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CITY OF MANASSAS

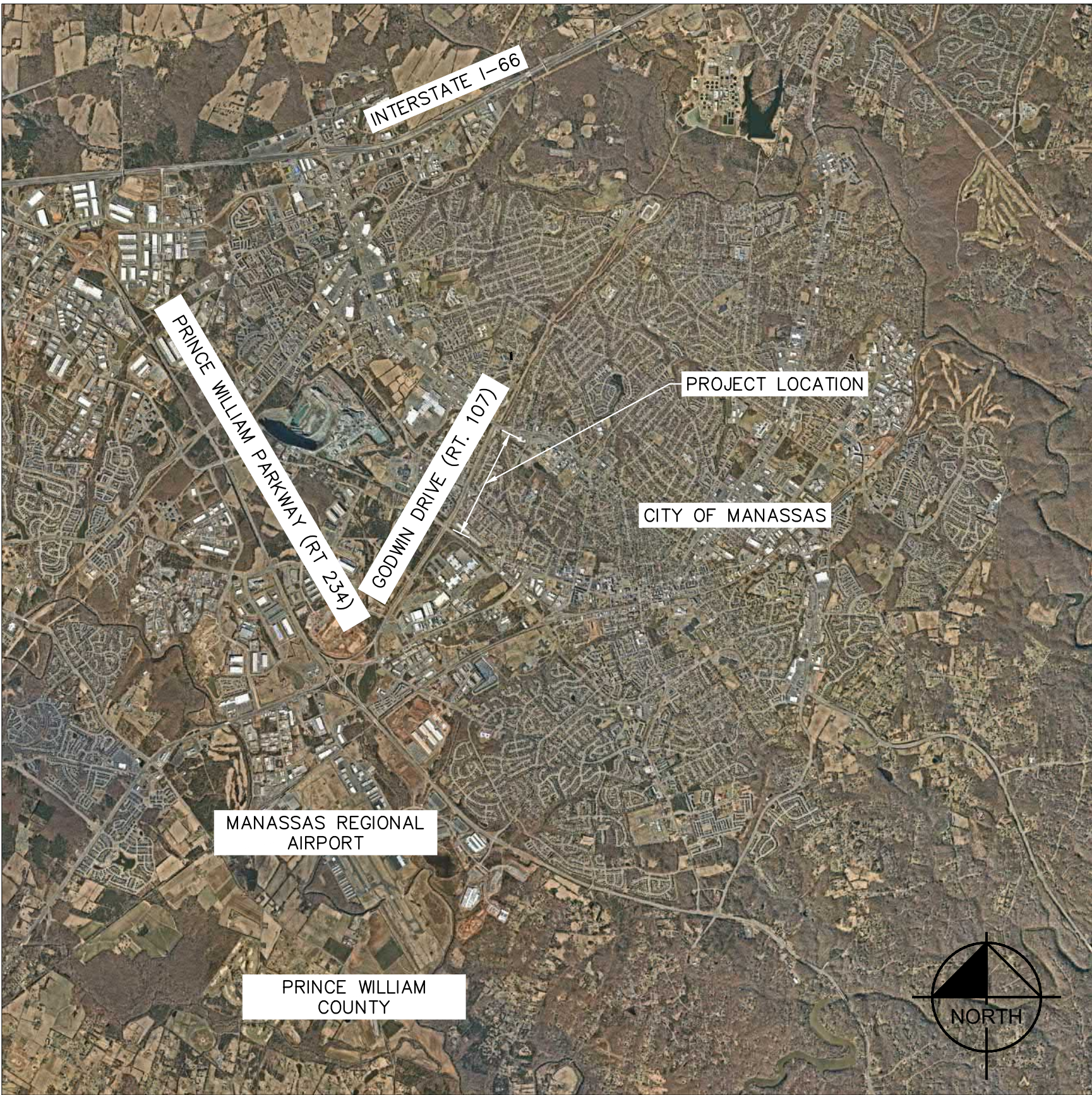
GODWIN DRIVE SHARED USE PATH

BETWEEN WELLINGTON ROAD AND SUDLEY ROAD

CONCEPTUAL SKETCH

SEPTEMBER 1, 2022

PRELIMINARY RIGHT-OF-WAY DATA		
PARCEL ID	TEMPORARY CONSTRUCTION EASEMENT	FEE SIMPLE RIGHT-OF-WAY OR PERMANENT EASEMENT
10201008	50 SF	10 SF
10201007	970 SF	430 SF
1131400A	660 SF	-
113010051B2	1900 SF	-
113010051B3	860 SF	180 SF
113010051B1	610 SF	1400 SF
1131714	280 SF	-
1131715	340 SF	-
1131716	300 SF	-
1131717	230 SF	-
1131718	250 SF	-
1131719	230 SF	-
11317110	230 SF	-
11317111	230 SF	-
11317112	230 SF	-
11317113	230 SF	-
11317114	200 SF	-
113200043	280 SF	-
113200044	230 SF	-
113200045	230 SF	-
113200046	230 SF	-
113200047	230 SF	-
113200048	230 SF	-
113200049	230 SF	-
113200050	230 SF	-
1125000F	400 SF	-
11201001	970 SF	270 SF



