HOUSTON DISTRICT
PROJECT DEVELOPMENT

PROPOSED SH 105

PRELIMINARY
SUBJECT TO CHANGE

SCHEMATIC LAYOUT
SH 105

COUNTY: MONTGOMERY
CONTROL: 0080-01-001
PROJECT: SH 105
CSJ: 0080-01-001
DATE: 03/2020
APPROVED: (S)

PLAN PRESENTATION
PS

SHEET NO.

LEGEND

DESCRIPTION	SYMBOLOGY	WIDTH	ORDER
PROPOSED RAIL LINES		1	BLDG 2
PROPOSED BRIDGE		1	BLDG 2
PROPOSED PAVED DITCHES		1	BLDG 2
PROPOSED CULVERTS		1	BLDG 2
PROPOSED UNPAVED CONDITIONS		1	CONTOUR 2
PROPOSED CONTOURS		1	CONTOUR 2
PROPOSED RIP RAP LINES		1	BLDG 2
PROPOSED RIP RAP AREA		1	BLDG 2
PROPOSED RAISED MEDIANS		1	MEDIANS 2
PROPOSED RAISED MEDIANS		1	MEDIANS 2
PROPOSED CURBS		1	CURBS 2
PROPOSED CURBS		1	CURBS 2
PROPOSED TRACK LIT ACH		1	BLDG 2
PROPOSED TRACK		1	BLDG 2
CLEARED AREA		1	BLDG 2
CLEARED AREA		1	BLDG 2
EXISTING TRACK		1	BLDG 2
EXISTING TRACK		1	BLDG 2
EXISTING CURBS		1	CURBS 2
EXISTING CURBS		1	CURBS 2
EXISTING CONTOURS		1	CONTOUR 2
EXISTING CONTOURS		1	CONTOUR 2
EXISTING CULVERTS		1	BLDG 2
EXISTING CULVERTS		1	BLDG 2
EXISTING RIP RAP LINES		1	BLDG 2
EXISTING RIP RAP AREA		1	BLDG 2

COLORFILL LEGEND

PROPOSED PAVED AREAS	
SIDEWALKS	
BRIDGE	

SCALE

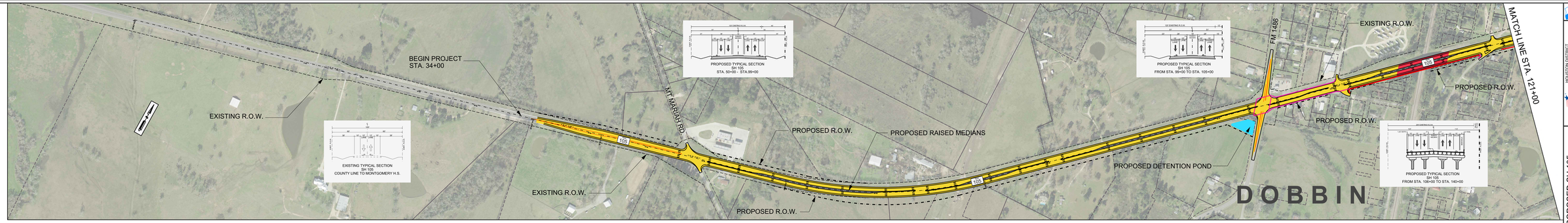
1" 2" 3" 4"

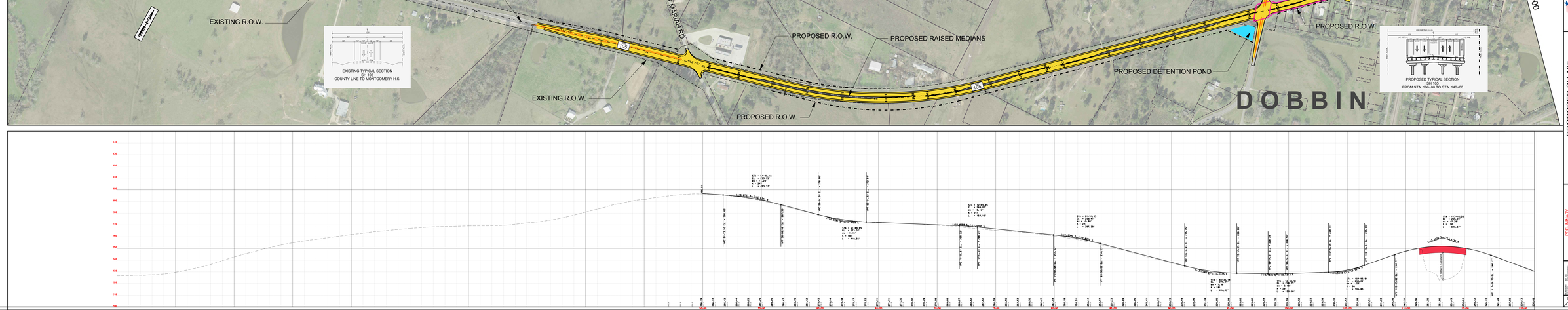
DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION: RURAL ARTERIAL
MAIN LANE DESIGN CRITERIA: MULTI-LANE DIVIDED HIGHWAY
MAIN LANE DESIGN SPEED: 55 MPH

ALIGNMENT DATA

BL STATION	= 34+00.97
DELTA	= 0° 00' 44.78" (LT)
DEGREE OF CURVE	= 0° 30' 00"
TANGENT	= 44.78
LENGTH	= 89.56
EC STATION	= 35+90.53
BC STATION	= 35+45.75
EC STATION	= 74+06.54
BL STATION	= 74+07.11
DELTA	= 0° 00' 00.00" (LT)
DEGREE OF CURVE	= 0° 30' 00"
TANGENT	= 0.57
LENGTH	= 1.14
EC STATION	= 74+08.68
BC STATION	= 74+07.54




340
330
320
310
300
290
280
270
260
250
240
230
220
210
200
EXISTING GROUND
PROPOSED GRADE
EXISTING GROUND
PROPOSED GRADE
EXISTING GROUND
PROPOSED GRADE