

Bryant Commons Access & Deceleration Ln.

US 84 East, SR 38, SR 196

for

The City of Hinesville

Liberty County, Georgia

June 25, 2025

| SHEET INDEX | DESCRIPTION | SHEET: |
|-------------|----------------------------------|----------|
| 1. | COVER | CVR |
| 2. | EXISTING CONDITIONS/DEMO | C1.0 |
| 3. | SITE PLAN SHEET | C2.0 |
| 4. | UTILITY PLAN | C2.1 |
| 5. | EROSION & SEDIMENT CONTROL SHEET | C3.0 |
| 6. | DETAILS | C5.0 |
| 7. | GDOT DETAILS | C6.0-6.7 |

GENERAL NOTES

- ALL EXISTING UTILITIES SHOWN ARE LOCATED FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL FIELD LOCATION AND PROTECTION OF EXISTING UTILITIES. OVERHEAD LINES ARE NOT SHOWN FOR CLARITY.
- ALL DISTURBED AREAS TO BE RE-VEGETATED IMMEDIATELY AFTER CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
- ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY PROPERTY CORNERS, RIGHT OF WAY MONUMENTS, SIGNS OR OTHER STRUCTURES DISTURBED DURING CONSTRUCTION.
- ALL TRAFFIC AND SIGNAGE CONTROL SHALL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL MANUAL GUCC, CURRENT EDITION.
- ALL STREET AND INFRASTRUCTURE INSTALLATION TO BE IN ACCORDANCE WITH GDOT AND CITY OF HINESVILLE DEVELOPMENT STANDARDS.
- LANE CLOSURES SHOULD ONLY BE BETWEEN THE HOURS OF 7:00 PM - 5:00 AM.

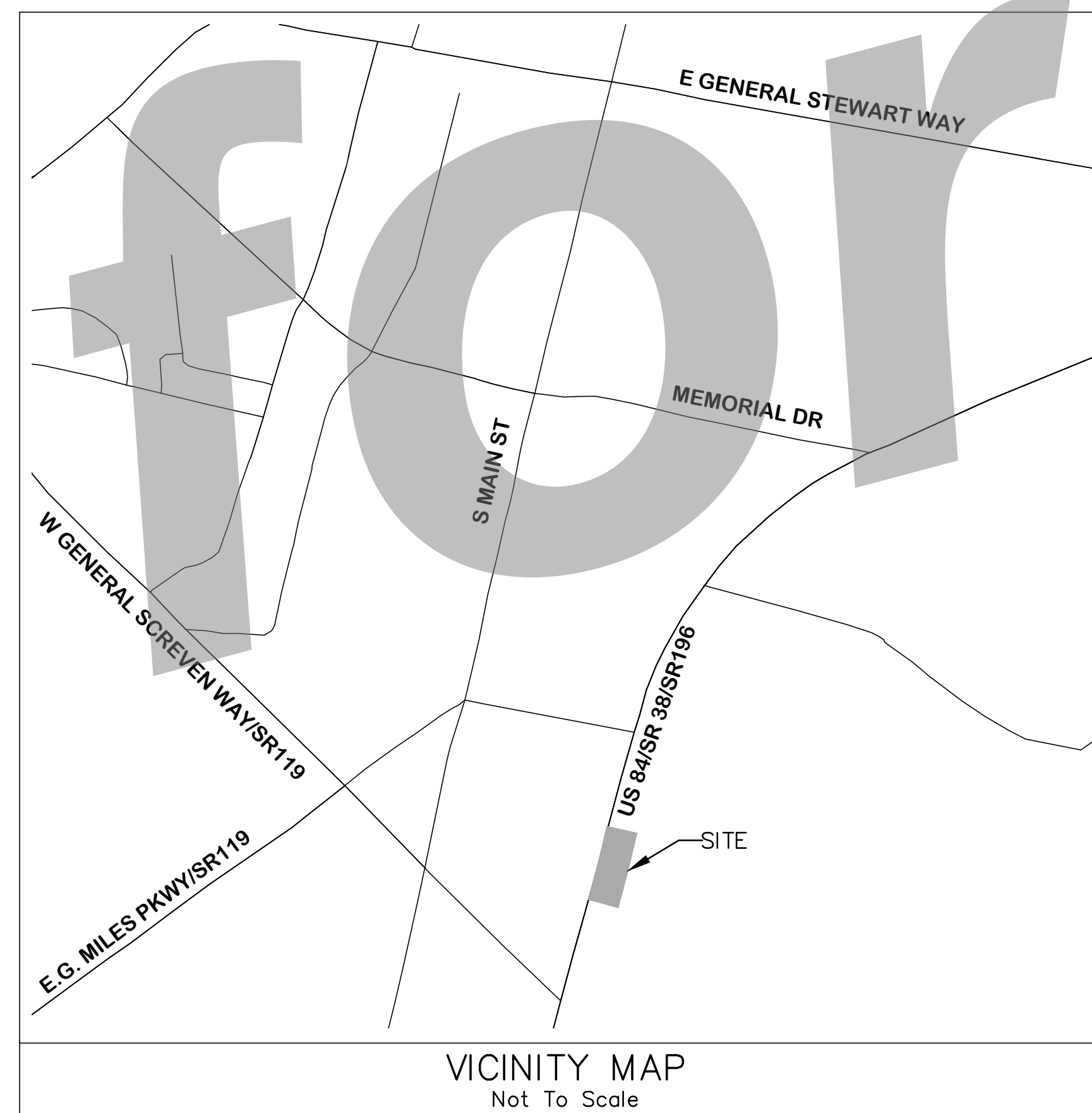
OWNER/AGENT

CITY OF HINESVILLE
 CONTACT: RYAN ARNOLD
 (CITY MANAGER)
 115 EAST M.L. KING, JR. DRIVE
 HINESVILLE, GA 31313
 TEL: (912) 876-3564
 rarnold@cityofhinesville.org

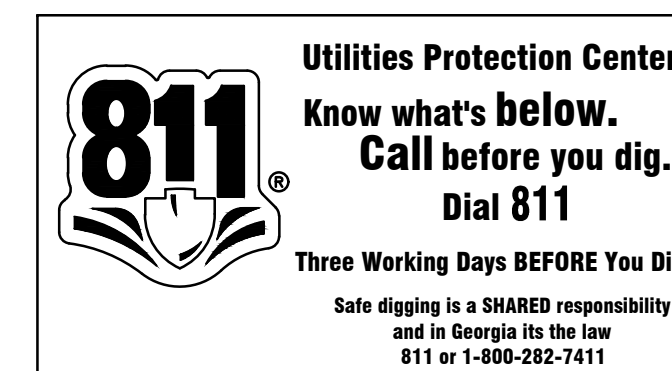
24 HOUR CONTACT

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 rarnold@cityofhinesville.org

| DRAWING LEGEND | | |
|---------------------------------|---------------------|---------------------------|
| DESCRIPTION | PROPOSED | EXISTING |
| SANITARY SEWER | --- | --- |
| UNDERGROUND WATER LINE | --- | --- |
| FORCE MAIN | --- | --- |
| STORM DRAINAGE PIPE | --- | --- |
| UNDERGROUND TELEPHONE LINE | --- | --- |
| UNDERGROUND TELEPHONE CONDUIT | --- | --- |
| UNDERGROUND GAS LINE | --- | --- |
| DITCH CENTERLINE | --- | --- |
| TOP OF CURB & GUTTER ELEVATIONS | TC=90.00 G=89.50 | EX TC=90.00 EX G=89.50 |
| SPOT ELEVATION | X=90.00 | X=90.00 |
| FIRE HYDRANT | ⊗ | ⊗ |
| SEWER MANHOLE | ⊗ | ⊗ |
| WATER VALVE | ⊗ | ⊗ |
| TELEPHONE MANHOLE | ⊗ | ⊗ |
| LIGHT POLE | ⊗ | ⊗ |
| SIGN | ⊗ | ⊗ |
| WATER METER | ⊗ | ⊗ |
| BENCHMARK | ⊗ | ⊗ |
| CONCRETE MONUMENT FOUND | ⊗ | ⊗ |
| GUY POLE | ⊗ | ⊗ |
| IRON PIN FOUND | ⊗ | ⊗ |
| IRON PIN SET | ⊗ | ⊗ |
| TELEPHONE PEDESTAL | ⊗ | ⊗ |
| POWER POLE | ⊗ | ⊗ |
| HANDICAP SPACE | ⊗ | ⊗ |
| SEDIMENT BASIN MARKER W/NOTCH | ⊗ | ⊗ |



ENGINEER
 PAUL SIMONTON
 SIMONTON ENGINEERING, LLC
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 TEL: 912-977-1502
 paul@simontoneng.com

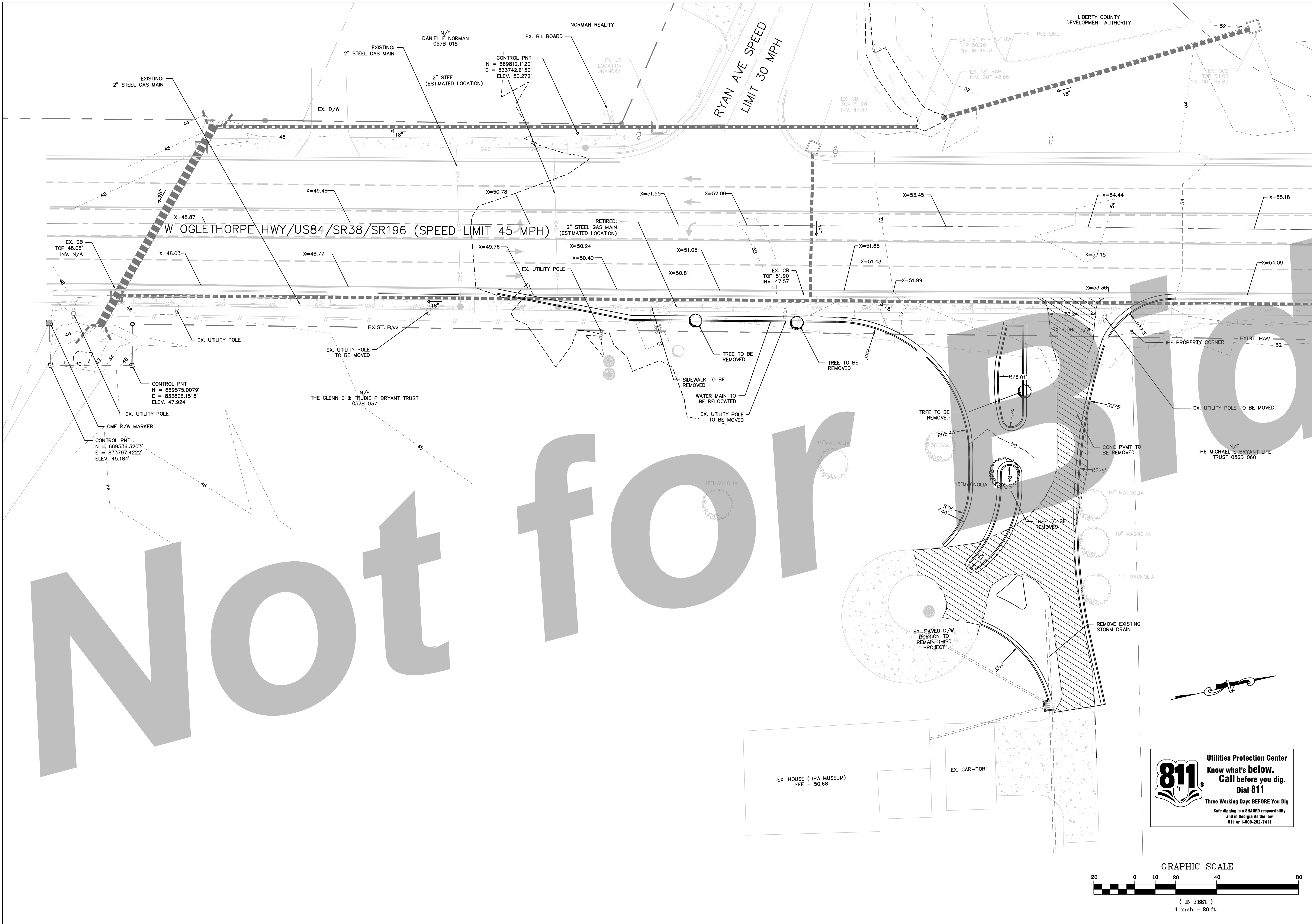


PLANS PREPARED BY: SIMONTON ENGINEERING
 GEORGIA MILITIA DISTRICT: 17

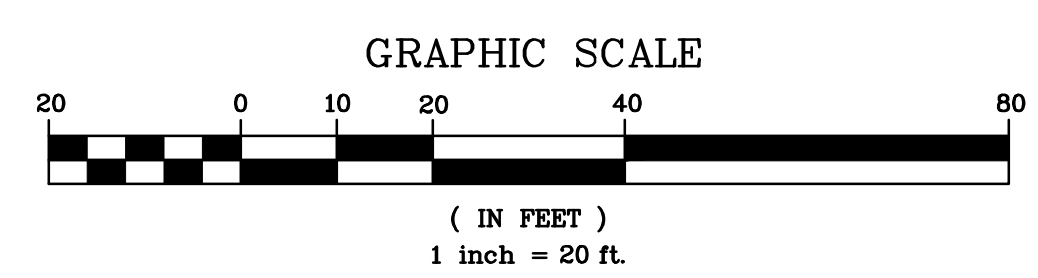
JOB NO. 2024-91PRJ

| REVISION NO. | DATE | DESCRIPTION |
|--------------|---------|---|
| 1 | 10/8/25 | DECEL LANE CHANGED AND CHANGES MADE PER GDOT REVIEW |
| | | |
| | | |
| | | |

Not for Construction



811 Utilities Protection Center
 Know what's below.
 Call before you dig.
 Dial 811
 Three Working Days BEFORE You Dig
 Safe digging is a SHARED responsibility
 and in Georgia its the law
 811 or 1-800-282-7411



REVISIONS

Level II Certification No. 935
 Expiration Date: 10-05-26

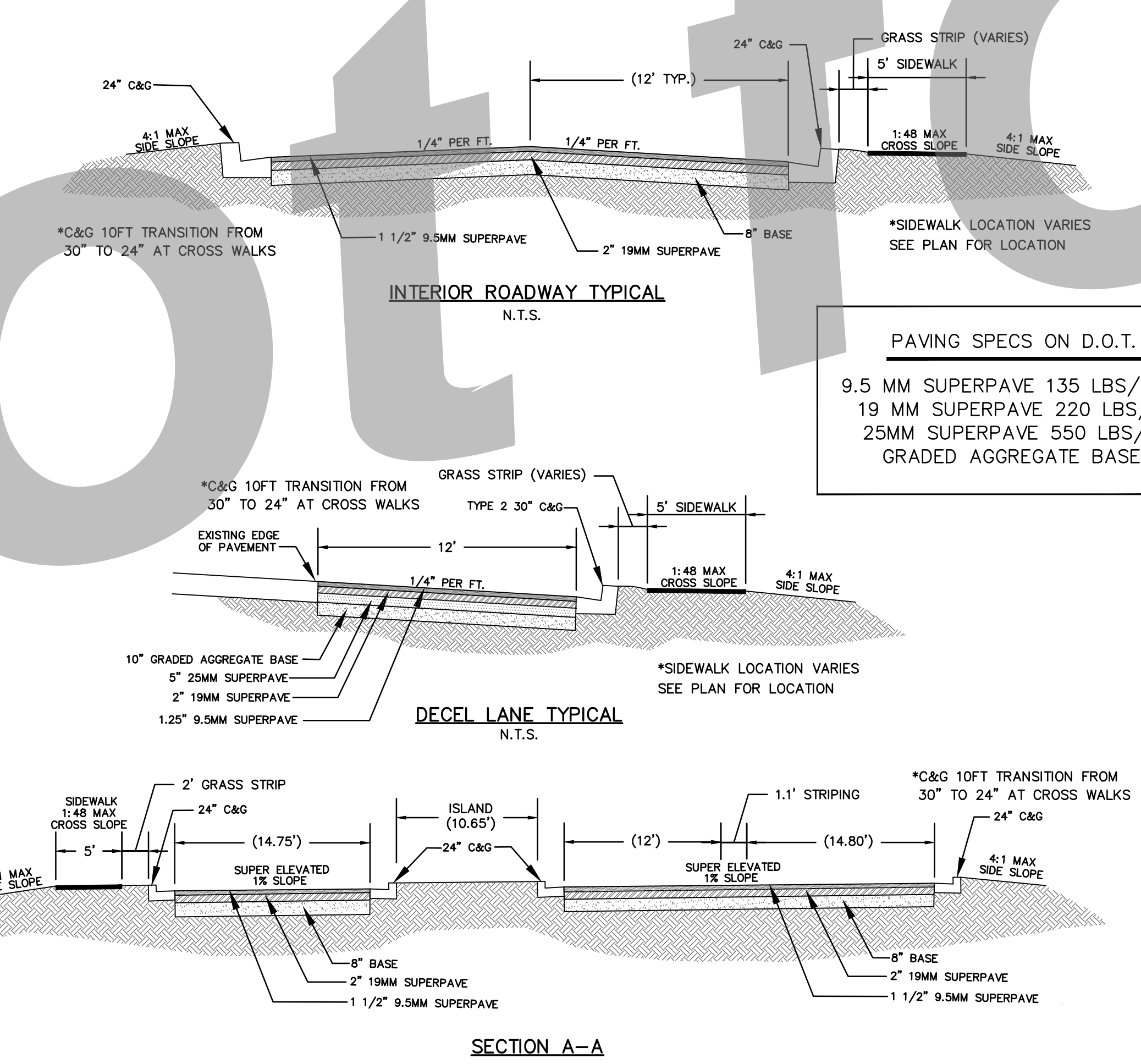
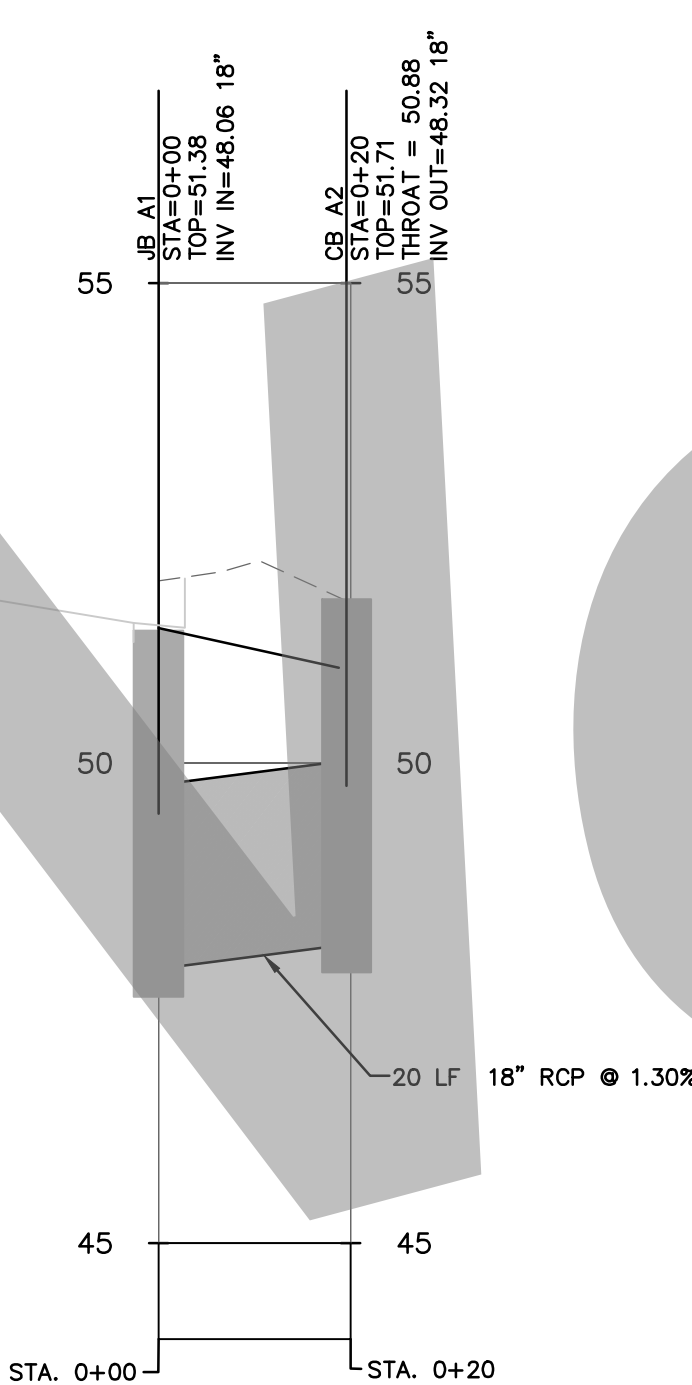
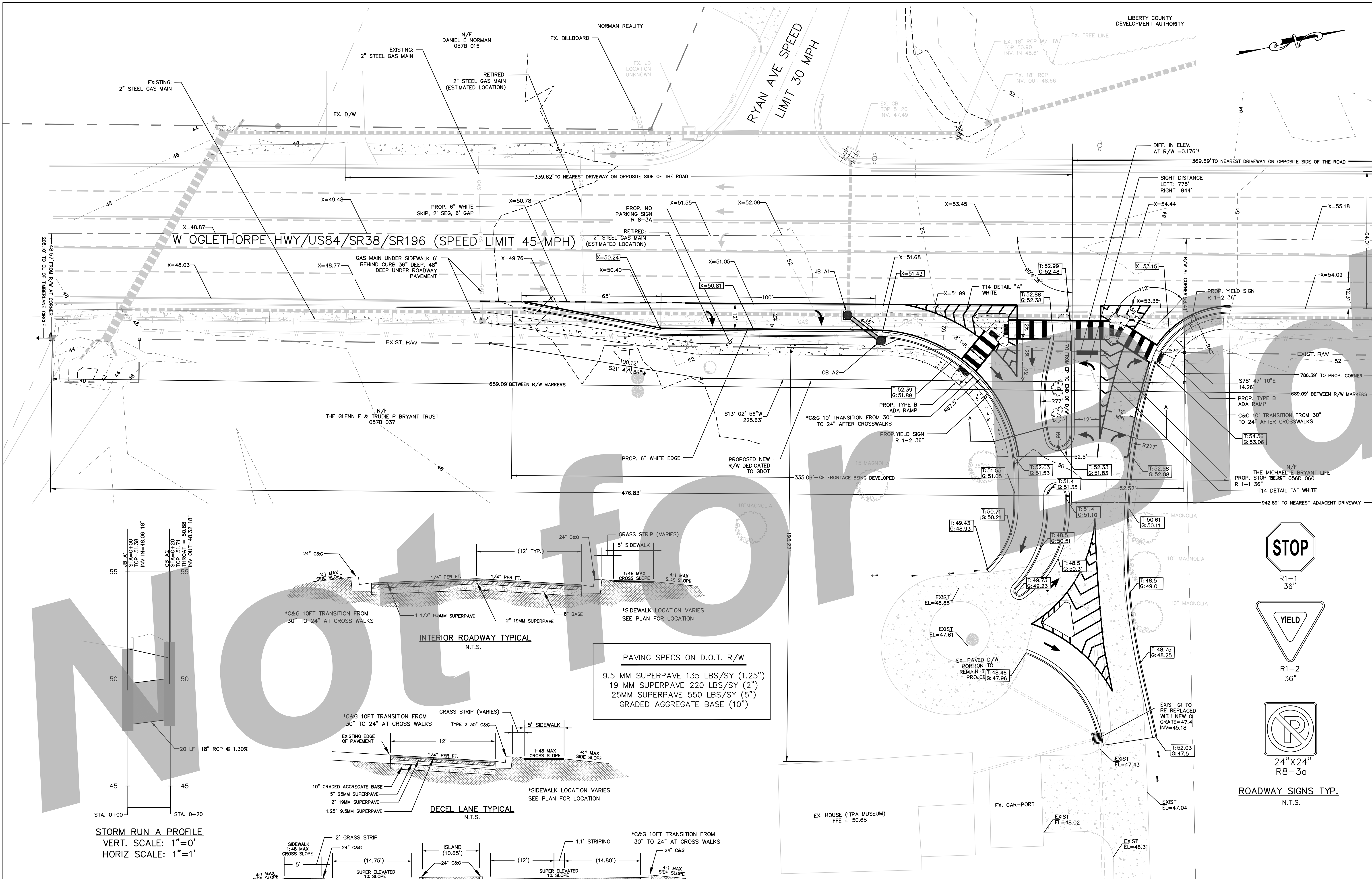
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SIMONTON ENGINEERING

Bryant Commons Access & Decel Ln.
 HWY 84 East, SR 38, SR 196
 for
 The City of Hinesville
 Liberty County, Georgia

Existing Conditions
 DATE: June 17, 2025
 FILE NO: 2024-91.PRI
 SHEET: C1.0

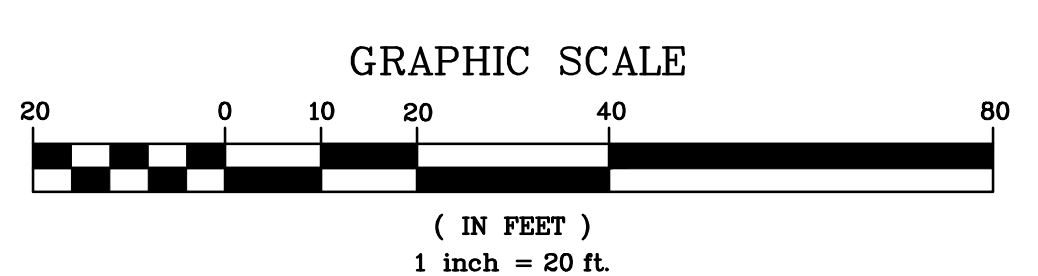
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PAVING SPECS ON D.O.T. R/W

9.5 MM SUPERPAVE 135 LBS/SY (1.25")
 19 MM SUPERPAVE 220 LBS/SY (2")
 25MM SUPERPAVE 550 LBS/SY (5")
 GRADED AGGREGATE BASE (10")

- NOTES:
1. AFTER DETERMINING DEPTH OF GAS LINE (SEE CALL-OUT ON PLAN) CONTACT ATLANTA GAS AND LIGHT TO CONFIRM DEPTH IS ADEQUATE.
 2. 4 TREES TO BE REMOVED TOTAL CALIPER INCHES = 33"
 3. SLOPE BETWEEN ROADWAY AND DRIVEWAY AT THE RIGHT AWAY LINE DOES NOT EXCEED 6.25%
 4. ALL PAVING ON GDOT R/W TO BE DONE ACCORDING TO GDOT PAVING SPECS
 5. ACCESS PERMIT BEGINS AT MILE POST 6.09 AND ENDS AT 6.15 ON SR38



REVISION: DECEL LANE CHANGED AND GDOT RECOMMENDATIONS APPLIED (10-08-25)

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GEORGIA
 REGISTERED PROFESSIONAL ENGINEER
 PAUL C. SIMONTON
 License No. 10000
 3-21-26

Level: Certification No. 935
 Expiration Date: 10-05-26

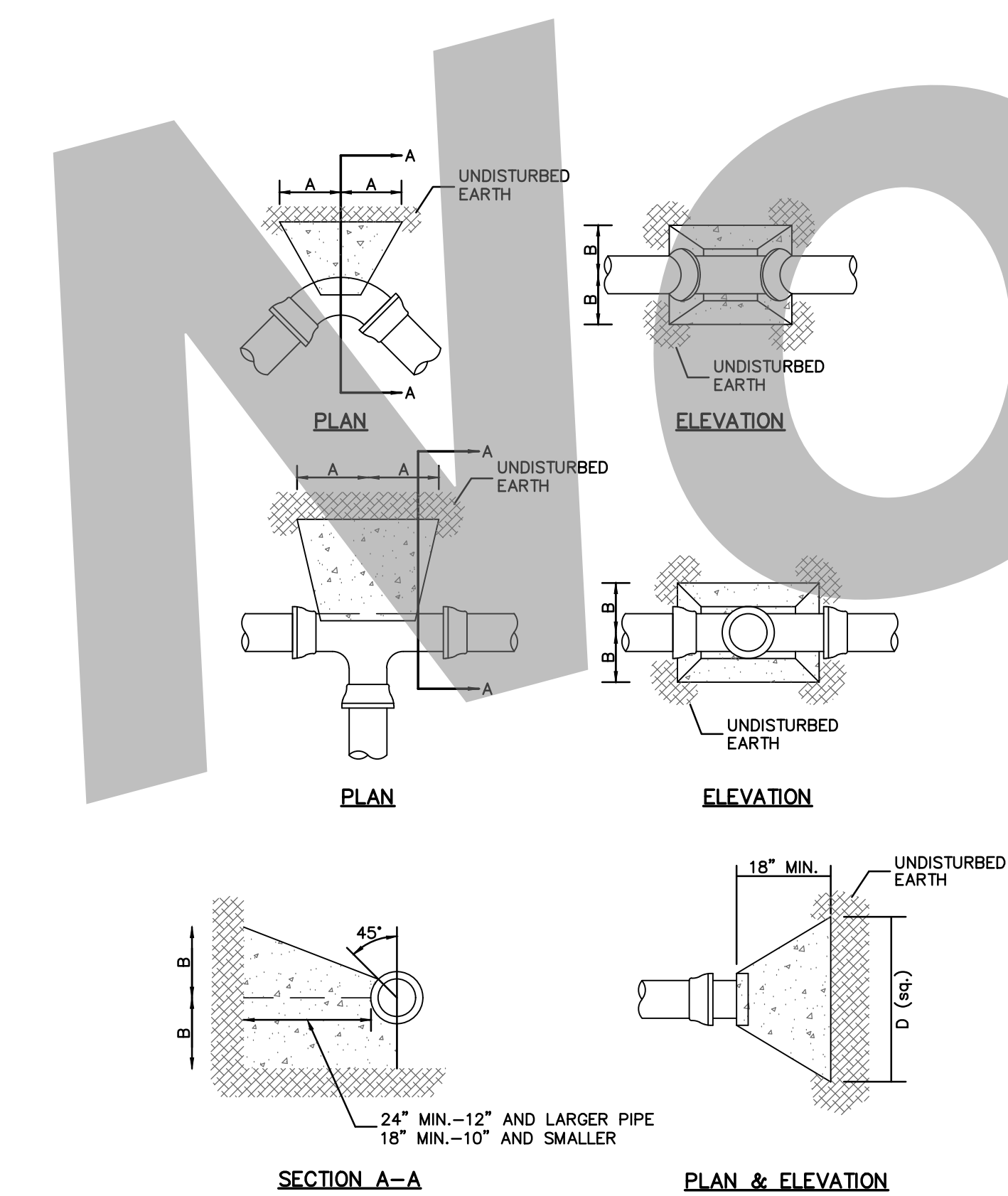
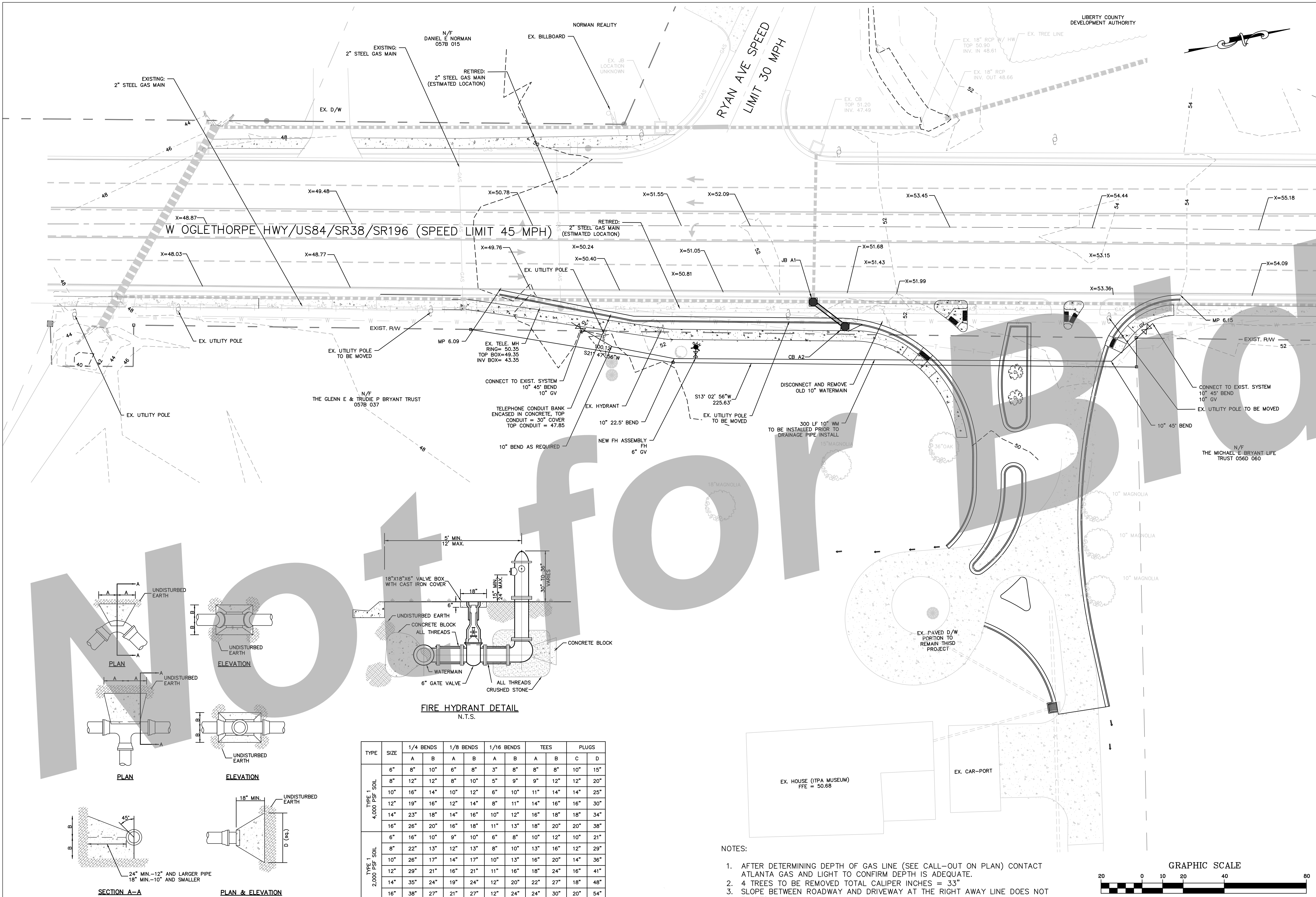
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SIMONTON ENGINEERING

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 HWY 84 East, SR 38, SR 196
 for
 The City of Hinesville
 Liberty County, Georgia

Site Plan

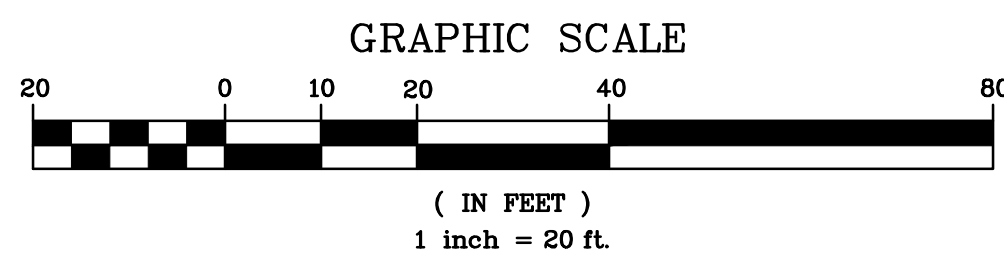
DATE: June 17, 2025
 FILE NO: 2024-91PRJ
 SHEET: C2.0



FIRE HYDRANT DETAIL
N.T.S.

| TYPE | SIZE | 1/4 BENDS | | 1/8 BENDS | | 1/16 BENDS | | TEES | | | PLUGS | |
|--------------------------|------|-----------|-----|-----------|-----|------------|-----|------|-----|-----|-------|--|
| | | A | B | A | B | A | B | A | B | C | D | |
| TYPE 1 4,000 PSF SOIL | 6" | 8" | 10" | 6" | 8" | 3" | 8" | 8" | 8" | 10" | 15" | |
| | 8" | 12" | 12" | 8" | 10" | 5" | 9" | 9" | 12" | 12" | 20" | |
| | 10" | 16" | 14" | 10" | 12" | 6" | 10" | 11" | 14" | 14" | 25" | |
| | 12" | 19" | 16" | 12" | 14" | 8" | 11" | 14" | 16" | 16" | 30" | |
| | 14" | 23" | 18" | 14" | 16" | 10" | 12" | 16" | 18" | 18" | 34" | |
| TYPE 1 2,000 PSF SOIL | 6" | 16" | 10" | 9" | 10" | 6" | 8" | 10" | 12" | 10" | 21" | |
| | 8" | 22" | 13" | 12" | 13" | 8" | 10" | 13" | 16" | 12" | 29" | |
| | 10" | 26" | 17" | 14" | 17" | 10" | 13" | 16" | 20" | 14" | 36" | |
| | 12" | 29" | 21" | 16" | 21" | 11" | 16" | 18" | 24" | 16" | 41" | |
| | 14" | 35" | 24" | 19" | 24" | 12" | 20" | 22" | 27" | 18" | 48" | |
| 16" | 38" | 27" | 21" | 27" | 12" | 24" | 24" | 30" | 20" | 54" | | |

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 - SLOPE BETWEEN ROADWAY AND DRIVEWAY AT THE RIGHT AWAY LINE DOES NOT EXCEED 6.25%
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 - ACCESS PERMIT BEGINS AT MILE POST 6.09 AND ENDS AT 6.15 ON SR38



LIBERTY COUNTY DEVELOPMENT AUTHORITY

RYAN AVE SPEED LIMIT 30 MPH

W OGLETHORPE HWY/US84/SR38/SR196 (SPEED LIMIT 45 MPH)

REVISION: DECEL LANE CHANGED AND GDOT RECOMMENDATIONS APPLIED (10-08-25)

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Level: Certification No. 935
Expiration Date: 10-05-26

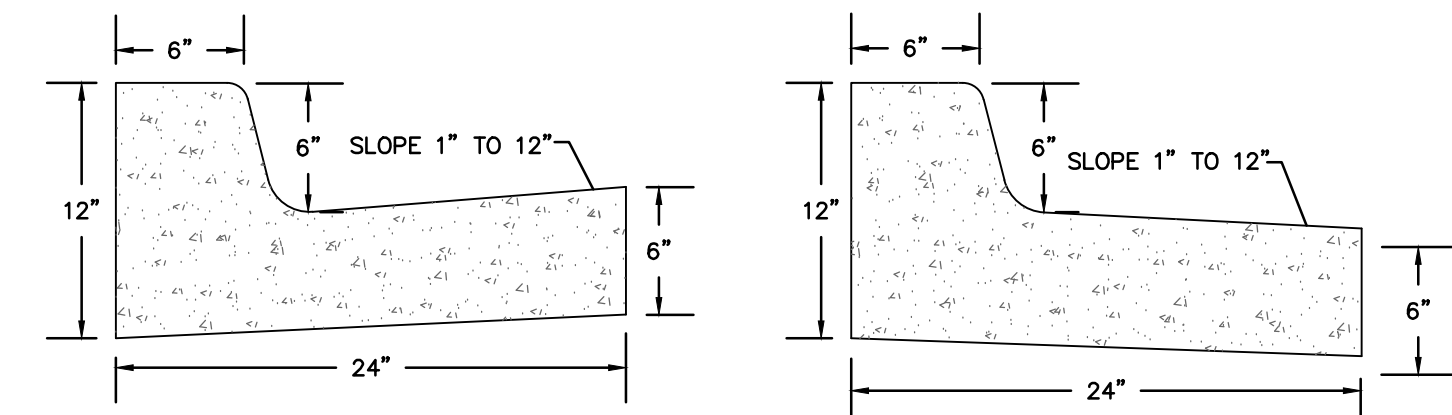
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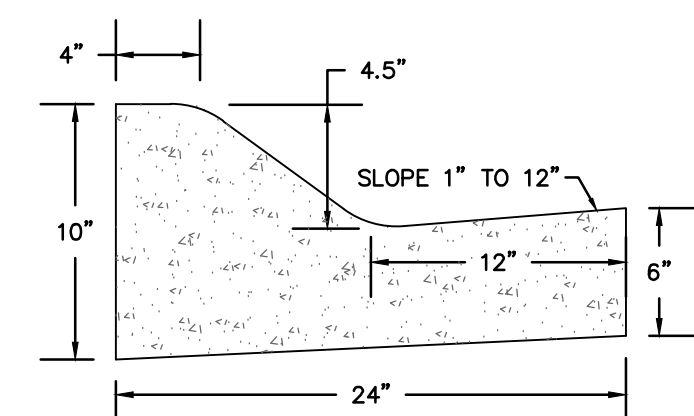
Utility Plan
DATE: June 17, 2025
FILE NO: 2024-91PRJ
SHEET: C2.1

Not for

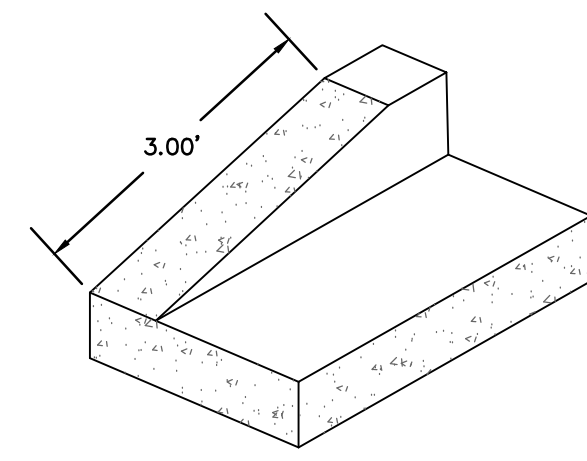


STANDARD TYPE CURB & GUTTER
N.T.S.

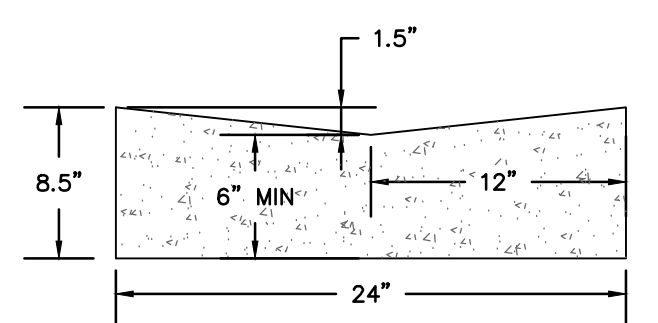
SPILL-OUT TYPE CURB & GUTTER
N.T.S.



ROLLED TYPE CURB & GUTTER
N.T.S.

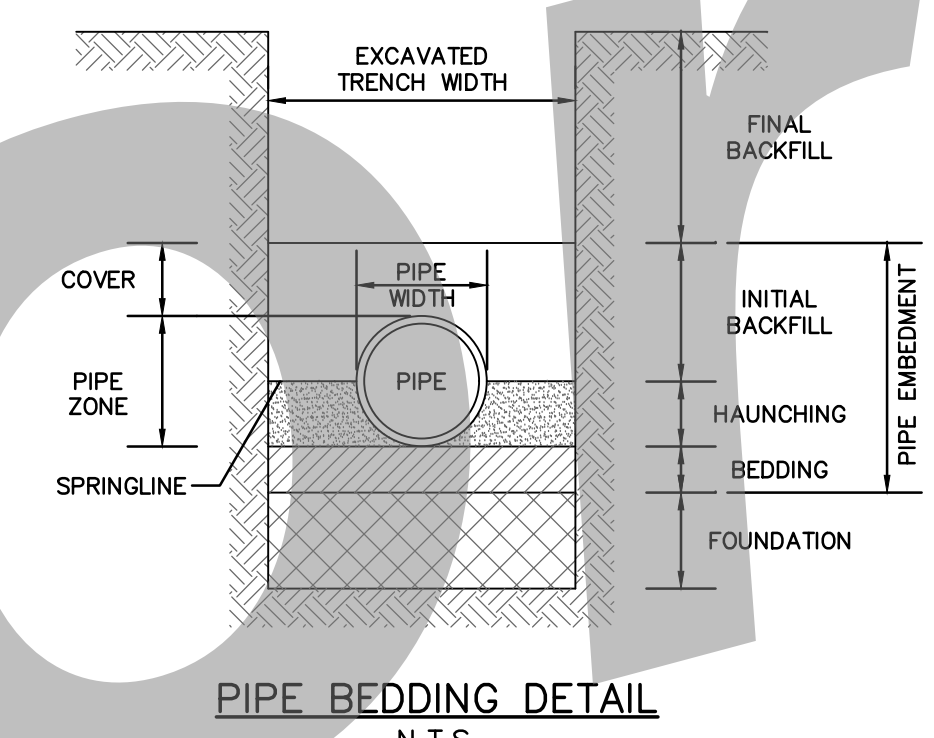


CURB TERMINATION DETAIL
N.T.S.

