GENERAL

1. The contractor shall perform all required operations before beginning construction.

2. The contractor shall be responsible for providing security to protect the project site, contractor property, equipment, and workers.

3. The contractor shall be responsible for clearing streets of construction dirt and debris at the conclusion of each work day.

4. The contractor shall be responsible for clearing the area of any debris or equipment left on site.

5. The contractor shall be responsible for clearing any debris or equipment left on site.

6. The contractor shall be responsible for clearing any debris or equipment left on site.

7. The contractor shall be responsible for clearing any debris or equipment left on site.

TRAFFIC SIGNAL

1. All items relating to the construction of traffic signal installations, except for any pre-cut or cut-in, shall be connected to the activation of the signal system, unless otherwise required by the contractor.

2. The contractor shall connect all items relating to the construction of traffic signal installations, except for any pre-cut or cut-in, to the activation of the signal system, unless otherwise required by the contractor.

3. The contractor shall connect all items relating to the construction of traffic signal installations, except for any pre-cut or cut-in, to the activation of the signal system, unless otherwise required by the contractor.

4. The contractor shall connect all items relating to the construction of traffic signal installations, except for any pre-cut or cut-in, to the activation of the signal system, unless otherwise required by the contractor.

TRAFFIC CONTROL

1. The contractor shall maintain and install traffic control devices in accordance with the Harris County Traffic Signal Manual, which requires the installation of traffic control devices at the conclusion of each work day.

2. The contractor shall maintain and install traffic control devices in accordance with the Harris County Traffic Signal Manual, which requires the installation of traffic control devices at the conclusion of each work day.

3. The contractor shall maintain and install traffic control devices in accordance with the Harris County Traffic Signal Manual, which requires the installation of traffic control devices at the conclusion of each work day.

4. The contractor shall maintain and install traffic control devices in accordance with the Harris County Traffic Signal Manual, which requires the installation of traffic control devices at the conclusion of each work day.

HARRIS COUNTY ENGINEERING DEPARTMENT
GENERAL
1. The contractor shall field verify existing conditions before beginning construction.

2. The contractor is responsible for provisonal site security to protect the project site, contractor property, equipment, and material.

3. The contractor is responsible for completing construction of a temporary access road at the site.

4. The condition of the road(s) shall be maintained during construction.

5. The contractor shall maintain all public property and provide temporary access to the public.

6. The contractor shall provide temporary access for emergency vehicles and personnel.

7. The contractor shall provide temporary access for emergency vehicles and personnel.

8. The contractor shall coordinate with the public utilities to ensure temporary access to the project site.

TRAFFIC SIGNAL
1. All items related to the construction of traffic signals, including, but not limited to, traffic signals, signal posts, and signal heads, shall be completed prior to the activation of the signal system.

2. The contractor shall work with the Harris County Traffic Signal Maintenance Crews to coordinate the installation of traffic signals.

3. The contractor shall provide a project manager to oversee the installation of traffic signals.

4. The contractor shall ensure that all traffic signals are operational prior to the activation of the system.

5. The contractor shall ensure that all traffic signals are operational prior to the activation of the system.

6. The contractor shall ensure that all traffic signals are operational prior to the activation of the system.

7. The contractor shall ensure that all traffic signals are operational prior to the activation of the system.

8. The contractor shall ensure that all traffic signals are operational prior to the activation of the system.

TRAFFIC CONTROL
1. The contractor shall provide and install traffic control devices in accordance with the approved plans and specifications.

2. The contractor shall install traffic control devices at all intersections.

3. The contractor shall provide a traffic control plan for each intersection.

4. The contractor shall ensure that all traffic control devices are properly installed and maintained.

5. The contractor shall ensure that all traffic control devices are properly installed and maintained.

6. The contractor shall ensure that all traffic control devices are properly installed and maintained.

7. The contractor shall ensure that all traffic control devices are properly installed and maintained.

8. The contractor shall ensure that all traffic control devices are properly installed and maintained.
NOTES:
1. SHOULDER CROSSING DRIVING AT 45 DEGREES OR AS SHOWN ON DRAWING.
2. USE PRECAST CURB EXCEPT WHERE PRECAST CURB IS ILLEGIBLE.
3. USE PLATE DETAIL SHEET FOR CONCRETE CURB REINFORCEMENT.
4. THIS DRIVEWAY INSTALLATION IS DESIGNED BY ING D.ING.
NOTES:
1. THIS DRAWING APPLIED TO BOTH PUBLIC AND PRIVATE PROJECTS.
2. AVOID EXISTING EXPANSION JOINT FOR CURB LINE OF DRIVEWAY AND REMOVE CURB TO SHOULDER LINE.
3. IF THERE IS A LUTURE CURB ON DRIVEWAY, DESIGN PROPOSED CURB TO MATCH EXISTING CURB RISE AS SHOWN.
4. SEE PAINTING DETAIL SHEET FOR CONCRETE CURB REINFORCEMENT.
GENERAL NOTES:

1. CONSTRUCTION AND MATERIALS SHALL MEET REQUIREMENTS OF FDM 422.
2. CONCRETE FOR WALLS, UPPER 6" JOINTS, AND REBAR SPANS SHALL BE IN 28 DAYS.
3. FRESH MIXTURE TO MEET LATE 28 DAYS ON 5.
4. FRAME OR OTHER BULK PLANT OR WALLS SHALL BE CONSTRUCTED PER WRCHS D5-433 OR D5-429.
5. THE CONTRACTOR IS RESPONSIBLE FOR A POST-PA V TIE REBAR TO CALL OUT.
6. ALL JOINTS BETWEEN JOINTS SHALL BE TISSUE WITH THE CONTRACTOR'S INSPECTION. HOWEVER, IF THE CONTRACTOR ELECTS TO CONSTRUCT 3/4" JOINTS BETWEEN JOINTS, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING A DETAILED DRAWING, PLANS, AND SPECIFICATIONS TO THE AGENCY DESIGNEE TO PERMIT IN THE STATE OF TEXAS.
7. A DETAILED DRAWING WILL BE PROVIDED FOR PRECAST COMBINATION OF KNOBS, WITH No additions ARE PERMISSIBLE FOR PRECAST COMBINATION OF KNOBS.
8. INSTALLATION TO BE AS SPECIFIED BY THE ENGINEER.
ELEVATION WITH CORNER POST

SECURITY FENCE AND GATE
FOR ELECTRICAL PANEL BOARD
STORM WATER POLLUTION PREVENTION PLAN

PROJECT NAME:

LOCATION & LIMITS:

PROJECT SCOPE:

- Activity (check all that apply)
  - Roadway
  - Street
  - Bridge
  - Sanitary Sewer
  - Underground Storm Sewer
  - Drainage

TOTAL PROJECT AREA: Acres

EXISTING CONDITONS OF SOIL, VEGETATION, AND DRAINAGE:

PHASED CONSTRUCTION ACTIVITIES:

DESCRIPTION OF DRAINAGE AREAS AND OUTFALLS:

RECEIVING WATERS/CONVEYANCE:

MAJOR SOIL DISTURBING ACTIVITIES:

- SPEC 122 - Clearing & Grading
- SPEC 123 - Grading & Drilling
- SPEC 124 - Gravel & Fill
- SPEC 129 - Paving

ACTIVITY (CHECK ALL THAT APPLY)

- Concrete
- Clearing & Grading
- Drilling & Blasting
- Excavating & Filling
- Grading & Drilling
- Gravel & Fill
- Paving
- Paving
- Soils

SOIL STABILIZATION AND SEDIMENT CONTROL MEASURES:

- SPEC 124 - Seeding
- SPEC 126 - Mulching
- SPEC 127 - Hydro-mulch

POTENTIAL POLLUTION SOURCES:

- Contaminants
- Fuel
- Paint
- Oils
- Grease
- Drilled Fluid
- Stormwater

POLLUTION PREVENTION BMPs:

Waste water and materials will be stored in their original containers in secure areas where spillage is minimal. Storage and storm water will be constructed to limit the amount of sediment that enters receiving waters and sediments. All storm water and control measures will be included in the approved construction documents. All materials and equipment will be removed from work areas as soon as feasible and no later than required.

WASTE MATERIAL:

All solid waste materials will be stored in enclosed areas and transported to approved disposal facilities. Collection will be completed often enough to ensure that no waste materials will be left due to spillage or collection objectives. Wastes will be stored in sealed containers and disposed of according to local waste disposal regulations. All material containers should meet all state and local requirements.

RESPONSIBLE PARTY/CONTRACTOR:

Name:
Title:
Company:
Signature:

HARRIS COUNTY ENGINEERING DEPARTMENT

CURRENT CONSTRUCTION SPECIFICATION DOCUMENTS CAN BE FOUND AT:

http://www.hctx.gov/Departments/Engineering/Construction/SpecCenter
**Acceptable Urban Forestry Criteria**

- **Acceptable Species Urban Forestry**
  - **Scientific Name**: Common Name
  - Height Spread: Spread

**Tree Conditions**

- Trees shall be a minimum of 1.5 caliper inches (diameter) at the base and 3 feet tall

**Spacing Requirements**

- There shall be a minimum of 50 (d) caliper inches per 100 lineal feet of new single-lane pavement for road projects and a minimum of 50 (d) caliper inches per 200 square feet of impervious surface for all other projects.

