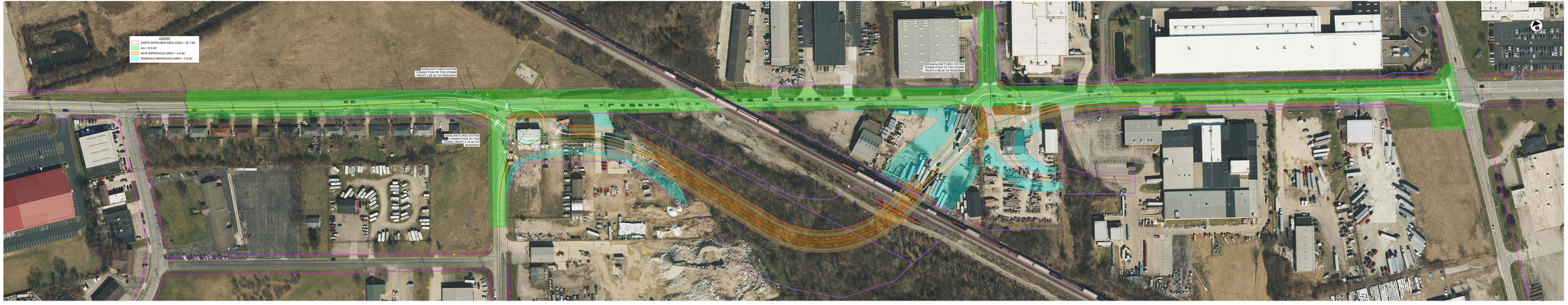
Appendix F Stormwater/ Drainage EDA and Treatment % calculations

Post Construction - Project Summary

Project Data	Units	Alt 1	Alt 2	Alt 3	Alt 4
Project EDA	acres	Not Analyzed	18.7	20	20.9
Is the Project Routine Maintenance per L&D Vol. 2, Sec. 1112.2			No	No	No
BMPs Required?	NA		**BMPs Required**	**BMPs Required**	**BMPs Required**
Ain (New Impervious Area in New Permanent R/W	acres		2.4	1.6	2.7
Removed Impervious Area inside New R/W			1.9	2.4	2.2
Ain (New Impervious Area in New Permanent R/W)	acres		0.5	-0.8	0.5
Does Entire Site Drain to Large River (>100 sq. miles)?			No	No	No
Water Quality Treatment Required			**Yes**	**Yes**	**Yes**
Water Quantity Treatment Required			**No**	**No**	**No**
Treatment Percent and Treatment Requirement					
Aix (Project EDA that is inside the existing right-of-way)	acres		8.3	10.3	10.4
Ain (New Impervious Area in New Permanent R/W)	acres		0.5	-0.8	0.5
T% (Treatment Percent)	**%**		**24.55**	**20.00**	**23.67**
Treatment Requirement	**acres**		**4.59**	**4.00**	**4.95**

SYMMES ROAD



HORIZONTAL SCALE IN FEET

0 50 100

SYMMES RD - GRADE SEPARATION
ALTERNATIVE 2

DESIGN AGENCY
HDR

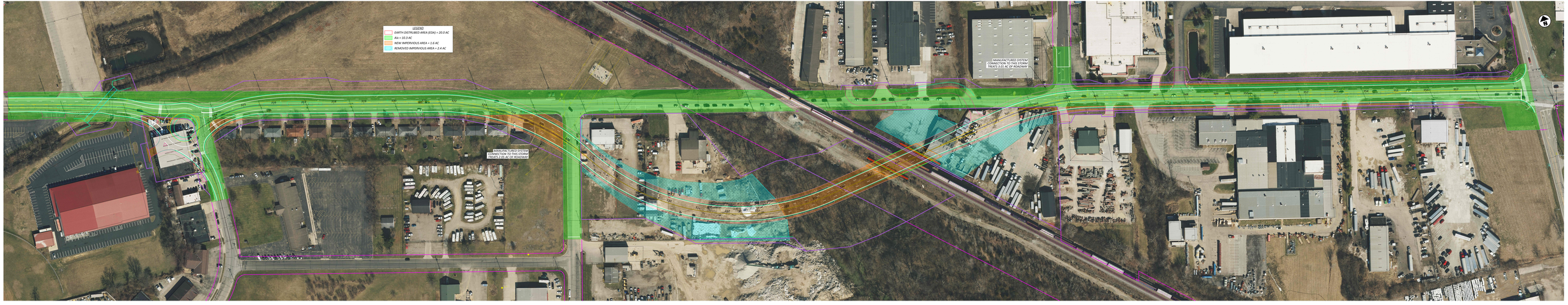
PROJECT
XXX

DESIGN FILE
XXX MM-DD-YY

PROJECT NO.
SYMMES RD

SHEET
1 1

SYMMES ROAD



HORIZONTAL SCALE: 1" = 40' (ft)

SYMMES RD - GRADE SEPARATION
ALTERNATIVE 3B

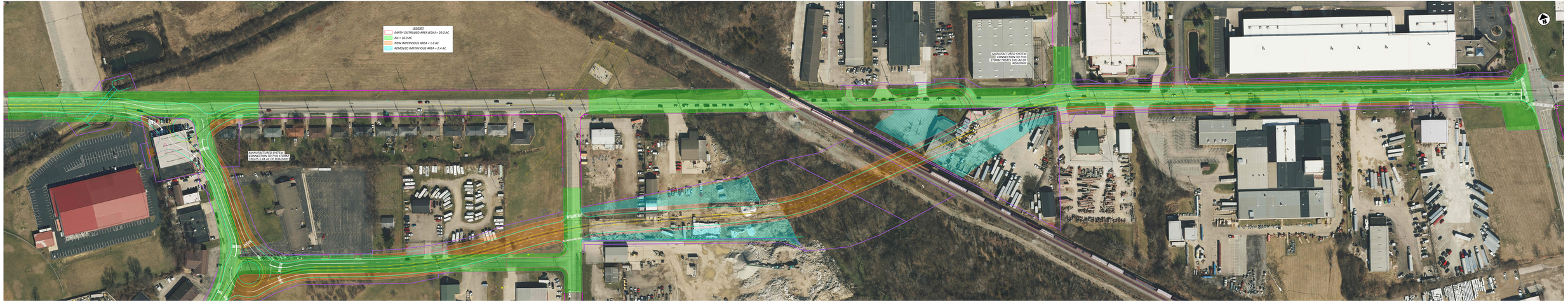
PREPARED BY:
HDR

PROJECT:
XXX

PROJECT NO:
XXX MM-GD-YZ

DRAWING NO:
SYMMES RD

SHEET
1 OF 1



SYMMES ROAD

VERTICAL SCALE: NTS

SYMMES RD - GRADE SEPARATION
ALTERNATIVE 4

PREPARED BY:
HDR

PROJECT:
XXX

PROJECT NO:
XXX MM-DD-YY

SHEET TITLE:
SYMMES RD

1 | 1