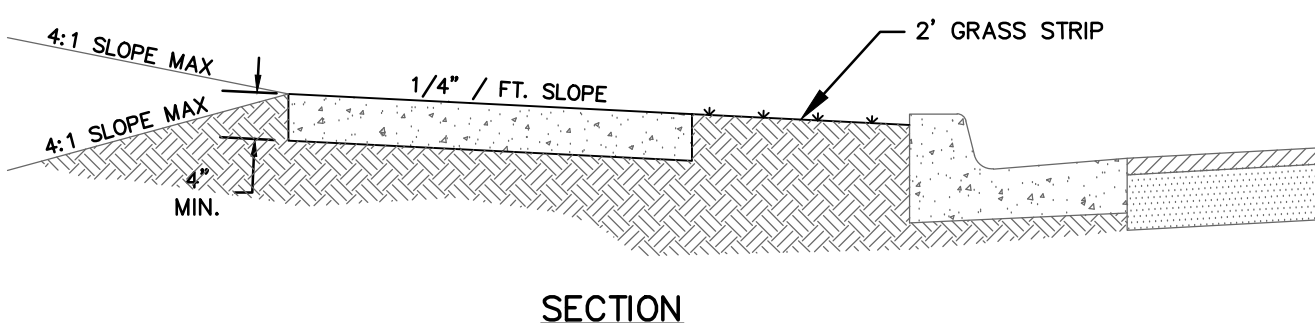


VALLEY TYPE CURB & GUTTER
N.T.S.

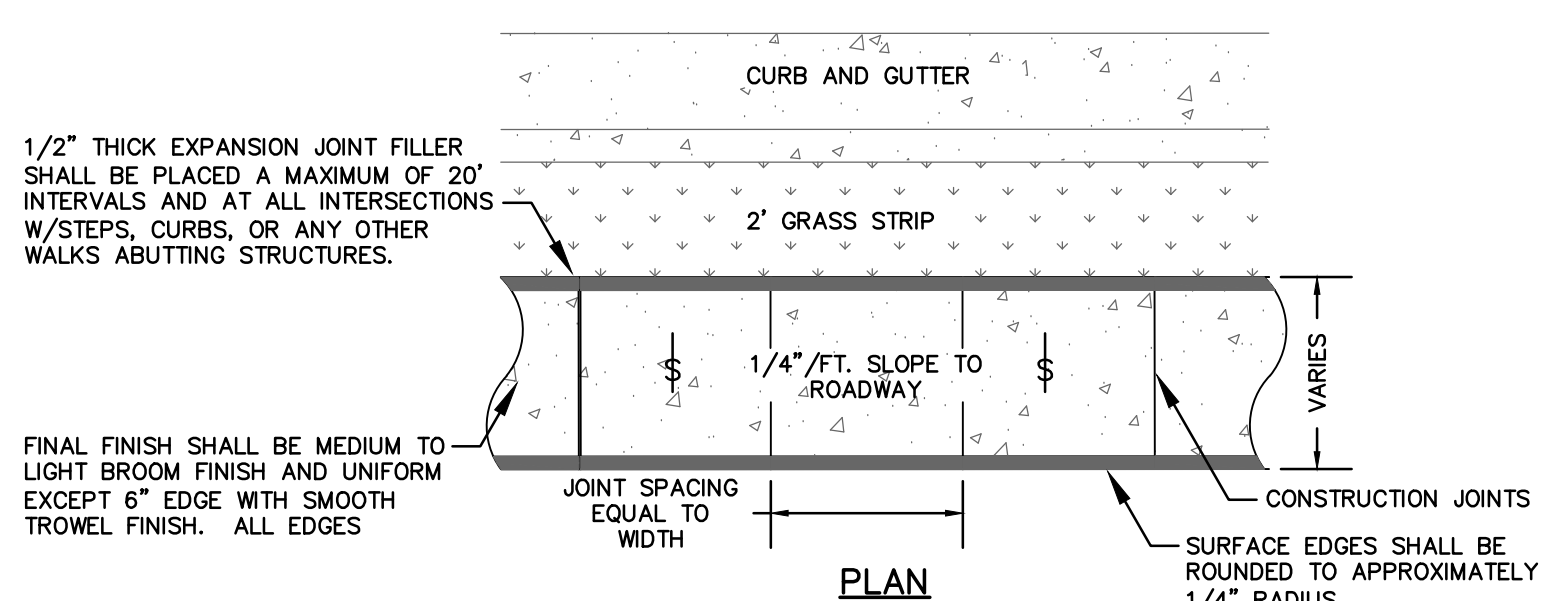
OFF GDOT R/W CURB & GUTTER DETAIL
N.T.S.



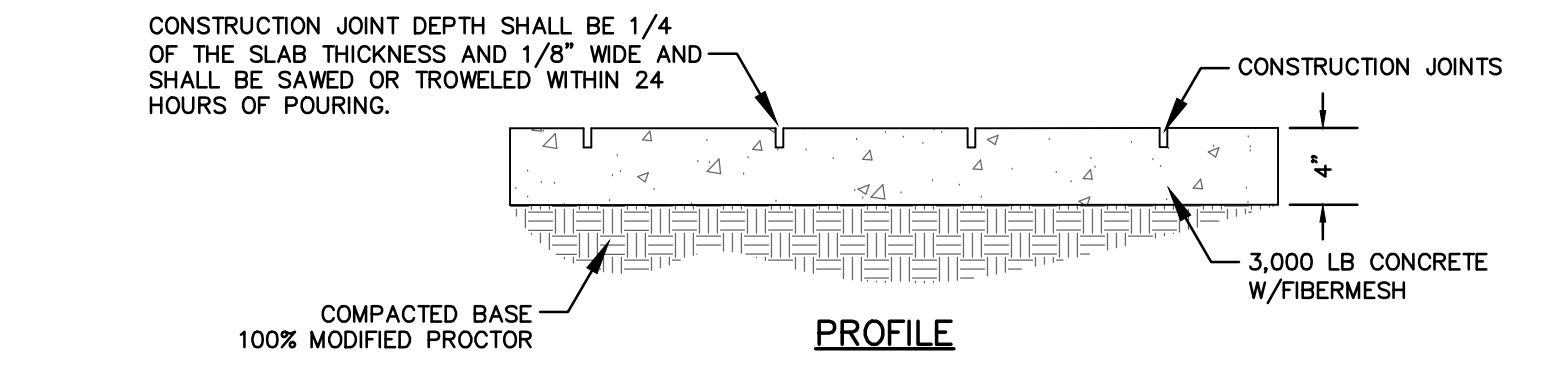
PIPE BEDDING DETAIL
N.T.S.



SECTION



PLAN



PROFILE

TYPICAL SIDEWALK DETAIL
N.T.S.

(COORDINATE WITH FINAL LANDSCAPING PLAN)

Ds3 SPECIES AND PLANTING SCHEDULE

| SPECIES | BROADCAST RATES 1/ - PLS 2/ PER ACRE 1000 S.F. | | RESOURCE AREA 3/ | PLANTING DATES BY RESOURCE AREA * | | | | | | | | | | | | SPECIFICATIONS | |
|---|--|------------|------------------|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|----------------|--|
| | 1/ | 2/ | | J | F | M | A | M | J | J | A | S | O | N | D | | |
| BERMUDA COMMON (CYNODON DACTYLON) ROLLED SEED ALONE WITH OTHER PERENNIALS | 10 LBS. | 0.2 LB. | P | | | | | | | | | | | | | | 1,787,000 SEED PER POUND. QUICK COVER. LOW GROWING AND SOFT FORMING. FULL SUN. GOOD FOR ATHLETIC FIELDS. |
| BERMUDA COMMON (CYNODON DACTYLON) UNROLLED SEED WITH TEMPORARY COVER WITH OTHER PERENNIALS | 10 LBS. | 0.2 LB. | P | | | | | | | | | | | | | | PLANT WITH WINTER ANNUALS. PLANT WITH TALL FESCUE. |
| BERMUDA SPRIGS (CYNODON DACTYLON) COASTAL COMMON, MIDLAND, OR TIFT 44 COASTAL, COMMON, OR TIFT 44 | 40 CU. FT. | 0.9 CU.FT. | P | | | | | | | | | | | | | | A CUBIC FT. CONTAINS APPROXIMATELY 600 SPRIGS. A BUNDLE CONTAINS 1.25 CF. OR APPROXIMATELY 800 SPRIGS. |
| CENTPEDE (EREMOCHLOA OPHUROIDES) | BLOCK SOOD ONLY | | P | | | | | | | | | | | | | | DROUGHT TOLERANT. FULL SUN OR PARTIAL SHADE. EFFECTIVE ADJACENT TO CONCRETE AND IN CONCENTRATED FLOW AREAS. IRRIGATION IS NEEDED UNTIL FULLY EST. DO NOT PLANT NEAR PARTIQUES, WINTERHARDY AS FAR NORTH AS ATHENS AND ATLANTA. |
| FESCUE, TALL (CYNODON DACTYLON) ALONE WITH OTHER PERENNIALS | 50 LBS. | 1.1 LB. | P | | | | | | | | | | | | | | 227,000 SEED PER POUND USE ALONE ONLY ON BETTER SITES. NOT FOR DROUGHTY SOILS. MIX WITH PERENNIAL LESPEDEZAS OR CROWN-VETCH. APPLY TOPDRESSING IN SPRING FOLLOWING FALL PLANTING. NOT FOR HEAVY USE AREAS OR ATHLETIC FIELDS. |

(1) BROADCAST RATES ARE IN PURE LIVE SEED (PLS)
 (2) M-L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
 P REPRESENTS THE SOUTHERN FLORENTINE MLRA
 C REPRESENTS SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRA'S
 (3) DARK LINES INDICATE OPTIMUM DATES, GRAY LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

FERTILIZER AND LIME REQUIREMENTS FOR PERMANENT VEGETATION (Ds3)

| TYPES OF SPECIES | PLANTING YEAR | FERTILIZER (N-P-K) | RATE (LBS./ACRE) | N TOP DRESSING RATE (LBS./ACRE) | LIME APPLICATION (TONS/ACRE) |
|---------------------------------|--------------------|--------------------|------------------|---------------------------------|------------------------------|
| Cool Season Grasses | First | 6-12-12 | 1500 | 50-100 | 1 |
| | Second Maintenance | 6-12-12 | 400 | 30 | |
| Cool Season Grasses and Legumes | First | 6-12-12 | 1500 | 0-50 | 1 |
| | Second Maintenance | 0-10-10 | 400 | - | |
| Warm Season Grasses | First | 6-12-12 | 1500 | 50-100 | 1 |
| | Second Maintenance | 6-12-12 | 400 | 30 | |
| Warm Season Grasses and Legumes | First | 6-12-12 | 1500 | 0-50 | 1 |
| | Second Maintenance | 0-10-10 | 400 | - | |

Ds3 MULCH NOTES:

MULCH IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% TO 100% SOIL COVER.
 1. DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED AND SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. DRY HAY SHALL BE APPLIED AT A RATE OF 2 1/2 TONS PER ACRE.
 2. PINE STRAW OR PINE BARK SHALL BE APPLIED AT A THICKNESS OF 3 INCHES FOR BEDDING PURPOSES. OTHER SUITABLE MATERIALS IN SUFFICIENT QUANTITY MAY BE USED WHERE ORNAMENTALS OR OTHER GROUND COVERS ARE PLANTED. THIS IS NOT APPROPRIATE FOR SEEDED AREAS.

Ds3 DISTURBED AREA STABILIZATION (WITH PERM SEEDING)

Dust Control on Disturbed Areas



DEFINITION
Controlling surface and air movement of dust on construction sites, roads, and demolition sites.

PURPOSE
 •To prevent surface and air movement of dust from exposed soil surfaces.
 •To reduce the presence of airborne substances that may be harmful or injurious to human health, welfare, or safety, or to animals or plant life.

CONDITIONS
This practice is applicable to areas subject to surface and air movement of dust where on and off-site damage may occur without treatment.

METHOD AND MATERIALS
A. Temporary Methods
 Mulches. See standard Ds1 - Disturbed Area Stabilization (With Mulching Only). Synthetic resins may be used instead of asphalt to bind mulch material. Refer to specification Tac - Tackifiers. Resins should be used according to manufacturer's recommendations.

Vegetative Cover. See specification Ds2 - Disturbed Area Stabilization (With Temporary Seeding).

Spray-on Adhesives. These are used on mineral soils (not effective on muck soils). Keep traffic off these areas. Refer to specification Tac - Tackifiers.

Tillage. This practice is designed to roughen and bring clods to the surface. It is an emergency

measure that should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment that may produce the desired effect.

Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet. Repeat as needed.

Barriers. Solid board fences, snowfences, burlap fences, crate walls, bales of hay and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 15 times their height are effective in controlling wind erosion.

Calcium Chloride. Apply at rate that will keep surface moist. May need retreatment.

B. Permanent Methods
 Permanent Vegetation. See specification Ds3 -Disturbed Area Stabilization (With Permanent Vegetation). Existing trees and large shrubs may afford valuable protection if left in place.

Topsailing. This entails covering the surface with less erosive soil material. See specification Tp - Topsailing.

Stone. Cover surface with crushed stone or coarse gravel. See specification Cr-Construction Road Stabilization.

REVISIONS:
 CHANGES MADE (10-08-25)



Level II Certification No. 935
 Expiration Date: 10-01-23

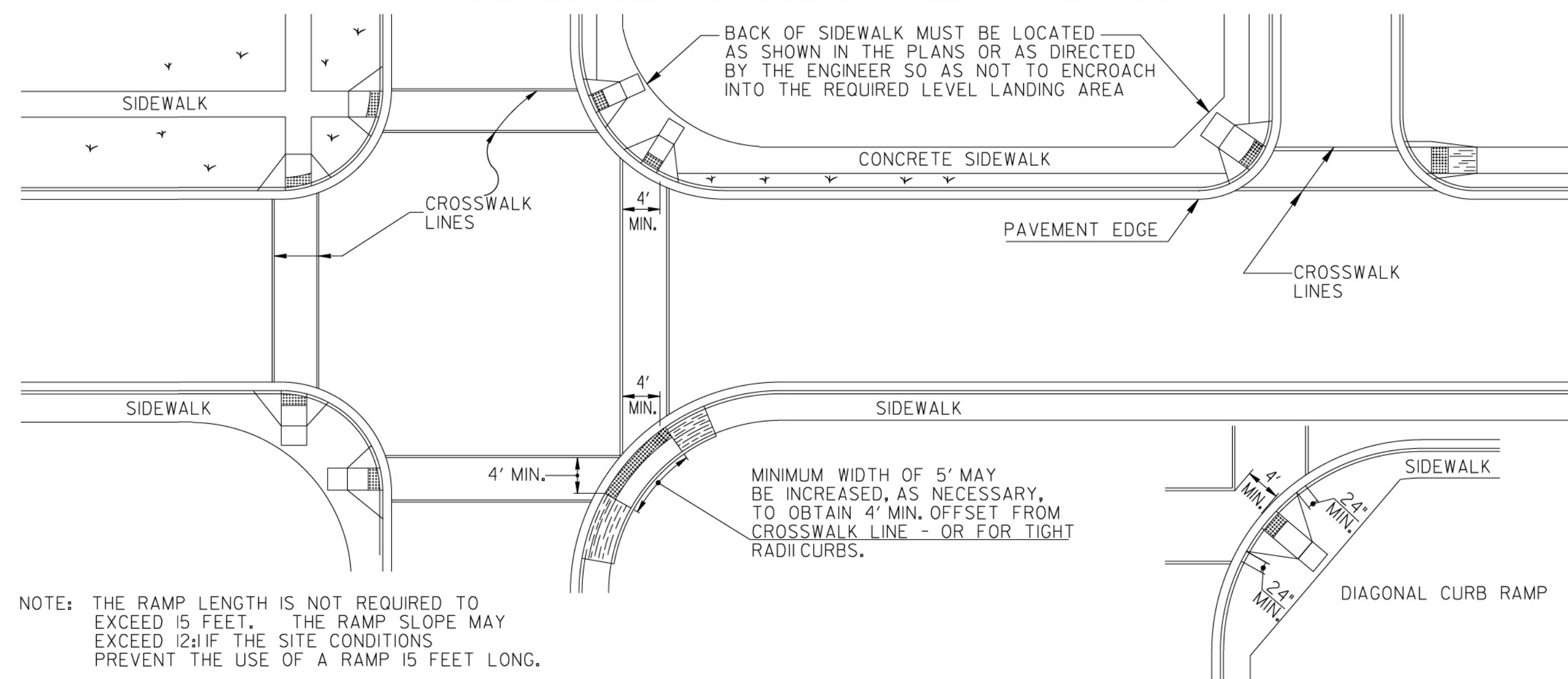
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Details
 DATE: June 17, 2025
 FILE NO: 2024-91PRJ
 SHEET: C-50

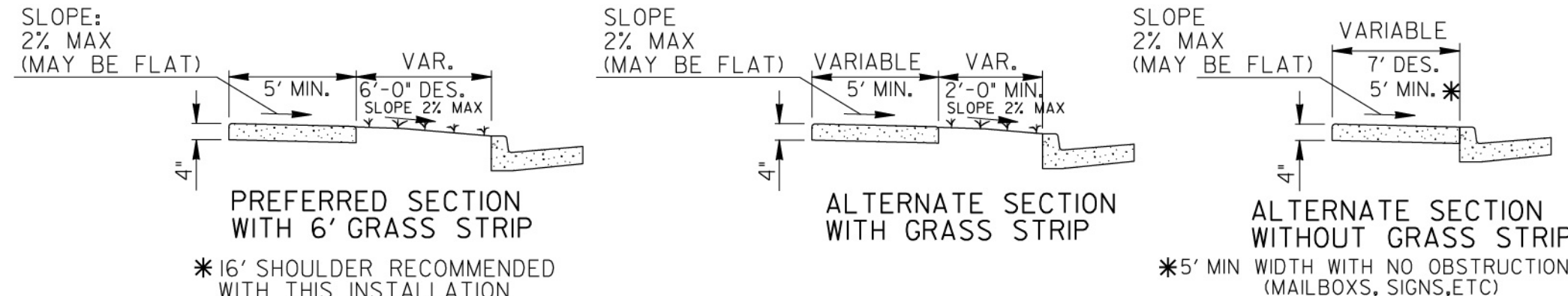
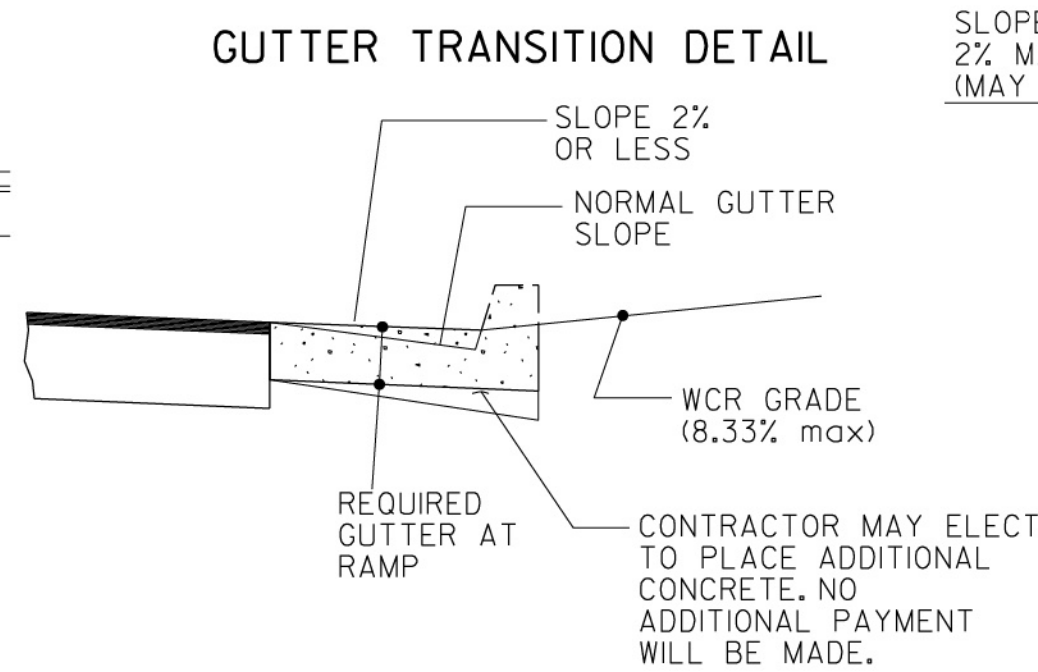
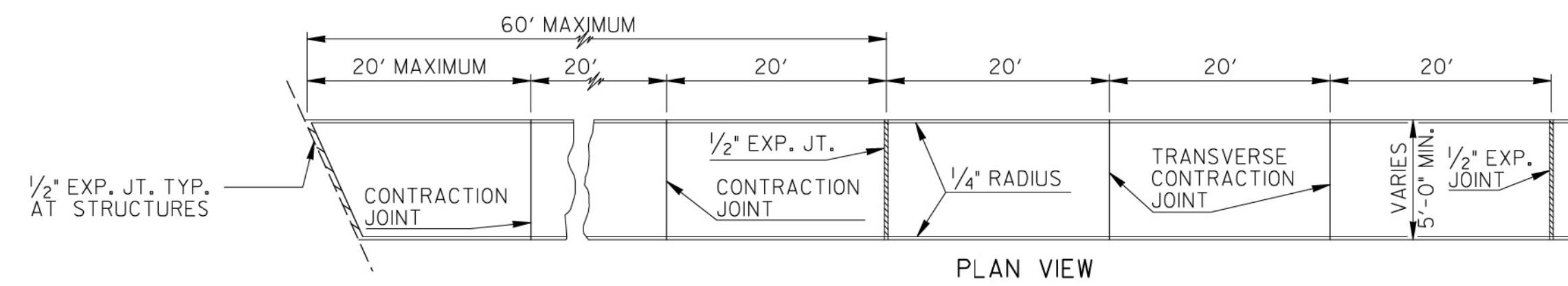
TYPICAL LOCATIONS FOR CURB CUT RAMPS - PLAN VIEW



NOTE: THE RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. THE RAMP SLOPE MAY EXCEED 12:1 IF THE SITE CONDITIONS PREVENT THE USE OF A RAMP 15 FEET LONG.

