VICINITY MAP

RURAL ARTERIAL DESIGN
SPEED IS 70 MPH

URBAN CURB & GUTTER
SECTION DESIGN
SPEED IS 40 MPH

SCHEMATIC LAYOUT
BRAZORIA COUNTY
SH36
FROM BRAZORIA COUNTY LINE
TO FM 522
HOUSTON DISTRICT

LEGEND

		LINE WT.	COLOR CODE
BASE LINES			BLUE
PROPOSED ROADWAY AND RAMPS			BLUE
TURNAROUNDS			BLUE
EXISTING ROADWAY TO BE REMOVED			BLUE
EXISTING RIGHT TO REMAIN			GREEN
ENCROACHMENT			RED
CONTROL OF ACCESS			BLUE
CONTOURS			BLUE
EXISTING SCRW			BLUE
ACCESS ROAD			BLUE
PROPOSED SCRW			BLUE
FLARED CURBS TRUE CLOSED ART			BLUE
EXISTING LINE DIRECTIONAL INDICATOR			BLUE
PROPOSED LINE DIRECTIONAL INDICATOR			BLUE
EXISTING RIGHT OF WAY			BLUE
ENVIRONMENTAL			GRAY
PATTERNS			BLUE
EXISTING WELL			BLUE
STORMWATER			BLUE
NEW EXCAVATION			TURQUOISE
NEW EMBANKMENT			TURQUOISE
TEMPORARY CONSTRUCTION			TURQUOISE
RIGHT - OWNER CONSTRUCTION			LT GREEN
RECOMMENDED RIGHT EASEMENT WELL			LIME

PROFILE LEGEND

BASE FOR	
EXIST. FG	
PROP. FG	
PROP. FG (TOP PAVEMENT SURFACE ALSO)	

STRUCT. LEGEND

EXISTING TELEPHONE CUTOUT LINE	
EXISTING FIELD CONDUIT TELEPHONE LINE (UNDER ROADWAY STRAIGHTNESS)	
EXISTING GAS LINE	
EXISTING GAS VALVE IN GAS PIPELINE	
EXISTING GAS VALVE	
EXISTING TELEPHONE POLE WITH	
EXISTING TELEPHONE POLE	
EXISTING TELEPHONE EQUIPMENT BOXES ON	
EXISTING TELEPHONE	
PROPOSED WATER WELL	
EXISTING CLOSED	
PROPOSED CLOSED	
EASEMENT	

SCALE: 1" 100' 200'

TEXAS DEPARTMENT OF TRANSPORTATION

Texas Engineering
Extension Service
THE TEXAS A&M UNIVERSITY SYSTEM

SECTION 9 - BRAZORIA COUNTY
STATE HIGHWAY 36
PREFERRED ALTERNATE
BEGIN PROJECT STA. 0+00 TO STA. 122+00

S.H. 36 SHEET 1 OF 4

SHEETS - STANDS
STYLES -

VICINITY MAP

RURAL ARTERIAL DESIGN
SPEED IS 70 MPH

URBAN CURB & GUTTER
SECTION DESIGN
SPEED IS 40 MPH

SCHEMATIC LAYOUT
BRAZORIA COUNTY
SH36
FROM BRAZORIA COUNTY LINE
TO FM 522
HOUSTON DISTRICT

LEGEND

		LINE WT.	COLOR CODE
BASE LINES			BLUE
PROPOSED ROADWAY AND RAMPS			BLUE
TURNAROUNDS			BLUE
EXISTING ROADWAY TO BE REMOVED			BLUE
EXISTING RIGHT TO REMAIN			GREEN
ENCROACHMENT			RED
CONTROL OF ACCESS			BLUE
CONTOURS			BLUE
EXISTING SCRW			BLUE
ACCESS ROAD			BLUE
PROPOSED SCRW			BLUE
FLARED CURBS TRUE CLOSED ART			BLUE
EXISTING LINE DIRECTIONAL INDICATOR			BLUE
PROPOSED LINE DIRECTIONAL INDICATOR			BLUE
EXISTING RIGHT OF WAY			BLUE
ENVIRONMENTAL			GRAY
PATTERNS			BLUE
EXISTING WELL			BLUE
STORMWATER			BLUE
NEW EXCAVATION			TURQUOISE
NEW EMBANKMENT			TURQUOISE
TEMPORARY CONSTRUCTION			TURQUOISE
RIGHT - OWNER CONSTRUCTION			LT GREEN
RECOMMENDED RIGHT EASEMENT WELL			LIME

PROFILE LEGEND

BASE FOR	
EXIST. FG	
PROP. FG	
PROP. FG (TOP PAVEMENT SURFACE ALSO)	

