Appendix A

Design Engineering Plans

Volume C
AT GRADE TYPICAL CROSSING

- PROPOSED TRACK 2 (NORTH BOUND)
- PROPOSED TRACK 1 (SOUTH BOUND)
- 6" WALL UNDERDRain (TYP)
- BALLAST (TYP)
- 12" Sub-Ballast (TYP)
- 6" Lime Treated Subgrade (TYP)
- Concrete Encased Duct Bank (IF REQUIRED)
- Duct Bank
- Concrete Encased Duct Bank (TYP)
- Filter Fabric (TYP)
- Filter Fabric (TYP)
- 24:1

MATERIAL
FILLER
VARIES 6' TO 10'
VARIES 8' TO 10'
10'-5" AT GRADE TYPICAL CROSSING

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

IN-PROGRESS

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

TYPICAL SECTION SHEET 1 OF 1

DART PROJECT

ICONIC CONSULTING GROUP, INC.

JEFFREY BRISCOE, P.E. NO. 99558

ON 02/02/2018

ICONIC CONSULTING GROUP, INC.

FOR THE PURPOSE OF REVIEW UNDER THE
TBPE FIRM NO. F-10715

CONTRACT SHEET NO.

OTC-3030

10'-0" IN-PROGRESS
12" MIN.
4'-0" MIN.
10" VARIES 8'-0" TO 10'-0"
VARIES 8'-0" TO 10'-0"
10'-5"

PAVEMENT
CONCRETE TIE
10'-0"

Pavement

D. CLARKE
K. WAGNER
J. BRISCO
NOTE:
1. SEE Dwg NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS
   AND ADDITIONAL NOTES.

LEGEND

- STREET/ALLEY/DRIVE RECONSTRUCTION
- GRADE CROSSING PANEL

SCALE: NTS
CENTER LINE

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOT IN PROGRESS

CONTRACT SHEET NO. 737 OR 873

COITTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

STREET MODIFICATION PLAN
KNOLL TRAIL DRIVE

SCALE: 1:200

1" = 40'

KNOLL TRAIL DRIVE

SCALE: 1" = 200'
For the purpose of review under the authority of:

ICONIC CONSULTING GROUP, INC.

ON 02/02/2018

JEFFREY BRISCOE, P.E.

NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

SCALE: NTS
CENTER LINE
8" LIME STABILIZED SUBGRADE

SCALE  (IN  FEET )
0 20 40 80

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

IN-PROGRESS

NOT REQUIRED TO REVERSE
FOR PERFORMANCE OF DESIGN
UNDER THE AUTHORITY
OF ICONIC CONSULTING GROUP, INC.

REMAIN OF DRAWING TO BE HANDLED AS AGREED
WITH CUSTOMER, F.P.I., DART.

DART PROJECT

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

STREET MODIFICATION PLAN
DAVENPORT ROAD WEST

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NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

LEGEND:
- SPECIAL/ALL LINE RECONSTRUCTION
- SKATE CROSSING PANEL

SCALE: NTS

IN-PROGRESS

STREET MODIFICATION PLAN
CAMPBELL ROAD

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

LEGEND:
- STREET/ALLEY/DRIVE RECONSTRUCTION
- GRADE CROSSING PANEL

IN-PROGRESS
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

DART PROJECT
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
STREET MODIFICATION PLAN
DAVENPORT ROAD (EAST)

ICONIC CONSULTING GROUP, INC.
gpc

© DART, all rights reserved, 1987-2018
DART, all rights reserved, 1987-2018
HILLCREST ROAD CURVE DATA
PI STATION = 8+59.03
DELTA = 124.02
DEGREE OF CURVE = 8° 56' 35.60"
LENGTH = 246.21
RADIUS = 830.32
PC STATION = 7+35.01
PT STATION = 9+81.23

NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

SCALE: NTS

LEGEND
1" = 40'

HILLCREST ROAD CURVE DATA

HILLCREST ROAD

PI STATION = 8+59.03
DELTA = 124.02
DEGREE OF CURVE = 8° 56' 35.60"
LENGTH = 246.21
RADIUS = 830.32
PC STATION = 7+35.01
PT STATION = 9+81.23

NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

SCALE: NTS

LEGEND
1" = 40'

HILLCREST ROAD
NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

---

**McCALLUM BOULEVARD**

**GRADE CROSSING PANEL**

---

**NOTE:**

1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.
NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

LEGEND
- STREET/ALLEY/DRIVE RECONSTRUCTION
- GRADE CROSSING PANEL

CONSTRUCTION NOTES:
- MEANDERING WAY CURVE DATA
  - PI STATION = 12+64.35
  - DELTA DELAY = 86.00
  - LENGTH = 168.26
  - PC STATION = 11+78.35
  - PT STATION = 13+46.61

MEANDERING WAY CURVE DATA
- CENTER LINE
- 8" LIME STABILIZED SUBGRADE
- 2% SLOPE
- 2'-0"

IN-PROGRESS
- PER CITY OF DALLAS 2010 STANDARD CONSTRUCTION PAVING DETAILS

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

ICONIC CONSULTING GROUP, INC.