CONCRETE SIDEWALK DETAILS

| | | | |
|-------|----------------|-----------|--------------|
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
| GA. | | | |



NOTES FOR CONCRETE SIDEWALK:

- CONCRETE TO BE PLACED 4" THICK AND FINISHED WITH TAMPS, WOOD FLOATS AND STIFF-BRISTLE BROOMS.
- TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AT 20 FT. INTERVALS. ALL EDGES TO BE ROUNDED TO 1/4" RADIUS.
- 1/2" EXPANSION JOINTS SHALL BE PLACED, WHERE SIDEWALK TIE INTO A STRUCTURE OR TERMINATE AT CURB, RAMPS OR DRIVEWAYS AND AT 60' INTERVALS.

NOTES FOR CURB CUT RAMPS:

- CURB CUT RAMPS WILL BE LOCATED AS FOLLOWS UNLESS PLANS OR CONTRACT SPECIFY OTHERWISE.
 - AT ALL PEDESTRIAN CROSSWALKS WHERE CURB IS CONSTRUCTED OR REPLACED.
 - WHERE THE SIDEWALK, CONCRETE OR UNPAVED, IS INTERRUPTED BY THE CURB AT TURNOUTS OR AT INTERSECTIONS.
 - AT OTHER LOCATIONS SUCH AS HOSPITALS, NURSING HOMES, REST AREAS, ETC., WHERE THE CURB WOULD OTHERWISE BE AN OBSTRUCTION TO THE PHYSICALLY DISABLED.
- RAMPS WILL BE CONSTRUCTED FROM CONCRETE. SPECIFICATIONS FOR RAMPS WILL BE THE SAME AS FOR CONCRETE SIDEWALK. RAMPS SHALL HAVE EITHER A ROUGH OR A TEXTURED FINISH.
- DROP INLETS ARE NOT TO BE LOCATED DIRECTLY IN FRONT OF RAMPS. CATCH BASINS SHOULD BE LOCATED AT LEAST 10 FT. FROM RAMPS WHEN FEASIBLE.
- WHERE RAMPS ARE LOCATED IN RADII, THE DIMENSIONS SHOWN FOR RAMP WIDTHS AND TAPERS ARE MEASURED PERPENDICULAR TO THE RAMP AND NOT ALONG THE CURVE.
- WHERE UTILITY STRUCTURES CONFLICT, WHERE SIDEWALK GEOMETRY VARIES, AT SKEWED INTERSECTIONS, OR IN OTHER SPECIAL CASES, THE RAMP DESIGN MAY BE MODIFIED BY THE DESIGNER OR ENGINEER, PROVIDED THAT THE WIDTH REMAINS A MINIMUM OF 48 INCHES, AND NO SLOPE ON THE ACCESSIBLE PART OF THE RAMP IS STEEPER THAN 12:1.
- 10 FT. OF CURB AND GUTTER WILL INCLUDE THE TRANSITIONED CURB IN FRONT OF RAMPS, SO, YDS. OF CONCRETE SIDEWALK AND CONCRETE MEDIAN PAVING WILL INCLUDE RAMPS. NO ADDITIONAL PAYMENT WILL BE MADE FOR CURB RAMPS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SAWING AND REMOVING EXISTING SIDEWALK OR CURB WHERE NECESSARY FOR RAMP CONSTRUCTION.
- WHEN A CURB RAMP IS PLACED ON EXISTING PAVEMENT, THE PAVEMENT SHALL BE REMOVED TO PROVIDE A MINIMUM THICKNESS OF 3 INCHES OF CONCRETE AT ALL LOCATIONS. NO SEPARATE PAYMENT WILL BE MADE FOR REMOVAL OF THE PAVEMENT.
- DETECTABLE WARNING SURFACES ARE REQUIRED ON ALL INTERSECTIONS WITH PUBLIC STREETS, SIGNALIZED COMMERCIAL DRIVEWAYS, AND COMMERCIAL DRIVEWAYS WITH AN AADT OF 25 VPD.

This Detail Replaces Ga Standard 9031W

Guidelines For Usage On Metric Projects

When these details are incorporated into plans and or projects that are being prepared or constructed in metric units, exact or precise conversion to metric units is not required. The dimensions shown that are in feet and inches may be converted to corresponding metric units using the following "Rounded-Off" conversion factors: 1" = 25mm, 4" = 100mm, and 12" = 300mm. All measurement notes that refer to linear feet and square yards shall be interpreted to mean linear meters and square meters.

Type A

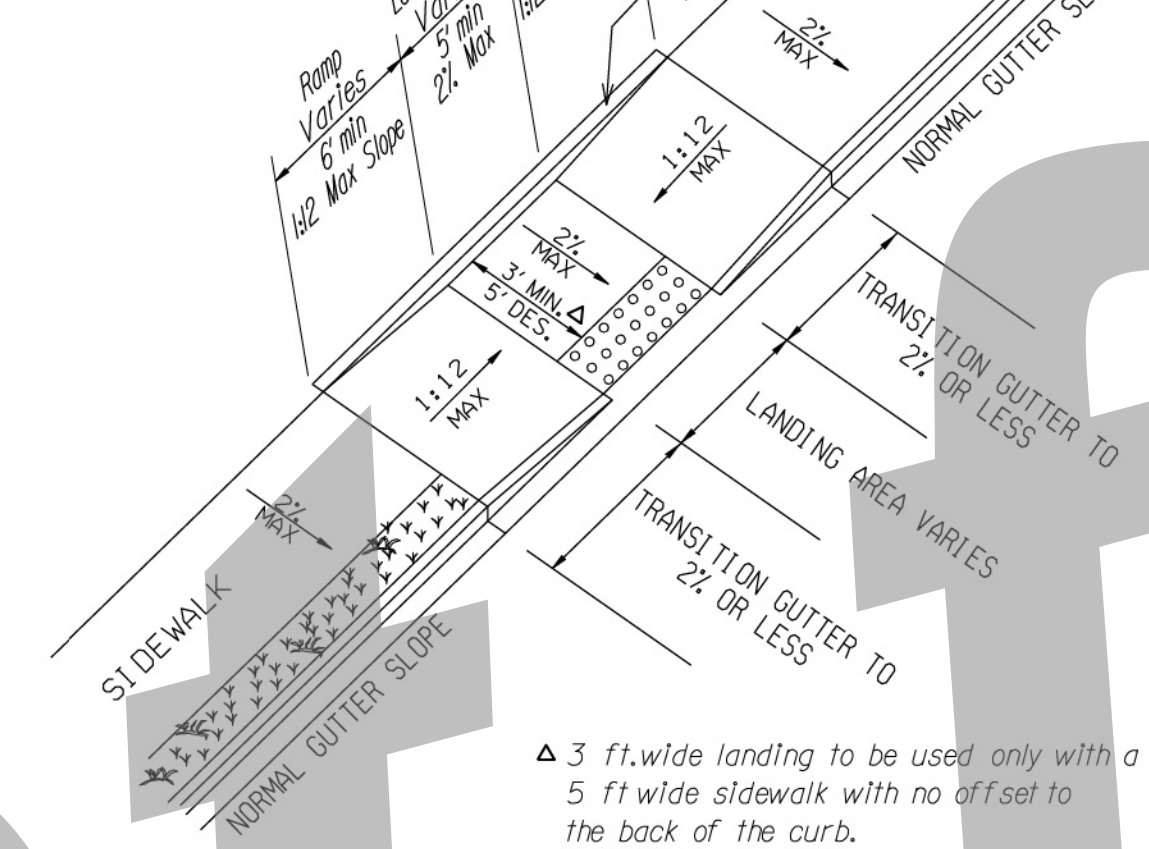
(Perpendicular)
(The Preferred Ramp)

Back of sidewalk shall be located as shown in the plans or as directed by the Engineer so as not to encroach into the required landing area.

| DIFFERENCE IN HEIGHT | LENGTH REQUIRED |
|----------------------|-----------------|
| 1 inch | 10 inches |
| 2 inches | 1'-8" |
| 3 inches | 2'-6" |
| 4 inches | 3'-4" |
| 5 inches | 4'-2" |
| 6 inches | 5 feet |

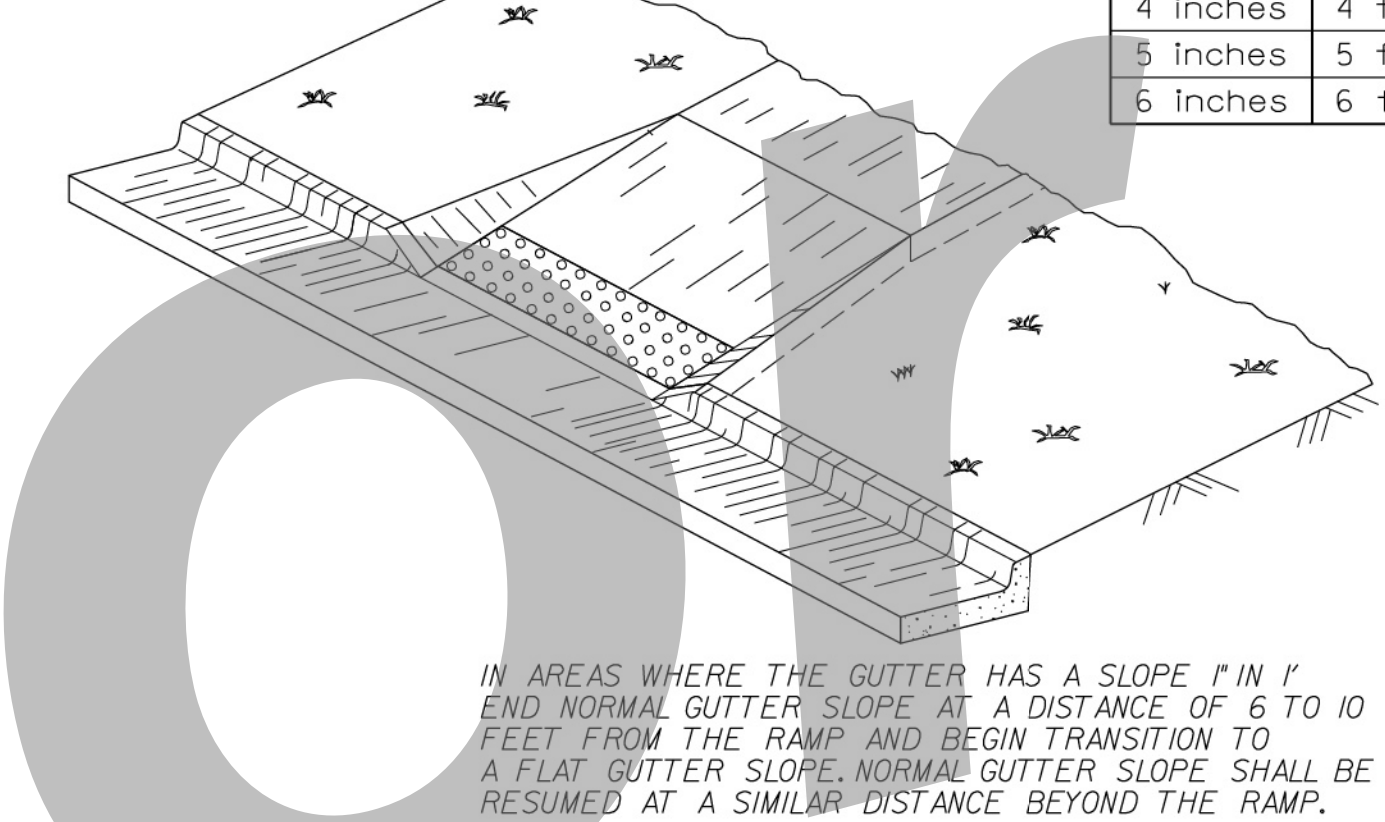
Type B

(Parallel)
(Normally used when space is not available for a landing at the top of a Type A Ramp)



Type D

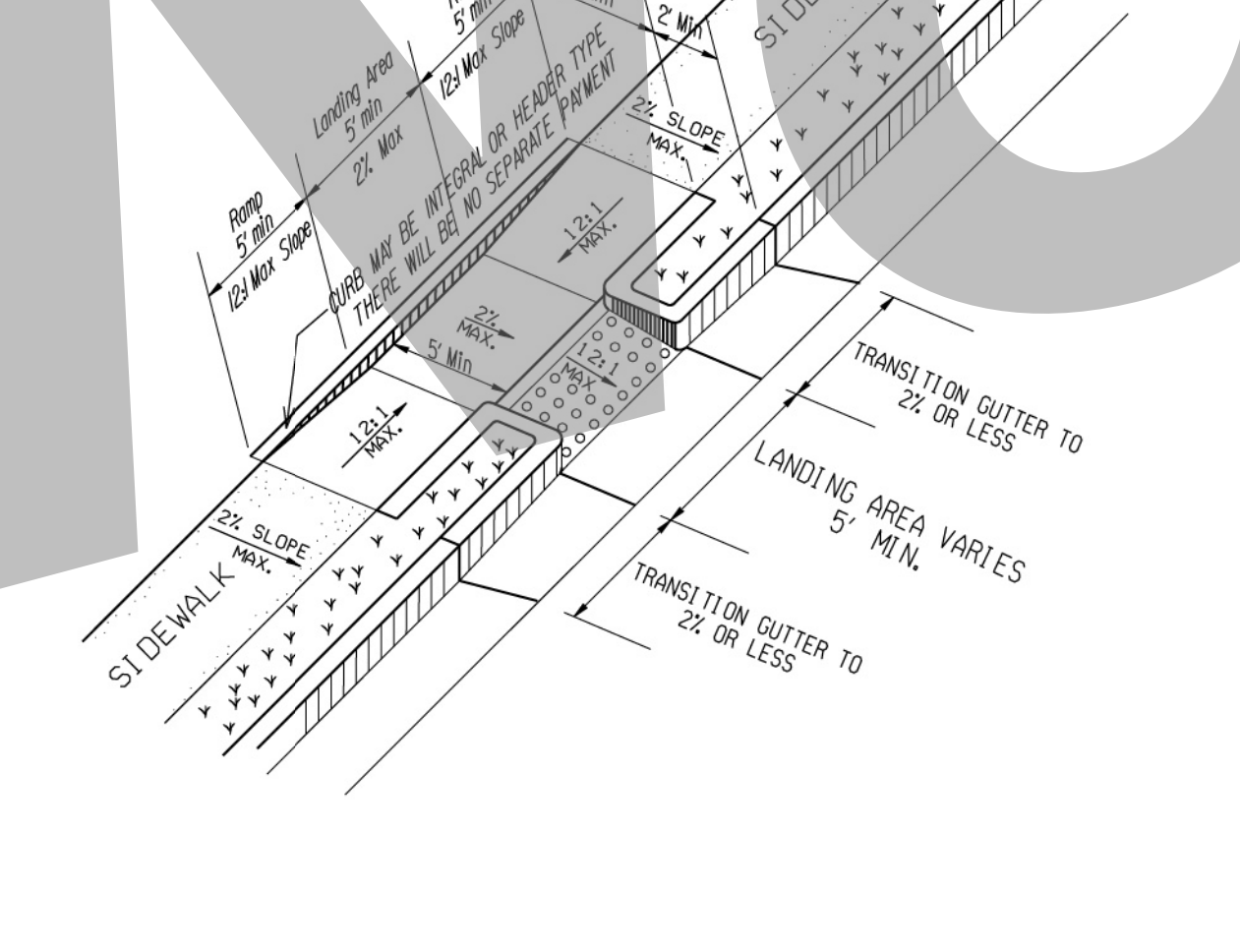
(Perpendicular)
(Normally used when the sidewalk ties directly into the crosswalk)



| DIFFERENCE IN HEIGHT | LENGTH REQUIRED |
|----------------------|-----------------|
| 1 inch | 1 foot |
| 2 inches | 2 feet |
| 3 inches | 3 feet |
| 4 inches | 4 feet |
| 5 inches | 5 feet |
| 6 inches | 6 feet |

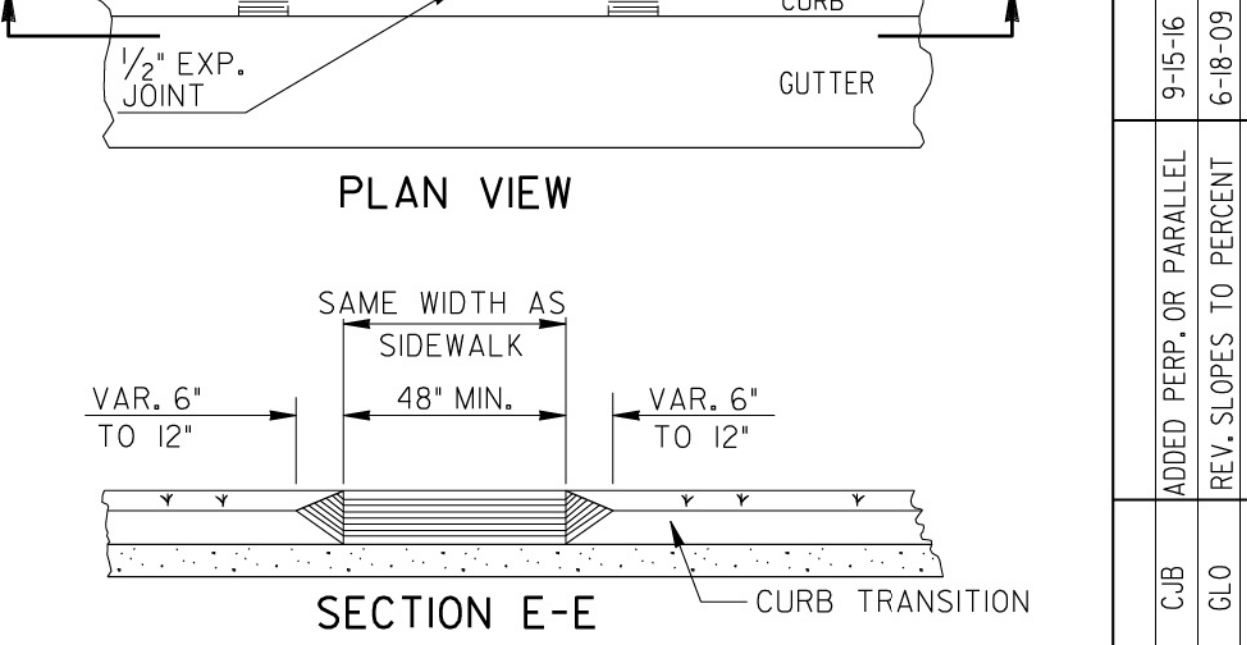
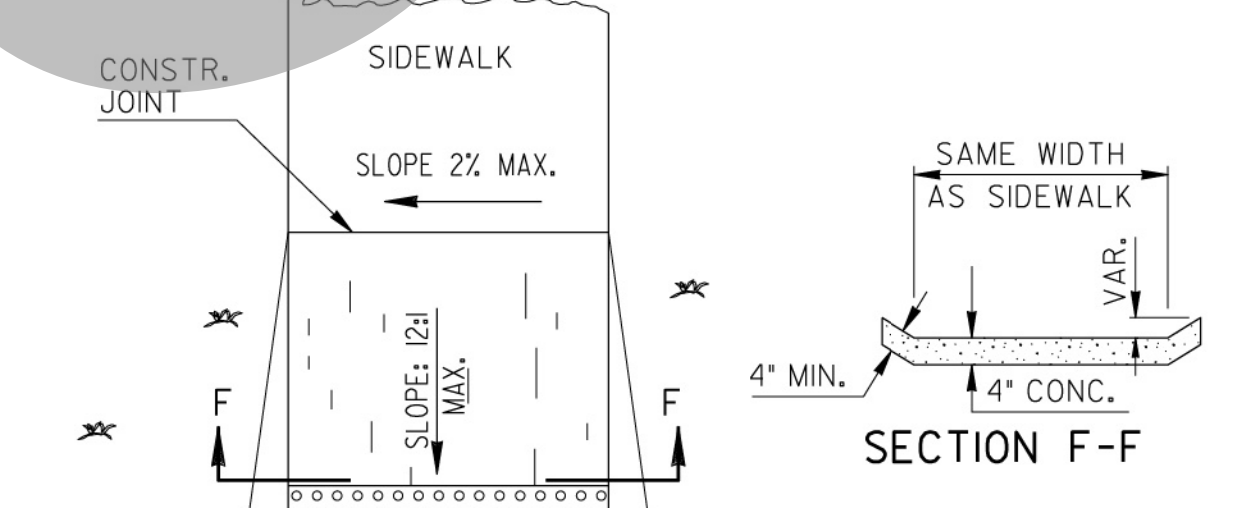
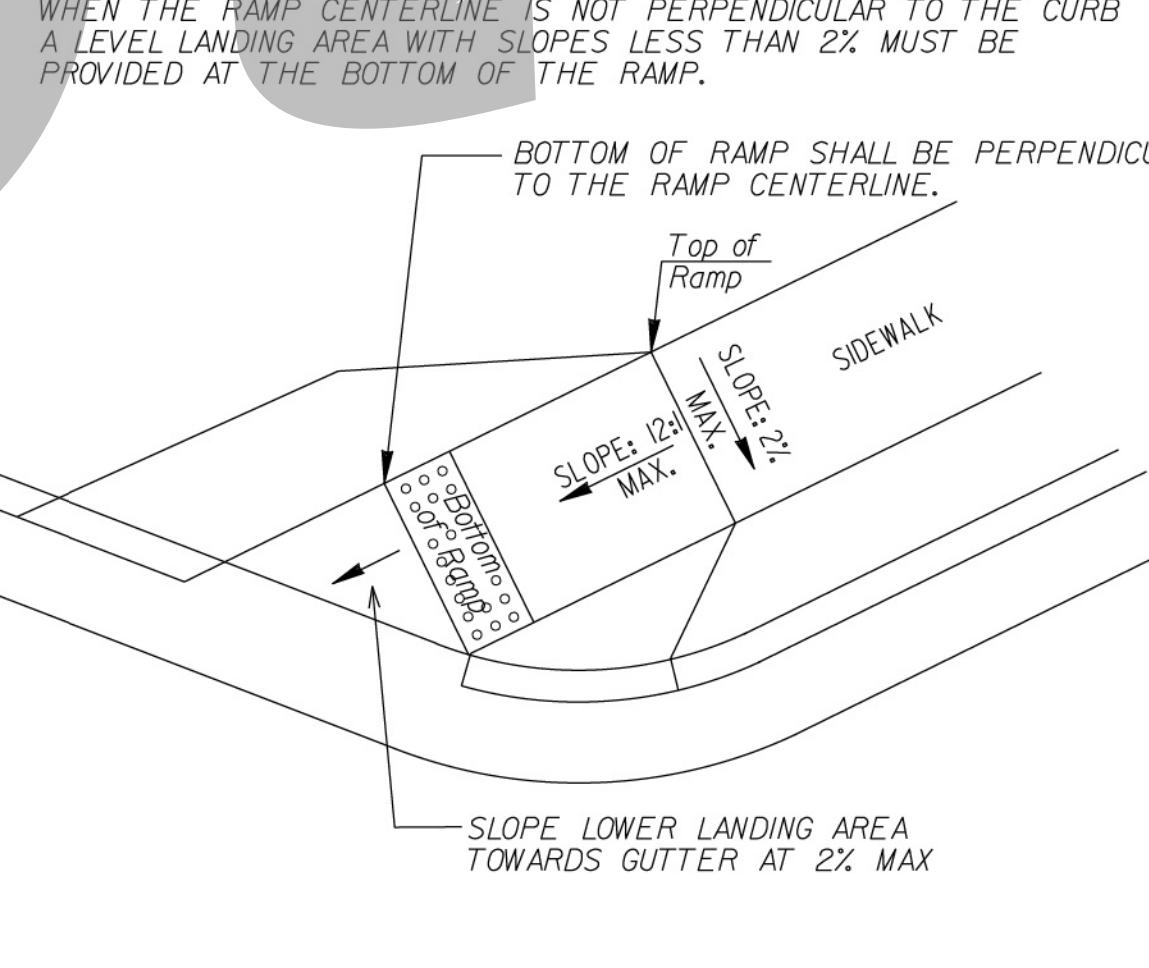
Type C

