | | | 0.025 | | | 0.025 | | 0.025 | |
| * | STANDARD WHITE MESSAGE | | | | | | | | | | | | | | | | | |
| * | YIELD | EA | | | 7 | | | | | | | | | | 7 | | 7 | |
| * | MERGE | EA | | | | | | | 2 | | | | | | 2 | | 2 | |
| * | STANDARD WHITE ARROW | | | | | | | | | | | | | | | | | |
| * | LEFT | EA | | | | | | | | 3 | | | | | 3 | | 3 | |
| * | THROUGH | EA | | | 3 | | | | | | | | | | 3 | | 3 | |
| * | RIGHT | EA | | | 2 | | | | | | | | 3 | | 5 | | 5 | |
| * | THROUGH / RIGHT | EA | | | 3 | 1 | | | | | | | | | 4 | | 4 | |
| * | THROUGH / LEFT ROUNDABOUT | EA | | | 5 | 1 | | | | | | | | | 6 | | 6 | |
| * | THROUGH / LEFT | EA | | | 4 | | | | | | | | | | 4 | | 4 | |
| * | MERGE | EA | | | | | | | 2 | | | | | | 2 | | 2 | |
| 711-11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS | LF | | | 110 | | | | 15 | 355 | | | | | 480 | | 480 | |
| 711-11-141 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/6-10 GAP EXTENSION, 6" | GM | | | 0.013 | | | | 0.023 | 0.012 | | | | | 0.048 | | 0.048 | |
| 711-11-144 | THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED GUIDELINE, 12" FOR ROUNDABOUT | GM | | | 0.044 | | | | | | | | | | 0.044 | | 0.044 | |
| 711-11-224 | THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON | LF | | | | | | | | | | 65 | | | 65 | | 65 | |
| 711-11-241 | THERMOPLASTIC, STANDARD, YELLOW, 6-10 DOTTED EXTENSION LINE, 6" | GM | | | | | | | | | | 0.025 | | | 0.025 | | 0.025 | |
| 711-14-123 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK | LF | | | 470 | | | | | | | | | | 470 | | 470 | |
| 711-14-125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK/STOPBAR | LF | | | 430 | | | | | | | | 15 | | 445 | | 445 | |
| 711-14-160 | THERMOPLASTIC, PREFORMED, WHITE, MESSAGE | | | | | | | | | | | | | | | | | |
| | YIELD | EA | | | 7 | | | | | | | | | | 7 | | 7 | |
| | MERGE | EA | | | | | | | 2 | | | | | | 2 | | 2 | |
| 711-14-170 | THERMOPLASTIC, PREFORMED, WHITE, ARROW | | | | | | | | | | | | | | | | | |
| | LEFT | EA | | | | | | | | 3 | | | | | 3 | | 3 | |
| | THROUGH | EA | | | 3 | | | | | | | | | | 3 | | 3 | |
| | RIGHT | EA | | | 2 | | | | | | | | 3 | | 5 | | 5 | |
| | THROUGH / RIGHT | EA | | | 3 | 1 | | | | | | | | | 4 | | 4 | |
| | THROUGH / LEFT ROUNDABOUT | EA | | | 5 | 1 | | | | | | | | | 6 | | 6 | |
| | THROUGH / LEFT | EA | | | 4 | | | | | | | | | | 4 | | 4 | |
| | MERGE | EA | | | | | | | 2 | | | | | | 2 | | 2 | |
| 711-16-101 | THERMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SOLID, 6" | GM | | | 0.394 | 0.048 | | | 0.084 | 0.116 | | 0.100 | | | 0.742 | | 0.742 | |
| 711-16-102 | THERMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SOLID, 8" | GM | | | 0.089 | | | | 0.008 | 0.084 | | | | | 0.181 | | 0.181 | |
| 711-16-131 | THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP | GM | | | 0.064 | 0.048 | | | | 0.064 | | | | | 0.176 | | 0.176 | |
| 711-16-201 | THERMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SOLID, 6" | GM | | | 0.227 | 0.048 | | | 0.114 | 0.142 | | 0.128 | | | 0.659 | | 0.659 | |

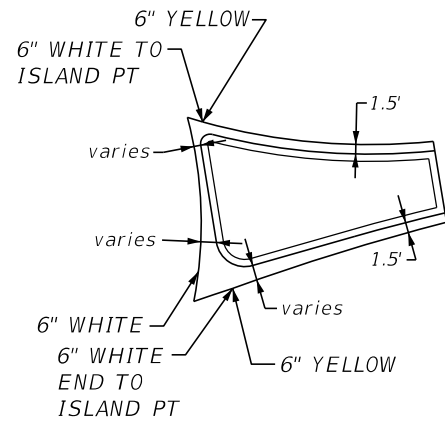
* THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

| | | | | | | | | |
|-----------|-------------|------|-------------|---|---|--|-------------------|-----------------|
| REVISIONS | | | | JASON Y. YAM, P.E. P.E. LICENSE NUMBER 62449 CARDNO, INC. 380 PARK PLACE BOULEVARD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915 |  | GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE INTERSECTION CONTROL (ROUNDABOUT) | CIP NO. 200671 | SHT. NO. S-2 |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | | | |
| | | | | | | <p style="text-align: center;">TABULATION OF QUANTITIES</p> | | |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SIGNING AND PAVEMENT MARKING NOTES:

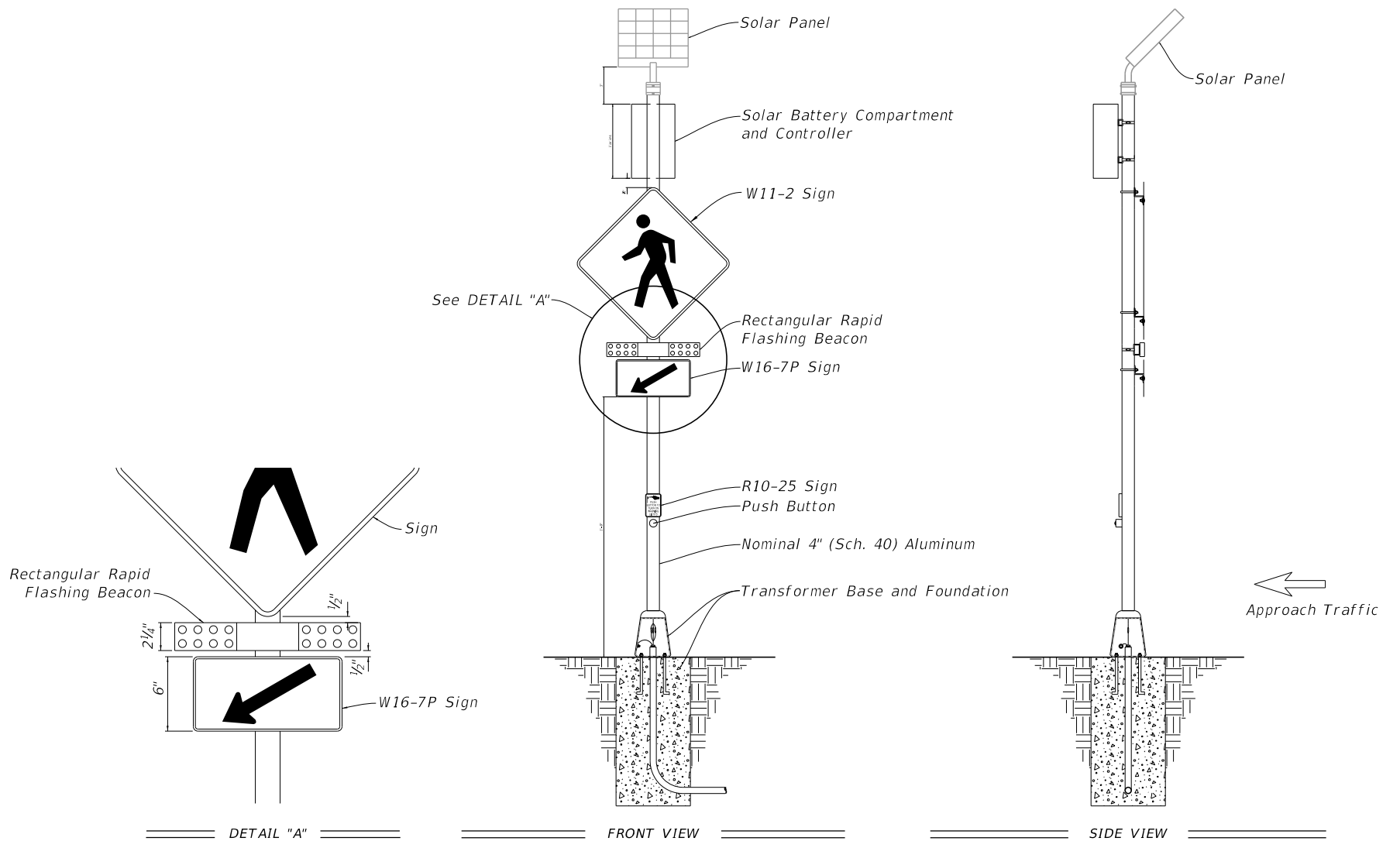
1. SIGNS SHALL BE PLACED BASED ON FDOT STANDARD PLANS INDEX NO. 700-101, UNLESS OTHERWISE NOTED ON PLANS. ALL SIGNS MOUNTED OVER SIDEWALKS SHALL HAVE A VERTICAL CLEARANCE OF EIGHT FEET (8') STANDARD.
2. UNLESS OTHERWISE NOTED ON PLAN SHEETS, ALL CROSSWALKS SHALL BE TEN FEET (10') IN WIDTH. MEASUREMENTS SHALL BE FROM INSIDE TO INSIDE OF 12" STRIPES.
3. ALL PAVEMENT MARKINGS AND CROSSING MARKINGS ARE TO CONFORM TO FDOT STANDARD PLANS INDEX NO. 711-001 AND 711-002 UNLESS OTHERWISE SHOWN ON PLANS.
4. REFER TO FDOT STANDARD PLANS INDEX NO. 706-001 FOR PLACEMENT, TYPE AND SPACING OF ALL REFLECTIVE PAVEMENT MARKERS (RPM'S) UNLESS OTHERWISE SHOWN ON PLANS.
5. FINAL ASPHALT COURSE SHALL HAVE TEMPORARY PAVEMENT MARKINGS FOR 14 DAYS PRIOR TO INSTALLATION OF FINAL (PERMANENT) THERMOPLASTIC MARKINGS.
6. ALL THE TEMPORARY PAVEMENT MARKINGS NOT FULLY COVERED BY THE PERMANENT PAVEMENT SHALL BE REMOVED PRIOR TO INSTALLING FINAL (PERMANENT) THERMOPLASTIC MARKINGS.
7. PAVEMENT MARKING AROUND THE NOSES OF ROUNDABOUT MEDIAN ISLANDS SHALL BE COMPLETED AS SHOWN IN THE MEDIAN ISLAND DETAIL BELOW, UNLESS OTHERWISE SHOWN ON THE PLANS.
8. PAY ITEM 700-1-11: ALL SIGN POSTS SHALL BE SELECTED USING THE PROCESS DESCRIBED IN FDOT STANDARD PLANS INDEX NO. 700-010. ALL SIGN REFLECTIVE SHEETING SHALL BE TYPE 11 DIAMOND GRADE.
9. PAY ITEM 700-1-11: BID PER FDOT PAY ITEM. INSTALL SIGNS ON DECORATIVE POSTS PROVIDED BY GATEWAY SERVICES DISTRICT AND RETURN STANDARD POSTS TO LEE COUNTY DOT. COORDINATE WITH LEE COUNTY DOT FOR DELIVERY OF POSTS.