DART PROJECT
- COTTON BELT REGIONAL RAIL SYSTEM
- LINE SECTION CB-3
- STREET MODIFICATION PLAN
- MEANDERING WAY

DATE: FEB 02 2018

CONTRACT SHEET NO.: 743

REV: 1
DICKERSON STREET CURVE DATA

PC STATION = 7+99.73
PT STATION = 9+98.86
PI STATION = 12+07.26
DELTA TANGENT = 208.40
LENGTH = 398.60
RADIUS = 552.99
PC STATION = 9+98.86
PT STATION = 13+97.46

NOTE:
1. SEE Dwg No. CC6-3001 and GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

LEGEND
STREET/ALLEY/DRIVE RECONSTRUCTION
GRADE CROSSING PANEL

DIAGRAM

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

ICONIC CONSULTING GROUP, INC.
DART PROJECT

NOT FOR CONSTRUCTION OR CONSTRUCTION WITHOUT DESIGNER'S SUPERVISION

IN-PROGRESS

DICKERSON STREET
SCALE: 1" = 40'
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

SCALE:  1"=40'

NOTE:
1. SEE Dwg No. CC6-3001 and GC1-0003 FOR ABBREVIATIONS
AND ADDITIONAL NOTES.

LEGEND

STREET/ALLEY/DRIVE RECONSTRUCTION
GRADE CROSSING PANEL

EXISTING WATERVIEW PKWY ROW

PROPOSED SIDEWALK

PROPOSED RETAINING WALL

EXISTING WATERVIEW PKWY ROW

WATERVIEW PARKWAY

STEWART DRIVE

SCALE (IN FEET)

1"=40'

WATERVIEW PARKWAY CURVE DATA

PI STATION:  11+79.20

DEGREE OF CURVE:  5° 42' 48.66"

LENGTH:  228.20

RADIUS:  1,000.00

PC STATION:  11+00.00

FCS STATION:  11+60.00

EXISTING WATERVIEW PKWY ROW

EXISTING WATERVIEW PKWY ROW

EXISTING WATERVIEW PKWY ROW

EXISTING WATERVIEW PKWY ROW

EXISTING WATERVIEW PKWY ROW

EXISTING WATERVIEW PKWY ROW

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EXISTING WATERVIEW PKWY ROW

EXISTING WATERVIEW PKWY ROW
NOTE:
1. See DD No. CC6-3007 and G1-1000 for abbreviations and additional notes.
2. RUTFORD AVENUE from DART Existing Row to Waterview and Additional Notes.

1. SEE DD NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS NOTE:
2. RUTFORD AVENUE FROM DART EXISTING ROW TO WATERVIEW AND ADDITIONAL NOTES.

1. SEE DD NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS NOTE:
2. RUTFORD AVENUE FROM DART EXISTING ROW TO WATERVIEW AND ADDITIONAL NOTES.

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1. SEE DD NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS NO
NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

LEGEND:
- STREET/ALLEY/DRIVE RECONSTRUCTION
- GRADE CROSSING HEADER

SCALE: 1"=40'  

**CUSTER PARKWAY**

<table>
<thead>
<tr>
<th>SCALE</th>
<th>NTS</th>
</tr>
</thead>
</table>

1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

IN-PROGRESS

NOT DRAWN TO SCALE

NOTE:
1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

LEGEND:
- STREET/ALLEY/DRIVE RECONSTRUCTION
- GRADE CROSSING HEADER

SCALE: 1"=40'

**CUSTER PARKWAY**

<table>
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<th>SCALE</th>
<th>NTS</th>
<th></th>
</tr>
</thead>
</table>

1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.
**Description**

- **Location:** SH 190 EB Frontage Road
- **Scope:** Traffic modifications and infrastructure improvements
- **Details:**
  - Proposed sidewalk
  - Existing sidewalk
  - Proposed retaining wall
  - Existing retaining wall
  - Proposed utility lines
  - Existing utility lines
- **Notations:**
  - **NOT AN APPROVED DRAWING**
  - **PRELIMINARY 10% DESIGN**
  - **IN-PROGRESS**
  - **IN CHARGE:**
    - J. BRISCOE, P.E.
  - **DESIGNED:**
    - D. CLARKE
  - **DRAWN:**
    - D. KING
  - **CHECKED:**
    - K. WAGNER
  - **IN-PROGRESS:**
    - SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

---

**NOTES**

- **SCALE:** 1" = 40' ±
- **GRADE CROSSING PANEL**
- **LINE SECTION CB-3**
- **COITON BELT REGIONAL RAIL SYSTEM**
- **PROJECT:** TEAM
- **CONTRACT SHEET No.:** 752 of 873
Street Modification Plan

