TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT

OPTION N2 10% DESIGN

JEFFERSON & ORANGE COUNTY

LIMITS: FROM KCS MP 765.9 BEAUMONT SUBDIVISION
TO KCS MP 765.8 BEAUMONT SUBDIVISION
UPRR MP 276.0 LAFAYETTE SUBDIVISION

CJS: 7220-01-001
LENGTH: 25,370 FT = 4.80 MI.

OFFICE OF THE DISTRICT ENGINEER
BEAUMONT DISTRICT

1 OF 4

END PROJECT
OPTION N2
CSJ: 7220-01-001
STA: 438+00

BEGIN PROJECT
OPTION N2
CSJ: 7220-01-001
STA: 435+74.77

DESIGN SPEED: RAILROADS = 10 MPH BNSF
25 MPH JEFFERSON COUNTY
40 MPH ORANGE COUNTY
FIXED BRIDGE NOT APPLICABLE

PLOT SCALE: 1" = 100' (HORZ.)
1" = 10' (VERT.)

SUBMITTED FOR LETTING:	20
P.E.	
DESIGN ENGINEER	
RECOMMENDED FOR LETTING:	20
P.E.	
PROJECT ENGINEER	
RECOMMENDED FOR LETTING:	20
P.E.	
DIRECTOR OF TRANSPORTATION PLANNING & DEVELOPMENT	
APPROVED FOR LETTING:	20
P.E.	
DISTRICT ENGINEER	

PROJECT MANAGER, TRANSYSTEM

EXISTING: NONE

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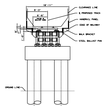
PROPOSED TRACK LAYOUNDE
STATION TO STATION:
435+74.77 TO 438+00

PROPOSED TRACK ALIGNEDT BNSF MAINLINE
STATION TO STATION:
435+00 TO 438+00

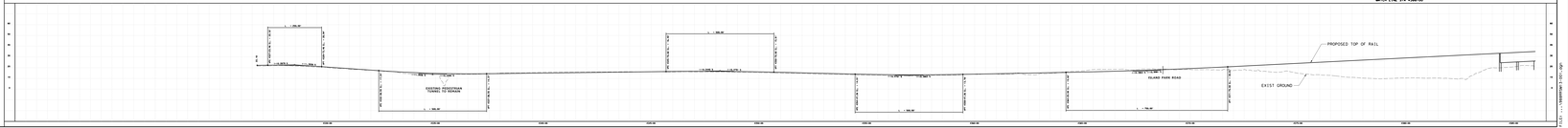
PROPOSED TRACK ON GRADE
STATION TO STATION:
435+00 TO 437+00



TYPICAL SECTION - TANGENT APPROACH SPAN
CSJ: 7220-01-001 TO 4+00
STA: 435+00 TO 438+00
STA: 4275+01.01 TO 4320+00.00

PROPOSED TRACK RETAINING WALL
STATION TO STATION:
437+00 TO 437+00

PROPOSED TRACK ON EMBANKMENT
STATION TO STATION:
437+00 TO 438+00



DATE: 9/21/2015
FILE: C:\MICROPLAN\
PLOT: 1:1 - LANDSCAPE
PLOT: 1:1 - PORTRAIT

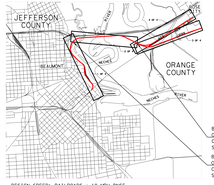
TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT
OPTION N2 10% DESIGN
JEFFERSON & ORANGE COUNTY

LIMITS: FROM KCS MP 765.9 BEAUMONT SUBDIVISION
TO KCS MP 763.8 BEAUMONT SUBDIVISION
UPRR MP 276.0 LAFAYETTE SUBDIVISION

CJS: 7220-01-001
LENGTH: 25,370 FT - 4.80 MI.

OFFICE OF THE DISTRICT ENGINEER
BEAUMONT DISTRICT



2 OF 4

BEGIN END
OPTION N2
CSJ: 7220-01-001
STA 4450+00

BEGIN PROJECT
OPTION N2
CSJ: 7220-01-001
STA 4386+00

DESIGN SPEED: RAILROADS - 70 MPH (MAX)
40 MPH JEFFERSON COUNTY
40 MPH ORANGE COUNTY
FIXED BRIDGE NOT APPLICABLE

PLOT SCALE: 1" =100' (MAIN);
1" =10' (INSET);

SUBMITTED FOR LETTING	20
DESIGN ENGINEER	P.E.
RECOMMENDED FOR LETTING	20
PROJECT ENGINEER	P.E.
RECOMMENDED FOR LETTING	20
DIRECTOR OF TRANSPORTATION PLANNING & DEVELOPMENT	P.E.
APPROVED FOR LETTING	20
DISTRICT ENGINEER	P.E.