LOCATION MAP
1" = 5000'

SUMMARY OF SCOPE

THE PROPOSED PROJECT WILL CONSTRUCT A 10-FOOT-WIDE SHARED USE PATH ALONG THE EAST SIDE OF GODWIN DRIVE FROM WELLINGTON ROAD TO SUDLEY ROAD. INTERSECTION IMPROVEMENTS FOR PEDESTRIANS WILL BE MADE FOR ONE CROSSING AT THE INTERSECTION OF GODWIN DRIVE AND WELLINGTON ROAD, AND FOR ALL FOUR CROSSINGS AT THE INTERSECTION OF ASHTON AVENUE WITH GODWIN DRIVE.

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA	
	GODWIN DRIVE (RT. 107)
ROADWAY FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL
AADT (2019)	17000
GS STANDARD	GS-6
V (MPH)	45

IMPERVIOUS AREA	
PRE-PERVIOUS AREA	3.79 AC
PRE-IMPERVIOUS AREA	1.77 AC
POST-PERVIOUS AREA	2.84 AC
POST-IMPERVIOUS AREA	2.72 AC
CHANGE IN IMPERVIOUS AREA	+0.95 AC

FINAL
CONCEPTUAL
PLANS

NOT FOR
CONSTRUCTION

PROP FULL DEPTH PAVEMENT

PROP CONC SIDEWALK, MEDIANS, AND ISLANDS

PROP GRADING

PROP SHARED USE PATH

PROP MILL AND OVERLAY

PROP CURB & GUTTER

PROP RETAINING WALL

PROP STORM DRAIN

PROP PERM. EASEMENT

PROP ROW

PROP TEMP. ESMT.

PROP DRAINAGE STRUCTURE

PROP DITCH

EXIST ROW

EXIST CURB/EDGE OF PAVEMENT

FEMA 100-YR FLOODPLAIN

PREDICTED WETLANDS

EXISTING UTILITY

GODWIN DRIVE
SHARED USE PATH BETWEEN
WELLINGTON ROAD AND
SUDLEY ROAD

Kimley»Horn

SHEET NUMBER

1

ADD STREETLIGHTING ON APPROACH TO GODWIN DRIVE

REMOVE EXIST. GUARDRAIL

ADD STREETLIGHTING ON APPROACH TO WELLINGTON ROAD

EXIST. SAN. SEWER MANHOLE

INSTALL PEDESTRIAN RAILROAD CROSSING GATE

PROP. DETECTABLE WARNING SURFACE

PROP. "CYCLISTS MUST DISMOUNT" SIGN

POTENTIAL AREA FOR LINEAR BMP

EXIST. HANDHOLES

10' SHARED USE PATH

GODWIN DRIVE (RT. 107)

100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00 111+00

ADD STREETLIGHTING ON APPROACH TO WELLINGTON ROAD

LIMITS OF DISTURBANCE

TIE TO GODWIN SHARED USE PATH T-059

ADD STREETLIGHTING ON APPROACH TO GODWIN DRIVE

WELLINGTON ROAD (RT. 4352)

ADJUST EXIST. SAN. SEWER MANHOLE TO GRADE

PROP. ADA RAMP

EXIST. HEADWALL

PROP. 55' HR-1, TYPE III

NORFOLK SOUTHERN

PROP. "CYCLISTS MUST DISMOUNT" SIGN

EXIST. 24" RCP CULVERT TO BE EXTENDED 18', REPLACE ES-1

INSTALL PEDESTRIAN RAILROAD CROSSING GATE

TRAIL NARROWS TO 6' TO CROSS NORFOLK SOUTHERN RAIL ROAD

COORDINATE CROSSING DESIGN WITH NORFOLK SOUTHERN RAIL ROAD. CROSSING LOCATED WITHIN CITY ROW

2.5' BETWEEN SHARED USE PATH AND ROW LINE

PROPOSED 18' OF 24" RCP WITH ES-1 END SECTIONS

PROPOSED TEMP. CONS. ESMT.