MEDIAN ISLAND DETAIL (TYP.)

RRFB NOTES:

1. A TRANSFORMER BASE IS REQUIRED FOR BOTH CONVENTIONALLY-POWERED AND SOLAR-POWERED APPLICATIONS.
2. INSTALL THE RRFB IN PAIRS, ONE ON EITHER SIDE OF APPROACH TRAFFIC.
3. INSTALL CONTROLLER ON THE BACKSIDE OF POST FROM APPROACH TRAFFIC.
4. INSTALL PUSH BUTTON AND R10-25 SIGN IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 665-001.
5. ENGAGE ALL THREADS ON THE TRANSFORMER BASE AND POST UNLESS THE ALUMINUM POST IS FULLY SEATED INTO BASE.
6. MEET THE REQUIREMENTS OF SPECIFICATION 646 FOR ALUMINUM POLES AND TRANSFORMER BASES.
7. INSTALL A CONCRETE SLAB AROUND ALL PULL BOXES. THE MINIMUM SLAB DIMENSION IS 4'-0" BY 4'-0". IN URBAN AREAS WHERE SPACE IS LIMITED SLAB DIMENSIONS MAY BE ADJUSTED AS SHOWN IN THE PLANS.
8. FOR ASSEMBLIES CONNECTED TO CONVENTIONAL POWER, PROVIDE SINGLE POLE NON-FUSED WATERTIGHT BREAKAWAY ELECTRICAL CONNECTORS IN THE FRANGIBLE TRANSFORMER BASE.
9. WHEN WIRE ENTRY HOLES ARE DRILLED IN THE SIGN COLUMN, USE A BUSHING OR RUBBER GROMMET TOPROTECT CONDUCTORS.
10. FOR SOLAR-POWERED APPLICATIONS, ORIENT SOLAR PANEL TO FACE SOUTH FOR OPTIMAL EXPOSURE TO SUNLIGHT.



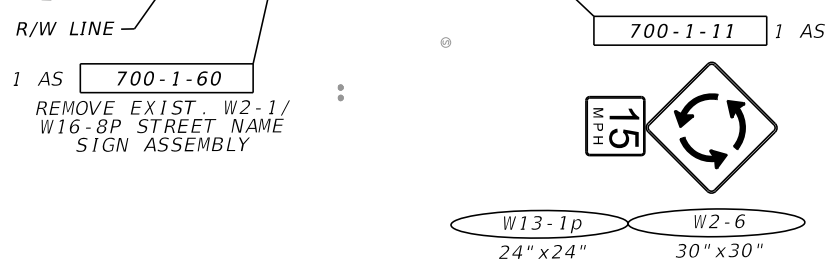
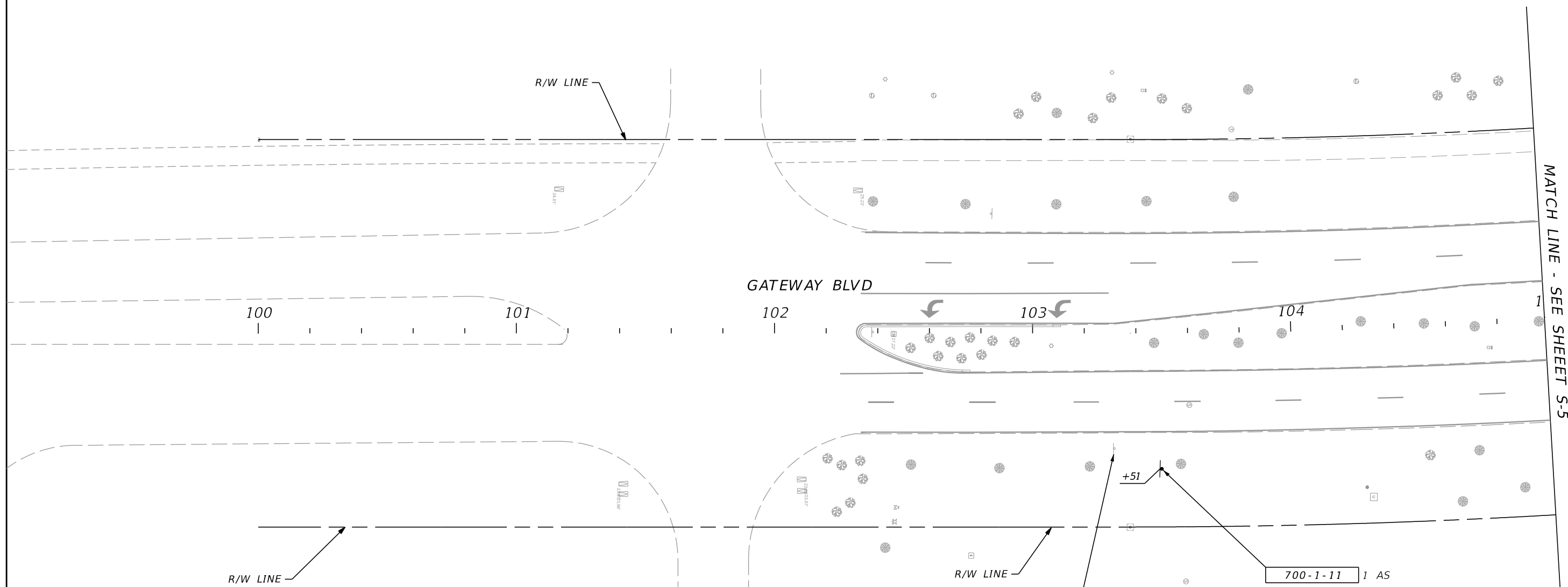
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