STRUCT. LEGEND

EXISTING TELEPHONE CUTOUT LINE	
EXISTING FIELD CONDUIT TELEPHONE LINE (UNDER ROADWAY STRAIGHTNESS)	
EXISTING GAS LINE	
EXISTING GAS VALVE IN GAS PIPELINE	
EXISTING GAS VALVE	
EXISTING TELEPHONE POLE WITH	
EXISTING TELEPHONE POLE	
EXISTING TELEPHONE EQUIPMENT BOXES ON	
EXISTING TELEPHONE	
PROPOSED WATER WELL	
EXISTING CLOSED	
PROPOSED CLOSED	
EASEMENT	

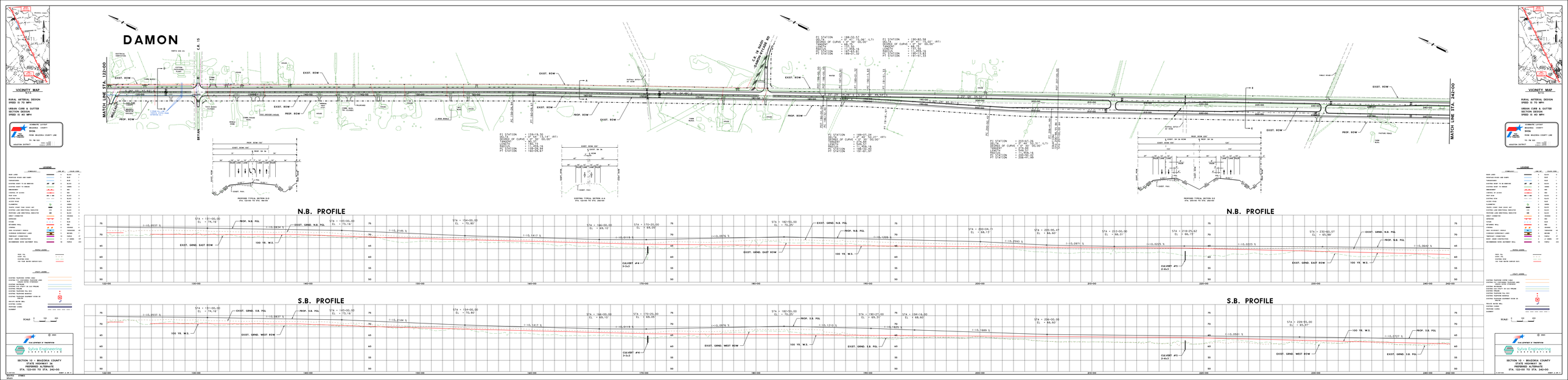
SCALE: 1" 100' 200'

TEXAS DEPARTMENT OF TRANSPORTATION

Texas Engineering
Extension Service
THE TEXAS A&M UNIVERSITY SYSTEM

SECTION 9 - BRAZORIA COUNTY
STATE HIGHWAY 36
PREFERRED ALTERNATE
BEGIN PROJECT STA. 0+00 TO STA. 122+00

S.H. 36 SHEET 2 OF 4


DAMON
VICINITY MAP
RURAL ARTERIAL DESIGN
SPEED IS 70 MPH
URBAN CURB & GUTTER
SECTION DESIGN
SPEED IS 40 MPH
MATCH LINE STA. 122+00
MATCH LINE STA. 242+00
BRYANT
C.R. 15
S.R. 36 (MAIN STREET)
EXIST. ROW
PROP. ROW
PROPOSED TYPICAL SECTION D-D
STA. 122+00 TO STA. 186+00
EXISTING TYPICAL SECTION A-A
STA. 122+00 TO STA. 240+00
PROPOSED TYPICAL SECTION B-B
STA. 240+00 TO STA. 244+00
N.B. PROFILE
S.B. PROFILE
LEGEND
SECTION 10 - BRAZORIA COUNTY
STATE HIGHWAY 36
PROPOSED ALTERNATE
STA. 122+00 TO STA. 244+00

VICINITY MAP

RURAL ARTERIAL DESIGN
SPEED 35 TO 50 MPH

URBAN CURB & GUTTER
SECTION DESIGN
SPEED 35 AND MORE

SCHEMATIC LAYOUT
BRAZORIA COUNTY
SH36
FROM BRAZORIA COUNTY LINE
TO FM 522
HOUSTON DISTRICT

LEGEND
SYMBOLOGY
LINE WT.
COLOR CODE
BASE LINES
PROPOSED RIGHT OF WAY
TEMPORARY
EXISTING RIGHT OF WAY
EASEMENT
LINE OF SIGHT
CONTOURS
EXISTING DITCH
PROPOSED DITCH
FLOWS CLEAR FOR LEGEND SET
EXISTING LINE DIRECTIONAL INDICATOR
PROPOSED LINE DIRECTIONAL INDICATOR
EXISTING CONCRETE
EXISTING
FUTURE
BUILDING WALL
STRIPING
ROAD DESIGNATED VEHICLE
TEMPORARY CONSTRUCTION
RIGHT-OF-WAY CONSTRUCTION
RECOMMENDED ROAD DESIGNATED WALL
PROPOSED
EXISTING
PROPOSED
PROPOSED
PROPOSED