Municipal Avenue Curved Data

<table>
<thead>
<tr>
<th>PI Station</th>
<th>PI 10+80.71</th>
</tr>
</thead>
<tbody>
<tr>
<td>DELTA</td>
<td>8+83.29</td>
</tr>
<tr>
<td>TANGENT</td>
<td>10+82.43</td>
</tr>
<tr>
<td>DEGREE OF CURVE</td>
<td>21° 45' 56.67&quot;</td>
</tr>
<tr>
<td>LENGTH</td>
<td>201.17</td>
</tr>
<tr>
<td>RADII</td>
<td>450.00</td>
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</tbody>
</table>

**Note:**
1. See DWG NO. CC6-3022 and GG1-0023 for abbreviations and additional notes.

**Legend:**
- SPECIFIED DRIVE RECONSTRUCTION
- SIDEWALK CROSSING PANEL

**Legend Details:**
- STREET/ALLEY/DRIVE RECONSTRUCTION
- GRADE CROSSING PANEL
- NO.3 BARS @ 24" C-C
- 8" REINF CONC PVMT WITH OTHERS

**Municipal Avenue Curve Data:**
- PI Station = 10+80.71
- PI = 8+83.29
- Delta = 10+82.43
- Tangent = 21° 45' 56.67"
- Degree of Curve = 450.00
- Length = 201.17
- Radius = 450.00

**Proposed Retaining Wall:**
- With others
- Trail in cooperation
- Existing track to be removed
- Proposed track to be removed

**Proposed Sidewalk:**
- Proposed
- Existing Municipal Ave Row
- Existing Municipal Ave Row
- Existing Municipal Ave Row

**End of Reconstruction:**
- 12 Street
- Municipal Avenue

**Street/Alley/Drive Reconstruction:**
- Municipal Avenue
- Municipal Avenue
- Municipal Avenue

**Existing Row:**
- Existing Municipal Ave Row
- Existing Municipal Ave Row
- Existing Municipal Ave Row

**Proposed Sidewalk:**
- Proposed
- Existing Municipal Ave Row
- Existing Municipal Ave Row

**Proposed Track:**
- Proposed track to be removed
- Proposed track to be removed
- Proposed track to be removed

**Slope:**
- 2% slope
- 2% slope
- 2% slope

**Note:**
- See DWG NO. CC6-3022 and GG1-0023 for abbreviations and additional notes.

**Legend:**
- SPECIFIED DRIVE RECONSTRUCTION
- SIDEWALK CROSSING PANEL

**Legend Details:**
- STREET/ALLEY/DRIVE RECONSTRUCTION
- GRADE CROSSING PANEL
- NO.3 BARS @ 24" C-C
- 8" REINF CONC PVMT WITH OTHERS

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- Proposed
- Existing Municipal Ave Row
- Existing Municipal Ave Row
- Existing Municipal Ave Row

**End of Reconstruction:**
- 12 Street
- Municipal Avenue

**Street/Alley/Drive Reconstruction:**
- Municipal Avenue
- Municipal Avenue
- Municipal Avenue

**Existing Row:**
- Existing Municipal Ave Row
- Existing Municipal Ave Row
- Existing Municipal Ave Row

**Proposed Sidewalk:**
- Proposed
- Existing Municipal Ave Row
- Existing Municipal Ave Row

**Proposed Track:**
- Proposed track to be removed
- Proposed track to be removed
- Proposed track to be removed

**Slope:**
- 2% slope
- 2% slope
- 2% slope
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

1. SEE DWG NO. CC6-3001 AND GC1-0003 FOR ABBREVIATIONS AND ADDITIONAL NOTES.

SCALE: NTS
1" = 40'
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES:
1. SPAN LENGTH AND VERTICAL PROFILE ARE SHOWN ALONG THE CENTERLINE OF THE CB-3 NORTHBOUND TRACK.
2. FOR ALIGNMENT CURVE DATA, SEE GUIDEWAY PLAN AND PROFILE DRAWINGS.
3. FOR ALL EXISTING UTILITY INFORMATION SEE THE EXISTING UTILITY COMPOSITE DRAWINGS.
4. DENOTES STRUCTURE TYPE, SEE TYPICAL SECTION DRAWINGS FOR DETAILS ON PIER, BRIDGE BEAMS AND DECK.
5. FOR PRE-ENGINEERING PLANS ATTEMPT TO DEFINE SPAN LENGTHS AND PIER LOCATIONS SIMILAR TO EXISTING UTILITY COMPOSITE DRAWINGS.
6. FOR ALL EXISTING UTILITY INFORMATION SEE THE EXISTING UTILITY COMPOSITE DRAWINGS.
7. 100-YEAR WSEL IS FROM 5% PLANS. FINAL DESIGN ENGINEER SHALL VERIFY VALUE.
8. THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF:
   CASSANDRA WALLOF, P.E. NO. 120398
   ON 02/02/2018
   FOR THE PURPOSE OF REVIEW UNDER THE ENGINEER SHALL VERIFY VALUE.
   TBPE FIRM NO. F-754
   ON 02/02/2018
   THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF:
   ONCOR OH&E
   AT MCKAMY BRANCH
   ONCOR OH&E
   PROPOSED BEGIN SOUND WALL STA 3100+00
   ONCOR OH&E
   ONCOR OH&E
   PROPOSED BEGIN SOUND WALL STA 3100+00
   ONCOR OH&E
   ONCOR OH&E
   PROPOSED BEGIN SOUND WALL STA 3100+00
   ONCOR OH&E
   PROPOSED BEGIN SOUND WALL STA 3100+00

