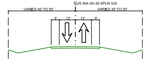
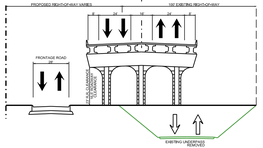
HOUSTON DISTRICT
PROJECT DEVELOPMENT

US 90A/SH 36 PUBLIC HEARING

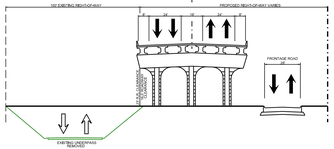
PRELIMINARY
SUBJECT TO CHANGE



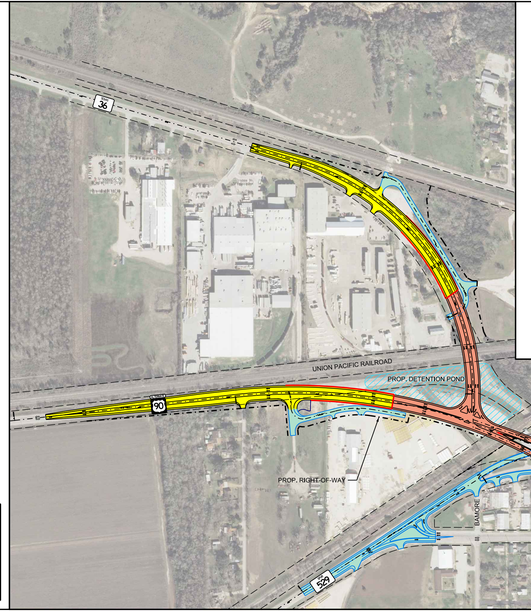
EXISTING TYPICAL SECTION
US 90A SH 36 SPUR 529