SUBMITTED FOR LETTING 20
PROJECT MANAGER, TRANSITEAM

EXHIBITS: NONE

Texas Department of Transportation
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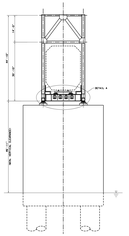
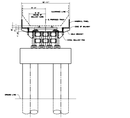


TYPICAL TRUSS SECTION AT PIER
STA. 4450+35.46 TO 4451+06.46
STA. 4459+67.90 TO 4461+57.98



TYPICAL SECTION - TANGENT APPROACH SPANS

TIME: 9/18/12 AM
PN FILE: I:\ENGDES\LAYOUT\PT08L.PC1

DATE: 9/17/2015
FILE: 7220-01-001-N2.dgn
ROLLOUT: MPLTOPO4.P

TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT
OPTION N2 10% DESIGN
JEFFERSON & ORANGE COUNTY

LIMITS: FROM KCS MP 765.9 BEAUMONT SUBDIVISION
TO KCS MP 763.8 BEAUMONT SUBDIVISION
UPRR MP 276.0 LAFAYETTE SUBDIVISION

LENGTH: 25,370 FT = 4.80 MI.

OFFICE OF THE DISTRICT ENGINEER
BEAUMONT DISTRICT

NOT TO SCALE

3 OF 4

DESIGN SPEED: RAILROADS - 50 MPH (MAX)
40 MPH JEFFERSON COUNTY
40 MPH ORANGE COUNTY
FIXED BRIDGE NOT APPLICABLE

PLOT SCALE: 1" =100' (HORZ.)
1" =10' (VERT.)

SUBMITTED FOR LETTING	20
DESIGN ENGINEER	P.E.
RECOMMENDED FOR LETTING	20
PROJECT ENGINEER	P.E.
RECOMMENDED FOR LETTING	20
DIRECTOR OF TRANSPORTATION PLANNING & DEVELOPMENT	P.E.
APPROVED FOR LETTING	20
DISTRICT ENGINEER	P.E.

SUBMITTED FOR LETTING	20
PROJECT MANAGER, TRANSITDATA	P.E.

EXHIBIT(S): NONE

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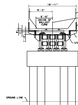
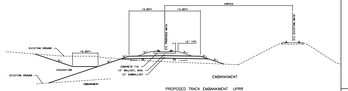
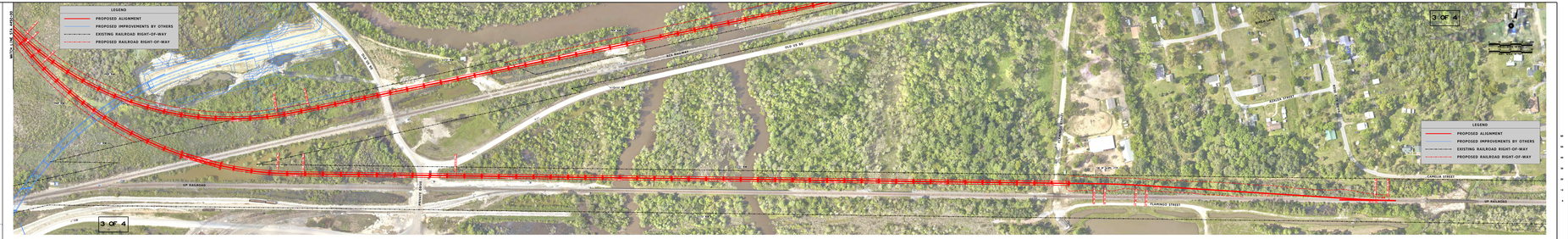


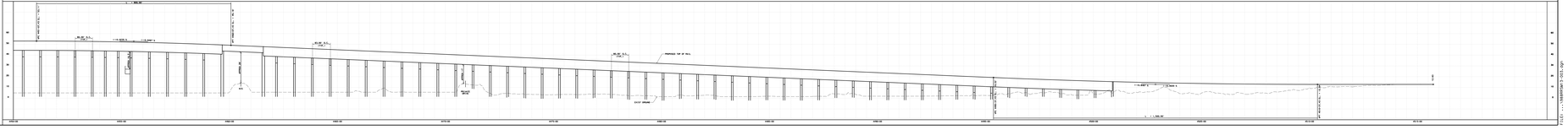
TYPICAL SECTION TRACK APPROACH SPANS



PROPOSED TRACK EMBANKMENT UPRR
STATION TO STATION
4501+00 TO 4509+00

PROPOSED TRACK ADJACENT UPRR MAINLINE
STATION TO STATION
4509+00 TO 4516+00





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DATE: 9/17/2015
FILE: 7220-01-001.dgn
ROLLSLOT: WH_TDMS4

TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT
OPTION N2 10% DESIGN
JEFFERSON & ORANGE COUNTY

LIMITS: FROM KCS MP 765.9 BEAUMONT SUBDIVISION
TO KCS MP 763.8 BEAUMONT SUBDIVISION
UPRR MP 276.0 LAFAYETTE SUBDIVISION
CJS: 7220-01-001
LENGTH: 25,370 FT = 4.80 MI.

OFFICE OF THE DISTRICT ENGINEER
BEAUMONT DISTRICT

NOT TO SCALE

4 OF 4

DESIGN SPEED: RAILROADS - 70 MPH (MAX)
40 MPH JEFFERSON COUNTY
40 MPH ORANGE COUNTY
FIXED BRIDGE NOT APPLICABLE
PLOT SCALE: 1" =100' (HORZ.)
1" =10' (VERT.)