(Parallel)



Skewed Ramp Details

(Applies to Type A Type D Ramps Only)



| NO. | DATE | REVISION |
|------------------------|---------|---|
| 9-15-16 | | ADDED PERP. OR PARALLEL |
| 6-18-09 | | REV. SLOPES TO PERCENT AND ADDED 12:1 & 10:1 CHART. |
| ADDED GEN. NOTE NO. 8. | | |
| REV. TRUNCATED DOMES | 5-10-06 | |
| REVISED | 2-21-03 | |
| REVISED | 2-10-03 | |
| REVISED | 7-29-02 | |
| REVISED | 5-29-02 | |
| REVISED | 5-23-02 | |
| REVISED | 5-13-02 | |
| REVISED | 4-29-02 | |
| REVISED | 4-11-02 | |
| REVISED | 4-3-02 | |
| REVISED | 3-28-02 | |

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

SPECIAL DETAIL
CONCRETE SIDEWALK DETAILS
CURB CUT (WHEELCHAIR) RAMPS

NO SCALE MARCH 12, 2002

NUMBER
A3



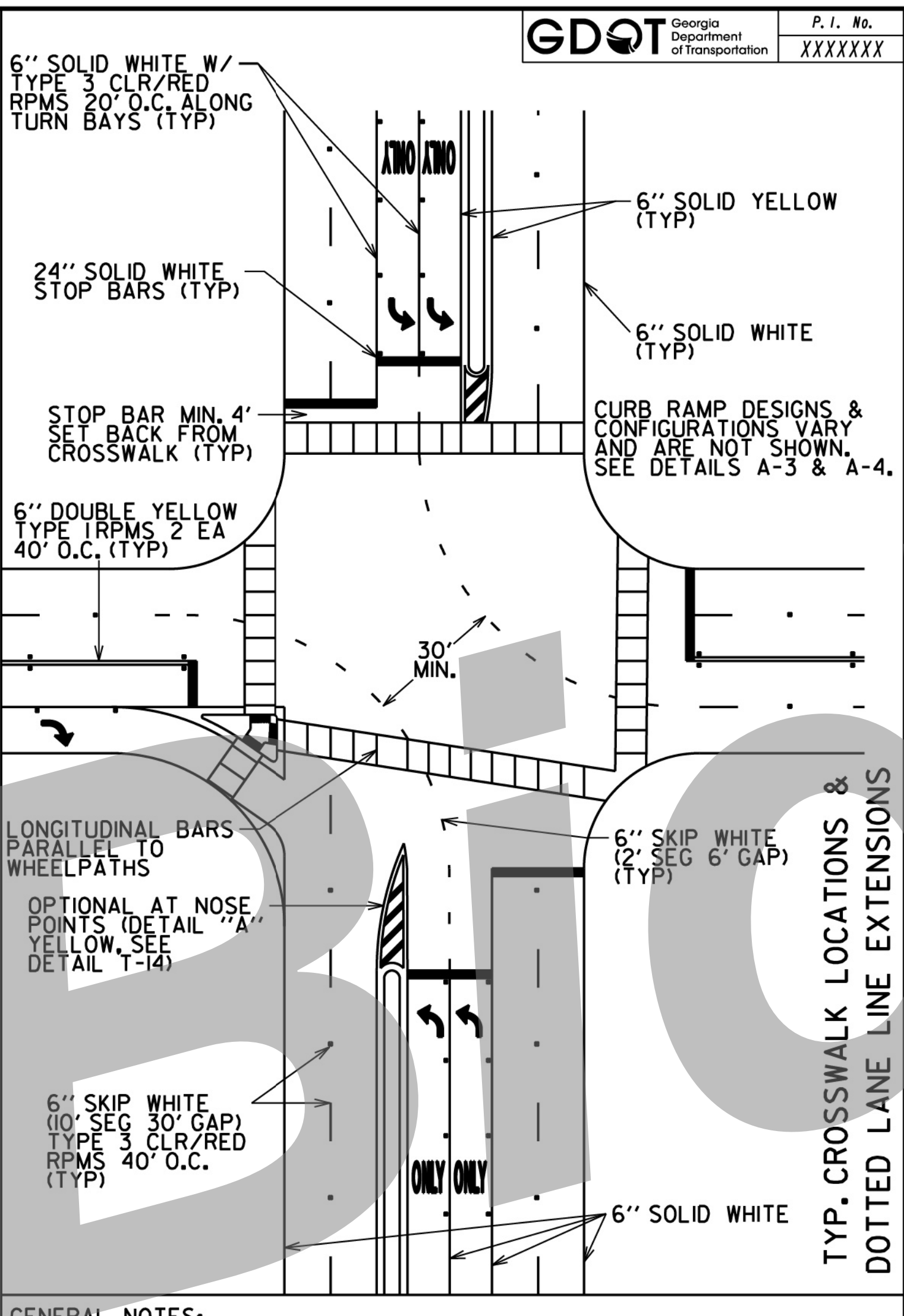
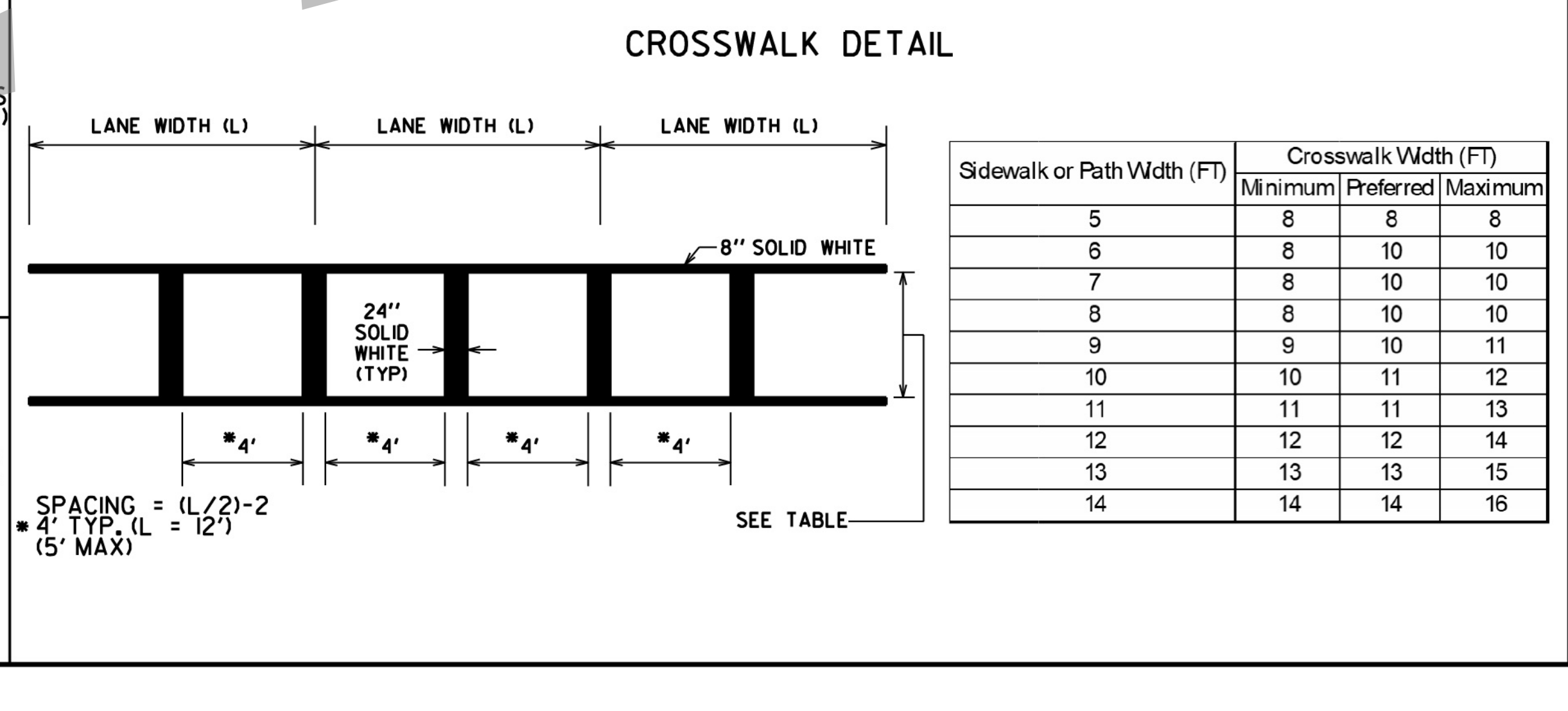
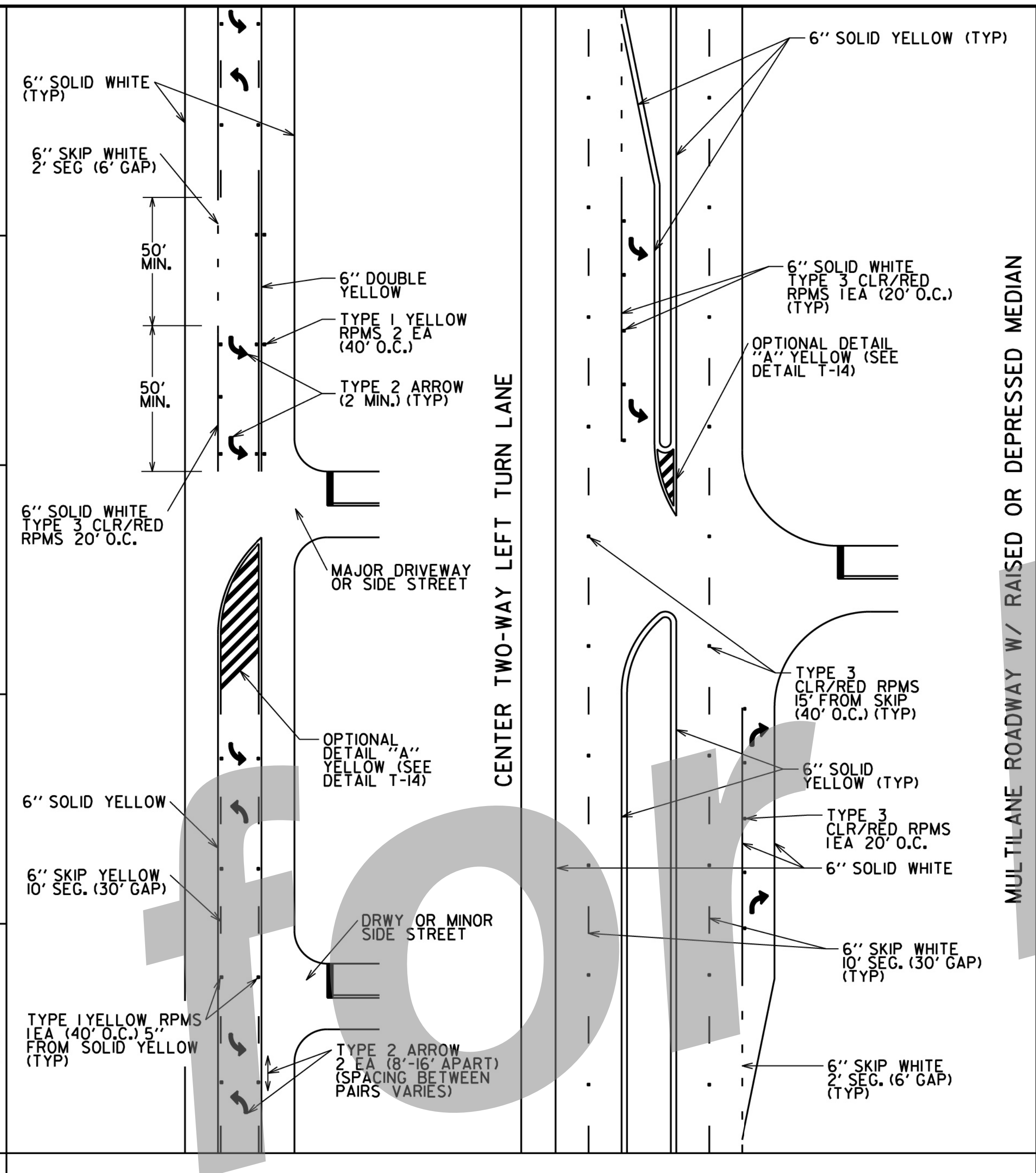
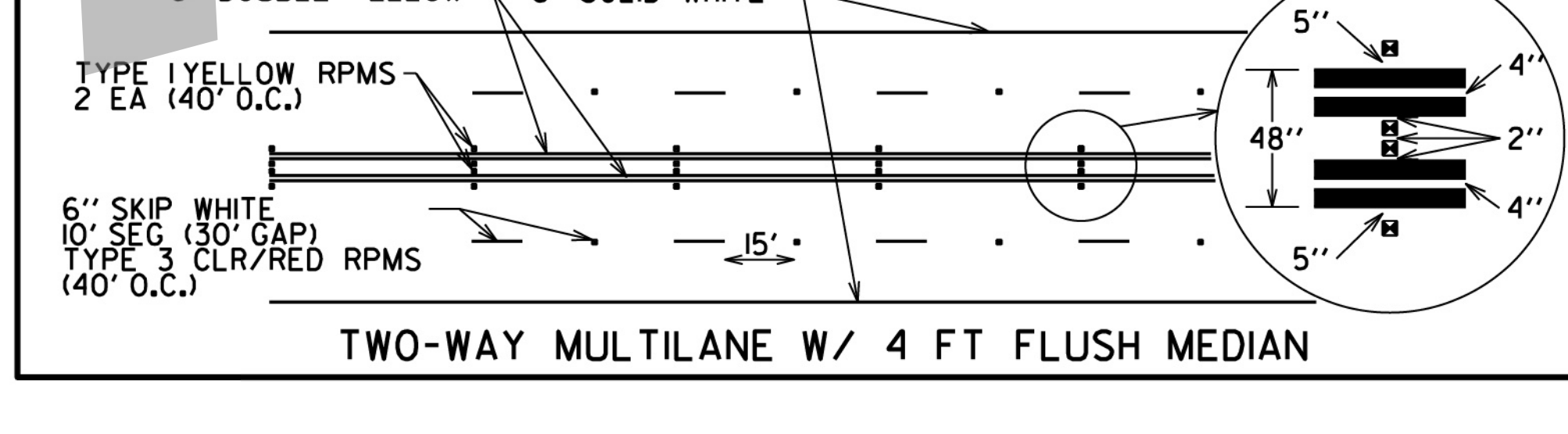
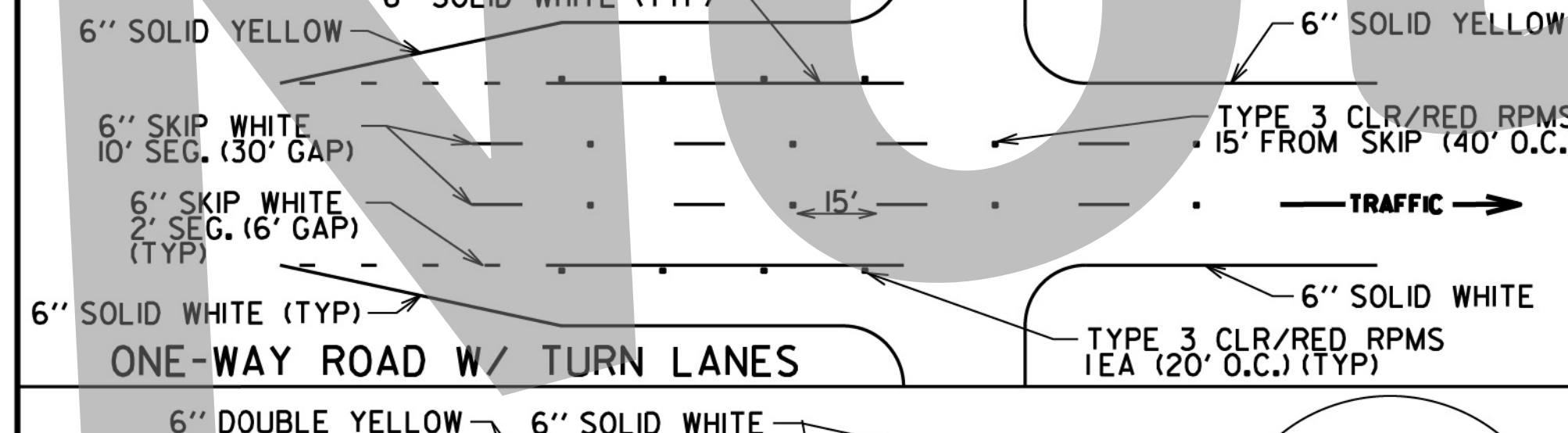
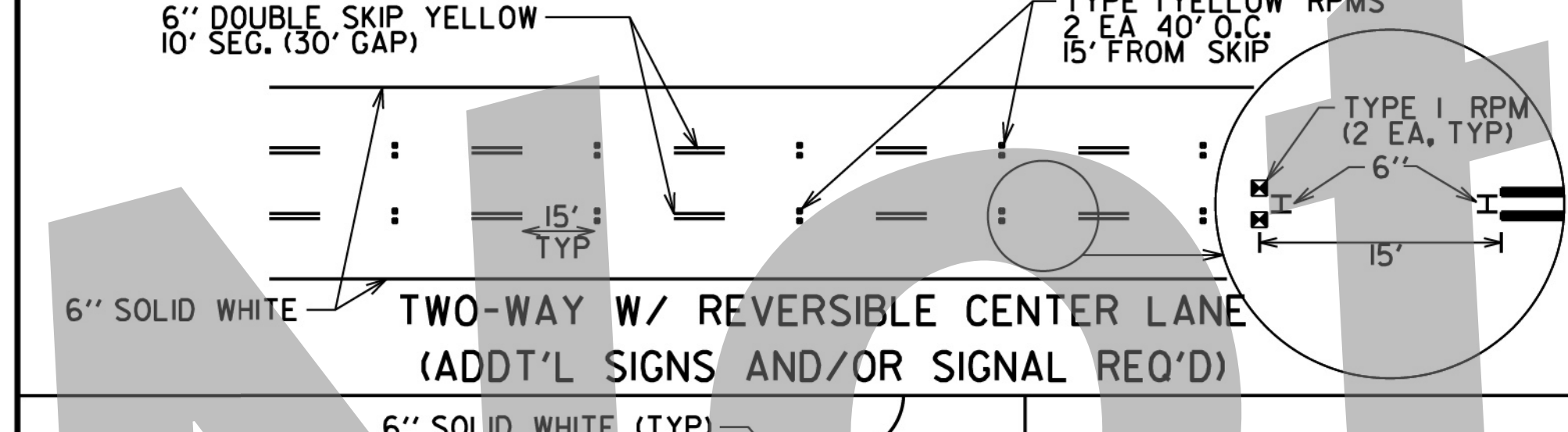
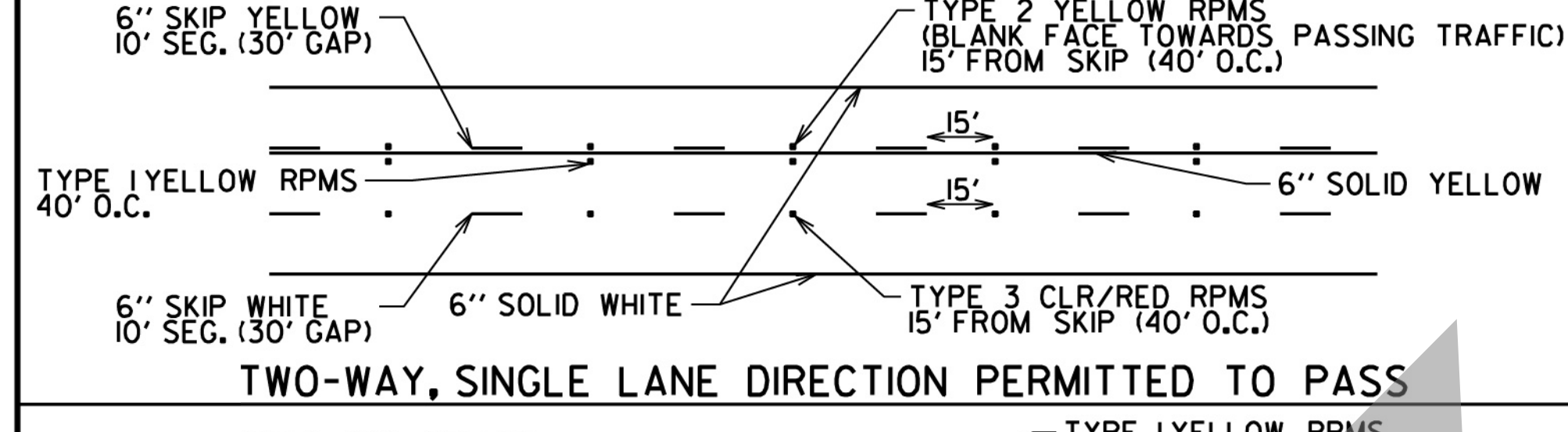
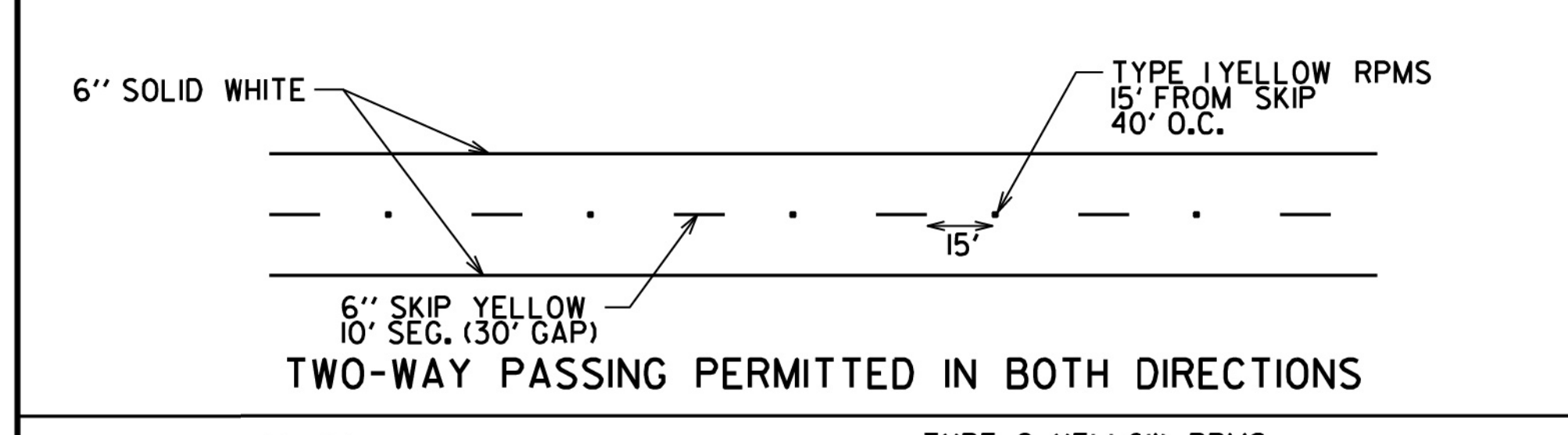
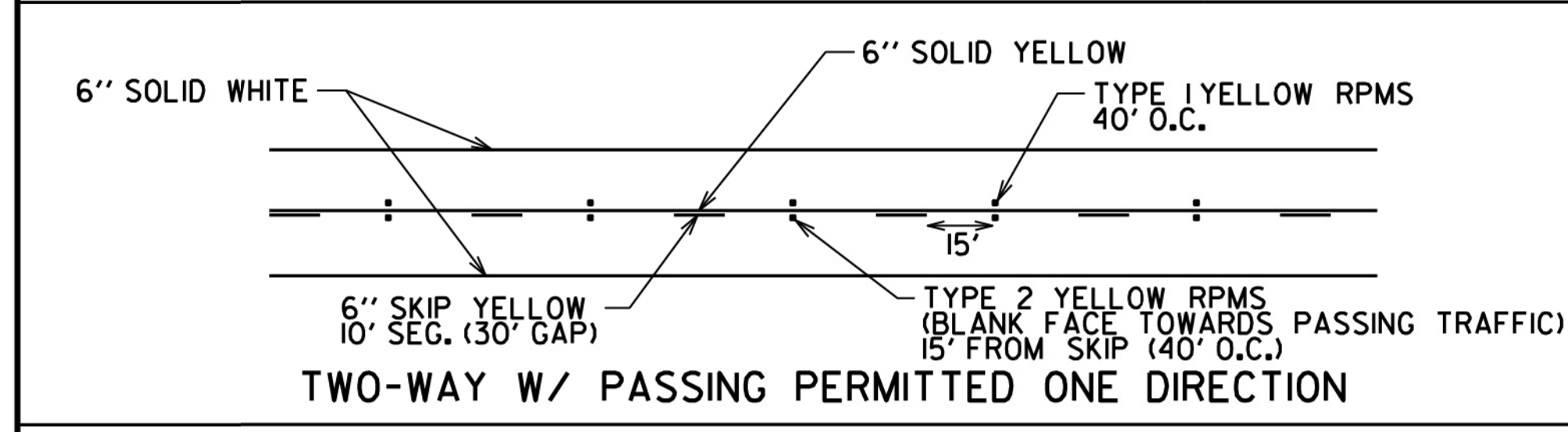
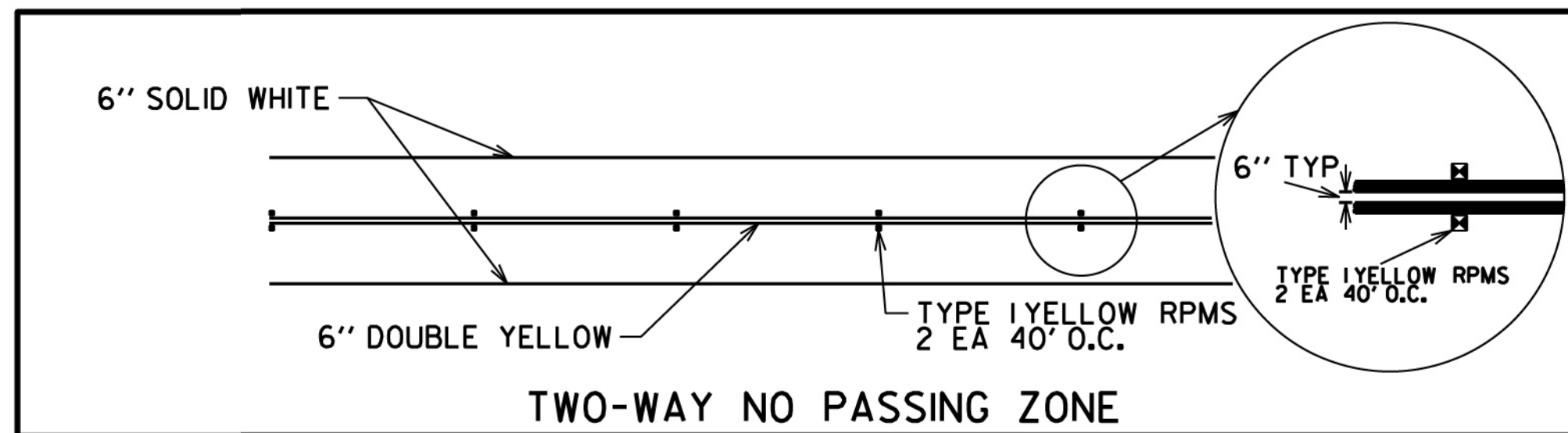
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Expiration Date: 10-05-26