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
BRIDGE CB-3 MCKAMY BRANCH STRUCTURE
PLAN AND ELEVATION
SHEET 1 OF 1

COOK-226
DATE
IN-PROGRESS
NOTES:
1. SPAN LENGTH AND VERTICAL PROFILE ARE SHOWN ALONG THE CENTERLINE OF THE CB-3 NORTHBOUND TRACK.
2. FOR ALIGNMENT CURVE DATA, SEE GUIDEWAY PLAN AND PROFILE DRAWINGS.
3. FOR ALL EXISTING UTILITY INFORMATION SEE THE EXISTING UTILITY COMPOSITE DRAWINGS.
4. FOR PRE-ENGINEERING PLANS ATTEMPT TO DEFINE SPAN LENGTHS AND PIER LOCATIONS SIMILAR TO EXISTING UTILITY COMPOSITE DRAWINGS.
5. FOR ALL EXISTING UTILITY INFORMATION SEE THE EXISTING UTILITY COMPOSITE DRAWINGS.
6. 100-YEAR WSEL IS FROM 5% PLANS. FINAL DESIGN ENGINEER SHALL VERIFY VALUE.

DART PROJECT
COOK-226
DATE
IN-PROGRESS
NOTES:
1. SPAN LENGTH AND VERTICAL PROFILE ARE SHOWN ALONG THE CENTERLINE OF THE CB-3 NORTHBOUND TRACK.
2. FOR ALIGNMENT CURVE DATA, SEE GUIDEWAY PLAN AND PROFILE DRAWINGS.
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HDR ENGINEERING, INC.
CASSANDRA WALLOF, P.E. NO. 120398
ON 02/02/2018
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF:
ONCOR OH&E
AT MCKAMY BRANCH
ONCOR OH&E
PROPOSED BEGIN SOUND WALL STA 3100+00
ONCOR OH&E
ONCOR OH&E
PROPOSED BEGIN SOUND WALL STA 3100+00
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ONCOR OH&E
PROPOSED BEGIN SOUND WALL STA 3100+00

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
BRIDGE CB-3 MCKAMY BRANCH STRUCTURE
PLAN AND ELEVATION
SHEET 1 OF 1

COOK-226
DATE
IN-PROGRESS
NOTES:
1. SPAN LENGTH AND VERTICAL PROFILE ARE SHOWN ALONG THE CENTERLINE OF THE CB-3 NORTHBOUND TRACK.
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DART PROJECT
COOK-226
DATE
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6. 100-YEAR WSEL IS FROM 5% PLANS. FINAL DESIGN ENGINEER SHALL VERIFY VALUE.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES
1. FOR ALL EXISTING UTILITY INFORMATION SEE THE
EXISTING UTILITY COMPOSITE DRAWINGS.
2. STRUCTURE TYPE, SEE TYPICAL SECTION
DRAWN ON SEPARATE SHEETS.
3. STRUCTURAL ENGINEERING PLANS ATTEMPT TO DEFINE SPAN
LOOKING AND SIZE LOCATION. FINAL DESIGN PROPOSAL
WILL BE RESPONSIBLE FOR CHECKING FINAL SIZE, LOOKING
AND LOCATION.

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
BRIDGE CB-6 COTT ROAD
STRUCTURE
PLAN AND ELEVATION
SHEET 1 OF 1

SCALE (IN FEET)

1" = 40'
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES:
1. SPAN LENGTH AND VERTICAL PROFILE ARE SHOWN ALONG THE CENTERLINE OF THE CB-3 NORTHBOUND TRACK.
2. FOR ALIGNMENT CURVE DATA, SEE GUIDEWAY PLAN AND PROFILE DRAWINGS.
3. FOR ALL EXISTING UTILITY INFORMATION SEE THE EXISTING UTILITY COMPLETE DRAWINGS.
4. PROPOSED STRUCTURE TYPE, SEE TYPICAL SECTION DRAWINGS FOR DETAILS ON PIER, BRIDGE BEAMS AND DECKS.
5. FOR PRE-ENGINEERING PLANS ATTEMPT TO DEFINE SPAN LENGTH AND PIER LOCATIONS SIMILAR TO EXISTING BRIDGE GEOMETRY. FINAL DESIGN ENGINEER WILL BE RESPONSIBLE FOR CONFIRMING FINAL TYPE, SIZE AND LOCATION.

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
BRIDGE CB-7 SYNERGY PARK BLVD
STRUCTURE
PLAN AND ELEVATION
SHEET 1 OF 1

M. McKIBBIN
C. WALLOF
R. BATEMAN

HDR ENGINEERING, INC.

