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<td>02-0001</td>
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</tr>
<tr>
<td>03-0001</td>
<td>REVOLUTION SUMMARY</td>
</tr>
<tr>
<td>04-0001</td>
<td>GENERAL NOTES</td>
</tr>
<tr>
<td>05-0001</td>
<td>SUMMARY OF QUANTITIES</td>
</tr>
<tr>
<td>06-0001</td>
<td>MAINLINE ROADWAY PLANS</td>
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**Georgia Department of Transportation Construction Details**

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<tr>
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<td>A-3 SPECIAL DETAIL - CONCRETE SIDEWALK DETAILS CURE OUT (P collaboration) 09-15</td>
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<tr>
<td>40-0002</td>
<td>A-4 SPECIAL DETAIL - DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, 06-09</td>
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<td>40-0003</td>
<td>T-1 DETAILS OF SIGN PLATES 01-00</td>
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<td>40-0004</td>
<td>T-2 DETAILS FOR TYPICAL FRAMING 03-00</td>
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<tr>
<td>40-0005</td>
<td>T-3A TYPE 7,8 AND 9 SQUARE TUBE POST INSTALLATION DETAIL 07-02</td>
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<td>40-0006</td>
<td>T-3B DETAILS OF SQUARE TUBE POST (BREAKAWAY SIGN SUPPORT) 07-02</td>
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<td>40-0007</td>
<td>T-11A DETAILS OF PAVEMENT MARKING PLACEMENT ON NON-LIMITED ACCESS 09-16</td>
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<td>40-0008</td>
<td>T-14 DETAILS OF PAVEMENT MARKING HATCHING 11-08</td>
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**Georgia Department of Transportation Standard Drawings**

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**Revisions**

- Page dimensions: 1224.0x792.0
- Sheet number: 02-0001
- Project number: N/A
- Total sheets: 1
- State: GA

**General Notes**

- Details for typical framing
- Details of sign plates
- Details of pavement marking placement on non-limited access
- Details of pavement marking hatchings
- Concrete curb & gutter, concrete curbs, concrete medians

---

**VHB**
1. The locations of existing utilities are not shown on the plans. Underlying utility locations shall be verified by the contractor before starting any work. The contractor shall notify the engineer of any discrepancies between the plans and field conditions promptly upon discovery.

2. Utililty work coordination will be required as part of this contract. The contractor shall be required to use the One-Call Center telephone number 1-800-922-5770 for the purpose of coordinating the marking of underground utilities.

3. The contractor shall provide and maintain guard rails, signs, and other traffic control devices as may be required for the protection of the public. All temporary signs and guard rails shall be in accordance with the manual on uniform traffic control devices adopted by the state of Pennsylvania. This work shall be included in lump sum price bid for the completion of the project.

4. Notice to owner (NTO) shall not be required for any project that is completed and accepted by the contractor. The contractor shall be required to mark any underground utilities that are not shown on the plans.

5. No additional payment will be made for removal of items as called for in the plans or as necessary to complete items of the project. The cost for all removals shall be included in lump sum price bid for the completion of the project.

6. All incidental saw cutting costs shall be included in lump sum price bid for the completion of the project.

7. Demolition work shall be performed using an appropriate method. Specified and designed dust control measures shall be taken to prevent dust from entering the environment. The contractor shall be required to mark any underground utilities that are not shown on the plans.

8. The horizontal clearance for standard highway signs in non-mountable curb sections shall be at least 2 feet from the curb face to the bottom of the sign or assembly.

9. Horizontal clearance for standard highway signs in non-mountable curb sections shall be at least 2 feet from the curb face to the bottom of the sign or assembly.

10. 15% higher than the manufacturer's recommended height.

11. Sign and software.

12. Rectangular rapid flashing beacon (RRFB) assemblies and accessories shall be supplied by sources that are on the contractor's approval list. The contractor shall be required to mark any underground utilities that are not shown on the plans.

