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Texas Department of Transportation

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HOUSTON DISTRICT
QUINCY ALLEN, P.E., DISTRICT ENGINEER

City of Pearland, Texas

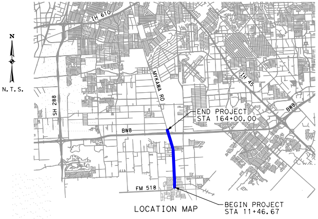
DESIGN SCHEMATIC
MYKAWA ROAD

FROM: FM 518
TO: BW 8

CSJ: 0912-31-319
PROJECT LENGTH: 2.90 MILES

DESIGN SPEED	FUNCTIONAL CLASSIFICATION
45 MPH	MINOR ARTERIAL

BRAZORIA AND HARRIS COUNTIES
APRIL 2019
ROLL 2 OF 2


N
N.T.S.
IH 610
MYKAWA RD
IH 45
SH 288
BW8
BW8
FM 518
END PROJECT
STA 164+00.00
BEGIN PROJECT
STA 11+46.67

LOCATION MAP

LEGEND

➡	PROPOSED TRAFFIC FLOW	🟨	PROPOSED PAVEMENT
━ ━ ━	EXISTING R.O.W.	🟩	PROPOSED MEDIAN
━ ━ ━	PROPOSED R.O.W.	🟦	PROPOSED DRIVEWAYS
- - - -	EASEMENT	🟧	PROPOSED SIDEWALK/SUP
━━━	PROPOSED PAVEMENT EDGES	▨	EXISTING BRIDGE
━━━	PROPOSED DETENTION BASIN	▨	EXISTING PAVEMENT
- - - -	PEARLAND CITY LIMITS	━━━	COUNTY LIMITS

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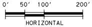
the purpose of INTERIM review
under the authority of
JORGE A. GARCIA-DURAN, P.E. 80550
on 4/18/2019
It is not to be used for permit,
bidding or construction purposes.

SHEET INDEX

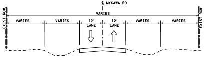
ROLL 1: BEGIN PROJECT TO STA 88+00
ROLL 2: STA 88+00 TO END PROJECT

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
TBPE FIRM REGISTRATION NO. 2614

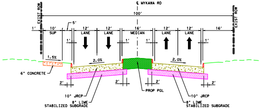
SPRING 2016 AERIAL
PHOTOGRAPHY



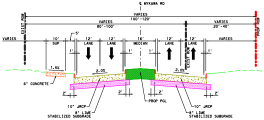
HORIZONTAL
GRAPHIC SCALES IN FEET


℄ MYKAWA RD
VARIES
EXIST ROW
VARIES
VARIES
12'
LANE
12'
LANE
VARIES
VARIES
EXIST ROW

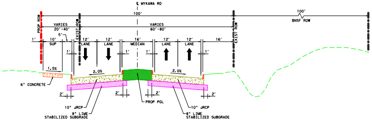
MYKAWA RD
EXISTING TYPICAL SECTION
ORANGE ST TO BW8 WB FRTG RD
N.T.S.


℄ MYKAWA RD
100'
EXIST ROW
EXIST ROW
1'
10'
SUP
5'
12'
LANE
12'
LANE
16'
MEDIAN
12'
LANE
12'
LANE
16'
1'
1'
1'
1'
1.5%
2.0%
2.0%
6" CONCRETE
2'
2'
2'
2'
PROP PGL
10" JRCP
8" LIME
STABILIZED SUBGRADE
10" JRCP
8" LIME
STABILIZED SUBGRADE

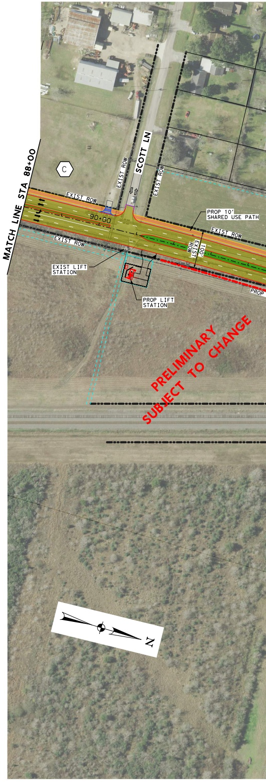
MYKAWA RD
PROPOSED TYPICAL SECTION
C
MCHARD RD TO SCOTT LN
N.T.S.