02 FEB 18

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IN-PROGRESS REVIEW
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
BRIDGE CB-7 SYNERGY PARK BLVD
STRUCTURE PLAN AND ELEVATION SHEET 1 OF 1
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES:
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3. FOR ALL EXISTING UTILITY INFORMATION SEE THE EXISTING UTILITY COMPOSITE DRAWINGS.
4. DESIGNS STRUCTURE TYPE, SEE TYPICAL SECTION DRAWINGS FOR DETAILS ON PIER, BRIDGE BEAMS AND TENDERS.
5. THE PRE-ENGINEERING PLANS ATTEMPT TO DEFINE SPAN LENGTHS AND PIER LOCATIONS. FINAL DESIGN ENGINEER WILL BE RESPONSIBLE FOR CONFIRMING FINAL PIER, SPAN AND LOCATION.

1. 100-YEAR WSEL IS FROM 5% PLANS. FINAL DESIGN ENGINEER SHALL VERIFY VALUE.

C. WALLOF
R. BATEMAN
M. McKIBBIN

1" = 40'
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
BRIDGE CB-3-10 US-75
STRUCTURE
PLAN AND ELEVATION
SHEET 4 OF 4

NOTES:
1. SPAN LENGTH AND VERTICAL PROFILE ARE SHOWN ALONG THE CENTERLINE OF THE CB-3 NORTHBOUND TRACK.
2. FOR ALIGNMENT CURVE DATA, SEE GUIDEWAY PLAN AND PROFILE DRAWINGS.
3. FOR ALL EXISTING UTILITY INFORMATION SEE THE EXISTING UTILITY COMPOSITE DRAWINGS.
4. FOR STRUCTURE TYPE, SEE TYPICAL SECTION DRAWINGS FOR DETAILS ON PIER, DECK, BEAMS AND DESIGN.
5. FOR PRE-ENGINEERING PLANS, ENGINEER SHALL VERIFY VALUE.

(1) 100-YEAR WSEL IS FROM 5% PLANS. FINAL DESIGN ENGINEER WILL BE RESPONSIBLE FOR CONFIRMING FINAL TYPE, SIZE AND ELEVATION.

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4. FOR STRUCTURE TYPE, SEE TYPICAL SECTION DRAWINGS FOR DETAILS ON PIER, DECK, BEAMS AND DESIGN.

(1) 100-YEAR WSEL IS FROM 5% PLANS. FINAL DESIGN ENGINEER WILL BE RESPONSIBLE FOR CONFIRMING FINAL TYPE, SIZE AND ELEVATION.
NOTES:

1. BRIDGES LOCATED APPROXIMATELY AT
   STA 3336+00 TO STA 3347+87 (WHITE ROCK CREEK)
   STA 3335+38 TO STA 3335+88 AND
   STA 3046+20 TO STA 3047+67 (WHITE ROCK CREEK)

2. DESIGN LINES FROM COOPER EDGE

1. BRIDGES LOCATED APPROXIMATELY AT
   STA 3336+00 TO STA 3347+87 (WHITE ROCK CREEK)
   STA 3335+38 TO STA 3335+88 AND
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2. DESIGN LINES FROM COOPER EDGE

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

1. BRIDGES LOCATED APPROXIMATELY AT
   STA 3007+90 TO STA 3011+03 (SYNERGY PARK BLVD)
   STA 3292+97 TO STA 3304+08 (SYNERGY PARK BLVD, NB TRACK)
   STA 3302+74 TO STA 3304+08 (W RENNER RD, NB TRACK)
   STA 3335+00 TO STA 3337+08 (DALLAS NORTH TOLLWAY)

2. DESIGN LOADS: AREMA COOPER E80

3. NOT TO SCALE

SYNERGY PARK BLVD AND W. RENNER BLVD.

** SB TRACK IS AN EXISTING BRIDGE AT DALLAS NORTH TOLLWAY,
* NB TRACK IS AN EXISTING BRIDGE AT DALLAS NORTH TOLLWAY,
SYNERGY PARK BLVD AND W. RENNER RD.

CONSTRUCTION HISTORY:
- CONSTRUCTION
- REVAMPS
- CUSTOMER
- MPE
- SUBMIT
- DRAFT
- SUBMIT
- RELEASE
- APPROVAL
- FINAL
- COMPLETED

CONTRACT SHEET No. CB-3

IN-PROGRESS
PRELIMINARY
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

DART PROJECT
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
STRUCTURE TYPE B4

TYPICAL SECTION 1
TYPICAL PIER ELEVATION 2

NOT TO SCALE
FINISHED GRADE
DRILLED SHAFT
COLUMN
BALLAST
TOP OF RAIL
CONCRETE TIE
PIER

1. BRIDGES LOCATED APPROXIMATELY AT
   STA 3007+90 TO STA 3011+03 (SYNERGY PARK BLVD)
   STA 3292+97 TO STA 3304+08 (SYNERGY PARK BLVD, NB TRACK)
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CONSTRUCTION HISTORY:
- CONSTRUCTION
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- MPE
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CONTRACT SHEET No. CB-3