JASON Y. YAM, P.E.
P.E. LICENSE NUMBER 62449
CARDNO, INC.
380 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915



| | | | |
|--|--|---------|----------|
| GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE INTERSECTION CONTROL (ROUNDABOUT) | | CIP NO. | SHT. NO. |
| PROJECT NOTES AND DETAILS | | 200671 | S-3 |

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MATCH LINE - SEE SHEET S-5

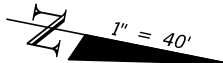
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

JASON Y. YAM, P.E.
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 380 PARK PLACE BOULEVARD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915



GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE
 INTERSECTION CONTROL (ROUNDAABOUT)
SIGNING AND PAVEMENT MARKINGS (1)

| | |
|---------|----------|
| CIP NO. | SHT. NO. |
| 200671 | S-4 |

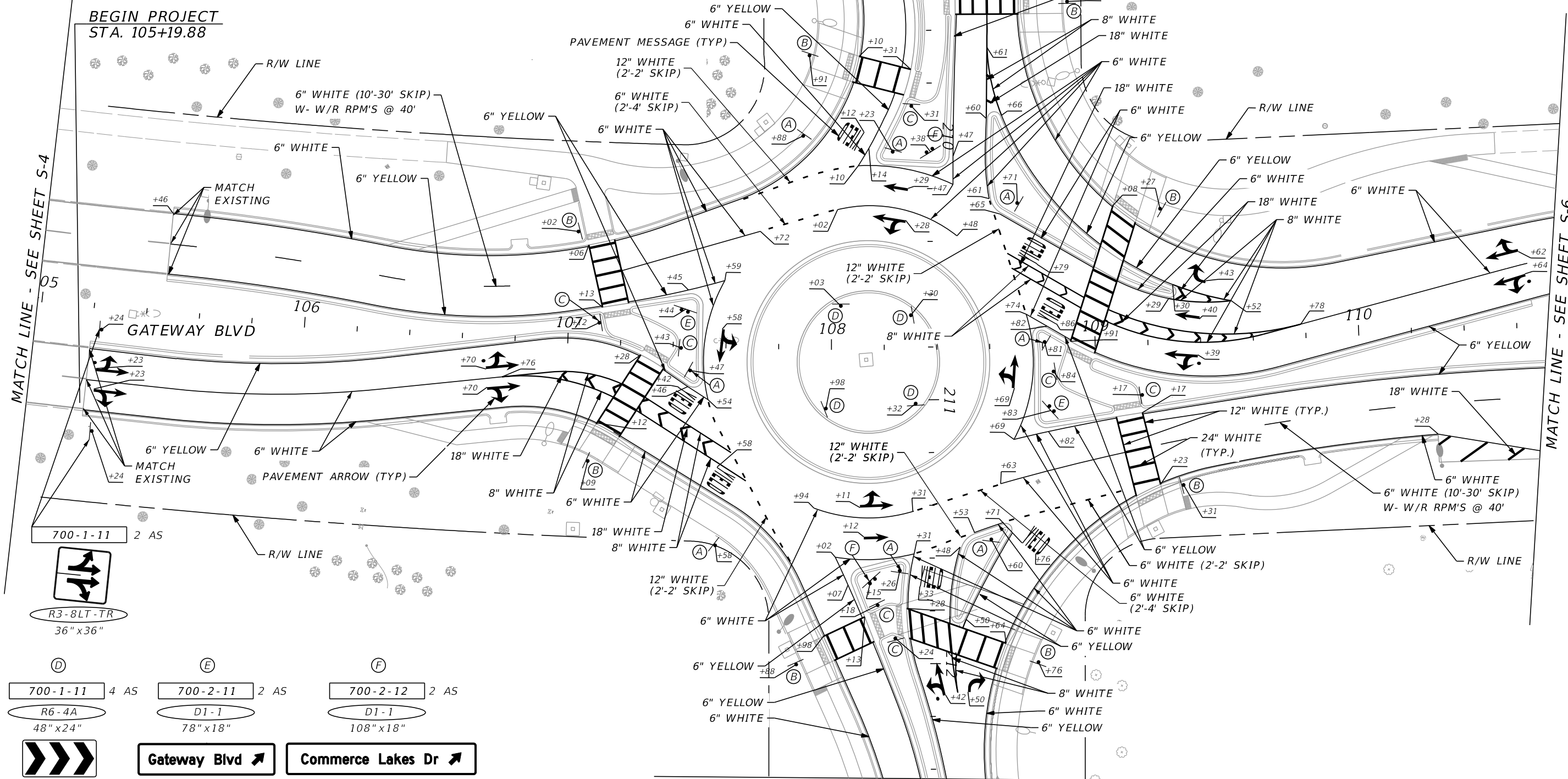


MATCH LINE - SEE SHEET S-8

(A)
700-1-11 8 AS
R1-2
36" x 36" x 36"

(B)
654-2-21 8 AS
W16-7PL 30" x 18"
W11-2 36" x 36"

(C)
654-2-21 8 AS
W16-7PR 30" x 18"
W11-2 36" x 36"



(D)
700-1-11 4 AS
R6-4A
48" x 24"

(E)
700-2-11 2 AS
D1-1
78" x 18"