13. The contractor shall notify the engineer of any discrepancies between the plans and field conditions promptly upon discovery.
### SUMMARY OF QUANTITIES

#### TRAFFIC CONTROL - PROJECT PI N/A

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<tr>
<th>CONC SIDWALK</th>
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#### TRAINING - RECTANGULAR RAPID PROJECT PI N/A

#### TESTING - RECTANGULAR RAPID PROJECT PI N/A

#### CURB & GUTTER, MEDIAN AND SIDEWALK

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#### RECTANGULAR RAPID Flashing Beacons (RRFB)

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#### STRIPING

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#### THERMOPLASTIC PAINT MARKINGS

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#### SUMMARY QUANTITIES

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<th>LOCATIONS</th>
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PEDESTRIAN CROSSING IMPROVEMENTS

- **Signage**
  - Install W16-9P, W11-2 sign panels in solar-powered flashing beacons (30 x 30)
  - Install two仁左 and right required W16-7P (24 x 12) sign faces sidewalk 9 x 12

- **Roadway Improvements**
  - Curbs and gutters
  - Sidewalks
  - End sidewalks
  - Fire hydrant
  - Existing utility pole

- **Traffic Improvements**
  - Radar speed detector device
    - Install R2-1, 40 MPH
  - Flashing beacon
    - W15-9W (24 x 12)
    - Two flashing beacons

- **Pedestrian Improvements**
  - Bus stop
    - Existing bus stop with shelter
    - Install bus stop
    - Install curb cut ramp type A
    - Install crosswalk 8' wide (typ.)
    - Replace curb cut ramp type D
    - Solar powered RRFB, high capacity, install single-sided
    - Solar powered RRFB, high capacity, install double-sided
    - Replace curb cut ramp type D

- **Other Improvements**
  - Replace sidewalk
  - 8' from exist EOR R 30' install bulb-out 3:1 taper
  - Existing utility pole
  - Begin curbs & gutters
  - End sidewalk
  - Install sidewalk
  - Install curb cut ramp type B
  - White hatching
  - Existing bus stop
  - Install single-sided
  - Solar powered RRFB, high capacity

**Project Details**
- **Project Number**: N/A
- **Total Sheets**: 1
- **Schedule**: 0
- **Dates**:
  - Date: 10/29/2019

**Compliance**
- **Checked**: [Signature]
- **Backchecked**: [Signature]
- **Corrected**: [Signature]
- **Verified**: [Signature]
CONSTRUCTION PLAN

SOUTH HAIRSTON ROAD

PEBBLE ROCK WAY

STATLER DRIVE

SOLAR PANEL

40 MPH speed limit

RADAR SPEED DETECTOR DEVICE

REPLACE EXISTING:
BREAKEN SIGN MARK

NOTE: APPROX. LOCATION IN THE FIELD.

S T O P

B R O K E N  S I G N

R E V I S I O N  D A T E S

D A T E:

P R E P A R E D

R E F E R E N C E S

R E F E R E N C E S

T O T A L  S H E E T S

P R O J E C T  N U M B E R

P E D E S T R I A N  C R O S S I N G  I M P R O V E M E N T S

A N D  S A F E T Y  I M P R O V E M E N T S

C O N T R A C T O R

G A

N/A

13-0003
Sides Distinguishable Warnings shall be 24 inches (600 mm) in the direction of pedestrian travel and extend the full width of the curb ramp or flush surface. Location: The detectable warning shall be located so that the edge nearest the curb line or other potential hazard is 6 to 8 inches (150 mm to 200 mm) from the curb line or other potential hazard, such as a reflective pool edge or the dynamic envelope of rail operations.