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HWY 84 East
for
The City of Hinesville
Liberty County, Georgia

Detail Sheet
A3
DATE: June 17, 2025
FILE NO: 2024-91PR
SHEET: 05.0



- GENERAL NOTES:**
- LONGITUDINAL PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL INCLUDE CONTRAST. REFER TO DETAIL T-11B FOR DETAILS OF CONTRAST PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER (RPM) PLACEMENT ON LIMITED ACCESS ROADWAYS.
 - SPACING BETWEEN ADJACENT LONGITUDINAL LINES SHALL BE MEASURED CENTER TO CENTER UNLESS OTHERWISE DEPICTED IN THIS DETAIL (I.E. 4 FT FLUSH MEDIANS & CROSSWALKS). SPACING BETWEEN DOUBLE YELLOW LINES SHALL EQUAL TO LANE WIDTH IN INCHES (12" TYP. C-C).
 - EDGE LINES SHALL BE PLACED 4" FROM NORMAL EDGE OF PAVEMENT.
 - LONGITUDINAL STRIPING SHALL BE PLACED MIN. 2" FROM ADJACENT PAVEMENT JOINTS.
 - REFER TO DETAIL T-15C FOR DESIGN OF RPMS
 - TYPE 1 YELLOW RPMS SHALL BE PLACED 40' ON CENTER.
 - RPMS SHALL BE PLACED 5" Laterally (EDGE TO EDGE) FROM NEAREST ADJACENT LONGITUDINAL STRIPE UNLESS OTHERWISE NOTED.
 - THE CLEAR FACE OF TYPE 3 CLR/RED RPMS SHALL BE ORIENTED TOWARDS NORMAL APPROACHING TRAFFIC

| MAJ. REVS., RPMS, X-WALK | DATE | REVISION |
|--------------------------|---------|----------|
| 7-01-24 | 7-01-24 | |
| ADDED GENERAL NOTE 3 | 7-01-24 | |
| ADDED 6' STRIPING | 7-01-24 | |
| ADDED GENERAL NOTE 4 | 9-15-16 | |

DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA
CONSTRUCTION DETAIL
 PAVEMENT MARKING & RAISED PAVEMENT MARKER PLACEMENT;
 CONVENTIONAL ROADWAYS

JANUARY 2000
 NOT TO SCALE

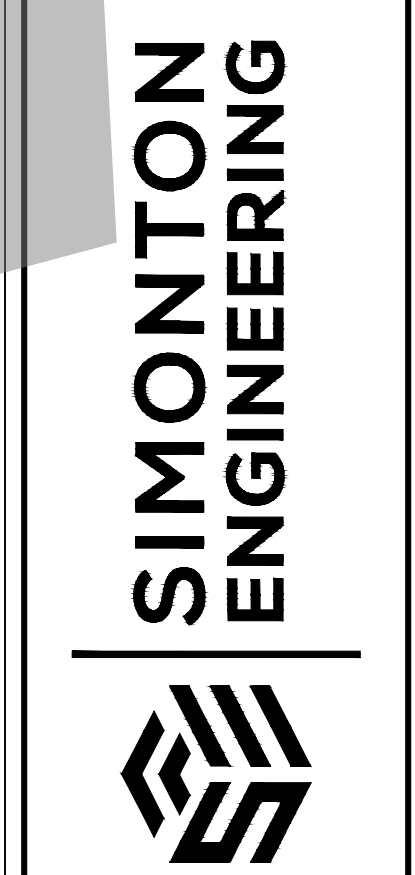
NUMBER
 T-11A

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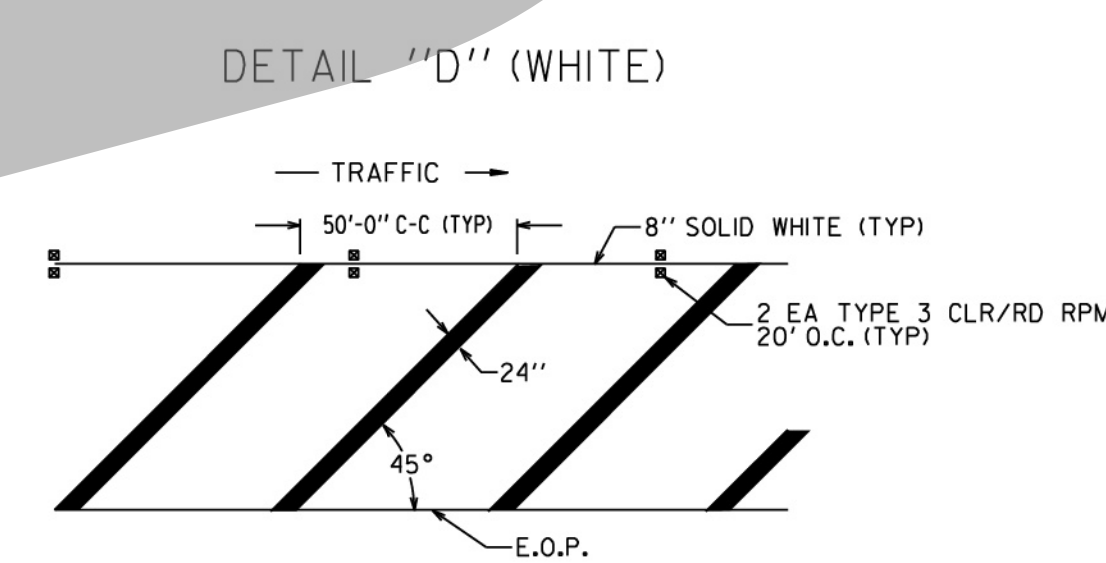
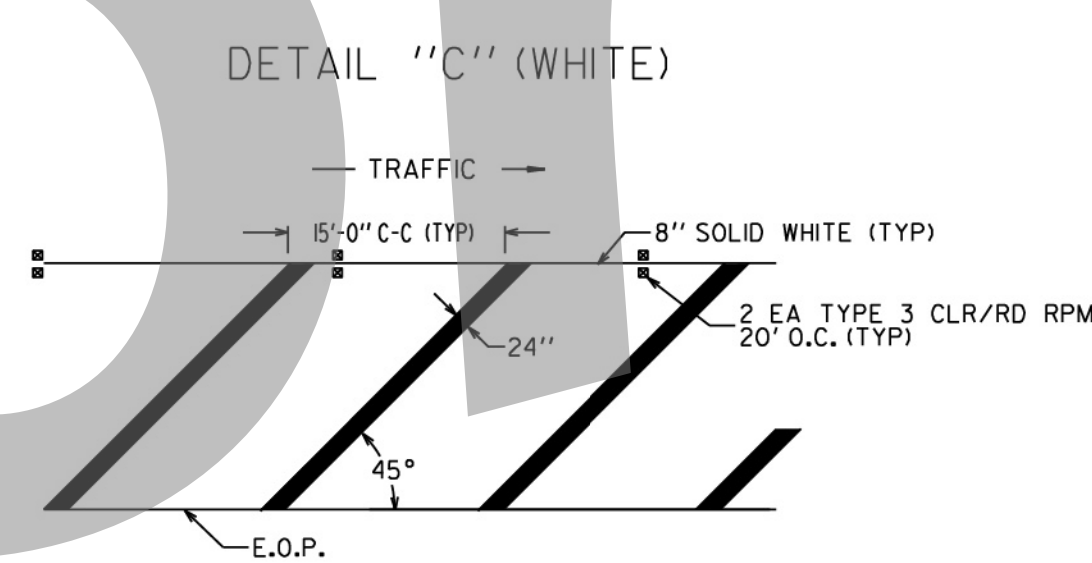
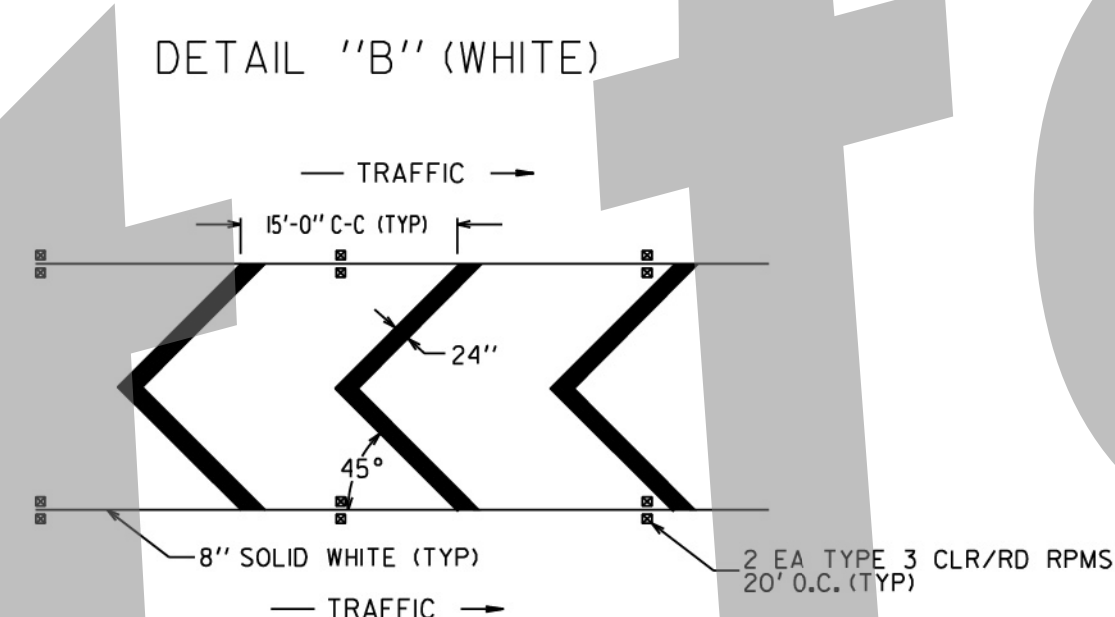
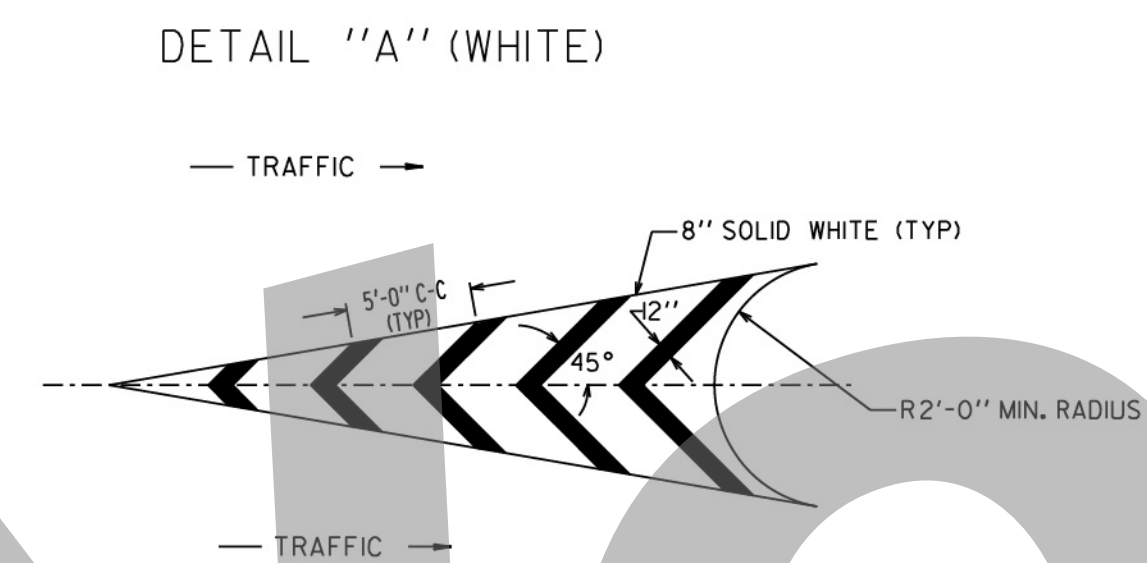
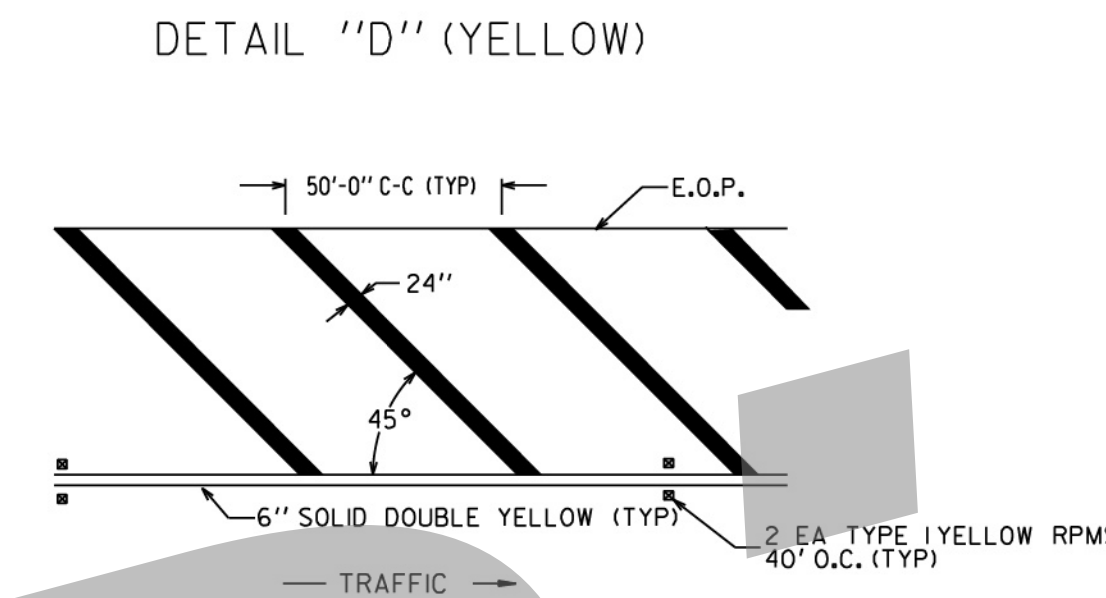
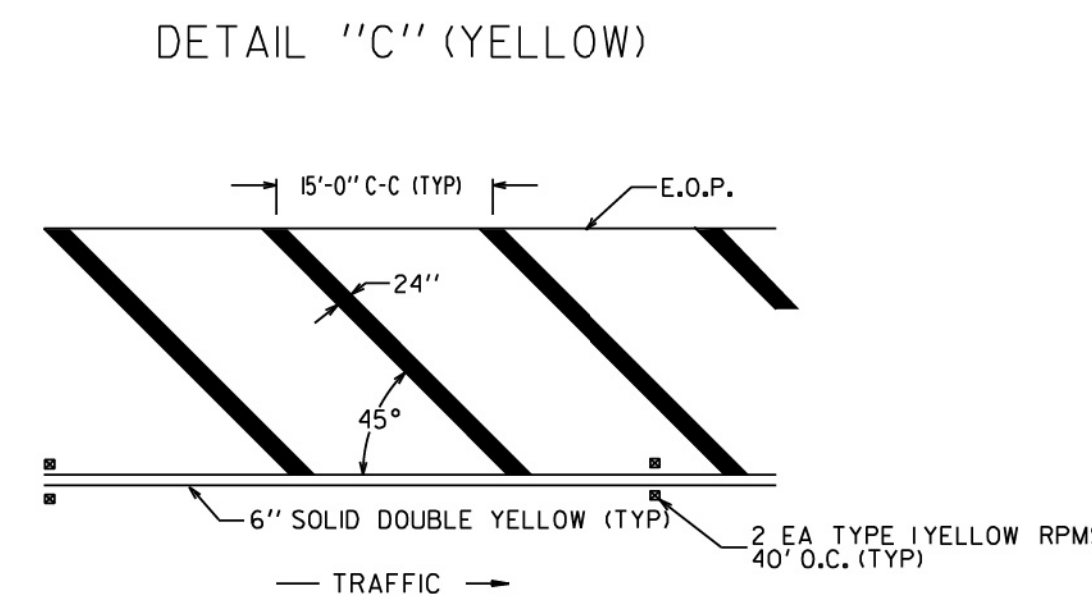
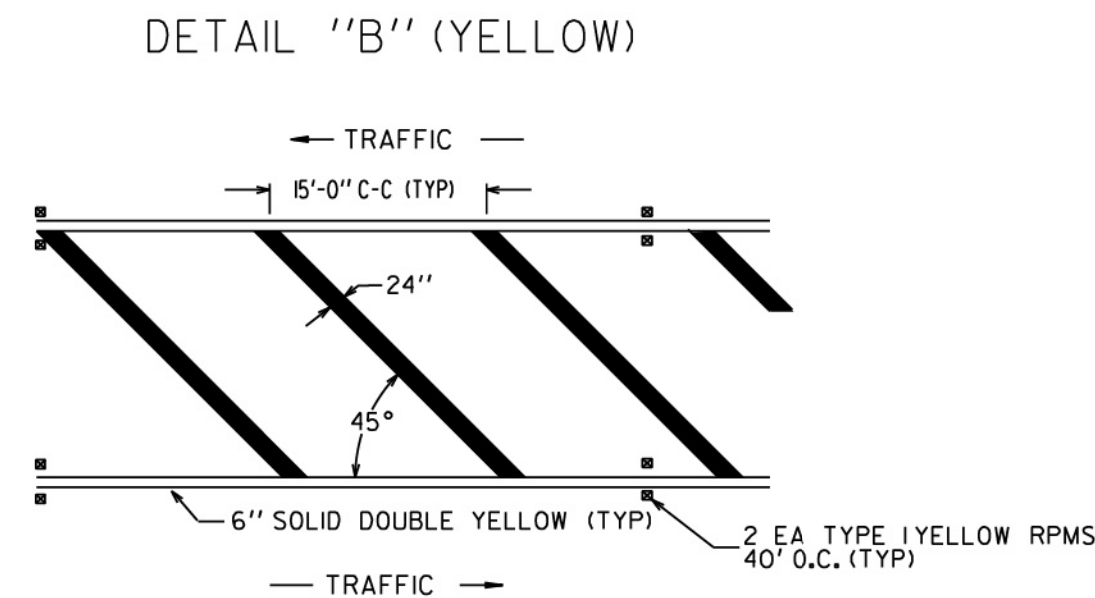
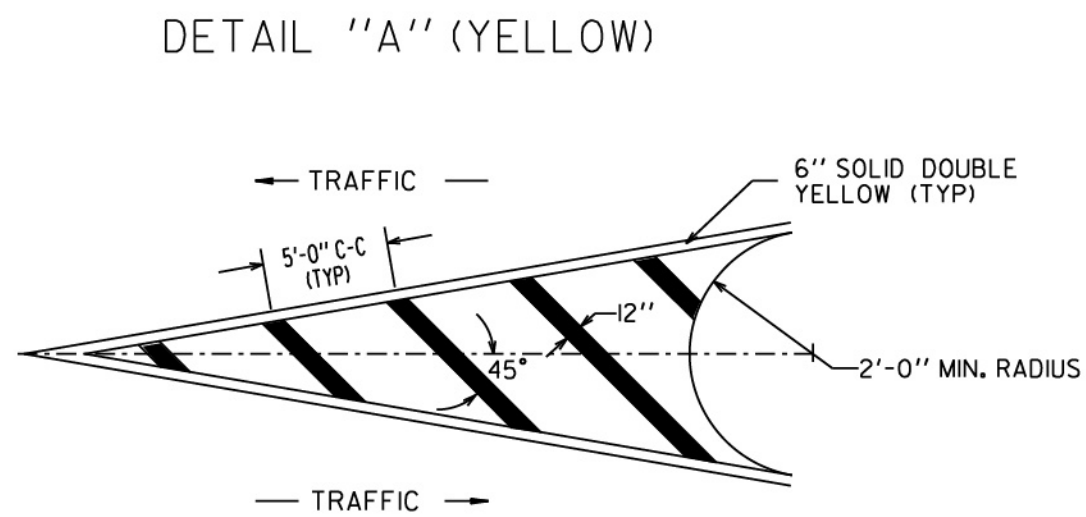
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 HWY 84 East
 for
 The City of Hinesville
 Liberty County, Georgia