(F)
700-2-12 2 AS
D1-1
108" x 18"

Gateway Blvd ↗

Commerce Lakes Dr ↗

MATCH LINE - SEE SHEET S-9

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

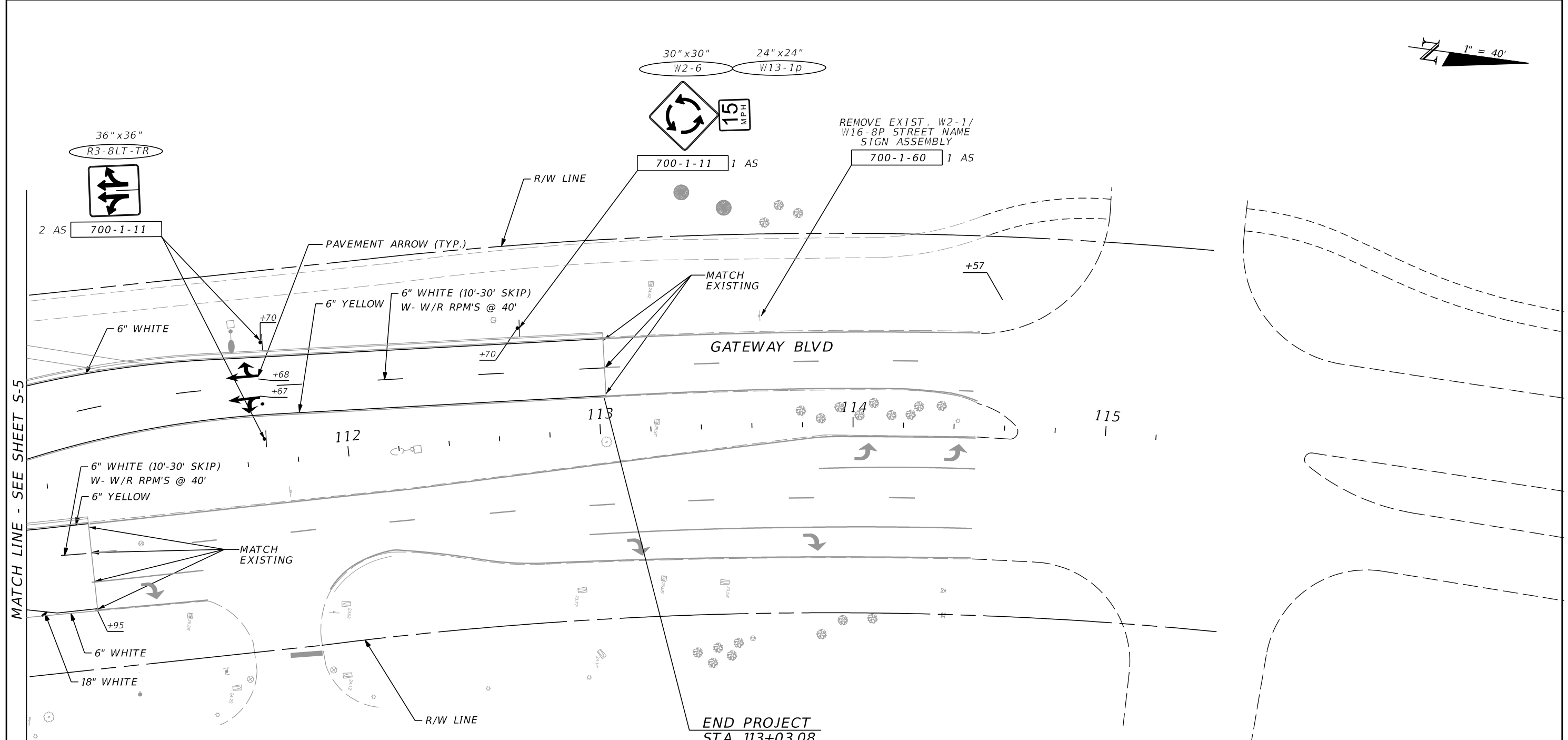
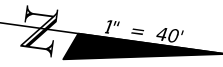
JASON Y. YAM, P.E.
P.E. LICENSE NUMBER 62449
CARDNO, INC.
380 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915



GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE
INTERSECTION CONTROL (ROUNDBOUT)
SIGNING AND PAVEMENT MARKINGS (2)

