Corpus Christi Regional Transportation Authority

IFB No. 2021-FC-04
ADA Bus Stop Improvements Phase VII

ZONE 3
CONSTRUCTION DRAWINGS
EXHIBIT C-2

Prepared by
R. H. Shackleford, Inc.
CITY OF C.C. ADA BUS STOP IMPROVEMENTS PHASE VII
ZONE 3
JANUARY 2020

CALL BEFORE YOU DIG!
5151 FLYNN PKWY, SUITE #500
CORPUS CHRISTI, TX 78411
FIRM # F97045

LOCATION MAP
SCALE: 1"=50'
GENERAL NOTES:

3. DEMOLITION
A. ALL CONCRETE AND ASPHALT SHALL BE SAWD TO FULL DEPTH.
C. EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR REFERENCE ONLY AND DO NOT NECESSARILY REPRESENT THE ACTUAL LOCATION OF UTILITY SERVICE LINES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL UTILITIES SHOWN ON THE PLANS. BIRDSEYE ENGINEERING ASSUMES NO LIABILITY FOR EXISTING UTILITIES LOCATION OR ORIENTATIONS SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITIES OWNERS AND LOCATING ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WITH ANY CONSTRUCTION OPERATIONS.
D. CONTRACTOR SHALL NOT EXCEED THE LIMITS OF DEMOLITION INDICATED ON THE PLANS. EXCESS DEMOLITION WHICH IS DONE BY THE CONTRACTOR WITHIN THE PROJECT AREA WILL NOT BE PAID FOR. EXTRA CONSTRUCTION WORK THAT IS NOT SHOWN ON THE PLANS WILL BE UNPAID FOR PAYMENT OF DEMOLITION.

4. CONSTRUCTION
A. THE CONTRACTOR SHALL VISIT THE PROJECT SITE 10 TO 14 DAYS PRIOR TO THE START OF THE PROJECT TO DETERMINE LOCAL CONDITIONS AND PERFORM ACTIONS NECESSARY TO ASSURE THAT THE PROJECT IS PROPERLY CONDUCTED.
B. CONSTRUCTION OF NEW CURB AND GUTTER SHALL MATCH EXISTING CURB AND GUTTER AT EACH END OF CURB AND GUTTER, AND SHALL BE SLOPED UP TO PREVENT PONDING. PONDING MUST NOT BE MAINTAINED AND MUST NOT CAUSE PREPARED SURFACES TO BE DAMAGED OR DESTROYED. ALL PAVING, CURB AND GUTTER WORK MUST BE PERFORMED IN CONFORMITY WITH THE REQUIREMENTS OF THE CONSTRUCTION SPECIFICATIONS.
C. CONSTRUCTION OF NEW CURB AND GUTTER SHALL MATCH EXISTING EXCAVATION AT EACH END OF CURB AND GUTTER, AND SHALL BE SLOPED UP TO PREVENT PONDING. PONDING MUST BE MAINTAINED AND MUST NOT CAUSE PREPARED SURFACES TO BE DAMAGED OR DESTROYED. ALL PAVING, CURB AND GUTTER WORK MUST BE PERFORMED IN CONFORMITY WITH THE REQUIREMENTS OF THE CONSTRUCTION SPECIFICATIONS.
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5. COMPLIANCE WITH ADA AND TAS FOR ACCESSIBLE ROUTES

ADA BUS STOP IMPROVEMENTS PHASE VII DECEMBER 2010 GENERAL NOTES
REGIONAL TRANSPORTATION AUTHORITY
CORPUS CHRISTI, TX

Drawn By: MB
Approved By: KJ
Project No: 01
Scale: 1"=120'0"
Date: 12/19/2010
Revision: 01

Ad A Bus Stop Improvements Phase VII December 2010
General Notes
Regional Transportation Authority
Corpus Christi, TX
NOTE: TRANSITION PIECES WILL BE USED AT ALL PROPOSED TO EXISTING CONCRETE JUNCTIONS. TRANSITIONS SHALL BE NO LESS THAN 3 FT IN LENGTH. CONTRACTOR SHALL SELECT THE NEXT CLOSEST JOINT IN EXISTING SIDEWALK TO MAKE THE SHORTEST APPROPRIATE TRANSITION LENGTH. TRANSITIONS SHALL MATCH EXISTING GRADES ON ONE END AND PROPOSED GRADES AT THE OTHER AT A MAX 2% CROSS SLOPE.