IN-PROGRESS
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PRELIMINARY 10% DESIGN

DART PROJECT
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
STRUCTURE TYPE B4

TYPICAL SECTION 1
TYPICAL PIER ELEVATION 2

NOT TO SCALE
FINISHED GRADE
DRILLED SHAFT
COLUMN
BALLAST
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CONTRACT SHEET No. CB-3

IN-PROGRESS
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NOT AN APPROVED DRAWING
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DART PROJECT
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
STRUCTURE TYPE B4

TYPICAL SECTION 1
TYPICAL PIER ELEVATION 2

NOT TO SCALE
FINISHED GRADE
DRILLED SHAFT
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TOP OF RAIL
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DART PROJECT
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
STRUCTURE TYPE B4

TYPICAL SECTION 1
TYPICAL PIER ELEVATION 2

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DRILLED SHAFT
COLUMN
BALLAST
TOP OF RAIL
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PIER

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COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
STRUCTURE TYPE B4

TYPICAL SECTION 1
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LINE SECTION CB-3
STRUCTURE TYPE B4

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CONTRACT SHEET No. CB-3

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DART PROJECT
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
STRUCTURE TYPE B4

TYPICAL SECTION 1
TYPICAL PIER ELEVATION 2

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FINISHED GRADE
DRILLED SHAFT
COLUMN
BALLAST
TOP OF RAIL
CONCRETE TIE
PIER
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOT TO SCALE

1. BRIDGE LOCATED APPROXIMATELY AT STATION 3405+47 TO 3409+98 (US-75)
2. DESIGN LOADS: AREMA COOPER E80

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2. DESIGN LOADS: AREMA COOPER E80

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOT TO SCALE

1. BRIDGE LOCATED APPROXIMATELY AT STATION 3405+47 TO 3409+98 (US-75)
2. DESIGN LOADS: AREMA COOPER E80
CUT WALL TYPICAL SECTION - DRILLED SHAFT
WALLS GREATER THAN 5 FEET TALL

CUT WALL TYPICAL SECTION - SHEET PILE
WALLS 5 FEET TALL OR LESS

FILL WALL TYPICAL SECTION - T-WALL

NOTE:
SEE TRACK TYPICAL SECTIONS FOR ADDITIONAL INFORMATION.

NOTE:
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
RETAINING WALL
STRUCTURAL DETAILS

IN-PROGRESS
REVIEW

DART PROJECT
HDR

GMC

C. WALLOF
R. BATEMAN
W. NEWELL

NO SCALE
SC8-3008
1/29/2018
### AREA OF DRAINAGE

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### DRAINAGE AREA CALCULATIONS

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NOTES:

1. FOR HORIZONTAL AND VERTICAL GEOMETRY, SEE HORIZONTAL AND VERTICAL PLAN AND PROFILE SHEETS.

2. UTILITY INFORMATION IS BASED UPON EXISTING UTILITY PLANS PROVIDED BY CITY OF DALLAS, CITY OF RICHARDSON, CITY OF DALLAS, AND TOWN OF ADDISON. THE EXISTENCE OF OTHER UG FACILITIES, ENCASEMENT AND DEPTH, AND DAMAGE TO EXISTING CONDUITS CANNOT BE GUARANTEED EXCEPT BY FIELD MEASUREMENT. FINAL DESIGNER SHALL VERIFY.

3. EXISTING DRAINAGE SYSTEMS WHICH ENCROSS THE DART SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT EARTH AND UTILITY COMPANY REQUIREMENTS.

4. ALL ELECTRICAL, TELEPHONE, GAS LINE, AND COMMUNICATION CABLES ARE CONSIDERED PRIVATE UTILITIES AND WILL BE RELACED BY OTHERS.

5. FINAL DESIGNS SHALL HONOR THE WIDTH OF ALL WEIGHT CABLE CROSSINGS AND PERMIT ONE FOR ALL LOW VOLTAGE, WATER, LADDER UPDATE, GAS, AND CABLE LINES CROSSING UNDER TRACKS TO ENSURE SAFE OPERATING CONDITIONS.

6. EXISTING DRAINAGE SYSTEMS AND UNDERGROUND UTILITIES SHOWN ON CLIENT PROVIDED INFORMATION.

IN-PROGRESS

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

DART PROJECT

CONTRACT SHEET No. 798 or 873

EXISTING UTILITY COMPOSITE
END SEGMENT 2 STA 2389+04.87 (BK)
BEGIN SEGMENT 3 STA 3010+01.16 (AHD)
TO STA 3017+00.00

FAISAL S. SYED, P.E. NO. 84833
IN CHARGE

O. VENZOR
CHECKED

H. RAZA
DESIGNED

F. SYED
DRAWN

SCALE 1" = 40'

FEB 02 2018

COTTON BELT, all rights reserved, 1987-2018
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

1. SEE DWG. NO. UC2-3001 FOR ADDITIONAL NOTES.

SEE DWG NO. UC2-3001

MATCH LINE CB-3 NB STA 3017+00.00

MATCH LINE CB-3 NB STA 3025+00.00

MATCH LINE CB-3 NB STA 3029+00.00

NOTES:

I. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

EXISTING UTILITY COMPOSITE STA 3017+00.00 TO STA 3029+00.00
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

IN-PROGRESS

NOTES:
1. SEE DWG. No. UC2-3002 FOR ADDITIONAL NOTES.

