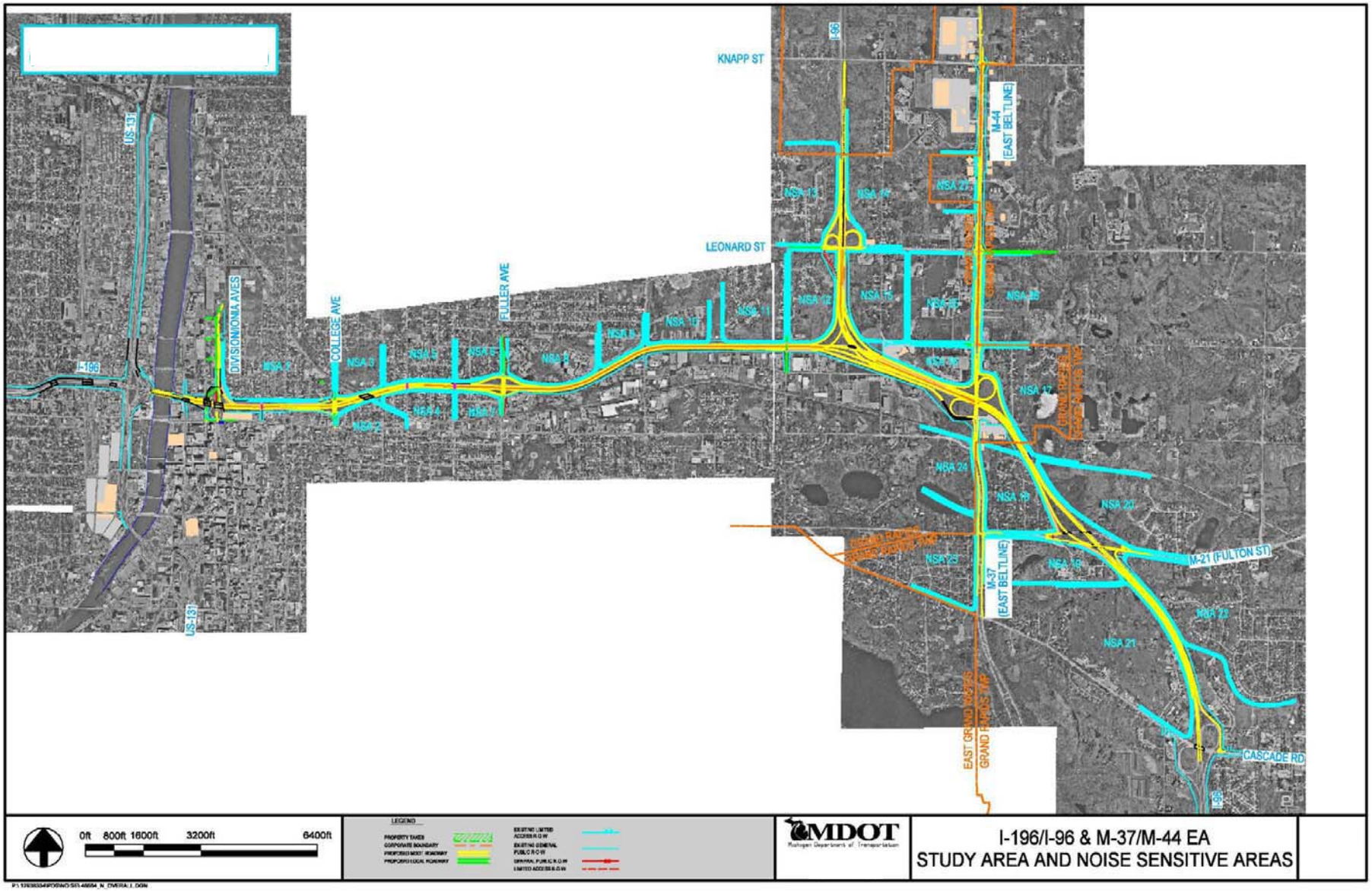

KNAPP ST
LEONARD ST
I-96
M-44 (EAST BELTLINE)
M-37 (EAST BELTLINE)
M-21 (FULTON ST)
CASCADE RD
US-131
I-196
DIVISION/IONIA AVES
COLLEGE AVE
FULLER AVE
NSA 1
NSA 2
NSA 3
NSA 4
NSA 5
NSA 6
NSA 7
NSA 8
NSA 9
NSA 10
NSA 11
NSA 12
NSA 13
NSA 14
NSA 15
NSA 16
NSA 17
NSA 18
NSA 19
NSA 20
NSA 21
NSA 22
NSA 23
NSA 24
NSA 25
0ft 800ft 1600ft 3200ft 6400ft
LEGEND
PROPERTY TAKES
CORPORATE BOUNDARY
PROPOSED MDOT ROADWAY
PROPOSED LOCAL ROADWAY
EXISTING LIMITED ACCESS R.O.W.
EXISTING GENERAL PUBLIC R.O.W.
GENERAL PUBLIC R.O.W.
LIMITED ACCESS R.O.W.
MDOT
Michigan Department of Transportation
I-196/I-96 & M-37/M-44 EA
STUDY AREA AND NOISE SENSITIVE AREAS