SANTA FE

PAD REPAIR

REPLACE CURB & GUTTER

RELOCATE EXISTING RTA SIGN HERE

REPLACE CURB & GUTTER

SHARED 5' x 5' LANDING

SANTA FE @ BRAWNER PKWY (WEST) STOP # 372
CORPUS CHRISTI, TX

ADA BUS STOP IMPROVEMENTS
PHASE VII DECEMBER 2019

BRAWNER PKWY

BRAWNER PARK

EXISTING CURB & GUTTER

TRANSITION

MATCH EXISTING BRIDGE

EXISTING BENCHES TO BE REMOVED AND REPLACED BY RTA

BRAWNER PKWY

TRANSITION

EXISTING CURB & GUTTER

EXISTING CURB & GUTTER

6' x 6' LANDING

4' x 5' LANDINGS

TRANSITION
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ITEM | DESCRIPTION | QTY | UNIT
--- | --- | --- | ---
1 | New Ramp Section | 0 | SF
2 | New Landing Section | 0 | SF
3 | New Concrete Shelter Pad | 195 | SF
4 | New Sidewalk Section | 50 | SF
5 | New Curb & Gutter | 0 | LF
6 | Demolition of Existing Sidewalk | 125 | LF
7 | Demolition of Existing Curb and Gutter | 0 | LF
8 | Saw Cut Concrete Pavement (Full Depth) | 0 | LF
9 | Saw Cut Asphalt Pavement (Full Depth) | 0 | LF
10 | Pavement Repair | 0 | SF
11 | 6" Header Curb | 0 | LF
12 | Relocate Existing Bus Stop Signs | 1 | EA
13 | 12" Header Curb | 0 | LF
14 | Demolition of Existing 6" Curb | 0 | LF
15 | Bus Stop Striping | 45 | LF

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CALL BEFORE YOU DIG!

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**SANTA FE**
LEGEND

PROPOSED CONCRETE SHELTER PAD
PROPOSED DETECTABLE WARNING
PROPOSED EXISTING HEADER CURB
PROPOSED LIMITS OF DEMOLITION
PROPOSED PAVEMENT REPAIR
PROPOSED RAMP
REMOVAL & REPLACE CURB & GUTTER
EXISTING PROPOSED BUS-SIGN
EXISTING FIRE HYDRANT
EXISTING POWER POLE
EXISTING SANITARY SEWER MANHOLE
EXISTING STORM SEWER MANHOLE
EXISTING STEEL STREET LIGHT POLE
EXISTING SIGN
EXISTING TRASH CAN
EXISTING TXA BENCH
RIGHT OF WAY (R.O.W.)
EXISTING PENCE LINE

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LOCATION REMOVED

BY CCRFA

Revised: 01
Approved: 12/24/19

McARDLE @ NILE (F3) STOP #26
CORPUS CHRISTI, TX

CORPUS CHRISTI REGIONAL TRANSPORTATION AUTHORITY

C 26.0

ENGINEERING & PROJECT MANAGEMENT
5151 FYNN PKWY, STE #500
CORPUS CHRISTI, TX 78411
361-400-2929 F RM # F9767
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</tr>
<tr>
<td>9</td>
<td>Saw Cut Asphalt Pavement (Full Depth)</td>
<td>0</td>
<td>LF</td>
</tr>
<tr>
<td>10</td>
<td>Pavement Repair</td>
<td>0</td>
<td>SF</td>
</tr>
<tr>
<td>11</td>
<td>6&quot; Header Curb</td>
<td>50</td>
<td>LF</td>
</tr>
<tr>
<td>12</td>
<td>Relocate Existing Bus Stop Signs</td>
<td>0</td>
<td>EA</td>
</tr>
<tr>
<td>13</td>
<td>12&quot; Header Curb</td>
<td>0</td>
<td>LF</td>
</tr>
<tr>
<td>14</td>
<td>Demolition of Existing 6&quot; Curb</td>
<td>0</td>
<td>LF</td>
</tr>
<tr>
<td>15</td>
<td>Bus Stop Striping</td>
<td>60</td>
<td>LF</td>
</tr>
</tbody>
</table>

**NOTE:** TRANSITION PIECES WILL BE USED AT ALL PROPOSED TO EXISTING CONCRETE JUNCTIONS. TRANSITIONS SHALL BE NO LESS THAN 3 FT IN LENGTH. CONTRACTOR SHALL SELECT THE NEXT CLOSEST JOINT IN EXISTING SIDEWALK TO MAKE THE SHORTEST APPROPRIATE TRANSITION LENGTH. TRANSITIONS SHALL MATCH EXISTING GRADES ON ONE END AND PROPOSED GRADES AT THE OTHER AT A MAX 2% CROSS SLOPE.