SCALE (IN FEET)
0 20 40 80

1" = 40'

EXISTING UTILITY COMPOSITE WITH OTHERS

TRAIL IN COOPERATION
MATCH LINE CB-3 NB STA 3033+00.00

See DWG No. UC2-3003

Mainline to be removed

Existing Cotton Belt

Mountain Line CB-3 NB

Match Line CB-3 NB STA 3034+00.00

1. See DWG No. UC2-3001 for additional notes.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COYOT BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3033+00.00 TO STA 3041+00.00

NOTES: 1. See DWG. No. UC2-3001 for additional notes.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

IN-PROGRESS
NOT DRAWN TO SCALE
DRAFT SHEET

NOTES:
1. SEE SHEET NO. UC2-3001 FOR ADDITIONAL NOTES.

MATCH LINE CB-3 NB STA 3041+00.00
MATCH LINE CB-3 SB STA 3049+00.00

EXISTING UTILITY COMPOSITE STA 3041+00.00 TO STA 3049+00.00

PROPOSED RETAINING WALL

CREEK BRIDGE
PROPOSED WHITE ROCK MAINLINE TO BE REMOVED EXISTING COTTON BELT PETROLEUM LINE EXPLORER 12.75" SPR IN TUG FIBER VERIZON UG T QWEST UG FIBER (411Q-1260, SH 20) DALLAS 24" RCP SS ONCOR OHE 3042+00 3044+00 3046+00 3048+00 CS 3043+ 39.79 ST 3045+ 59.79 STA 3041+00.00 TO STA 3049+00.00 PROPOSED RETAINING WALL PROPOSED RETAINING WALL PROPOSED RETAINING WALL PROPOSED RETAINING WALL PROPOSED RETAINING WALL PROPOSED RETAINING WALL

MATCH LINE CB-3 NB STA 3044+35.47

EXISTING UTILITY COMPOSITE TO BE RELOCATED AND PROPOSED END SOUNDWALL STA 3044+00 WITH OTHERS TRAIL IN COOPERATION WITH DART, all rights reserved, 1987-2018
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3049+00.00 TO STA 3057+00.00

SCALE (IN FEET)
1" = 40'

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

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NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3081+00.00 TO STA 3089+00.00

1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3081+00.00 TO STA 3089+00.00

1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3081+00.00 TO STA 3089+00.00

1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3081+00.00 TO STA 3089+00.00

1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3081+00.00 TO STA 3089+00.00

1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3081+00.00 TO STA 3089+00.00

1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

MATCH LINE CB-3 NB STA 3098+00.00
SEEN DWG No. UC2-3010

MATCH LINE CB-3 SB STA 3098+00.00
SEEN DWG No. UC2-3011

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

IN-PROGRESS
DART PROJECT
COITON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3089+00.00 TO STA 3097+00.00

SCALE (IN FEET)
0 20 40 80

STA 3089+00.00 TO STA 3097+00.00
EXISTING UTILITY COMPOSITE WITH OTHERS

PROPOSED SOUND WALL

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

CONTRACT SHEET No.
UC2-3011

1" = 40'

CR DATE DESCRIPTION APP CHK ENG DATE CONTRACT DWG No.

CONTRACT

BY

REV AMEND DATE NO.

DRAWN DESIGNED CHECKED IN CHARGE DATE

FAISAL S. SYED, P.E. NO. 84833 ON 02/02/2018

TBPE FIRM NO. F-5332 URBAN ENGINEERS GROUP, INC.

FAISAL S. SYED, P.E. NO. 84833 ON 02/02/2018

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TBPE FIRM NO. F-5332 URBAN ENGINEERS GROUP, INC.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES:
1. SEE DWG. No. UC2-3020 FOR ADDITIONAL NOTES.

MATCH LINE CB-3 NB STA 3177+00.00 TO STA 3185+00.00

EXISTING UTILITY COMPOSITE
STA 3177+00.00 TO STA 3185+00.00

MATCH LINE CB-3 NB STA 3185+00.00 TO STA 3193+00.00

MATCH LINE CB-3 NB STA 3185+00.00 TO STA 3193+00.00

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES:
1. SEE DWG. No. UC2-3020 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3233+00.00 TO 3241+00.00

MATCH LINE CB-3 NB STA 3233+00.00
SEE DWG No. UC2-2702

MATCH LINE CB-3 NB STA 3241+00.00
SEE DWG No. UC2-2703

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

MATCH LINE CB-3 NB STA 3257+00.00
SEE DWG No. UC2-3031
MATCH LINE CB-3 NB STA 3265+00.00
SEE DWG No. UC2-3033

IN-PROGRESS
COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

DART PROJECT

NOTES:
1. SEE DWG. No. UC2-3031 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

NOTES:
1. SEE DWG. No. UC2-3034 FOR ADDITIONAL NOTES.