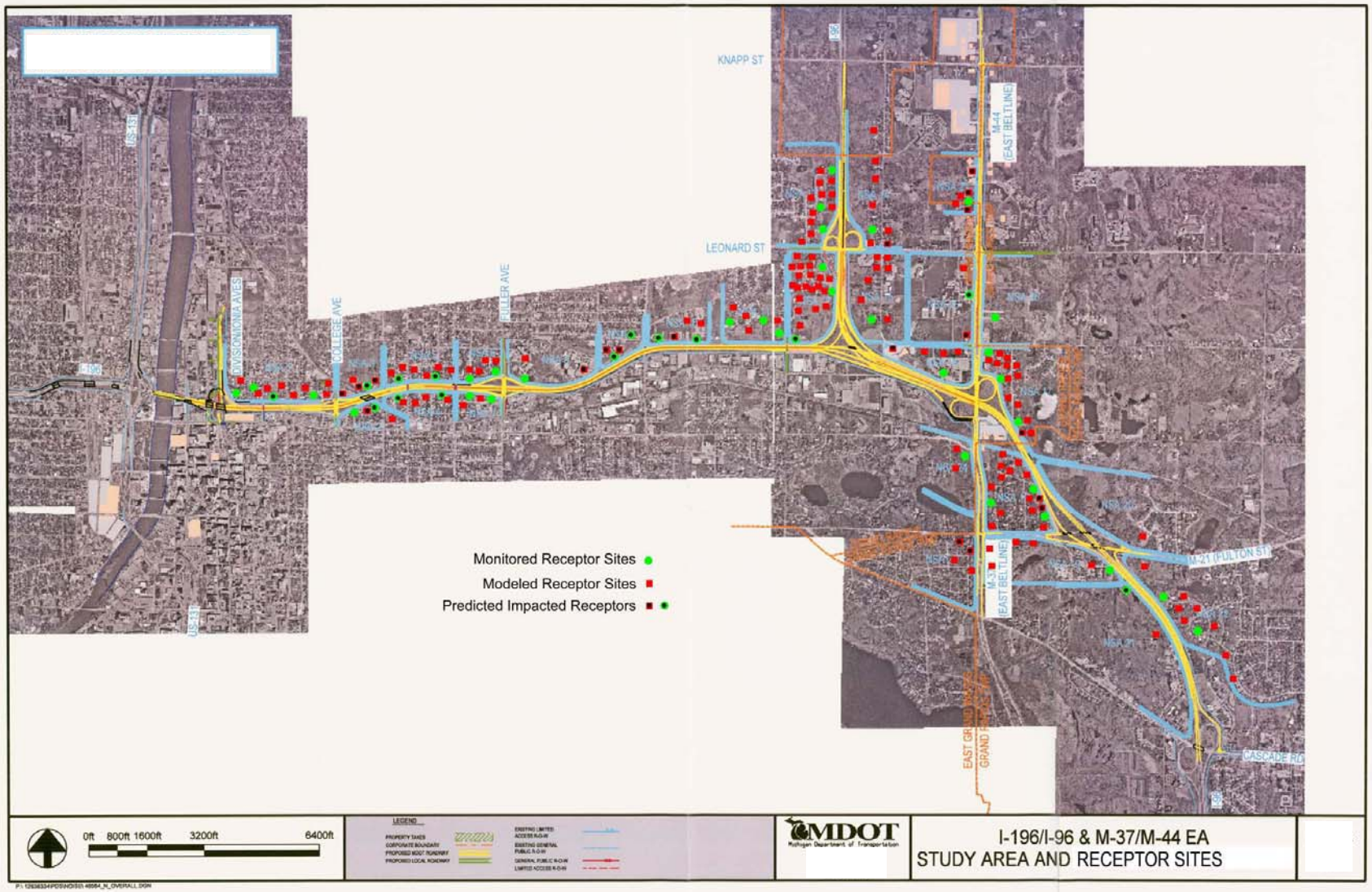
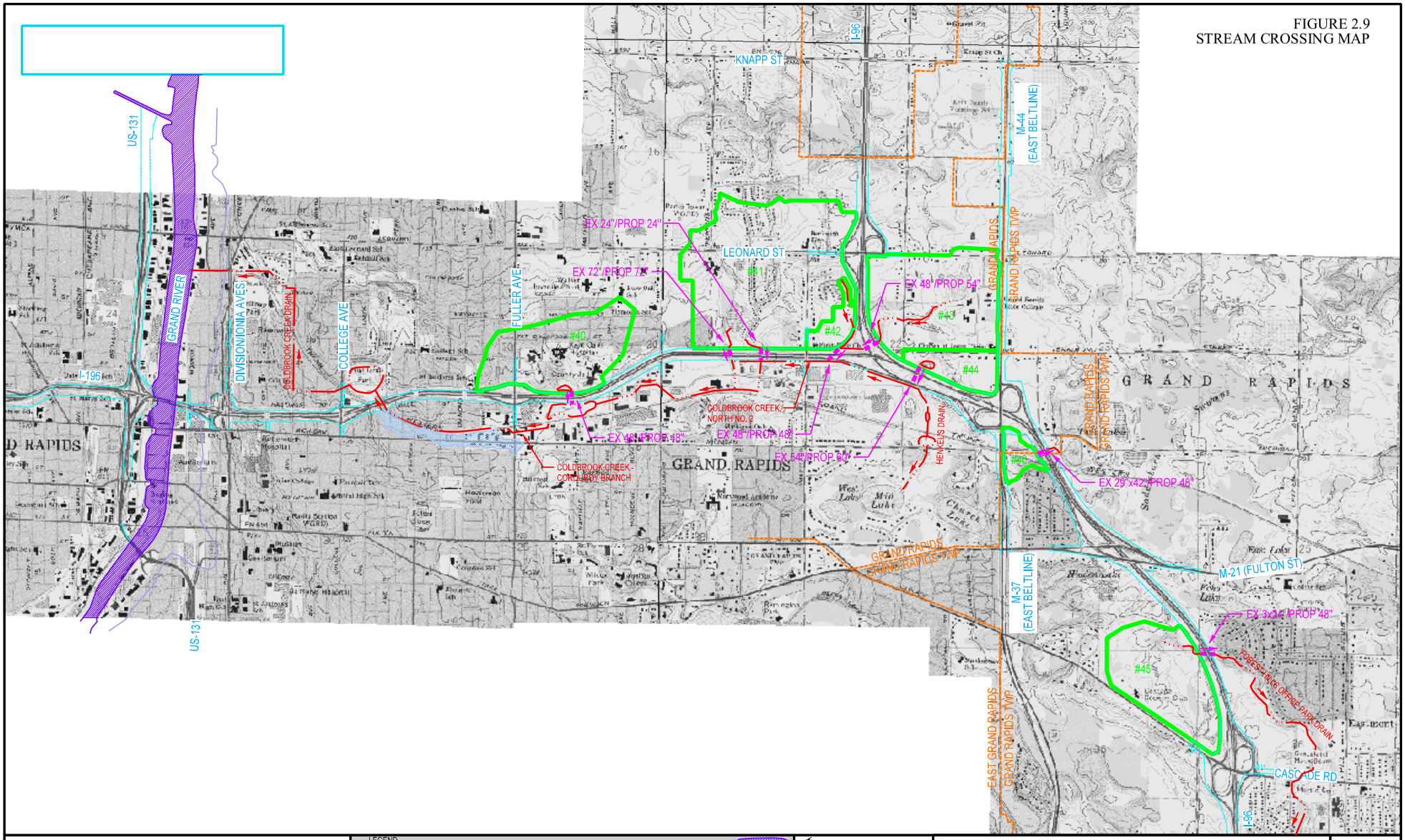

