HOUSTON DISTRICT
PROJECT DEVELOPMENT

PROPOSED SH 105

PRELIMINARY
SUBJECT TO CHANGE

SCHEMATIC LAYOUT
SH 105

COUNTY: MONTGOMERY
LIMITS FROM: IH 10/BEAN RD
LIMITS TO: FM 149

DIST: HOU
SUBD: HOU-DSD
DATE: 12/21/2021
APPROVED:

PILOT & PROVISIONAL APPROVAL

P.E.

DESIGN NO.

LEGEND

PROPOSED	EXISTING	PROJ.	PLAN SHEET
PROPOSED ROW			R-001-A
PROPOSED TEL-LINES			R-001-A
PROPOSED PROPERTIES ROWS			R-30-1
PROPOSED CULVERTS			DRAIN-1
PROPOSED BRIDGE CLEARANCE			DRAIN-3
PROPOSED BRIDGE LENGTH			BRI-1
PROPOSED OVERHEAD SIGN			SIG-1
PROPOSED GANTRY SIGN			SIG-1
PROPOSED GROUND SIGN			SIG-1
PROPOSED SIGN			SIGNSTR-1
PROPOSED BARRICADE			SIGNSTR-1
PROPOSED LIGHT POLE			SIGNSTR-1
PROPOSED LINE PAINT/TAPE			SLD-1
PROPOSED PAINT OR MARK			SLD-1
PROPOSED RAISED MARKER			SLD-1
CHANNEL			SWPPP-1
CHANNEL BLOCKED			SWPPP-1
CHANNEL FLOWLINE			SWPPP-1
CHANNEL FLOWLINE TO BE PAINTED			SWPPP-1
CHANNEL LINE BLOCKED			SWPPP-1
PAVING COUNT TOTAL - 1			SLD-0-1

COLORFILL LEGEND

MAIN LANES
RAISED MEDIAN
GRAVEL MEDIAN
SIDEWALK
BIKE LANE
BRIDGE
ACCESS ROAD

SCALE

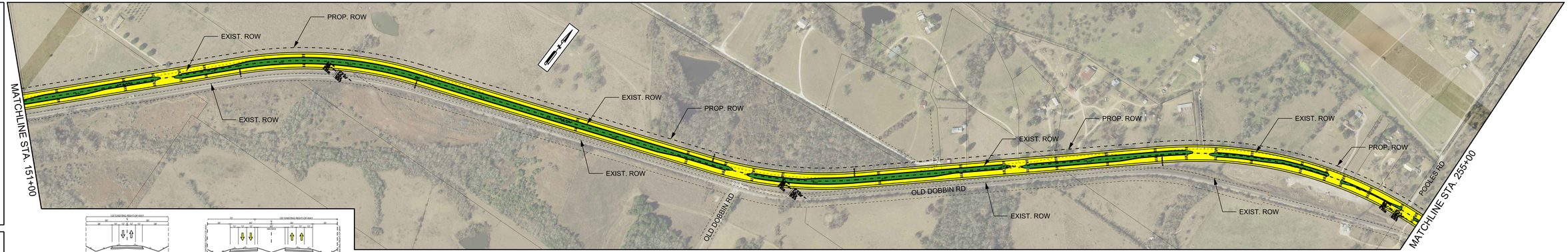
1 0.50 0.25 0.0 0.25 0.50

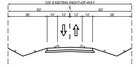
DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION RURAL ARTERIAL
MAIN-LANE DESIGN SPEED IN MULTI-LANE DIVIDED HIGHWAY
MAIN-LANE DESIGN SPEED: 65 MPH

3-TO MAIN LINE CURVE DATA

PI STATION	= 210+00.00
DELTA (RIGHT)	= 0° 28' 08.0" (RT)
DEGREE OF CURVE	= 0° 28' 08.0"
RADIUS	= 12,223.67
TANGENT	= 1,000.00
LENGTH	= 2,000.00
PC STATION	= 190+00.00
PT STATION	= 210+00.00
PI STATION	= 227+75.75
DELTA (RIGHT)	= 0° 28' 08.0" (RT)
DEGREE OF CURVE	= 0° 28' 08.0"
RADIUS	= 12,223.67
TANGENT	= 1,000.00
LENGTH	= 2,000.00
PC STATION	= 226+75.75
PT STATION	= 246+75.75
PI STATION	= 257+75.75
DELTA (RIGHT)	= 0° 28' 08.0" (RT)
DEGREE OF CURVE	= 0° 28' 08.0"
RADIUS	= 12,223.67
TANGENT	= 1,000.00
LENGTH	= 2,000.00
PC STATION	= 256+75.75
PT STATION	= 276+75.75
SUPERELEVATION	= 4.00%




120 EXISTING RIGHT-OF-WAY
80
12
12
80
12
12
4
4
12
12
12