| | |
|---------|----------|
| CIP NO. | SHT. NO. |
| 200671 | S-5 |

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MATCH LINE - SEE SHEET S-5

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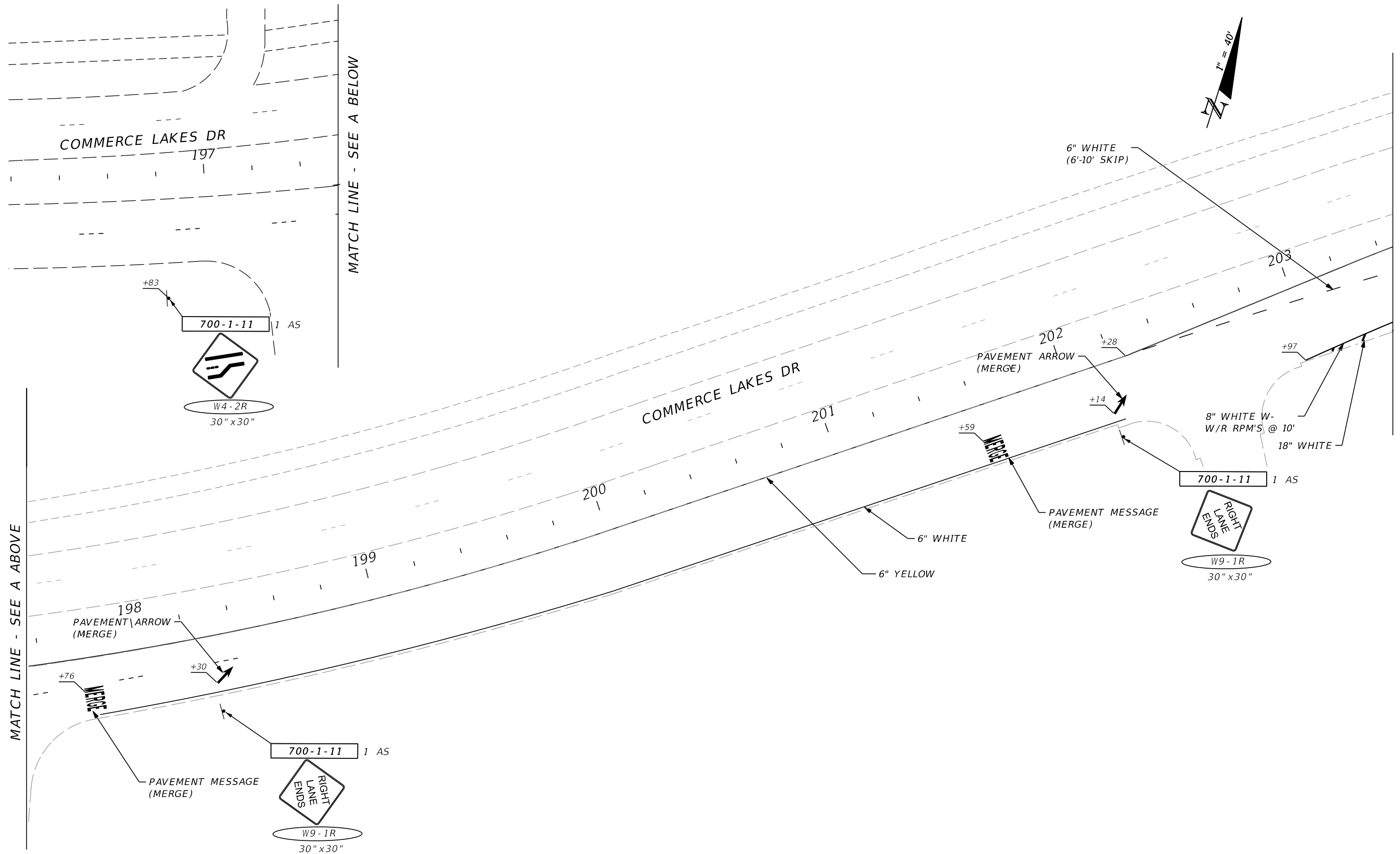
| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

JASON Y. YAM, P.E.
 P.E. LICENSE NUMBER 62449
 CARDNO, INC.
 380 PARK PLACE BOULEVARD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915



GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE
 INTERSECTION CONTROL (ROUNDBOUT)
SIGNING AND PAVEMENT MARKINGS (3)

| | |
|---------|----------|
| CIP NO. | SHT. NO. |
| 200671 | S-6 |



MATCH LINE - SEE A ABOVE

MATCH LINE - SEE A BELOW

MATCH LINE - SEE SHEET S-8

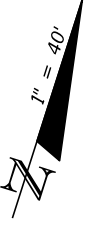
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

JASON Y. YAM, P.E.
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380 PARK PLACE BOULEVARD, SUITE 300
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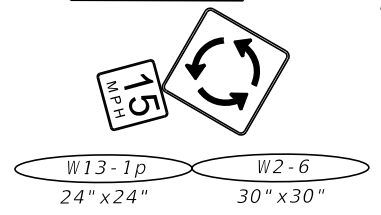
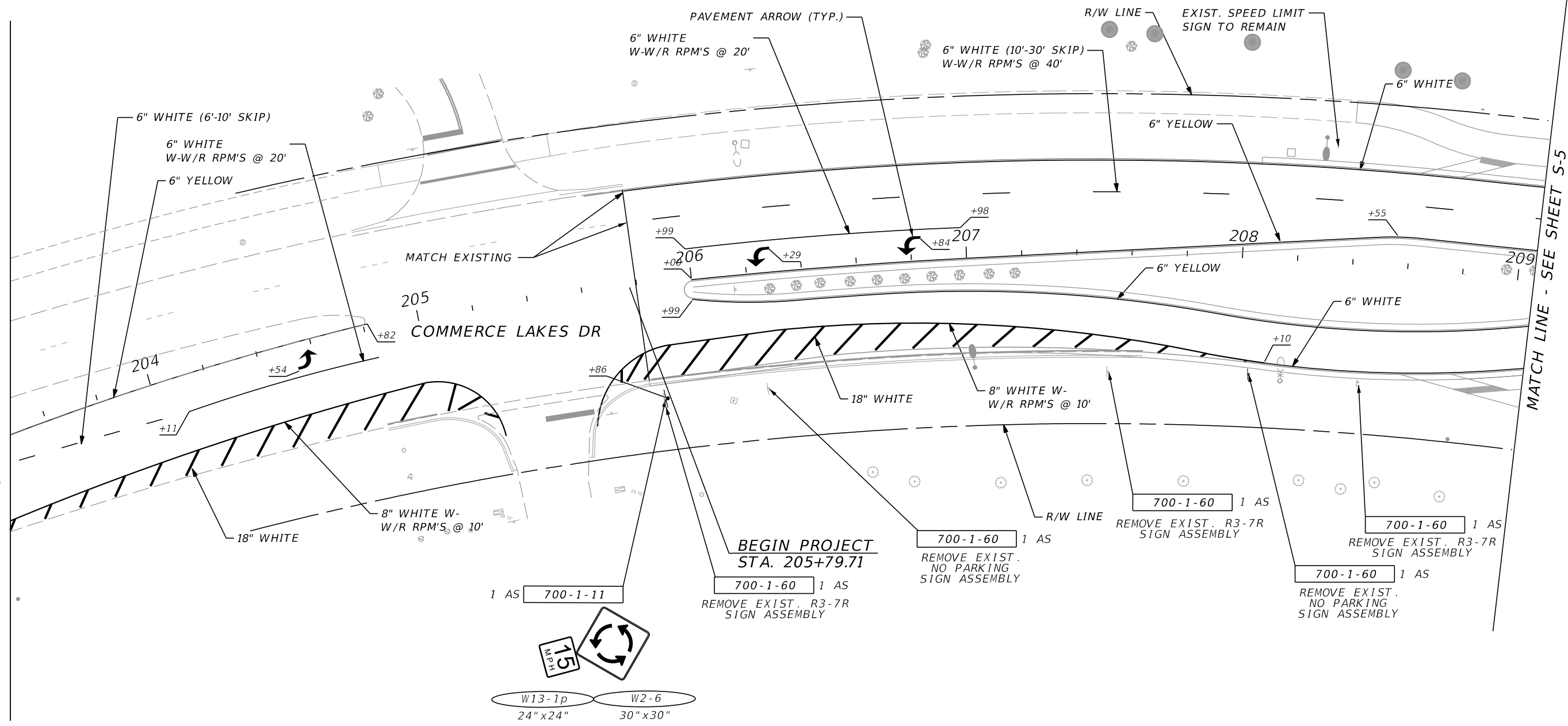
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| GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE INTERSECTION CONTROL (ROUNDAABOUT) | | CIP NO. | SHT. NO. |
| SIGNING AND PAVEMENT MARKINGS (4) | | 200671 | S-7 |

