HOUSTON DISTRICT
PROJECT DEVELOPMENT

FM 518 RIGHT OF WAY ALTERNATIVES

PRELIMINARY
SUBJECT TO CHANGE

SCHEMATIC LAYOUT

FM 518

COUNTY:	BRAZORIA	CSJ:	0918-45-000
ROUTE:	FM 518	DATE:	07/01/2020
FROM:	SH 288	APPROVED:	00/00/00
TO:	SILVERLAKE PKWY		

SCALE: 1" = 100'

LEGEND

LEGEND	COLOR	LEGEND	COLOR
PROPOSED CURB		PROPOSED RIGHT OF WAY	
PROPOSED EDGE OF PAVEMENT		PROPOSED RIGHT OF WAY (ALT 1)	
PROPOSED CURB (ALT 1)		PROPOSED RIGHT OF WAY (ALT 2)	
PROPOSED EDGE OF PAVEMENT (ALT 1)		PROPOSED RIGHT OF WAY (ALT 3)	
PROPOSED CURB (ALT 2)		PROPOSED RIGHT OF WAY (ALT 4)	
PROPOSED EDGE OF PAVEMENT (ALT 2)			
PROPOSED CURB (ALT 3)			
PROPOSED EDGE OF PAVEMENT (ALT 3)			
PROPOSED CURB (ALT 4)			
PROPOSED EDGE OF PAVEMENT (ALT 4)			

COLORFILL LEGEND

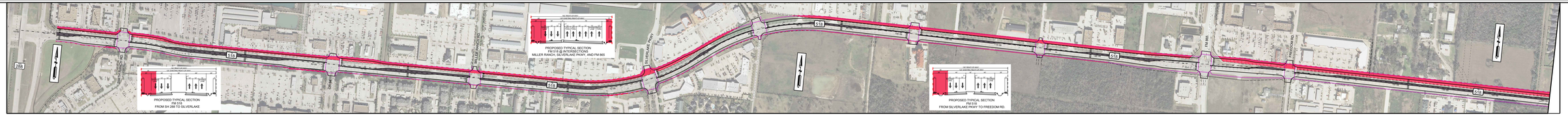
PROPOSED ASPHALT (ALT 1)	
PROPOSED ASPHALT (ALT 2)	
PROPOSED ASPHALT (ALT 3)	
PROPOSED ASPHALT (ALT 4)	
PROPOSED CONCRETE (ALT 1)	
PROPOSED CONCRETE (ALT 2)	
PROPOSED CONCRETE (ALT 3)	
PROPOSED CONCRETE (ALT 4)	
TEMPORARY SURFACE	

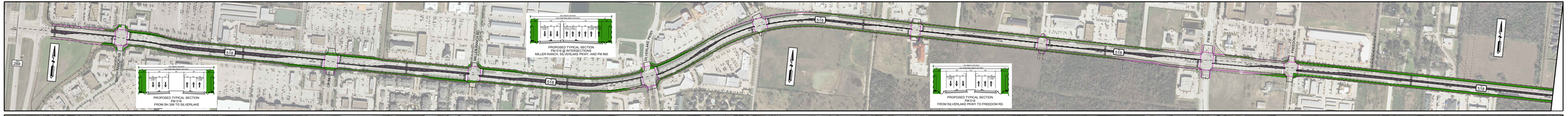
SCALE

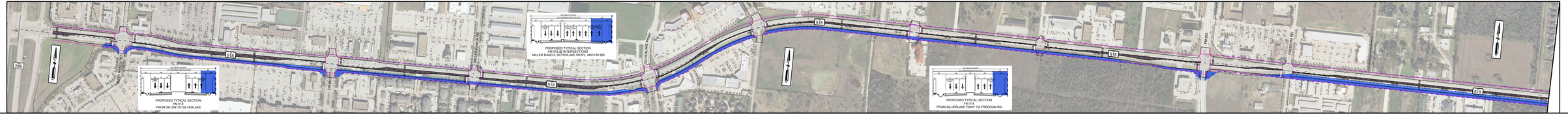
1" 0" 10' 20' 30' 40'

DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION: RURAL PRIMARY
DESIGN SPEED: 55 MPH (SH 288 TO SILVERLAKE)
MAIN LANE DESIGN SPEED: 70 MPH
PROPOSED ROADWAY SURFACE: ASPHALT (SH 288 TO SILVERLAKE)
PROPOSED ROAD DESIGN SPEED: 55 MPH
MAIN LANDSCAPE SPECIES: BLUEBONNETS







HOUSTON DISTRICT
PROJECT DEVELOPMENT

FM 518 RIGHT OF WAY ALTERNATIVES

PRELIMINARY
SUBJECT TO CHANGE

SCHEMATIC LAYOUT

FM 518

COUNTY: HARRIS
PROJECT: FM 518
SECTION: 1 MILE
DATE: 2/28/2018
DESIGNED: MARCUS
DRAWN: MARCUS

SCALE: 1" = 100'

LEGEND

ALL LANDMARKS		
EXISTING RIGHT OF WAY		
PROPOSED RIGHT OF WAY		
EXISTING CURBS		
PROPOSED CURBS		
EXISTING PAVEMENT		
PROPOSED PAVEMENT		
EXISTING BRIDGE		
PROPOSED BRIDGE		
EXISTING RIGHT OF WAY		
PROPOSED RIGHT OF WAY		

COLORFILL LEGEND

EXISTING LANES (MAIN LANES) - 2ND
EXISTING LANES (FRONTAGE ROAD) - 3RD
PROPOSED MAIN LANES - 4TH
PROPOSED MAIN LANES - 5TH
SHOW CURBS

SCALE

1" 0" 1" 2" 3" 4"

DESIGN CRITERIA

FUTURE TOTAL 6 LANES FOR TOTAL FREEWAY
MAIN LANE DESIGN SPEED 50 MPH
MAIN LANE DESIGN VOLUME 1 LANE
FRONTAGE ROAD DESIGN SPEED 30 MPH
FRONTAGE ROAD DESIGN VOLUME 1 LANE

PROPOSED TYPICAL SECTION
FM 518
@ INTERSECTION REED BLVD.

PROPOSED TYPICAL SECTION
FM 518
FROM FREEDOM RD. TO WOODY RD.

PROPOSED TYPICAL SECTION
FM 518 @ INTERSECTIONS
OAK RD., ROY RD., WOODY RD.,ECT

OAK RD.
OLD SPUR 518
ROY RD.
SUBURBAN GARDEN RD.
COLBY RD.
HATTIE RD.
WOODY RD.
MILBURT DR.
518

FM 518 RIGHT OF WAY ALTERNATIVES

PROJECT DEVELOPMENT

HOUSTON DISTRICT
PROJECT DEVELOPMENT

PRELIMINARY
NOT FOR CONSTRUCTION