VICINITY MAP

RURAL ARTERIAL DESIGN
SPEED 35 TO 70 MPH

URBAN CURB & GUTTER
SECTION DESIGN
SPEED 35 AND MPH

SCHEMATIC LAYOUT
BRAZORIA COUNTY
SH36
FROM BRAZORIA COUNTY LINE
TO FM 522
HOUSTON DISTRICT

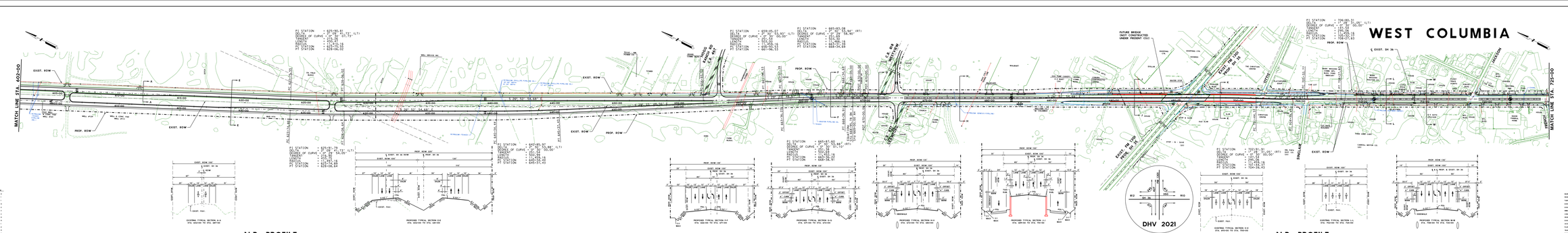
MATCH LINE STA. 382+00
MATCH LINE STA. 482+00
EXIST. ROW
PROP. ROW
PROP. ER. ROW
EXIST. ROW
PROP. ROW
EXIST. ROW
PROP. ROW
EXIST. ROW
PROP

VICINITY MAP

RURAL ARTERIAL DESIGN
SPEED IS 70 MPH

URBAN CURB & GUTTER
SECTION DESIGN
SPEED IS 40 MPH

SCHWETZ LAYOUT
BRADLEY COUNTY
OHIO
FROM BRADLEY COUNTY LINE
TO TR 332
MARION DISTRICT


WEST COLUMBIA
MATCH LINE STA. 602+00
MATCH LINE STA. 725+00
EXIST. ROW
PROP. ROW
PROP. N.B. PGL
PROP. S.B. PGL
EXIST. GRND. N.B. PGL
EXIST. GRND. S.B. PGL
EXIST. GRND. EAST ROW
EXIST. GRND. WEST ROW
100 YR. W.S.
CULVERT #14 3x3
CULVERT #13 4x4
CULVERT #15 4x4
CULVERT #12 2-3x3
FUTURE BRIDGE (NOT CONSTRUCTED UNDER PRESENT CSJ)
EXIST. SH 36
EXIST. SH 36 FROM 0.5 MI. N. OF
EXIST. SH 36 FROM 0.5 MI. S. OF
DHV 2021
N.B. PROFILE
S.B. PROFILE
EXISTING TYPICAL SECTION 4-A
STA. 602+00 TO STA. 649+00
PROPOSED TYPICAL SECTION 2-B
STA. 649+00 TO STA. 691+00
PROPOSED TYPICAL SECTION 2-F
STA. 691+00 TO STA. 697+00
PROPOSED TYPICAL SECTION 2-G
STA. 697+00 TO STA. 701+00
PROPOSED TYPICAL SECTION 4-J
STA. 701+00 TO STA. 704+00
PROPOSED TYPICAL SECTION 2-J
STA. 704+00 TO STA. 708+00
EXISTING TYPICAL SECTION 4-K
STA. 708+00 TO STA. 714+00
EXISTING TYPICAL SECTION 2-L
STA. 714+00 TO STA. 719+00
PROPOSED TYPICAL SECTION 2-M
STA. 719+00 TO STA. 725+00
VICINITY MAP
RURAL ARTERIAL DESIGN
SPEED 35 TO 50 MPH
URBAN CURB & GUTTER
SECTION DESIGN
SPEED 35 AND MORE
SCHEMATIC LAYOUT
BRAZORIA COUNTY
SH36
FROM BRAZORIA COUNTY LINE
TO FM 523
HOUSTON DISTRICT
LEGEND
SCALE: 1" = 100' 50' 25'
SECTION 14 - BRAZORIA COUNTY
STATE HIGHWAY 36
PROPOSED ALTERNATE
STA. 602+00 TO STA. 725+00
SHEET 4 OF 12