Dome Size and Spacing: Truncated domes shall have a base diameter of 0.9 inch to 1.4 inch (23 mm to 36 mm) at the bottom, a diameter of 0.6 inch to 0.8 inch (16 mm to 22 mm) at the top, the top diameter shall be a minimum of 80% and a maximum of 85% of the base diameter. A height of 0.2 inch (5 mm) and a center-to-center spacing of 2.40 inches (61 mm) desirable. 1.6 inches (40 mm) maximum measured along one side of a square arrangement. Domes shall have a square arrangement. Domes shall be aligned on a square grid in the predominant direction of travel to permit wheels to roll between domes. Visual Contrast: Detectable warning surfaces shall contrast visually with the adjacent walking surface either light-on-dark or dark-on-light. The material used to provide visual contrast shall be an integral part of the detectable warning surface.

Materials:

New Construction:
The detectable warnings shall be made of materials specified on QPL B1.

Retrofit of Existing Ramps:
Surfaced applied materials will only be approved to be used on existing wheelchair ramps.

Installation:
Brick pavers shall be set in a wet mortar bed. The bed shall be placed on concrete. The concrete shall be a minimum of 4 inches (100 mm) thick. Contrast visually with the adjacent walking surface either light-on-dark or dark-on-light. The material used to provide visual contrast shall be an integral part of the detectable warning surface.

Ceramic tile shall be applied in place or set in a wet mortar bed. Manufacturer recommendations and fasteners shall be used in the installation.

All other materials shall be installed according to manufacturer's details or instructions.

General Notes:

Retrofit surfaced applied materials shall be:
1. Changes in level of 0.5 inch (16 mm) high maximum shall be permitted vertically on surfaced applied materials. Changes in level between 0.5 inch (16 mm) high minimum and 0.75 inch (20 mm) high maximum shall be beveled with a slope not steeper than 1:24.

2. Changes in level between 0.5 inch (16 mm) high minimum and 0.75 inch (20 mm) high maximum shall be beveled with a slope not steeper than 1:24.

CONCRETE ISLAND WITH ELEVATED CUT THROUGH

NO SEPARATE PAYMENT WILL BE MADE FOR THE DETECTABLE Warnings. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR CURB CUT RAMP IF THE ITEM IS INCLUDED IN THE PROPOSAL.

FOR CUT-THRU ISLANDS AND EXISTING RAMPS, WHERE NO CURB OR CURB CUT RAMPS ARE IN THE PROPOSAL, THE COST OF THE DETECTABLE WARNINGS SHALL BE INCLUDED IN THE OVERALL BID PRICE SUBMITTED.
TWO-WAY TRAFFIC WHERE MOTORISTS IN A SINGLE LANE ARE PERMITTED TO PASS

TWO-LANE, TWO-WAY TRAFFIC WITH PASSING PERMITTED

MULTI-LANE, TWO-WAY TRAFFIC WITH SINGLE LANE, TWO-WAY LEFT TURN CLEARANCE

GENERAL NOTES:
1. SPACING BETWEEN DOUBLE LINES SHALL BE EQUAL TO THE LINE WIDTH.
2. EDGE LINES SHALL BE PLACED A MINIMUM OF 4 INCHES FROM THE NORMAL EDGE OF PAVEMENT.
3. CONTRAST MARKINGS FOR SKID STRIPING SHALL BE AS SHOWN IN DETAIL T-III.
GENERAL NOTES:
1. FOR YELLOW STRIPING, THE SQUARE YARDS SHOWN ON PLAN SUMMARIES AND DETAIL ESTIMATE SHEETS INCLUDE THE AREA WITHIN THE BORDERS AND THE 3" SOLID DOUBLE YELLOW BORDER.
2. FOR WHITE STRIPING, THE SQUARE YARDS SHOWN ON PLAN SUMMARIES AND DETAIL ESTIMATE SHEETS INCLUDE THE AREA WITHIN THE BORDERS AS WELL AS THE 8" SOLID WHITE BORDER.

GEORGIA
DEPARTMENT
OF TRANSPORTATION

SIGNING AND MARKING PLANS

- NO SCALE -