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MATCH LINE - SEE SHEET S-7

MATCH LINE - SEE SHEET S-5



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

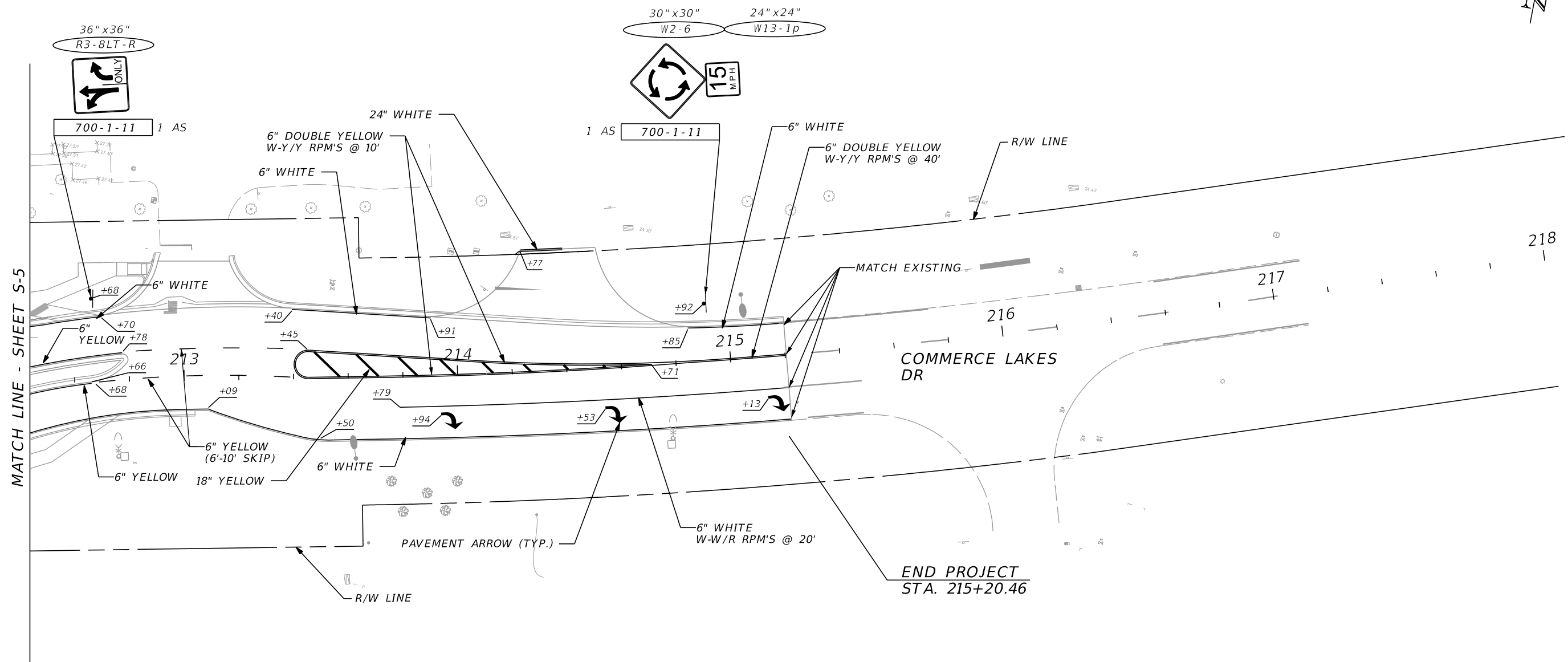
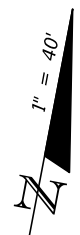
JASON Y. YAM, P.E.
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 380 PARK PLACE BOULEVARD, SUITE 300
 CLEARWATER, FLORIDA 33759
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GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE
 INTERSECTION CONTROL (ROUNDAABOUT)
SIGNING AND PAVEMENT MARKINGS (5)

| | |
|---------|----------|
| CIP NO. | SHT. NO. |
| 200671 | S-8 |

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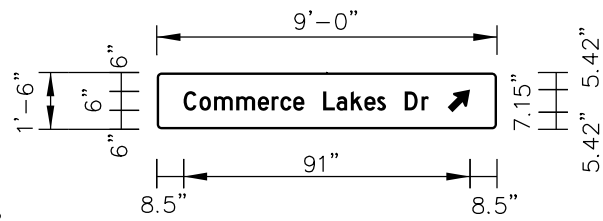
MATCH LINE - SHEET S-5