IN-PROGRESS

DART PROJECT

COTTON BELT REGIONAL RAIL SYSTEM LINE SECTION CB-3

EXISTING UTILITY COMPOSITE STA 3365+00.00 TO STA 3373+00.00

NOTES:

SCALE (IN FEET)

0 20 40 80

I. SORIAL
H. RAZA
F. SYED
O. VENZOR

STA 3265+00.00 TO STA 3273+00.00
EXISTING UTILITY COMPOSITE WITH OTHERS

TRADE IN COOPERATION WITH OTHERS

MATCH LINE CB-3 NB STA 3265+00.00
SEE DWG No. UC2-3032

MATCH LINE CB-3 NB STA 3273+00.00
SEE DWG No. UC2-3033

SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

EXISTING UTILITY COMPOSITE
STA 3281+00.00 TO STA 3289+00.00

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3289+00.00 TO STA 3297+00.00

IN-PROGRESS

NOTE:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

MATCH LINE CB-3 NB STA 3314+00.00 TO STA 3318+00.00
See DWG No. UC2-3038

MATCH LINE CB-3 SB STA 3314+00.00 TO STA 3318+00.00
See DWG No. UC2-3040

IN-PROGRESS

INSTRUCTIONS TO SUBMITTER:

1. SEE DWG. NO. UC2-3001 FOR ADDITIONAL NOTES.

NOTES:

I. SOIAL
H. RAZA
F. SYED
O. VENZOR

1" = 40'
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

IN-PROGRESS

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3324+00.00 TO STA 3329+00.00

MATCH LINE CB-3 NB STA 3321+00.00
MATCH LINE CB-3 SB STA 3321+00.00

SEE DWG No. UC2-3039
SEE DWG No. UC2-3041

SEE DWG No. UC2-3001 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

1" = 40'
STA 3337+00.00 TO STA 3345+00.00
EXISTING UTILITY COMPOSITE

IN-PROGRESS

DART PROJECT

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3
EXISTING UTILITY COMPOSITE
STA 3337+00.00 TO STA 3345+00.00

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

MATCH LINE CB-3 SB STA 3394+00.00
PETROLEUM LINE EXPLORER 12.75"

MATCH LINE CB-3 NB STA 3393+00.00

SCALE (IN FEET)
0 20 40 80

NOTES:
1. SEE DWG. No. UC2-3001 FOR ADDITIONAL NOTES.

FAISAL S. SYED, P.E. NO. 84833
FEB 02 2018

TBPE FIRM NO. F-5332
URBAN ENGINEERS GROUP, INC.
ON 02/02/2018

FOR THE PURPOSE OF REVIEW UNDER THE
IN-PROGRESS AUTHORITY OF:

THIS DOCUMENT IS RELEASED
IN-PROGRESS FOR BIDDING, OR PERMIT PURPOSES.
IT IS NOT TO BE USED FOR CONSTRUCTION,
IN-PROGRESS AUTHORITY OF:

CONTRACT SHEET No. UCE-3049

PRELIMINARY 10% DESIGN
NOT AN APPROVED DRAWING

CONTRACT SHEET No. 847 or 873

REFERENCES

DART PROJECT

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3393+00.00 TO STA 3401+00.00

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NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3417+00.00 TO STA 3425+00.00

NOTES:
1. SEE DWG. No. UC2-3051 FOR ADDITIONAL NOTES.
NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

MATCH LINE CB-3 NB STA 3457+00 TO STA 3465+00
EXISTING UTILITY COMPOSITE WITH OTHERS

IN-PROGRESS
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IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

MATCH LINE CB-3 NB STA 3457+00 TO STA 3465+00
EXISTING UTILITY COMPOSITE WITH OTHERS

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PRELIMINARY 10% DESIGN

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IN-PROGRESS

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PRELIMINARY 10% DESIGN

MATCH LINE CB-3 NB STA 3569+00.00

STA 3569+51.00

STA 3572+56.69

3570+00

3572+00

3570+00

3572+00

NOTES:
1. SEE Dwg. No. UC2-3001 FOR ADDITIONAL NOTES.

IN-PROGRESS

DART PROJECT

COTTON BELT REGIONAL RAIL SYSTEM
LINE SECTION CB-3

EXISTING UTILITY COMPOSITE
STA 3569+00.00 TO END

NOT AN APPROVED DRAWING
PRELIMINARY 10% DESIGN

MATCH LINE CB-3 NB STA 3569+00.00

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STA 3572+56.69

3570+00

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