Detail Sheet
 T-11A

DATE: June 17, 2025
 FILE NO: 2024-91PR
 SHEET: C63



GENERAL NOTES:

1. FOR YELLOW STRIPING, THE SQUARE YARDS SHOWN ON PLANS, SUMMARY OF QUANTITIES, OR DETAILED ESTIMATE SHEETS INCLUDES THE AREA WITHIN THE BORDERS. THE 6" SOLID DOUBLE YELLOW LINE BORDERS SHALL BE SUMMARIZED AND PAID FOR SEPARATELY.
2. FOR WHITE STRIPING, THE SQUARE YARDS SHOWN ON PLAN, SUMMARY AND DETAILED ESTIMATE SHEETS INCLUDES THE AREA WITHIN THE BORDERS AS WELL AS THE 8" SOLID WHITE BORDER.
3. REFER TO DETAIL T-11A FOR LATERAL RPM PLACEMENT
4. HATCHING ALONG OUTSIDE EDGES OF THE TRAVELED WAY SHALL EXTEND TO THE EDGE OF PAVEMENT (E.O.P.)

| | | |
|----------|---------------------------|----------|
| RCA | RPMS NOTE AND DEPICTION | 07-01-24 |
| ACP | REVISED TO 6" DTL | 07-01-24 |
| | ADDED GN 3, 4, & 5 | 07-01-24 |
| | REV. GN 1 FOR 6" STRIPING | 07-01-24 |
| T.O.P.S. | REVISED GN 1 | 11-21-08 |
| T.O.P.S. | REVISED GN 1 | 6-25-04 |
| BY | REVISION | DATE |

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAIL

DETAILS OF
PAVEMENT MARKING HATCHING

JANUARY 2000
NOT TO SCALE

NUMBER
T-14

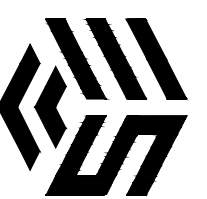
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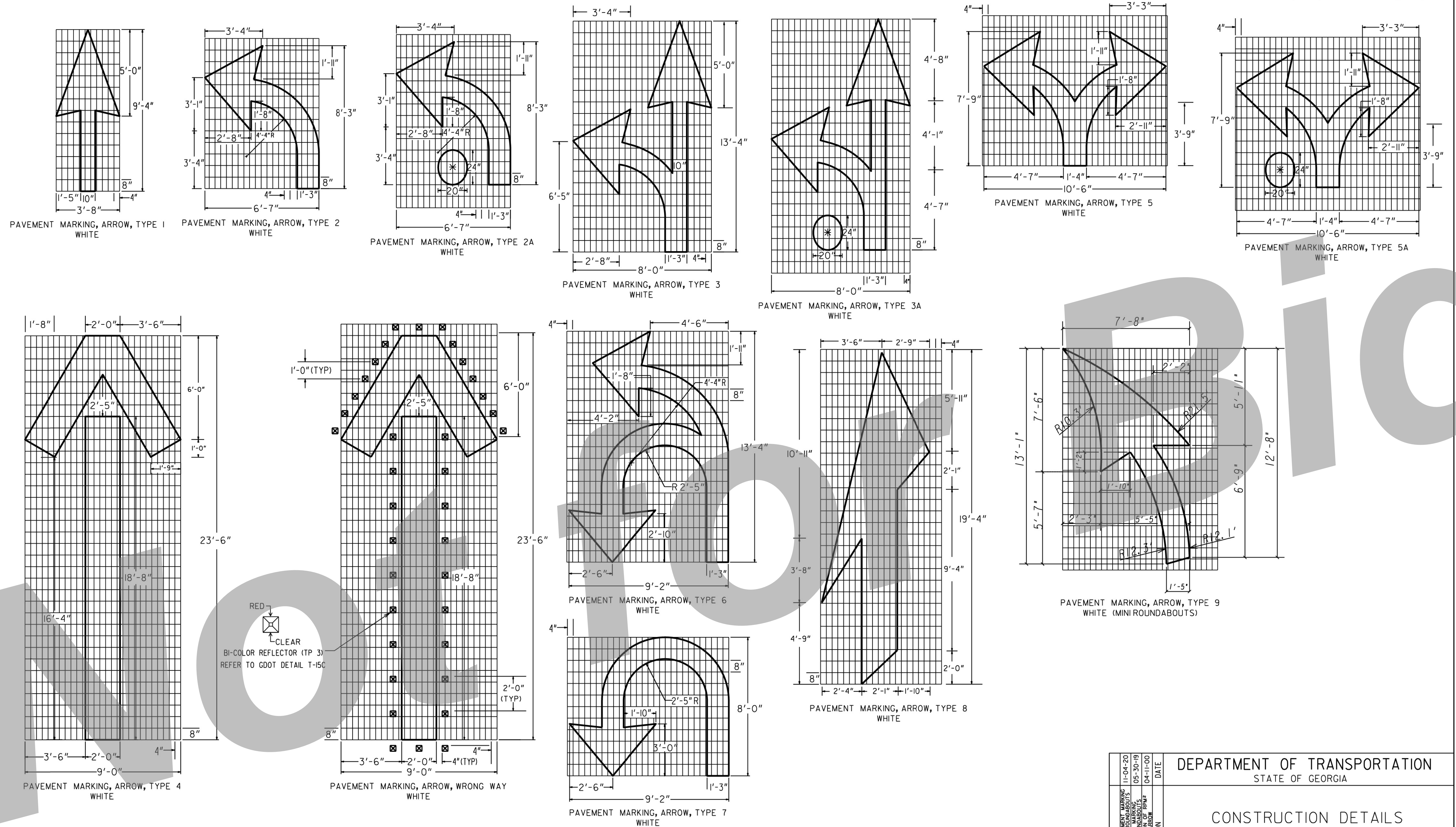


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HWY 84 East
for
The City of Hinesville
Liberty County, Georgia

Detail Sheet
T-14

DATE: June 17, 2025
FILE NO: 2024-91PRJ
SHEET: 05.4

| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|-------|----------------|-----------|--------------|
| GA. | | | |



NOTES
 1. PAVEMENT MARKING ARROWS WITH A DOT (2A, 3A, 5A) SHALL BE USED ALONG MULTI-LANE ROUNDABOUT APPROACHES ALONG THE INSIDE LANE ONLY

| | |
|--|-----------------|
| DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA | |
| CONSTRUCTION DETAILS PAVEMENT MARKINGS - ARROWS | |
| NO SCALE | APRIL 2000 |
| DESIGNED _____ DRAWN _____ TRACED _____ CHECKED _____ | NUMBER T-12B |

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REVISED:

PAUL C. SIMONTON
 ENGINEER

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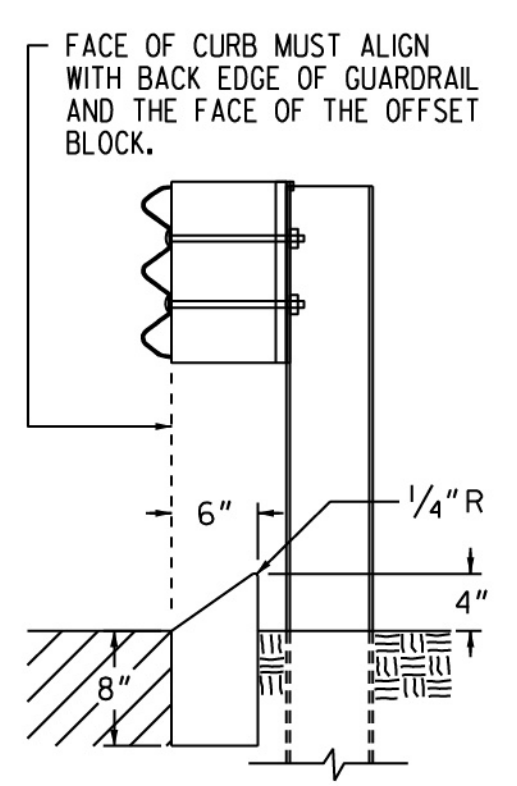
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 Liberty County, Georgia

Detail Sheet
 T-12B

DATE: June 17, 2025
 FILE NO: 2024-931PRJ
 SHEET: C6.5

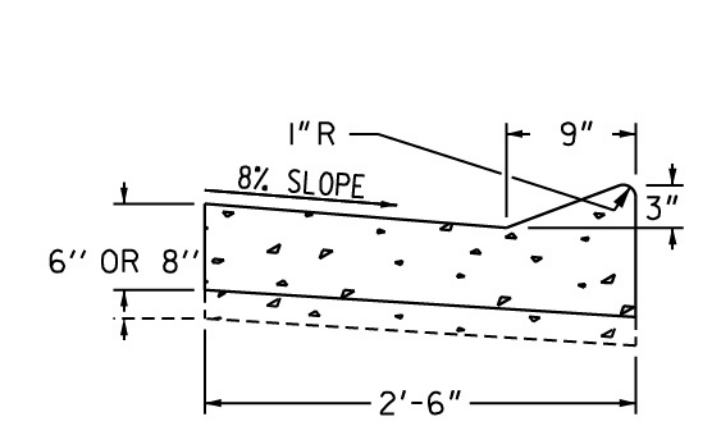


TYPE 8

TYPE 8 HEADER CURB IS USED IN CONJUNCTION WITH GUARDRAIL CONNECTIONS TO CONCRETE BARRIER AS NOTED ON GA. STD. 4382.

| CURB TYPE | h | d |
|-----------|----------|----------|
| 1 | 3" OR 4" | 6" min. |
| 2 | 6" | 8" min. |
| 3 | 8" | 10" min. |
| 4 | 10" | 12" min. |
| 6 | 6" | 7" min. |
| 7 | 6" | 8" min. |
| 9 | 3" OR 4" | 8" min. |

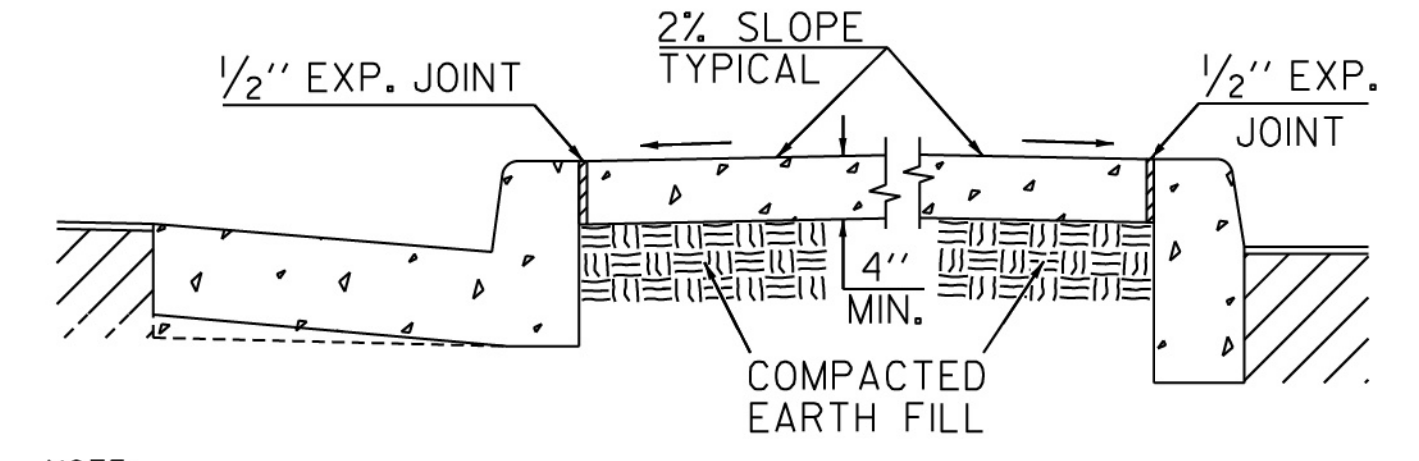
RAISED EDGE WITH CONCRETE GUTTER



RAISED EDGE TO BE CONSTRUCTED WITH SAME CONCRETE MIX AS THE GUTTER AND SHALL BE FORMED MONOLITHIC WITH GUTTER. JOINTS IN RAISED EDGE SHALL MATCH THOSE IN THE GUTTER.

CONCRETE MEDIAN (Between Curbs)

NOTE: CURB TYPES SHOWN ARE TYPICAL. OTHER TYPES MAY BE SPECIFIED.

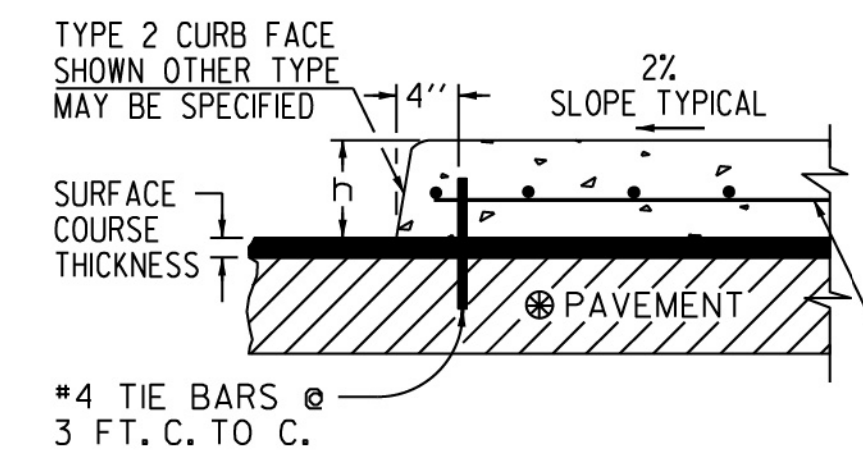


NOTE: WIDTH OF CONCRETE MEDIAN WILL BE AS SHOWN IN PLANS

NOTE: IF CONCRETE MEDIAN INTERCEPTS PEDESTRIAN CROSSWALKS, WHEELCHAIR RAMPS (CONSTRUCTION DETAIL A-3 AND A-4) WILL BE REQUIRED.

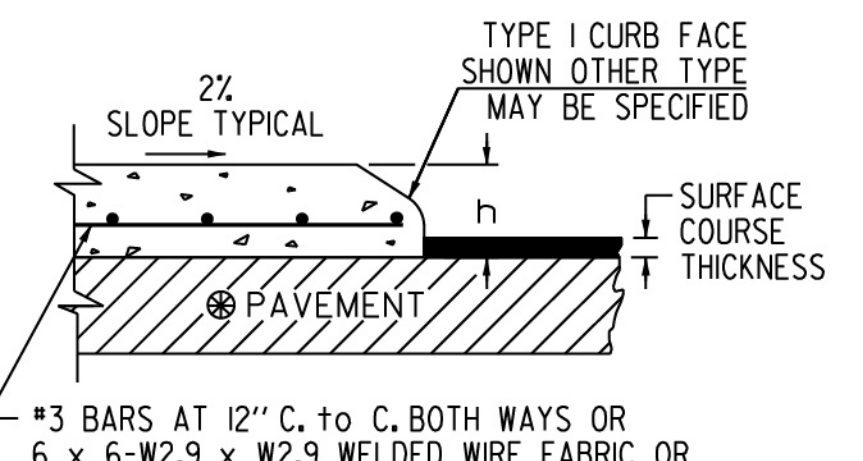
CONCRETE MEDIANS (Integral)

-WITH TIE BARS-

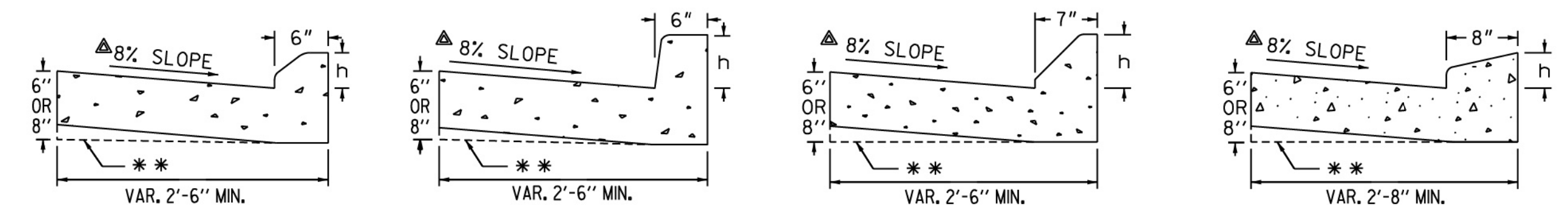


NOTE: IF FINAL SURFACE COURSE IS PRESENT OR MUST BE INSTALLED BEFORE THE CONCRETE MEDIAN CAN BE INSTALLED, THEN DOWELED IN CONCRETE MEDIAN IS REQUIRED.

