GENERAL NOTES

1. The Contractor shall provide and install traffic control devices in conformance with Part V of the Texas Manual on Traffic Control Devices (TMAP/TCD).
2. All signs and traffic control devices shall conform to the latest version of the TMAP/TCD.
3. No lanes shall be closed during the hours of 7:00 A.M. to 9:00 A.M. and 3:00 P.M. to 5:00 P.M. Monday thru Friday without approval of the City Traffic Engineer.
4. No work shall be performed in residential areas from 10:00 P.M. to 7:00 A.M.
5. Contractor shall maintain approved number of enough lanes of traffic in each direction during construction working hours. Traffic control plans shall include move-in and move-out details. Contractor shall maintain ADA compliant pedestrian access to all bus stops and designate bus stops to all bus stops.
6. Contractor shall maintain traffic lanes and details according to traffic control plans during working hours.
7. Contractor shall cover open pavement excavations for minor utility work with4 in. wide plate steel during non-working hours, and open lanes for normal traffic flow where feasible.
8. If the Contractor chooses to use a different method of “Traffic Control Plan” during the construction than what is outlined in the contract drawings, the Contractor shall be responsible for designing and submitting an alternate set of traffic control plans to the City of Houston Project Manager for approval ten (10) working days prior to implementation. These plans shall be known as to scale and reproducible in materials and shall be sealed by a Registered Engineer in the State of Texas. Transportation & Drainage Operations representative approved to accept the proposed change.
9. Contractor shall secure lanes/two-lane/bicycle facility closure permits from Transportation & Drainage Operations (mobility Permit Section) at http://www.gohoustontx.gov/design/permits/Documents/ before implementing the traffic control plans, construction sequencing, and construction schedules with the application.
10. Contractor shall have approved traffic control plan and permit at the job site for inspection at all times.
11. During pavement surface restoration projects, the Contractor shall not open closed lanes until the pavement surface has cured enough to allow vehicular traffic according to City of Houston Standard Specifications.
12. The Contractor is responsible for scheduling and coordinating all construction activities with noise barriers in the vicinity according to City of Houston Police Department, Houston Fire Department and Metropolitan Transit Authority.
13. Contractor shall be responsible for issuing all work directives to all sub-contractors, utility companies, and all other entities performing construction work or associated with the project.
14. Nothing in these notes or plans shall relieve the Contractor of the responsibility for job site conditions during the course of construction of the project, including safety of all modes of transportation, pedestrians, and property, and that this requirement shall apply continuously and not be limited to working hours.
15. The Transportation & Drainage Operations (Mobility Permit Section) of the City Traffic Engineer have the right to demand the dismantling of additional traffic control devices or modifications of these plans and notes, as deemed necessary to promote the safe and orderly flow of traffic, including pedestrians and bicyclists, through the construction work zone. The Contractor shall comply with these additional requirements or modifications with due diligence.
16. All existing traffic signs and pavement markings shall be maintained in wash locations during construction unless prior written approval is obtained from the City Traffic Engineer. The Contractor shall remove or replace (at the discretion of the City Traffic Engineer) any pavement marking or sign during construction operations, including Temporary Pavement Markers (TPMs).
17. When entering or leaving roadway carrying public traffic, the Contractor's equipment whether empty or loaded shall be in all cases yield to public traffic with exception of Contractor provided certified flaggers/patrol officer.
18. Access to airrows adjacent to the construction work zone shall be maintained at all times as much as possible. Additional access requirements may be required to facilitate the airrows across roads through the construction zone. A minimum of one lane will be maintained across the airrows, unless prior written approval is obtained from City of Houston Project Manager.
19. Spillage resulting from hauling operations along or across any public street shall be removed immediately by the Contractor.
20. The Contractor shall submit an application for temporary paving restrictions if there are paving markers located at the proposed lane closures from Parking Management Division (632-355-0893) at least ten (10) business days before implementation of lane closure. In addition, temporary no parking signs shall be posted 24 hours prior to commencement of work.
21. All additional traffic control signs and pavement markings may be required to direct traffic where lanes are blocked at the discretion of the City Traffic Engineer even if they are not specifically identified on the project plans.
22. The Contractor shall replace within 72 hours, all traffic signal loop detectors damaged during construction.
23. In general, a color powered flashing arrow board shall be required on all major through-the-service lines. Exceptions to flashing arrow boards and implementation on residential lane shall be approved by City Traffic Engineer.
24. Approved traffic control plans shall be in place before starting any excavation.
LEGEND

ROAD WORK AHEAD
WC20-1
WC20-4
WC20-7
END ROAD WORK
DO NOT ENTER
ROAD CLOSED

MOUNTED ON TYPE B
BARRIERS IN TWO TYPE A FLASHING

NOTE:
1. MINOR WORK ONLY.
2. CONTRACTOR SHALL USE ONE-LANE ROAD CLOSURE
   AND DETOUR ROUTING FOR MAJOR OPERATIONS AND
   OVERNIGHT LANE CLOSURES.
3. FOR DIMENSIONS REFER TO SHEET 03152-01

STREET NAME

PHASE 1 OF 3
TYPICAL CONSTRUCTION ZONE
AT A T-INTERSECTION

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

TCP TYPICAL 3-WAY INTERSECTION
PHASE 1 OF 3

NOT TO SCALE

OFF DATE: JUL-01-2018
DWG NO.: 03152-06
PHASE 2 OF 3
TYPICAL CONSTRUCTION ZONE
FOR CONSTRUCTION AT A T-INTERSECTION
(NEAR SIDE - LEFT LANE CLOSURE)
MAX. 100' AT A TIME.

NOTE:
1. WORK ONLY.
2. CONTRACTOR SHALL USE ONE-LANE ROAD CLOSURE AND DETOUR ROUTING FOR MAJOR OPERATIONS AND UNEVENTFUL LANE CLOSURES.
3. FOR DIMENSIONS REFER TO SHEET 01512-01

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

TCP TYPICAL 3-WAY INTERSECTION
PHASE 2 OF 3

(CITY OF HOUSTON PUBLIC WORKS)

DATE: JUL-01-2018
DWG NO.: 01512-07
PHASE 3 OF 3
TYPICAL CONSTRUCTION ZONE
AT A 4 WAY-INTERSECTION
LOW VOLUME TRAFFIC
MAX. 100' AT A TIME.

NOTE:
1. WORK MAY OCCUR AT ANYTIME
2. CONTRACTOR SHALL USE A SINGLE LANE
   CLOSURE AT A TIME
3. FOR DIMENSIONS REFER TO SHEET 01512-01
PHASE 1 OF 4
TYPICAL CONSTRUCTION ZONE
AT A 4-WAY-INTERSECTION
LOW VOLUME TRAFFIC
MAX. 100' AT A TIME.

STREET NAME
(____ M.P.H.)

NOTE:
1. AVOID WORK ONLY.
2. CONTRACTOR SHALL USE ONE-LANE ROAD CLOSURE AND DETOUR ROUTING FOR MAJOR OPERATIONS AND OVERNIGHT LANE CLOSURES.
3. FOR DIMENSIONS REFER TO SHEET 01512-01

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

TCP 4-WAY INTERSECTION
PHASE 1 OF 4

(NOT TO SCALE)

SIGN
FLAGGER
APPROVED CHANNELIZATION DEVICE
TRAFFIC FLOW
BARRICADE
FLASHING ARROW PANEL

CITY ENGINEER

DID DATE: JUL-01-2018
DRAWING NO: 01512-09
PHASE 2 OF 4
TYPICAL CONSTRUCTION ZONE
AT A 4-WAY INTERSECTION
LOW VOLUME TRAFFIC
MAX. 100' AT A TIME.

NOTE:
1. WORK TO BE DONE ALONG ROADSIDE.
2. CONTRACTOR SHALL USE ONE-LANE ROAD CLOSURES AND DETOUR ROUTING FOR MAJOR OPERATIONS AND OPENEMPT LANE CLOSURES.
3. FOR DIMENSIONS REFER TO SHEET 01512-01
PHASE 3 OF 4
TYPICAL CONSTRUCTION ZONE
AT A 4 WAY-INTERSECTION
LOW VOLUME TRAFFIC
MAX. 100' AT A TIME.

NOTE:
1. WORK WORK ONLY.
2. CONTRACTOR SHALL USE ONE-LANE ROAD CLOSURE AND DETOUR ROUTING FOR MAJOR OPERATIONS AND OVERNIGHT LANE CLOSURES.
3. FOR DIMENSIONS REFER TO SHEET 01512-01

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
TCP 4-WAY INTERSECTION
PHASE 3 OF 4
(NOT TO SCALE)
PHASE 4 OF 4
TYPICAL CONSTRUCTION ZONE
FOR CONSTRUCTION AT A 4 WAY-INTERSECTION
LOW VOLUME TRAFFIC
MAX. 100' AT A TIME.