VICINITY MAP

RURAL ARTERIAL DESIGN
SPEED IS 70 MPH

URBAN CURB & GUTTER
SECTION DESIGN
SPEED IS 40 MPH

SCHMATIC LAYOUT
BEGINNING COUNTY
SH36
FROM BRAZORIA COUNTY LINE
TO FM 522

HOUSTON DISTRICT

NOT A BIDDING DOCUMENT

PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION

LEGEND

		LINE WT.	COLOR CODE
BASE LINES		0.25	1
PROPOSED ROADWAY ON BASE (SURVEY)		0.25	1
TOPOGRAPHICAL		0.18	8
EXISTING ROADWAY TO BE REMOVED		0.18	8
EXISTING RIGHT TO REMOVE		0.18	8
ENCROACHMENT		0.18	106
LIMITS OF CLEARING		0.18	106
CONTOURS		0.18	8
EXISTING DITCH		0.18	5,121
FLOWLINE DITCH		0.18	5,121
BORROW PIT		0.18	8,121
FLOWLINE STORMT DRAIN CULVERT, INLET		0.18	8,121
EXISTING LANE DIRECTIONAL INDICATOR		0.18	8,121
PROPOSED LANE DIRECTIONAL INDICATOR		0.18	8,121
EXISTING RIGHT OF WAY		0.18	106
PROPOSED RIGHT OF WAY		0.18	106
EASEMENT		0.18	106
EXISTING WALL		0.18	8
STORMWATER		0.18	8
EXISTING TRAFFIC SIGNAL		0.18	7,8,121,106
PROPOSED TRAFFIC SIGNAL		0.18	7,8,121,106
TEMPORARY CONNECTIONS		0.18	7,8,121,106
RIGHT - OWAY CONSTRUCTION		0.18	7,8 (GREEN)
RECLAMATION OVER DETERMINED WALL		0.18	7,8 (GREEN)

PROPOSED LEGEND

BASE LINE	
RIGHT OWAY	
EXISTING ROW	
CUT TRACK BEYOND SURVEYED ALIGN.	

UTILITY LEGEND

EXISTING TELEPHONE OVERHEAD LINE	
EXISTING FIBER OPTIC OVERHEAD TELEPHONE LINE	
EXISTING TELEPHONE OVERHEAD	
EXISTING GAS LINE	
EXISTING GAS VALVE	
EXISTING TELEPHONE MANHOLE	
EXISTING TELEPHONE POLE WITH	
EXISTING TELEPHONE EQUIPMENT BOXES ON GROUND	
EXISTING WATER WELL	
EXISTING FLOWLINE	
EXISTING CULVERT	
PROPOSED CULVERT	
EASEMENT	

SCALE
1" = 100'
0 100

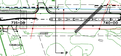
TEXAS DEPARTMENT OF TRANSPORTATION

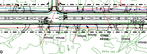
HDR ENGINEERING INC.
400 NE LOOP 410, SUITE 200
SAN ANTONIO, TX 78216

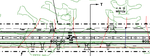
HDR Engineering
Texas Registration No. F-3164

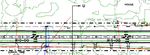
SECTION 15 - BRAZORIA COUNTY
STATE HIGHWAY 36
PROPOSED ALTERNATE
STA. 720+00 TO STA. 839+00

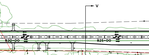
SHEET 1 OF 4











PRELIMINARY SUBJECT TO CHANGE

N.B. PROFILE

PRELIMINARY SUBJECT TO CHANGE

PRELIMINARY SUBJECT TO CHANGE

N.B. PROFILE

PRELIMINARY SUBJECT TO CHANGE

STA = 720+00.00
EL = 20.57
xs = -0.015'
K = 193
L = 135.00'
STA = 728+00.00
EL = 34.28
xs = 0.015'
K = 193
L = 135.00'
STA = 736+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 744+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 752+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 760+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 768+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 776+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 784+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 792+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 800+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 808+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 816+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 824+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
STA = 832+00.00
EL = 32.00
xs = -0.03'
K = 193
L = 135.00'
EXIST. ROWY.
PROP. ROWY.
CULVERT #14
2-60"
CULVERT #17
3x4'
100 YR. W.S.
CULVERT #18
3x3
CULVERT #20
4x4
(-10.3500)
(-10.3500)
(-10.3500)