KNAPP ST
LEONARD ST
M-44 (EAST BELTLINE)
M-21 (FULTON ST)
CASCADE RD
FULLER AVE
COLLEGE AVE
WISCONSIN AVE
US-131
Monitored Receptor Sites
Modeled Receptor Sites
Predicted Impacted Receptors
0ft 800ft 1600ft 3200ft 6400ft
LEGEND
MDOT
Michigan Department of Transportation
I-196/I-96 & M-37/M-44 EA
STUDY AREA AND RECEPTOR SITES

FIGURE 2.9
STREAM CROSSING MAP



0ft 800ft 1600ft 3200ft 6400ft

LEGEND

CORPORATE BOUNDARY
EXISTING LIMITED ACCESS R-O-W
EXISTING GENERAL PUBLIC R-O-W
WATERWAYS
DRAINAGE AREAS
MAJOR CULVERTS
100 YEAR FLOODPLAINS
500 YEAR FLOODPLAINS
KENT COUNTY DETENTION PONDS
CITY OF GRAND RAPIDS "FLOOD-PRONE" AREAS

MDOT Michigan Department of Transportation
URS

FLOODPLAINS, WATERWAYS, AND MAJOR CULVERTS WITH DRAINAGE AREAS

P:\ 12938334\PDS\DRAINAGE\ 48564_D_EXISTING.DGN