**Planting Time**

- The recommended time for planting in the Harris County area is usually early fall or late spring. Trees should be planted in moist, well-drained soil. They should be set in 12" deep holes and watered thoroughly to allow firming after planting. The trunk must be free of any debris or plastic clips and the tree free of pests and disease.

**Planting Standards**

- **No.** 1: Do not remove tree from containers until ready to place into the ground. Do not prune tree until after planting.
- **No.** 2: Planting hole shall be dug at least 20" in diameter and 3 ft deep.
- **No.** 3: Planting hole shall be filled in stages to allow air entry and settling of roots. Plant with the tree in place, the root ball or the roots extending out of the planting area.
- **No.** 4: Do not remove tree from containers until ready to place into the ground. Do not prune tree until after planting.

**Planting Calculations**

- **Check Appropriate Box**
  - **Calculate Required Caliper Inches**
  - **Complete Tree Planting Schedule**

**SWO Impact Evaluation**

- **This project includes the removal of**
  - **Total squares removed**
  - **Total trees remaining**

**Tree List**

- **Species**: Common Name
  - **Red Maple**: Acer rubrum
  - **Eastern Redbud**: Cercis canadensis
  - **American Elm**: Ulmus americana

**Planting Schedule**

- **Tree Number**: Species
  - **30 ft.**: Caliper inches proposed

**Tree Location Index**

- **Indicated Large Tree**
  - **Indicated Small Tree**

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**Notes**

- All species must be approved by the County Engineer before planting.
- All species must be approved by the County Engineer before planting.
- All species must be approved by the County Engineer before planting.
- All species must be approved by the County Engineer before planting.
ANOTHER HARRIS COUNTY PRECINCT 2 IMPROVEMENT TO SERVE YOU

PROJECT NAME

(COST)

COUNTRY JUDGE
LINA HIDALGO
COUNTRY COMMISSIONERS
PRECINCT 1 RODNEY ELLIS  PRECINCT 3 STEVE RADACK
PRECINCT 2 ADRIAN GARCIA  PRECINCT 4 R. JACK CAGE
COUNTRY AUDITOR
MICHAEL POST, CPA
COUNTRY ENGINEER
JOHN R. BLOUNT, P.E.

ELEVATION VIEW

GENERAL NOTES:
1. THE SIGN SHALL HAVE BLACK LETTERS WITH WHITE BACKGROUND.
2. SIGN SHALL BE MOUNTED ON 4" x 8" POSTS AND LOCATED BY THE CONTRACTOR.
3. ALL SURFACE MOUNTED SIGNS SHALL BE 1/8" HARRIS PINE.
4. ALL MOUNTING HARDWARE, NAILS, NUTS AND BOLTS SHALL BE BRASS.
5. 4" x 8" POST SHALL BE WALNUT WITH MARKER PADS.
6. ALL OTHER SIGNS SHALL BE 1/8" THICK PINE WITH ADHESIVE BACKING.

FOR REVIEW ONLY
HARRIS COUNTY
ENGINEERING DEPARTMENT

[Diagram showing dimensions and specifications for a sign for Precinct 2, Harris County, with notes on materials and construction details]
METRO HARRIS COUNTY GENERAL MOBILITY PROGRAM

PROJECT NAME (DESCRIPTION)

IMPROVEMENTS SPONSORED BY
METROPOLITAN TRANSIT AUTHORITY OF HARRIS COUNTY
AND
HARRIS COUNTY PRECINCT #

CMI PROJECT No. 06-040

GENERAL NOTES:
1. SIGN SHALL BE ATTACHED ON 4" x 4" x 7" LUXE POSTS.
2. ORDER TO DETERMINE LOCATION(S) FOR PLACEMENT OF SIGN.
3. 1/2" x 7 1/2" BUTTON HEAD STAINLESS STEEL SCREWS, NUTS AND PLASTIC WASHERS SHALL BE STAINLESS OR GALVANIZED PLATED.

HARRIS COUNTY ENGINEERING DEPARTMENT

FOR REVISION READER ONLY

REVISIONS
DATE
NAME

RSM:

METRO PROJECT NO

AS NOTED

CMI PROJECT NO

DPS

SAMPLE SIZE

STANDARD