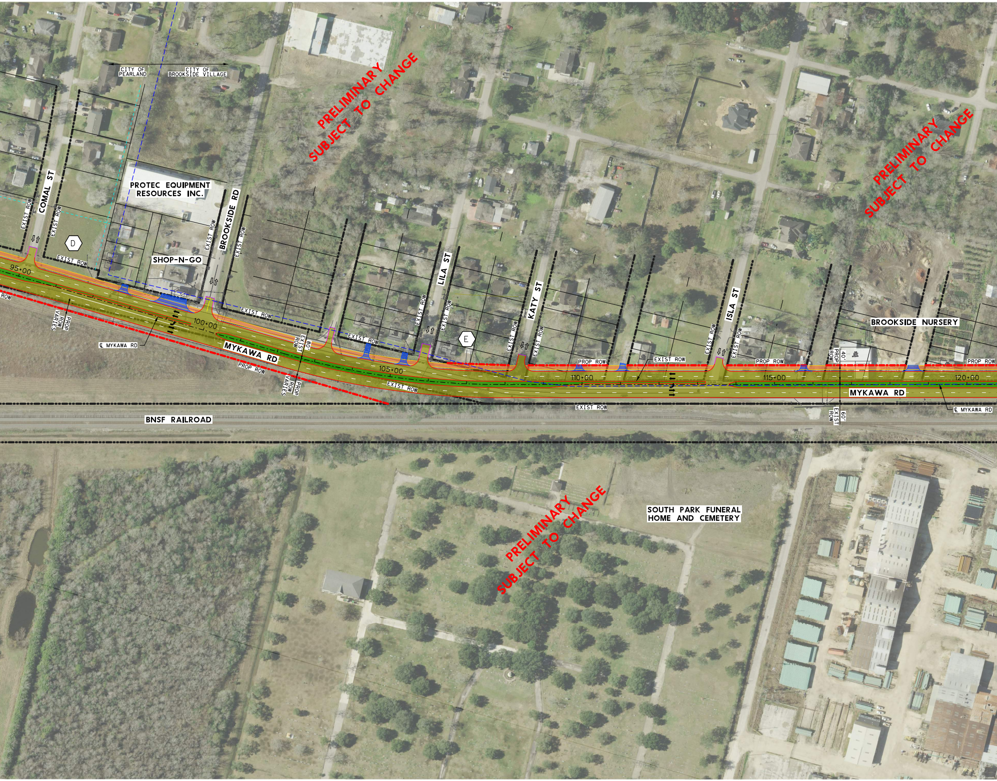

℄ MYKAWA RD
VARIES
100'-120'
VARIES
80'-100'
VARIES
20'-40'
EXIST ROW
PROP ROW
VARIES
VARIES
1'
10'
SUP
5'
12'
LANE
12'
LANE
16'
MEDIAN
12'
LANE
12'
LANE
16'
EXIST ROW
1'
1'
1'
1'
1.5%
2.0%
2.0%
6" CONCRETE
2'
2'
2'
2'
PROP PGL
10" JRCP
8" LIME
STABILIZED SUBGRADE
10" JRCP
8" LIME
STABILIZED SUBGRADE

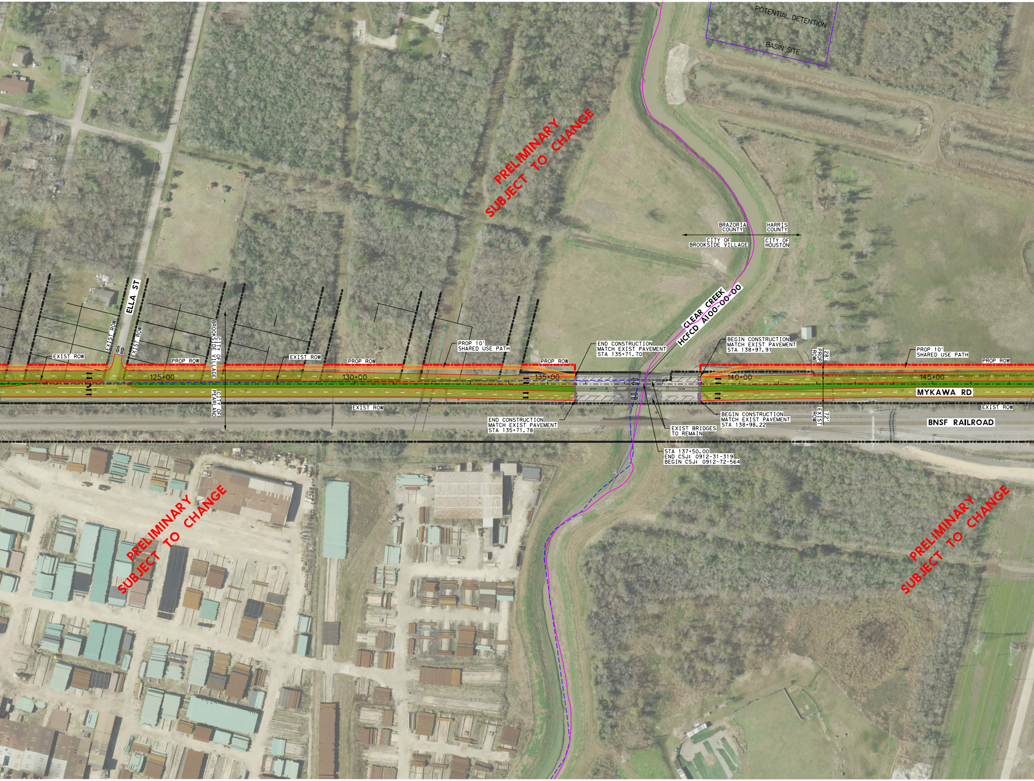
MYKAWA RD
PROPOSED TYPICAL SECTION
D
SCOTT LN TO LILA ST
N.T.S.