SUBMITTED FOR LETTING	20
DESIGN ENGINEER	P.E.
RECOMMENDED FOR LETTING	20
PROJECT ENGINEER	P.E.
RECOMMENDED FOR LETTING	20
DIRECTOR OF TRANSPORTATION PLANNING & DEVELOPMENT	P.E.
APPROVED FOR LETTING	20
DISTRICT ENGINEER	P.E.

SUBMITTED FOR LETTING 20
PROJECT MANAGER, TRANSITEAM

EXHIBITS: NONE

Texas Department of Transportation
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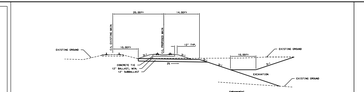
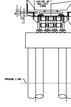
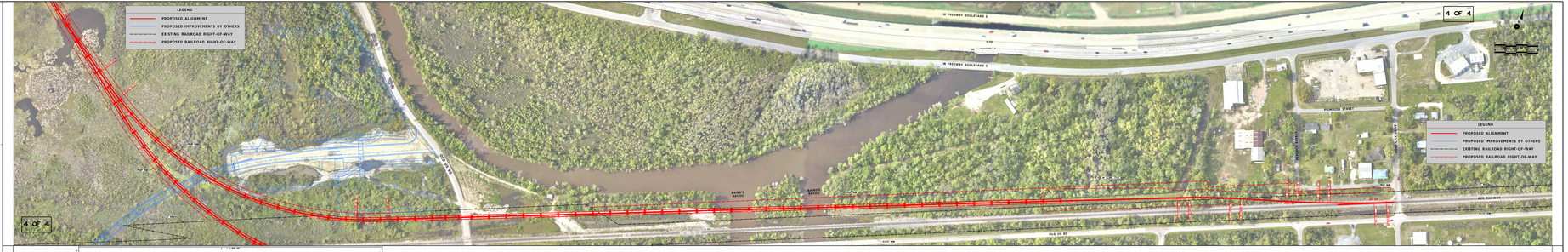


PROPOSED TRACK ADJACENT KCS MAINLINE
FROM TO STATION
40260+40 TO 40287+00

PROPOSED TRACK EMBANKMENT KCS
FROM TO STATION
40287+00 TO 40270+00



TYPICAL SECTION - TANGENT APPROACH SPAN


LEGEND
PROPOSED ALIGNMENT
PROPOSED IMPROVEMENTS BY OTHERS
EXISTING RAILROAD RIGHT-OF-WAY
PROPOSED RAILROAD RIGHT-OF-WAY
4 OF 4
W FREEWAY BOULEVARD S
I-10
BAKER'S BAYOU
KCS RAILROAD
PROPOSED TOP OF RAIL
EXISTING GROUND
EXISTING DRAINAGE
PROPOSED DRAINAGE
EXISTING RAILROAD
PROPOSED RAILROAD
EXISTING ROADWAY
PROPOSED ROADWAY
EXISTING UTILITIES
PROPOSED UTILITIES
EXISTING RIGHT-OF-WAY
PROPOSED RIGHT-OF-WAY
EXISTING CONTOURS
PROPOSED CONTOURS
EXISTING TREE
PROPOSED TREE
EXISTING FENCE
PROPOSED FENCE
EXISTING BRIDGE
PROPOSED BRIDGE
EXISTING CULVERT
PROPOSED CULVERT
EXISTING SIGN
PROPOSED SIGN
EXISTING WETLAND
PROPOSED WETLAND
EXISTING PAVEMENT
PROPOSED PAVEMENT
EXISTING SIDEWALK
PROPOSED SIDEWALK
EXISTING CURB
PROPOSED CURB
EXISTING GUARDRAIL
PROPOSED GUARDRAIL
EXISTING BARRIER
PROPOSED BARRIER
EXISTING MAILBOX
PROPOSED MAILBOX
EXISTING PIPE
PROPOSED PIPE
EXISTING POLE
PROPOSED POLE
EXISTING WATER
PROPOSED WATER
EXISTING SANITARY SEWER
PROPOSED SANITARY SEWER
EXISTING GAS
PROPOSED GAS
EXISTING TELEPHONE
PROPOSED TELEPHONE
EXISTING ELECTRIC
PROPOSED ELECTRIC
EXISTING FIBER OPTIC
PROPOSED FIBER OPTIC
EXISTING CABLE TV
PROPOSED CABLE TV
EXISTING PIPELINE
PROPOSED PIPELINE
EXISTING TRAFFIC SIGNAL
PROPOSED TRAFFIC SIGNAL
EXISTING LIGHTING
PROPOSED LIGHTING
EXISTING RAILROAD CROSSING
PROPOSED RAILROAD CROSSING
EXISTING ROAD CROSSING
PROPOSED ROAD CROSSING
EXISTING PROPERTY LINE
PROPOSED PROPERTY LINE