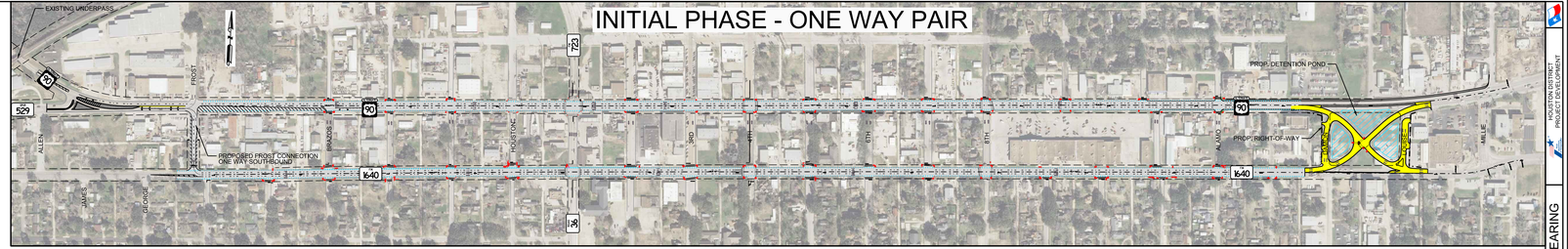
PROPOSED TYPICAL SECTION - SH 36

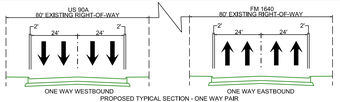


PROPOSED TYPICAL SECTION - US 90A



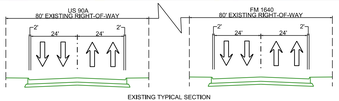
INITIAL PHASE - ONE WAY PAIR





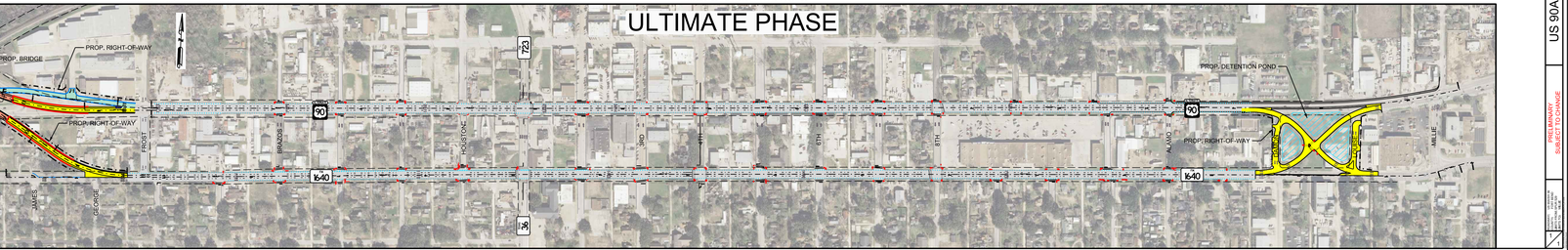
PROPOSED TYPICAL SECTION - ONE WAY PAIR

PROJECTED YEAR 2024 TRAFFIC VOLUMES



EXISTING TYPICAL SECTION

ULTIMATE PHASE



DESIGNATION AHEAD
US 90A/SH 36
COUNTY: FORT BEND
LIMITS FROM: SPUR 529
TO: SH 36
CSJ: 0080-04-XXX
DIST #: 12
DATE:
SHEET #:

SHEET INDEX

LEGEND

EXISTING	PROPOSED	AREA	PROPOSED
RIGHT-OF-WAY LINE			RURAL 4 LANE
PROPERTY LINE			RURAL 6 LANE
PROPERTY LINE (UNDEFINED)			RURAL 8 LANE
PROPERTY LINE (CONTROLLED ACCESS)			URBAN 4 LANE
PROPERTY LINE (RAILROAD)			URBAN 6 LANE
PROPERTY LINE (MAJOR)			URBAN 8 LANE
PROPERTY LINE (MINOR)			FRONTAGE ROAD
PROPERTY LINE (CORPORATE)			RAMP
PROPERTY LINE (SURVEY)			
PROPERTY LINE (ABSTRACT)			
EASEMENT			
EASEMENT (TEMPORARY)			
EASEMENT (CLEAR ZONE)			
EASEMENT (UTILITY)			
RAILROAD			

COLOR/FILL LEGEND
NEW LANE
EXISTING PAVEMENT CONDITION
FRONTAGE ROADS
BRIDGE

SCALE
0" 30" 60" 90"

DESIGN CRITERIA
FUNCTIONAL CLASSIFICATION (URBAN) ARTERIAL
DESIGN SPEED: 50 MPH (SH 36 & SPUR 529), 45 MPH (FRONTAGE ROADS), 40 MPH (RAMPS), 30 MPH (SERVICE ROADS)
NUMBER OF LANES: 4 (SH 36 & SPUR 529), 2 (FRONTAGE ROADS), 1 (RAMPS)
TYPICAL LANE WIDTH: 12' (SH 36 & SPUR 529), 12' (FRONTAGE ROADS), 12' (RAMPS)
SHOULDER WIDTH: 10' (SH 36 & SPUR 529), 8' (FRONTAGE ROADS), 8' (RAMPS)
SHOULDER TYPE: INSIDE - CURB & GUTTER, OUTSIDE - CURB & GUTTER (SH 36 & SPUR 529), CURB & GUTTER (FRONTAGE ROADS), CURB & GUTTER (RAMPS)
MEDIAN WIDTH: 16' (SH 36 & SPUR 529), 4' (FRONTAGE ROADS), 4' (RAMPS)
MEDIAN TYPE: RAISED CURB (SH 36 & SPUR 529), RAISED CURB (FRONTAGE ROADS), RAISED CURB (RAMPS)
MAXIMUM GRADE: 4% (SH 36 & SPUR 529), 4% (FRONTAGE ROADS), 4% (RAMPS)
MINIMUM RADIUS: 1,432' (SH 36 & SPUR 529), 1,432' (FRONTAGE ROADS), 1,432' (RAMPS)
SUPERELEVATION: 4% (SH 36 & SPUR 529), 4% (FRONTAGE ROADS), 4% (RAMPS)
VERTICAL CLEARANCE: 16'-6" (SH 36 & SPUR 529), 16'-6" (FRONTAGE ROADS), 16'-6" (RAMPS)
DESIGN VEHICLE: WB-67 (SH 36 & SPUR 529), WB-67 (FRONTAGE ROADS), WB-67 (RAMPS)
DESIGN LOADING: HL-93 (SH 36 & SPUR 529), HL-93 (FRONTAGE ROADS), HL-93 (RAMPS)