END PROJECT
STA. 215+20.46

| REVISIONS | | | | JASON Y. YAM, P.E. P.E. LICENSE NUMBER 62449 CARDNO, INC. 380 PARK PLACE BOULEVARD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915 | | GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE INTERSECTION CONTROL (ROUNDAABOUT) | | CIP NO. | SHT. NO. |
|-----------|-------------|------|-------------|---|--|---|--|---------|----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | | SIGNING AND PAVEMENT MARKINGS (6) | | | |
| | | | | | | | | 200671 | S-9 |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

| | | | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|----|------------|--|
| SIGN NAME | F (D1-1d) | QTY | 2 | SIGN NUMBER | | STATION(S) | |
| PANEL | BORDER | | | | | 108+15 | |
| WIDTH | 9'-0" | WIDTH | 0.75" | | | 108+38 | |
| HEIGHT | 1'-6" | RADII | 1.5" | | | | |
| LEGEND | White | COLOR | White | | | | |
| COLOR | Green | | | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT | | |
| AR_Type D | 315 | 92.3 | 5.4 | 6 | 9 | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | | | |
| | | | | | | | |

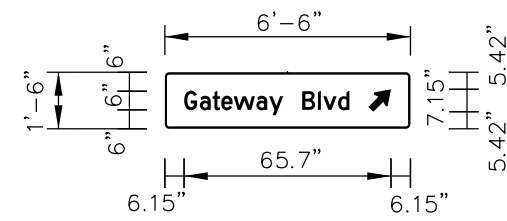


BORDER
R=1.5"
TH=0.75"

| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|-------|-----|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|------|------|--|--|
| COPY | C | o | m | m | e | r | c | e | L | a | k | e | s | D | r | L | | | | |
| SPACE | 8.5 | 13.6 | 18.2 | 25.3 | 32.1 | 36.5 | 39.2 | 43.3 | 46.9 | 52.9 | 57.1 | 61.6 | 65.9 | 70 | 72.8 | 78.8 | 84.1 | 77.8 | | |
| COPY | | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|----|------------|--|
| SIGN NAME | E (D1-1d) | QTY | 2 | SIGN NUMBER | | STATION(S) | |
| PANEL | BORDER | | | | | 107+44 | |
| WIDTH | 6'-6" | WIDTH | 0.75" | | | 108+82 | |
| HEIGHT | 1'-6" | RADII | 1.5" | | | | |
| LEGEND | White | COLOR | White | | | | |
| COLOR | Green | | | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT | | |
| AR_Type D | 315 | 64.7 | 5.4 | 6 | 9 | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | | | |
| | | | | | | | |



BORDER
R=1.5"
TH=0.75"

| | | | | |
|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

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|-------|-----|------|------|----|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| COPY | G | a | t | e | w | a | y | B | i | v | d | L | | | | | | | |
| SPACE | 6.2 | 11.2 | 15.2 | 18 | 21.9 | 29.1 | 33.2 | 37.7 | 43.7 | 48.7 | 50.3 | 55.1 | 52.5 | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|-------------|-----------------|------------------------|-------------|----------------|----|------------|--|
| SIGN NAME | | QTY | | SIGN NUMBER | | STATION(S) | |
| PANEL | BORDER | | | | | | |
| WIDTH | WIDTH | | | | | | |
| HEIGHT | RADII | | | | | | |
| LEGEND | COLOR | | | | | | |
| COLOR | | | | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT | | |
| | | | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | | | |
| | | | | | | | |

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|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

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|-------------|-----------------|------------------------|-------------|----------------|----|------------|--|
| SIGN NAME | | QTY | | SIGN NUMBER | | STATION(S) | |
| PANEL | BORDER | | | | | | |
| WIDTH | WIDTH | | | | | | |
| HEIGHT | RADII | | | | | | |
| LEGEND | COLOR | | | | | | |
| COLOR | | | | | | | |
| SYMBOL(S) | ANGLE | X | Y | WID | HT | | |
| | | | | | | | |
| SIGN NUMBER | NUMBER OF POSTS | CLEARANCE Edge Of Lane | COLUMN SIZE | AVERAGE LENGTH | | | |
| | | | | | | | |

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|-----------------------|-----------------|-------------------|------|---------|
| NO. OF LIGHT FIXTURES | FIXTURE SPACING | PHOTOMETRIC CURVE | WATT | VOLTAGE |
| | | | | |

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|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| COPY | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | |

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|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| COPY | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | |
| COPY | | | | | | | | | | | | | | | | | | | |
| SPACE | | | | | | | | | | | | | | | | | | | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

JASON Y. YAM, P.E.
P.E. LICENSE NUMBER 62449
CARDNO, INC.
380 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915



GATEWAY BOULEVARD AT COMMERCE LAKES DRIVE
INTERSECTION CONTROL (ROUNDAABOUT)
GUIDE SIGN WORKSHEET

| | |
|---------|----------|
| CIP NO. | SHT. NO. |
| 200671 | S-10 |

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