EXIST. SAN. SEWER MANHOLES

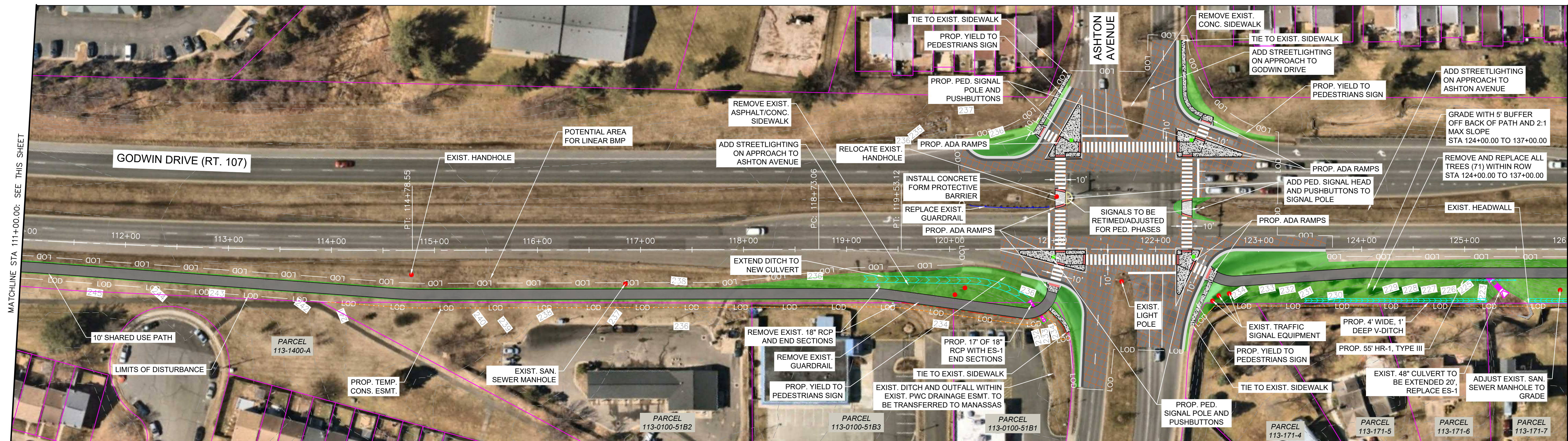
EXIST. ES-1

PROPOSED PERM. DRAINAGE ESMT.