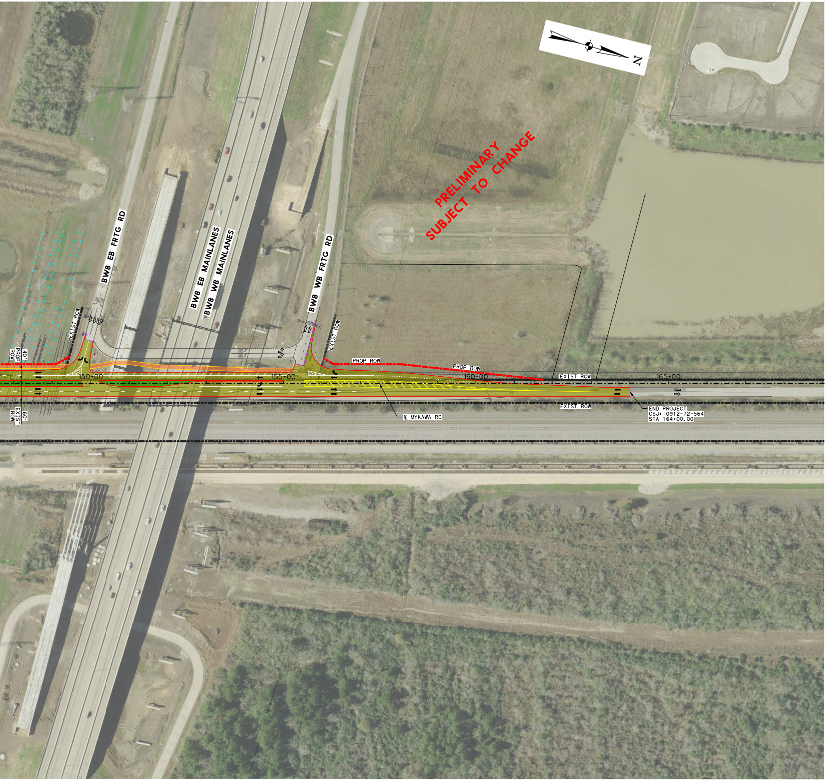

℄ MYKAWA RD
100'
100'
BNSF ROW
PROP ROW
VARIES
20'-40'
EXIST ROW
VARIES
60'-80'
EXIST ROW
1'
10'
SUP
5'
12'
LANE
12'
LANE
16'
MEDIAN
12'
LANE
12'
LANE
16'
1'
1'
1'
1'
1.5%
2.0%
2.0%
6" CONCRETE
2'
2'
2'
2'
PROP PGL
10" JRCP
8" LIME
STABILIZED SUBGRADE
10" JRCP
8" LIME
STABILIZED SUBGRADE

MYKAWA RD
PROPOSED TYPICAL SECTION
E
LILA ST TO BW8 WB FRTG RD
N.T.S.