-WITHOUT TIE BARS-



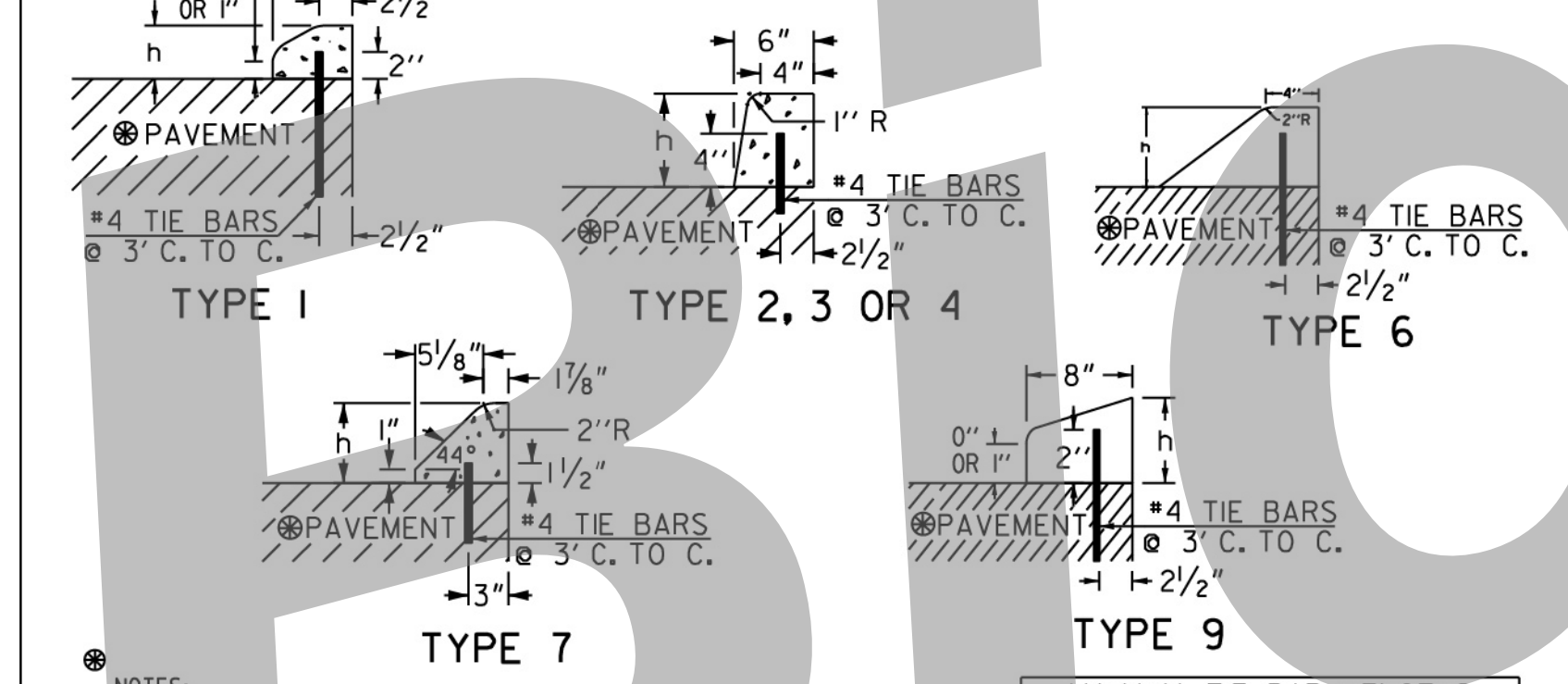
CONCRETE CURB & GUTTER



NOTE: ** AT CONTRACTOR'S OPTION THE GUTTER THICKNESS MAY BE INCREASED AT EDGE OF PAVEMENT TO MAKE BOTTOM OF GUTTER PARALLEL WITH PAVING OF BASE COURSE, BUT THE GUTTER THICKNESS MUST NOT BE LESS THAN THE SPECIFIED 6" OR 8" AT ANY POINT.

NOTE: ▲ WHEN POSITIVE SUPERELEVATION IS REQUIRED, THE SLOPE OF THE GUTTER ON THE HIGH SIDE SHALL BE A CONTINUATION OF THE SLOPE OF THE SUPERELEVATED PAVEMENT.

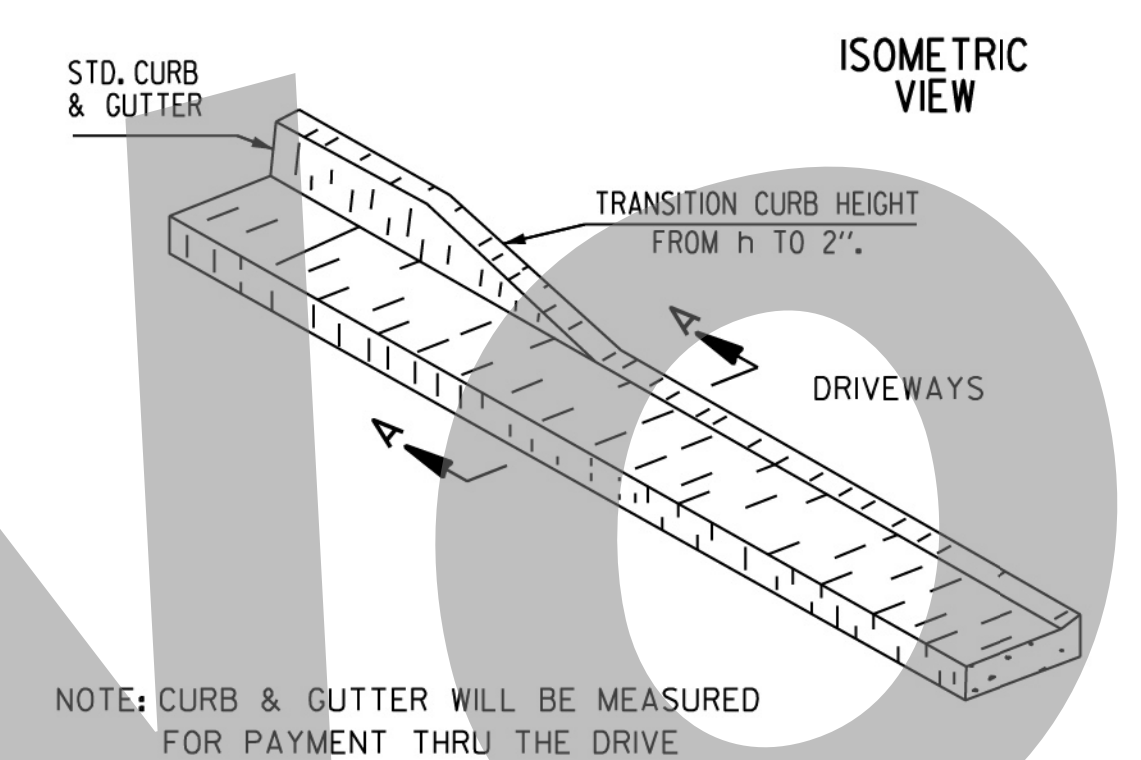
CONCRETE DOWELED INTEGRAL CURBS



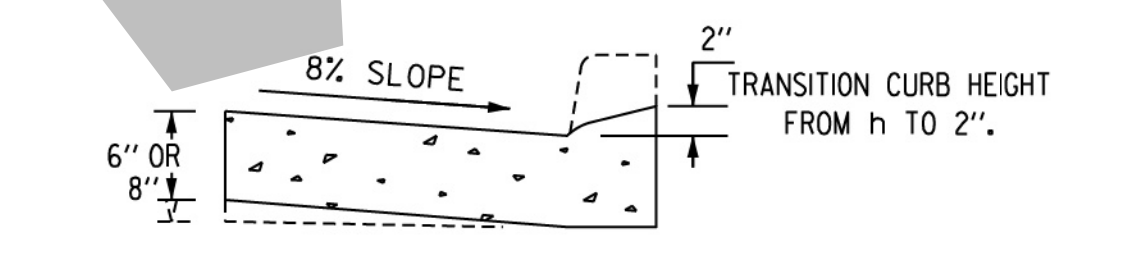
NOTES:
 1. CONCRETE CURB CAN BE INSTALLED AFTER INITIAL SET AS LONG AS TIE BARS ARE DRILLED INTO UNDERLYING CONCRETE PAVEMENT.
 2. CONCRETE CURB CAN BE INSTALLED BEFORE INITIAL SET WITH DOWELS THAT ARE DRIVEN INTO UNDERLYING CONCRETE PAVEMENT.
 3. JOINTS IN CURB AND CONCRETE MEDIAN WILL MATCH THOSE IN THE CONCRETE PAVEMENT.
 4. ALL TYPES OF CONCRETE CURB CAN BE PLACED ON ASPHALT PAVEMENTS WHERE TIE BARS MAY BE EITHER DRIVEN OR DRILLED INTO THE UNDERLYING PAVEMENT. CONTRACTION JOINTS SHALL BE CONSTRUCTED IN CURB OR CONCRETE MEDIAN AT 20 FT. SPACING.
 5. TIE BARS FOR DOWELED CURBS MAY BE UNCOATED PLAIN OR DEFORMED BILLET-STEEL BARS (GRADE 40) AS USED FOR CONCRETE REINFORCEMENT. (AASHTO M-30)

| CURB TYPE | MINIMUM TIE BAR LENGTHS (FOR CONC. DOWELED CURBS OR CONC. MEDIAN) | |
|-----------|---|--------------|
| | P.C. CONC. PAV. | ASPHALT PAV. |
| 1 | 6" | 8" |
| 2, 3 OR 4 | 8" | 12" |
| 6 | 6" | 8" |
| 7 | 6" | 8" |
| 9 | 6" | 8" |

DETAILS OF RECESSED CURB FOR DRIVEWAYS



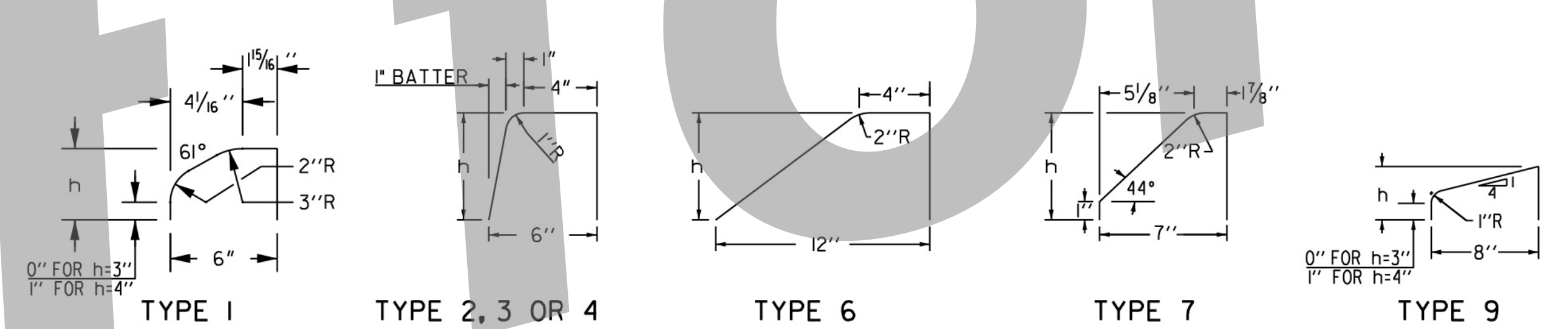
NOTE: CURB & GUTTER WILL BE MEASURED FOR PAYMENT THROUGH THE DRIVE



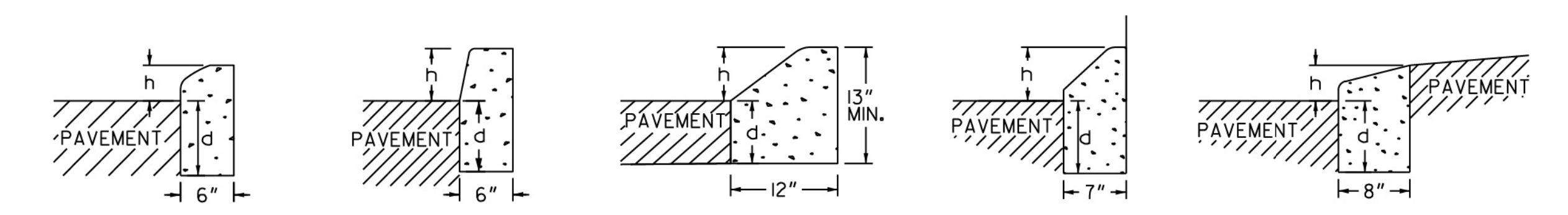
SECTIONAL VIEW SECTION A-A

(SEE SEPARATE CONSTRUCTION DETAILS FOR DRIVEWAYS)

CURB FACE DESIGN

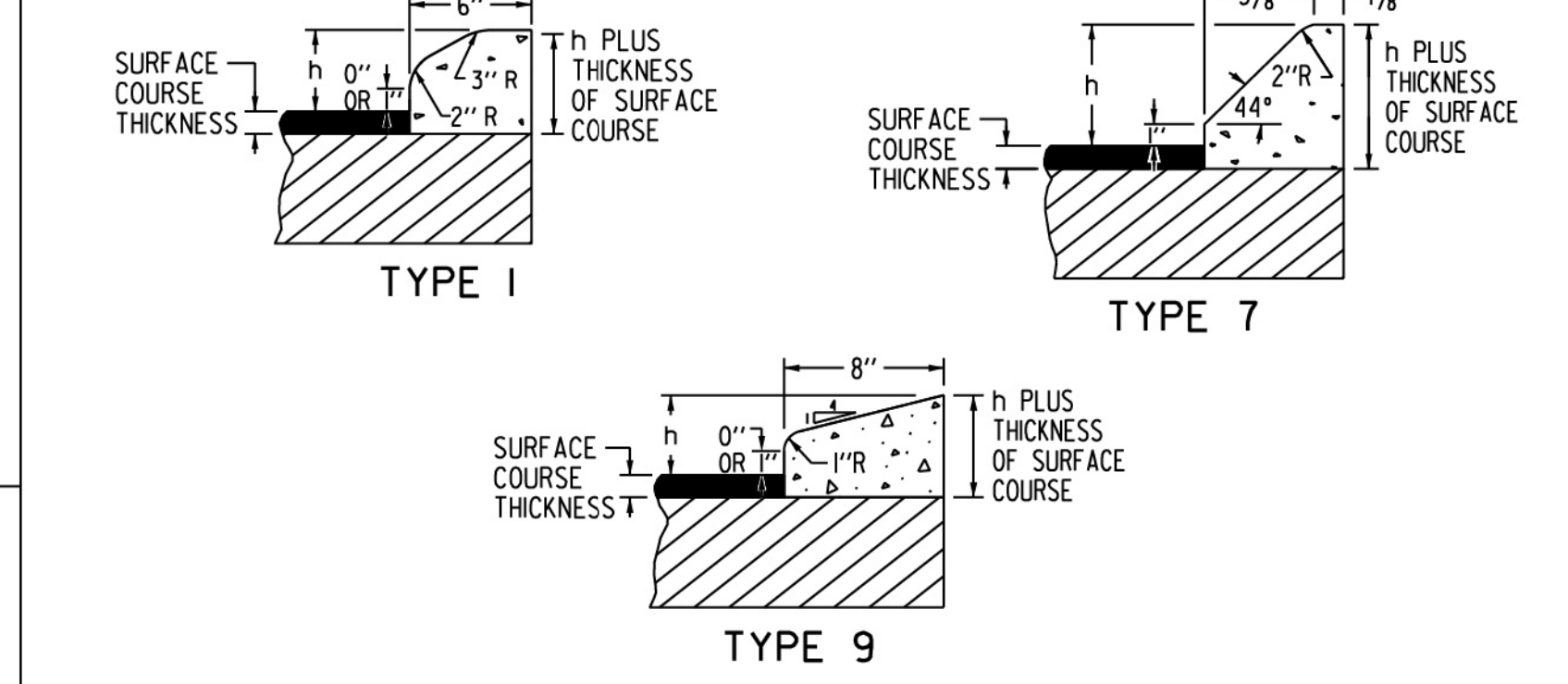


CONCRETE HEADER CURBS



THE DIMENSION d MAY BE INCREASED AT CONTRACTOR'S OPTION SO BOTTOM OF HEADER CURB WILL ALIGN WITH BOTTOM OF PAVEMENT TYPICAL SECTION.

CONCRETE INTEGRAL CURB



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
CONCRETE CURB & GUTTER
CONCRETE CURBS, CONCRETE MEDIANS

NOT TO SCALE MAR. 2003

NUMBER 9032B

DES. (SUBMITTED) [Signature]
STATE DESIGN POLICY ENGINEER
TRA. (APPROVED) [Signature]
CHIEF ENGINEER

07-01-22
01-25-21
02-10-20
11-15-11
1-27-11
3-03

ADD 3" HEIGHT TO TP 1 & 9
REV TP 1 C.F.D. RADIUS DIMS
REV TP 9 C.F.D. DIM HT TO 1"
FROM GR. LEVEL TO RADIUS
JAHR
OFFSET BLOCK & TYP 9 C.D.C.
REV. TYP. 1 C.F.D., TYP. 8
TC
REV. TYP. 9 CURB DETAIL
& REV. OVERALL LAYOUT
GLO
REV. MEDIAN NOTE AND
ADDED TYP. 9 CURB DETAIL
ADDED TYP. 9 DETAIL

REVISIONS

GEORGIA REGISTERED PROFESSIONAL ENGINEER
PAUL C. SIMONTON
Level II Certification No. 935
Expiration Date: 10-05-28

1050 PARKSIDE COMMONS
SUITE 101
GREENSBORO, GA 30642
TEL: (706) 454-0870
www.simontongeniering.com

SIMONTON ENGINEERING

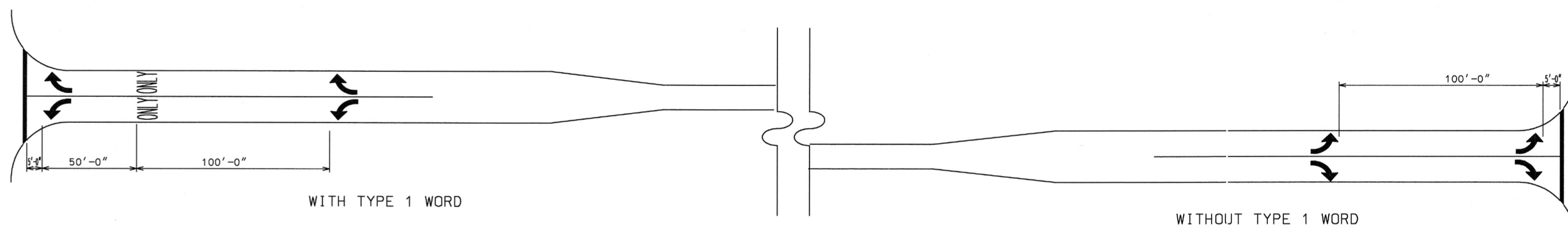
Bryant Commons Access & Decel Ln.
HWY 84 East
for
The City of Hinesville
Liberty County, Georgia

Detail Sheet
9032B

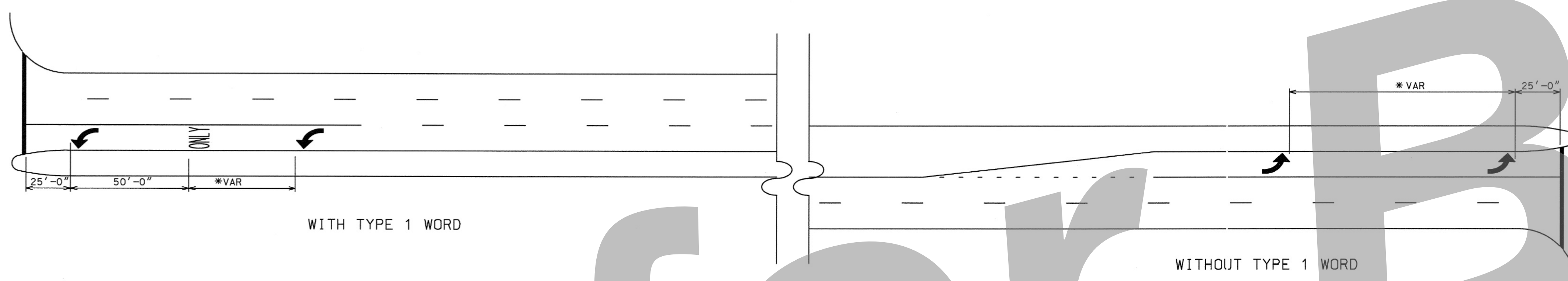
DATE: June 17, 2025
FILE NO: 2024-91PRJ
SHEET: C6.6

| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|-------|----------------|-----------|--------------|
| GA. | | | |

EXIT RAMP

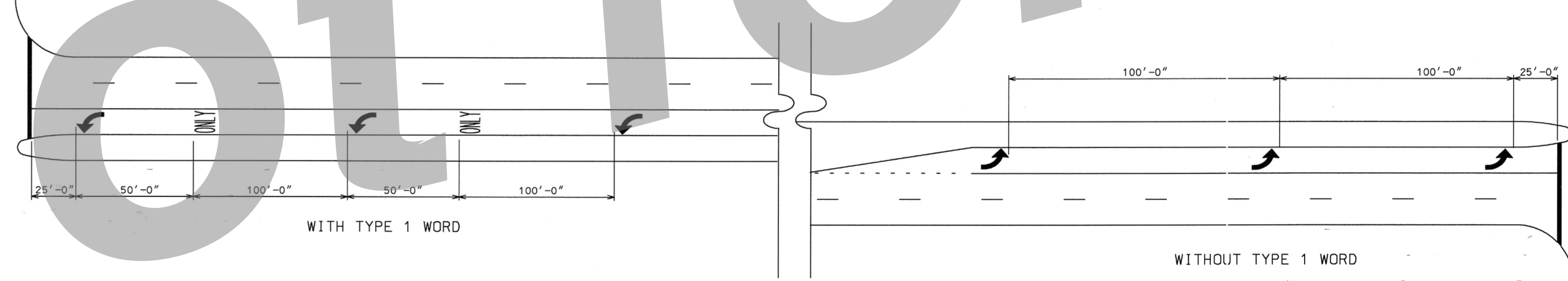


SHORT TURN LANES



*ADJUST TO MEET LOCAL CONDITIONS (NOT LESS THAN 50' NOR MORE THAN 100')

LONG TURN LANES



GENERAL NOTES:

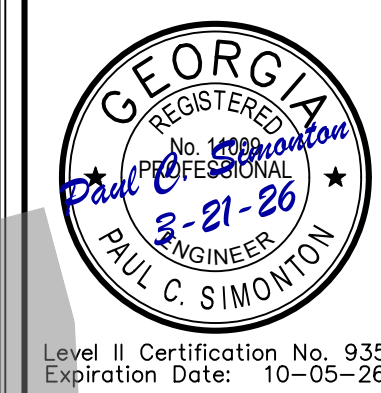
1. SPACING OF TYPE 2 ARROW IS REPRESENTATIVE OF SPACING FOR TYPE 1, TYPE 3, TYPE 4, & TYPE 5 ARROWS.
2. ALL TURNING LANES SHALL HAVE A MINIMUM OF 2 ARROWS.
3. GROUND MOUNTED OR OVERHEAD SIGNING SHALL BE SUPPLEMENTED BY TYPE 1 WORD.

| DATE | REVISIONS |
|------|-----------|
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GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC SAFETY & DESIGN

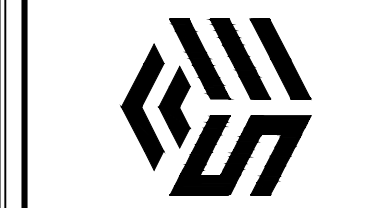
DETAILS OF PAVEMENT MARKING
ARROW LOCATION

NO SCALE JANUARY 2000



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SUITE 101
GREENSBORO, GA 30642
TEL: (706) 454-0870
www.simontongenr.com

SIMONTON ENGINEERING



Bryant Commons Access & Decel Ln.
HWY 84 East
for
The City of Hinesville
Liberty County, Georgia

Detail Sheet
T-12A

DATE: June 17, 2025
FILE NO: 2024-91PRJ
SHEET: 067

Not for Bid