PARCEL 102-01-00-8

PARCEL 102-01-00-7

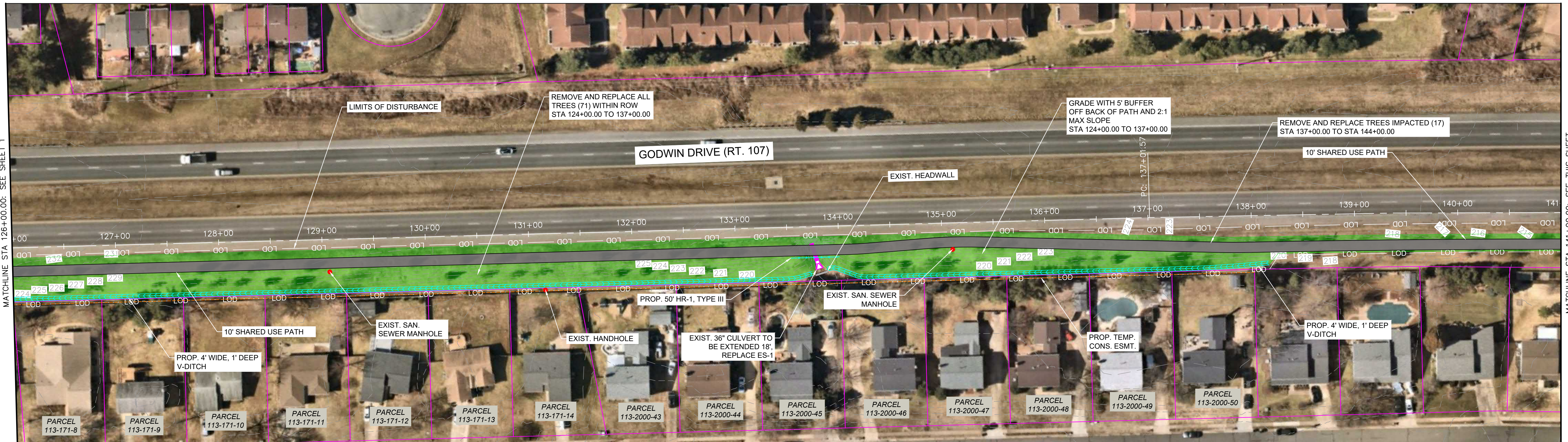
PARCEL 113-1400-A



FINAL CONCEPTUAL PLANS NOT FOR CONSTRUCTION	 PROP FULL DEPTH PAVEMENT  PROP CONC SIDEWALK, MEDIANS, AND ISLANDS  PROP GRADING  PROP SHARED USE PATH  PROP MILL AND OVERLAY  PROP CURB & GUTTER	 PROP RETAINING WALL  PROP STORM DRAIN  PROP PERM. EASEMENT  PROP ROW  PROP TEMP. ESMT. PROP DRAINAGE STRUCTURE	 PROP DITCH  EXIST ROW  EXIST CURB/EDGE OF PAVEMENT  FEMA 100-YR FLOODPLAIN  PREDICTED WETLANDS  EXISTING UTILITY	GODWIN DRIVE SHARED USE PATH BETWEEN WELLINGTON ROAD AND SUDLEY ROAD	GRAPHIC SCALE IN FEET  		Kimley»Horn	SHEET NUMBER 2
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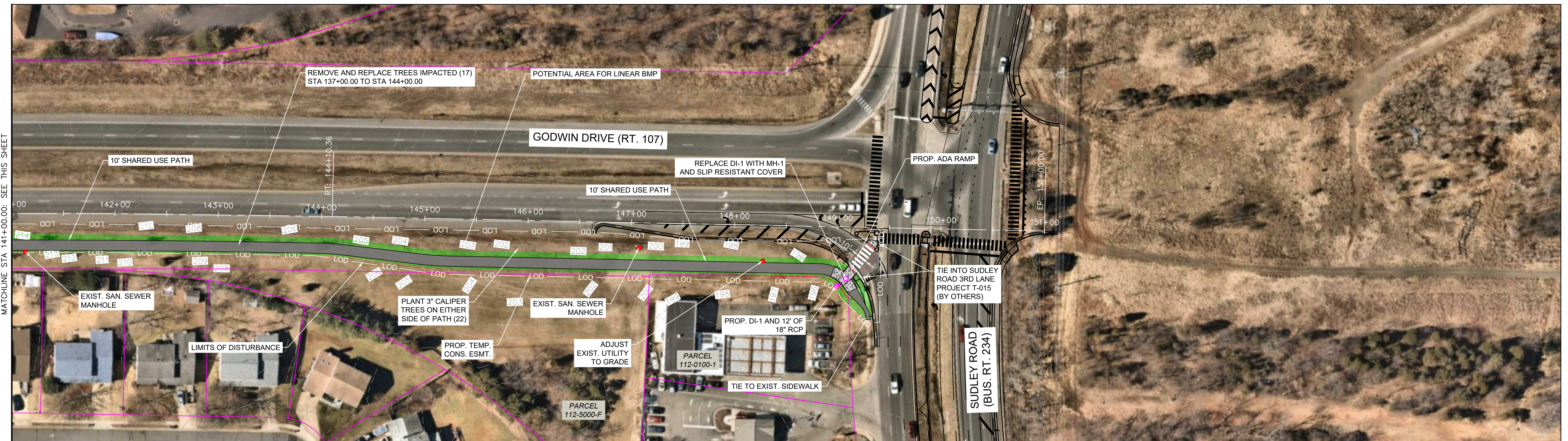
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MATCHLINE STA 126+00.00: SEE SHEET 1



MATCHLINE STA 141+00.00: SEE THIS SHEET

MATCHLINE STA 141+00.00: SEE THIS SHEET



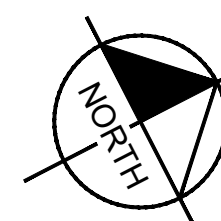
**FINAL
CONCEPTUAL
PLANS**

NOT FOR
CONSTRUCTION

	PROP FULL DEPTH PAVEMENT		PROP RETAINING WALL		PROP DITCH
	PROP CONC SIDEWALK, MEDIANS, AND ISLANDS		PROP STORM DRAIN		EXIST ROW
	PROP GRADING		PROP PERM. EASEMENT		EXIST CURB/EDGE OF PAVEMENT
	PROP SHARED USE PATH		PROP ROW		FEMA 100-YR FLOODPLAIN
	PROP MILL AND OVERLAY		PROP TEMP. ESMT.		PREDICTED WETLANDS
	PROP CURB & GUTTER		PROP DRAINAGE STRUCTURE		EXISTING UTILITY

GODWIN DRIVE
SHARED USE PATH BETWEEN
WELLINGTON ROAD AND
SUDLEY ROAD

GRAPHIC SCALE IN FEET
0 25 50 100



Kimley»Horn

SHEET NUMBER

3