MATCH LINE STA 88+00
C
SCOTT LN
EXIST ROW
EXIST ROW
EXIST ROW
90+00
EXIST ROW
PROP 10'
SHARED USE PATH
EXIST ROW
EXIST ROW
100'
EXIST LIFT
STATION
PROP LIFT
STATION
PROP
PRELIMINARY
SUBJECT TO CHANGE
N


CITY OF PEARLAND
CITY OF BROOKSIDE VILLAGE
PRELIMINARY SUBJECT TO CHANGE
PRELIMINARY SUBJECT TO CHANGE
PROTEC EQUIPMENT RESOURCES INC.
COMAL ST
EXIST ROW
EXIST ROW
D
EXIST ROW
SHOP-N-GO
BROOKSIDE RD
EXIST ROW
EXIST ROW
95+00
ROW
PROP ROW VARIES
℄ MYKAWA RD
100+00
EXIST ROW
MYKAWA RD
PROP ROW
EXIST ROW 80'
PROP ROW VARIES
EXIST ROW
105+00
EXIST ROW
LILA ST
EXIST ROW
EXIST ROW
E
KATY ST
EXIST ROW
EXIST ROW
PROP ROW
EXIST ROW
110+00
ISLA ST
EXIST ROW
EXIST ROW
PROP ROW
115+00
PROP ROW 40'
BROOKSIDE NURSERY
PROP ROW
120+00
MYKAWA RD
℄ MYKAWA RD
EXIST ROW
EXIST ROW 60'
BNSF RAILROAD
SOUTH PARK FUNERAL HOME AND CEMETERY
PRELIMINARY SUBJECT TO CHANGE


POTENTIAL DETENTION
BASIN SITE
PRELIMINARY
SUBJECT TO CHANGE
BRAZORIA COUNTY
HARRIS COUNTY
CITY OF BROOKSIDE VILLAGE
CITY OF HOUSTON
CLEAR CREEK
HCFCD A100-00-00
ELLA ST
EXIST ROW
EXIST ROW
EXIST ROW
CITY OF BROOKSIDE VILLAGE
CITY OF PEARLAND
PROP ROW
EXIST ROW
PROP 10' SHARED USE PATH
PROP ROW
PROP ROW
125+00
130+00
135+00
EXIST ROW
END CONSTRUCTION
MATCH EXIST PAVEMENT
STA 135+71.70
END CONSTRUCTION
MATCH EXIST PAVEMENT
STA 135+71.78
BEGIN CONSTRUCTION
MATCH EXIST PAVEMENT
STA 138+97.91
BEGIN CONSTRUCTION
MATCH EXIST PAVEMENT
STA 138+98.22
EXIST BRIDGES
TO REMAIN
STA 137+50.00
END CSJ: 0912-31-319
BEGIN CSJ: 0912-72-564
140+00
PROP ROW
28'
EXIST ROW
72'
PROP 10' SHARED USE PATH
PROP ROW
145+00
MYKAWA RD
EXIST ROW
BNSF RAILROAD
PRELIMINARY
SUBJECT TO CHANGE
PRELIMINARY
SUBJECT TO CHANGE


N
PRELIMINARY SUBJECT TO CHANGE
BW8 EB FRTG RD
BW8 EB MAINLANES
BW8 WB MAINLANES
BW8 WB FRTG RD
EXIST ROW
PROP ROW
PROP ROW
40'
PROP ROW
60'
EXIST ROW
EXIST ROW
PROP ROW
PROP ROW
EXIST ROW
EXIST ROW
150+00
155+00
160+00
165+00
℄ MYKAWA RD
END PROJECT
CSJ: 0912-72-564
STA 164+00.00

Texas Department of Transportation

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QUINCY ALLEN, P.E., DISTRICT ENGINEER

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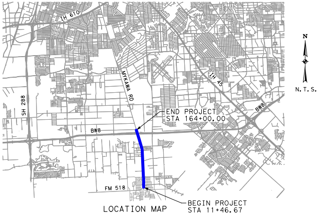
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N.T.S.

LOCATION MAP

LEGEND

➡	TRAFFIC FLOW	🟩	PROPOSED PAVEMENT
─•─•─	EXISTING R.O.W.	🟩	PROPOSED MEDIAN
─•─•─	PROPOSED R.O.W.	🟦	PROPOSED DRIVEWAYS
- - - -	EASEMENT	🟧	PROPOSED SIDEWALK/SUP
────	PROPOSED PAVEMENT EDGES	⬛	EXISTING BRIDGE
────	PROPOSED DETENTION BASIN	⬜	EXISTING PAVEMENT
- - - -	CITY LIMITS	────	COUNTY LIMITS

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PHOTOGRAPHY

0' 50' 100' 200'
HORIZONTAL
GRAPHIC SCALES IN FEET

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