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**Legend:**
- Proposed Concrete Shelter Pad
- Proposed Detectable Warning
- Proposed Existing Header Curb
- Proposed Limits of Demolition
- Proposed Pavement Repair
- Proposed Ramp
- Proposed Sidewalk/Landing
- Remove & Replace Curb and Gutter
- Existing/Proposed Bus Stop
- Existing Fire Hydrant
- Existing Power Pole
- Existing Sanitary Sewer Manhole
- Existing Storm Sewer Manhole
- Existing Topo Elevation
- Existing Sign
- Existing Trash Can
- Existing RTA Bench
- Right of Way (ROW)
- Existing Fence Line
NOTE: TRANSITION PIECES WILL BE USED AT ALL PROPOSED TO EXISTING CONCRETE JUNCTIONS. TRANSITIONS SHALL BE NO LESS THAN 3 FT IN LENGTH. CONTRACTOR SHALL SELECT THE NEXT CLOSEST JOINT IN EXISTING SIDEWALK TO MAKE THE SHORTEST APPROPRIATE TRANSITION LENGTH. TRANSITIONS SHALL MATCH EXISTING GRADES ON ONE END AND PROPOSED GRADES AT THE OTHER AT A MAX 2% CROSS SLOPE.
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GENERAL NOTES
1. ALL SLOPES ARE MAXIMUM ALLOWABLE. THE LEAST POSSIBLE SLOPES THAT WILL
STILL DRAIN PROPERLY SHOULD BE UTILIZED.
2. PLACEMENT OF GROUND OR ILLUMINATION POLES, GROUND ROSES, CONTROLLER
ROSES, SIGN, BARRIER POSTS, AND OTHER ITEMS TO BE CONSISTENT WITH THE
ACCESSIBLE ROUTE OR CLEAR GROUND SPACE.
3. THE MAXIMUM ALLOWABLE SIDEWALK SLOPE SLOPES SLOPE SHOWN.
4. STREET GRATES AND CATCH-BASINS SHALL BE AS SHOWN ELSEWHERE IN THE
PLANS.
5. DETAIL REQUIREMENTS THAT COMPLY WITH THE AIA MAY REMAIN IN PLACE UNLESS
OTHERWISE SHOWN ON THE PLANS.
6. CHANGES IN LEVELS CLEARER THAN 1/8 INCH ARE NOT PERMITTED.
7. THE LEAST POSSIBLE SLOPE SHOULD BE UTILIZED TO MAXIMIZE ACCESSIBILITY. THE
PLANNING SLOPE OF SIDEWALKS AND VARIOUS ITEMS WITHIN THE PUBLIC
RIGHT-OF-WAY MAY AFFECT THE PLACEMENT OF THE PARAPET, POLE, LIGHT, DRAIN, OR
SIGNS. ANY ABANDONED DEPTH OR WIDTH OF FILL SHOULD BE DEEMED TO BE
ABANDONED ON OR BOTH SIDES OF THE SDLATION TO IMPROVE ACCESSIBILITY.
HOSPITALITY MAY BE REQUIRED TO MAINTAIN ACCESSIBILITY FROM POTENTIALLY
HAPHAZARDS OR HAZARD CONDITIONS AT PROVISO, HOSPITALITY MUST COMPLY WITH THE AIA.
8. SIDEWALKS EXTENDING INTO THE CURED LANDING AREA OF INTERSECTING PEDESTRIAN
ROUTES.
9. SIDEWALK DETAILS ARE SHOWN ELSEWHERE IN THE PLANS.
TOP (2-2a)
2-LANE ROADWAY WITHOUT PAVED SHOULders
ONE LANE TWO-WAY
CONTROL WITH YIELD SIGNS

TOP (2-2b)
2-LANE ROADWAY WITHOUT PAVED SHOULders
ONE LANE TWO-WAY
CONTROL WITH FLAGGERS

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**General Notes**

1. Flag attached to signs when shown, see Schedule.

2. All traffic control devices-Bulbous are As-Built, except those denoted with the triangle symbol.

3. Any other traffic control devices not shown or not depicted herein, are to be installed and maintained as approved by the Engineer.

4. The sign "CHS-1-4 PREPARED TO STOP" should be installed after the CHS-1-4 "ONE LANE ROAD 100 FT" sign, but proper age spacing should be maintained.

5. The sign "CHS-1-1 PREPARED TO STOP" should be installed after the CHS-1-1 "ONE LANE ROAD 100 FT" sign, but proper age spacing should be maintained.

6. Shading Vehicle with 34" Taller should be protected 30 to 100 feet

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**ADA Bus Stop Improvements**

**Phase VII January 2020**

TXDOT Traffic Control Standards 1 of 2 Regional Transportation Authority

Corpus Christi, Texas

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**Traffic Control Plan**

One-Lane Two-Way Traffic Control

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