

GENERAL STRUCTURAL NOTES

PART IX - DRAWING INTERPRETATION

- A. DRAWING VIEWS LABELED AS "TYPICAL"
- PARTIAL PLANS, ELEVATIONS, SECTIONS, DETAILS, OR SCHEDULES LABELED WITH "TYPICAL" AT THE BEGINNING OF THEIR TITLE SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY SHOWN. THE APPLICABILITY OF THE CONTENT OF THESE VIEWS TO LOCATIONS ON THE PLAN CAN BE DETERMINED FROM THE TITLE OF THE VIEWS. SUCH VIEWS SHALL APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. DECISIONS REGARDING APPLICABILITY OF THESE "TYPICAL" VIEWS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER.
- B. STRUCTURAL ABBREVIATIONS AND NOTATIONS
- THE FOLLOWING ABBREVIATIONS AND NOTATIONS MAY APPEAR ON THE DRAWINGS:
- | | |
|----------------|---|
| @ | AT |
| # | NUMBER |
| APPROX | APPROXIMATE |
| BM | BEAM |
| CL | CENTERLINE |
| COL | COLUMN |
| CONC | CONCRETE |
| CSP | CONCRETE SURFACE PROFILE |
| CONT | CONTINUOUS |
| COORD | COORDINATE |
| DIM | DIMENSION |
| EA | EACH |
| EXIST | EXISTING |
| EXP | EXPANSION |
| F _c | CONCRETE STRENGTH |
| FV | FIELD VERIFY |
| FY | YIELD STRENGTH |
| GALV | GALVANIZE (D) |
| GEN | GENERAL |
| ICRI | INTERNATIONAL CONCRETE REPAIR INSTITUTE |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| QTY | QUANTITY |
| R | REACTION |
| REINF | REINFORCEMENT |
| SPA | SPACING |
| SQ | SQUARE |
| TI | TASK ITEM |
| TOC | TOP OF CONCRETE |
| TYP | TYPICAL |

PART X - QUANTITY TABLE

- A. POSSIBLE CHANGES IN QUANTITY OF WORK
- BIDDER UNDERSTANDS THAT THE QUANTITIES SPECIFIED HEREIN FOR THE REPAIRS ARE APPROXIMATE AND THAT ACTUAL QUANTITIES IN THE FIELD MAY INCREASE OR DECREASE FROM THE QUANTITIES ESTIMATED. BIDDER HERBY AGREES TO PERFORM ALL QUANTITIES OF WORK AS EITHER INCREASED OR DECREASED, AS REQUIRED BY THE ENGINEER IN ACCORDANCE WITH THE PROVISIONS OF THE CONSTRUCTION DOCUMENTS. THE FINAL PAYMENT TO THE BIDDER SHALL BE BASED ON THE LUMP SUM/UNIT PRICES BID AND THE ACTUAL QUANTITIES COMPLETED (FOR ITEMS THAT ARE NOT LUMP SUM).

- B. BID QUANTITIES: ASSUMED QUANTITIES FOR THE BID ITEMS SHOWN ON THE DRAWINGS ARE AS INDICATED IN THE BID TABLE BELOW:

| ITEM DESCRIPTION | UNIT | QUANTITY (PER GARAGE LEVEL) |
|---|------|-----------------------------|
| CONCRETE REPAIR (WITH EXPOSED REBAR) | S.F. | 100 |
| CONCRETE REPAIR (NO EXPOSED REBAR) | S.F. | 300 |
| CRACK SEALER (HAIRLINE CRACKS) | L.F. | 250 |
| CRACK EPOXY INJECTION | L.F. | 100 |
| CONCRETE CORBELS | EACH | 4 |
| STEEL BEARING PLATE REPLACEMENT (IF REQUIRED) | EACH | 8 |

DESCRIPTION OF ABBREVIATIONS:

- L.F. = LINEAL FEET
- S.F. = SQUARE FEET
- L.S. = LUMP SUM
- EA = EACH

PART XI - TEMPORARY SHORING

- EACH LEVEL OF THE BRIDGE STRUCTURE MUST BE SHORED UNTIL CORBELS ON THAT LEVEL ARE REPAIRED.
- SHORING SHALL BE DESIGNED AND CONFIGURED SO THAT ONLY THE LEVEL BEING REPAIRED CAN IMPART LOAD ONTO THE SHORING POSTS.
- REFER TO SHORING PLANS FOR PROPOSED SHORING POST LOCATIONS. EXACT PLACEMENT MUST BE DETERMINED AT THE JOB SITE TAKING INTO CONSIDERATION ALL EXISTING CONDITIONS AND IN COORDINATION WITH TRAFFIC CONTROL MEASURES AND ONGOING OPERATIONS IN UNITED AIRLINES BAGGAGE ROOM.
- REFER TO SHORING PLANS FOR REQUIRED DESIGN LOADS.
- SUBMIT SHOP DRAWINGS FOR SHORING SYSTEM INDICATING DESIGN CAPACITY AND PLACEMENT PROCEDURES. DRAWINGS SHALL BE SIGNED AND SEALED BY ENGINEER LICENSED IN STATE OF TEXAS.



HOUSTON AIRPORTS

TERMINAL C AT IAH - 16930 JFK BLVD
HOUSTON, TX 77032

IAH BRIDGE BEARINGS REPAIRS AT TERMINAL C

| | |
|------------|------------|
| C.I.P. No. | A.I.P. No. |
| C.O.H. No. | D.O.A. No. |



MWA ARCHITECTS

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DESIGNER PROJECT No.: 20-03
PROJECT STATUS: CONSTRUCTION DOCUMENTS

REVISIONS

| No. | DESCRIPTION | DATE | BY |
|-----|------------------------|------------|------|
| 1 | ISSUED FOR 60% REVIEW | 03/06/2020 | |
| 2 | ISSUED FOR 90% REVIEW | 04/17/2020 | |
| 3 | ISSUED FOR 95% REVIEW | 07/07/2020 | |
| 4 | ISSUED FOR 100% REVIEW | 07/31/2020 | |
| 5 | ISSUED FOR PERMIT | 09/10/2020 | HRSE |
| 6 | ISSUED FOR ADDENDUM 1 | 01/26/2021 | HRSE |

DESIGNER: ER
DRAWN BY: HT
CHECKED BY: ER
ISSUE DATE: 09/10/2020
APPROVED BY: Approver
APPROVAL DATE:

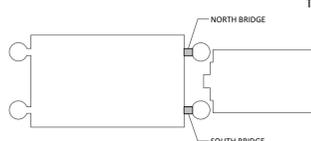
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

| | |
|---------------------------------|---|
| Review/ Approval Category | Henderson Rogers Structural Engineers, LLC TBPE Firm Registration No. 8755 |
| IFP Issued For Permit |  |

North



TRUE



NORTH BRIDGE

SOUTH BRIDGE

SHEET NAME: GENERAL NOTES

SHEET No. SF003 SCALE:

SHEET SIZE: 22"x34" ANSI-D

FILE PATH: G:\Users\harry.torres\Documents\Revit Local 2019\1320001_IAH C Garage Bridge Repair_R19_htorresB3C6Z.rvt
 HAS FILE:
 PLOT DATE:
 DOA DWG FILE:
 OLD DOA No.: