

ABIA Site Development Ordinance Briefing



City of Austin
Environmental Board Briefing
March 7, 2012

Purpose of Today's Presentation

- Present the need for a new site development ordinance for Austin-Bergstrom International Airport (ABIA)
- Provide an overview of key environmental provisions of the proposed new ordinance
- Receive Environmental Board questions and comments



Background

- Construction of ABIA was governed by Ordinance 94-1117-L
 - All facilities included in Ordinance 94-1117-L have been constructed
- A new ordinance is needed to establish future permitting and development requirements for ABIA



Bergstrom Air Force Base Circa 1995



ABIA Today



Existing Site Plan

	IMP. COVER (ACRES)	IMP. COVER (PERCENT)
EXISTING	992	23.8%

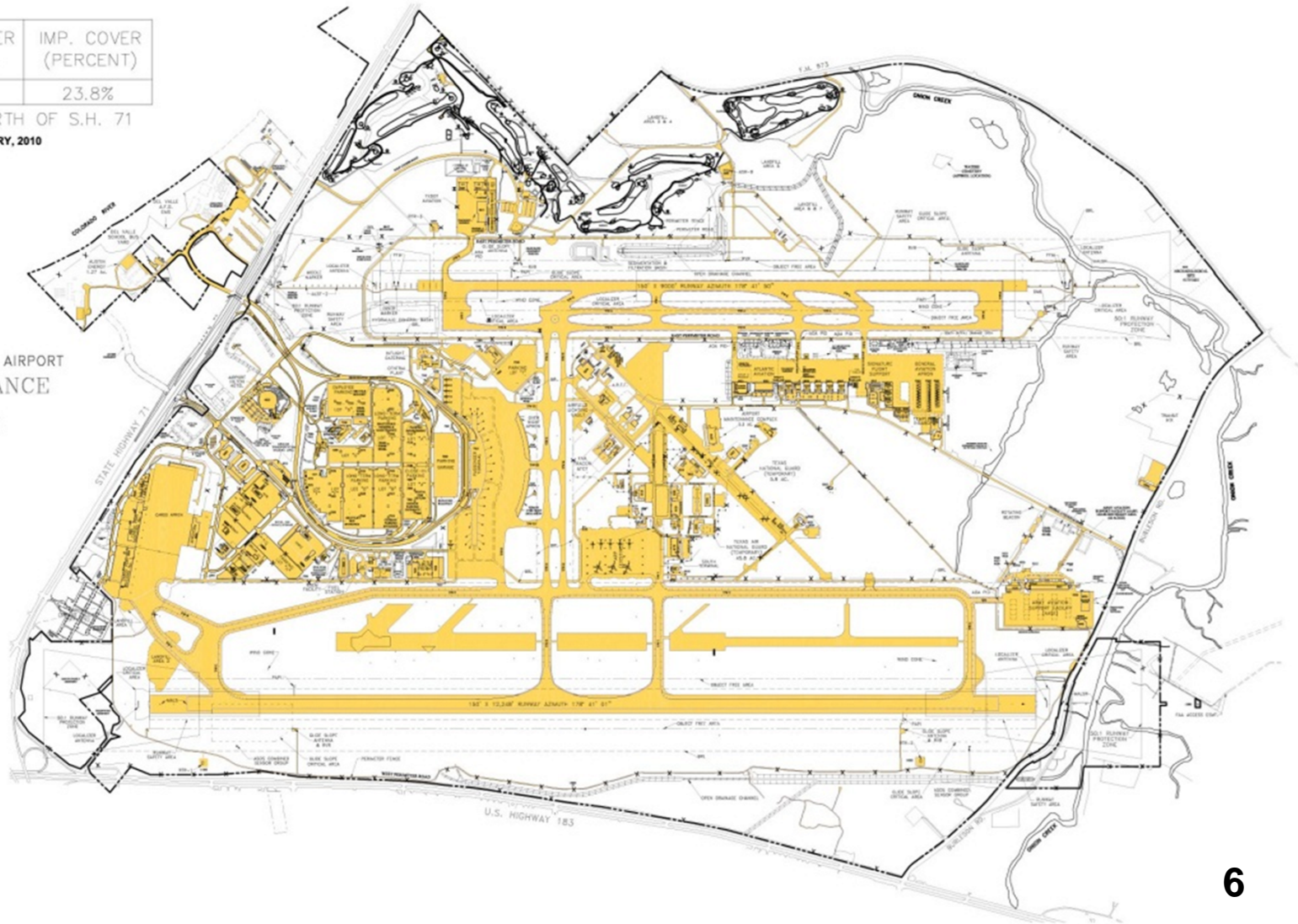
NOTE: EXCLUDES AREAS NORTH OF S.H. 71
GROUND CONDITIONS AS OF JANUARY, 2010

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT DEVELOPMENT ORDINANCE CURRENT SITE PLAN



LEGEND

EXISTING IMPERVIOUS COVER



Master Development Site Plan

IMPERVIOUS COVER SUMMARY			
	** ADDITIONAL IMP. COVER (ACRES)	IMP. COVER (ACRES)	IMP. COVER (PERCENT)
EXISTING	0.0	992	23.8%
NEAR TERM	177.0	1169.0	28.1%
ULTIMATE FUTURE	825.7	1994.7	47.9%

**NET IMPERVIOUS COVER ADDED

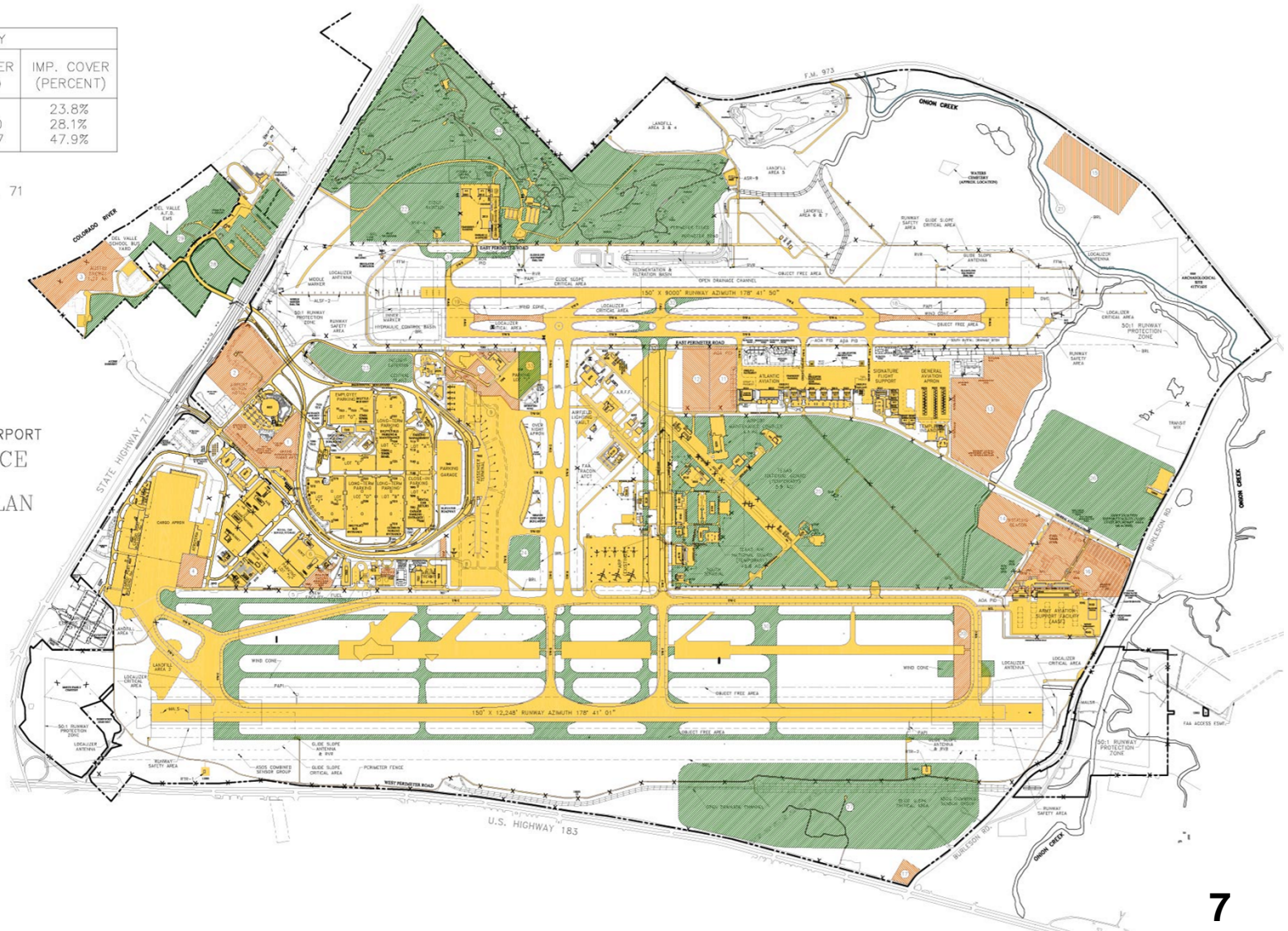
NOTE: EXCLUDES AREAS NORTH OF S.H. 71

AUSTIN-BERGSTROM INTERNATIONAL AIRPORT DEVELOPMENT ORDINANCE MASTER DEVELOPMENT PLAN



LEGEND

- EXISTING IMPERVIOUS COVER
- NEAR TERM IMPROVEMENTS
- ULTIMATE IMPROVEMENTS



Storm Water Master Plan Update

- Create an updated framework and processes for development of Storm water Facilities at ABIA, that:
 - Protects the Environment
 - Improves the efficiency of ABIA Permitting and Development Process
 - Maximizes the Beneficial Use of Developable Property at ABIA
- Develop technical basis for revisions to the the ABIA Site Development Ordinance



Key Results of the Storm Water Master Plan Update

- Participating in City of Austin Regional Storm Water Management Program (RSMP) for up to 300 acres of new impervious cover at ABIA
- Created a Campus-wide Water Quality Plan that Exceeds Water Quality Requirements
- Involve key City Stakeholders throughout project life cycle



Key ABIA Ordinance Environmental Provisions

- Commitment to Enhanced Water Quality Treatment
- Extension of Environmental Variances previously granted in the original ordinance to certain future development shown in the Master Development Plan, related to:
 - Section 25-5-81 (*Site Plan Expiration*) and Chapter 25-1, Article 12 (*Project Duration*)
 - Section 25-7-61 (A) (5) (*Criteria for Approval of Plats, Construction Plans, and Site Plans*)



Key ABIA Ordinance Environmental Provisions

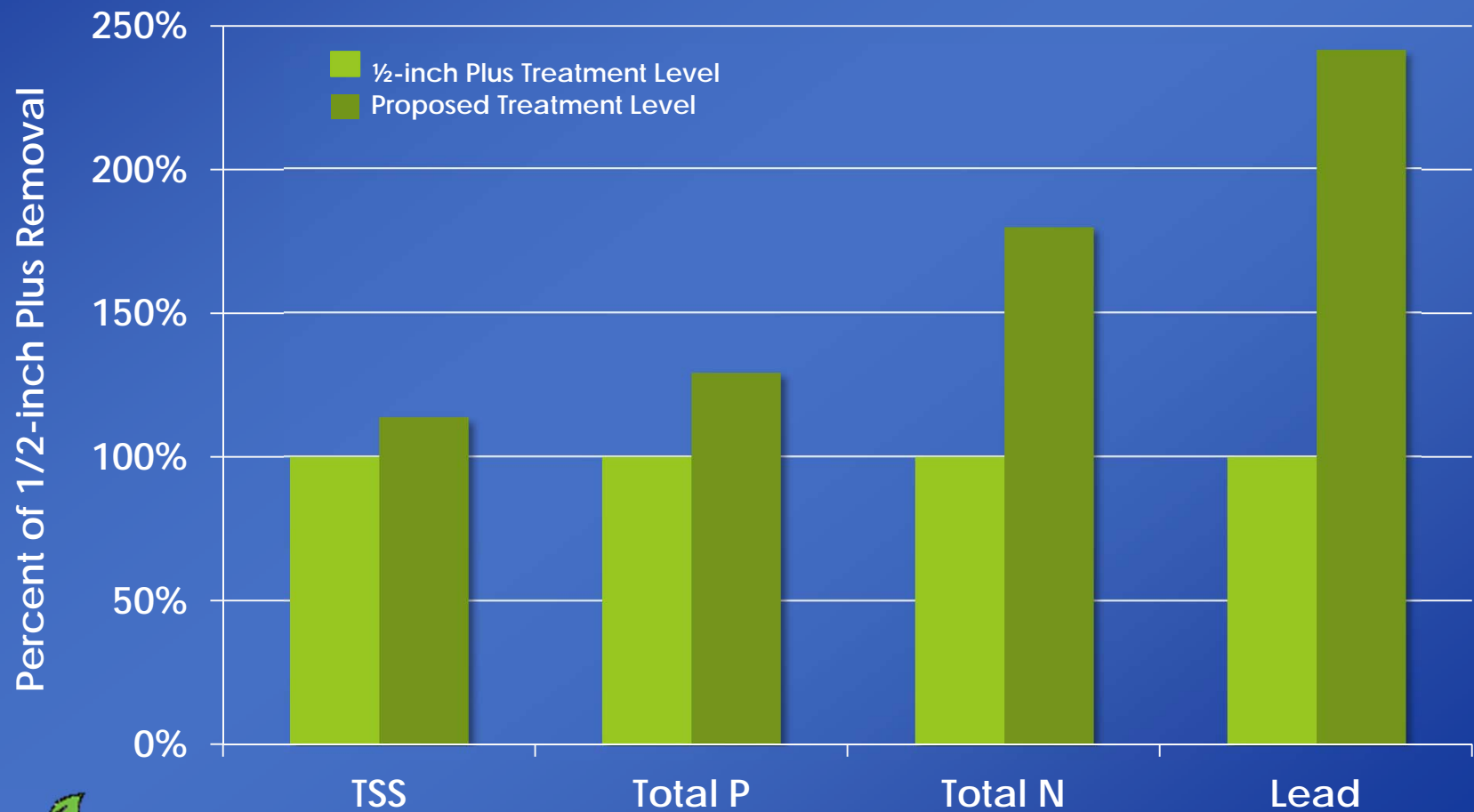
- Subsection (B) (2) of Section 25-8-213 (*Water Quality Control Standards*)
- Section 25-8-392 (*Critical Water Quality Zone*)
- Section 25-8-393 (*Water Quality Transition Zone*)
- Section 25-8-341 (*Cut Requirements*)
- Section 25-8-342 (*Fill Requirements*)
- Addition of the Constrained Development Area 1/2-inch capture provision



Constrained Development Area



Comparison of Load Removal for the Constrained Development Area



Commitment to Commercial Landscape Ordinance



From <http://watershedmg.org/green-streets/issues>



From http://h2o.enr.state.nc.us/wswp/images/swimages/swale_stories.htm



Proposed Schedule

Activity	Date
Interdepartmental Review	Done
Environmental Board Briefing	March 7
Planning Commission Codes & Ordinances Sub-committee Briefing	March 20
Environmental Board	April 4
Planning Commission	April 17
Council Action	May/June

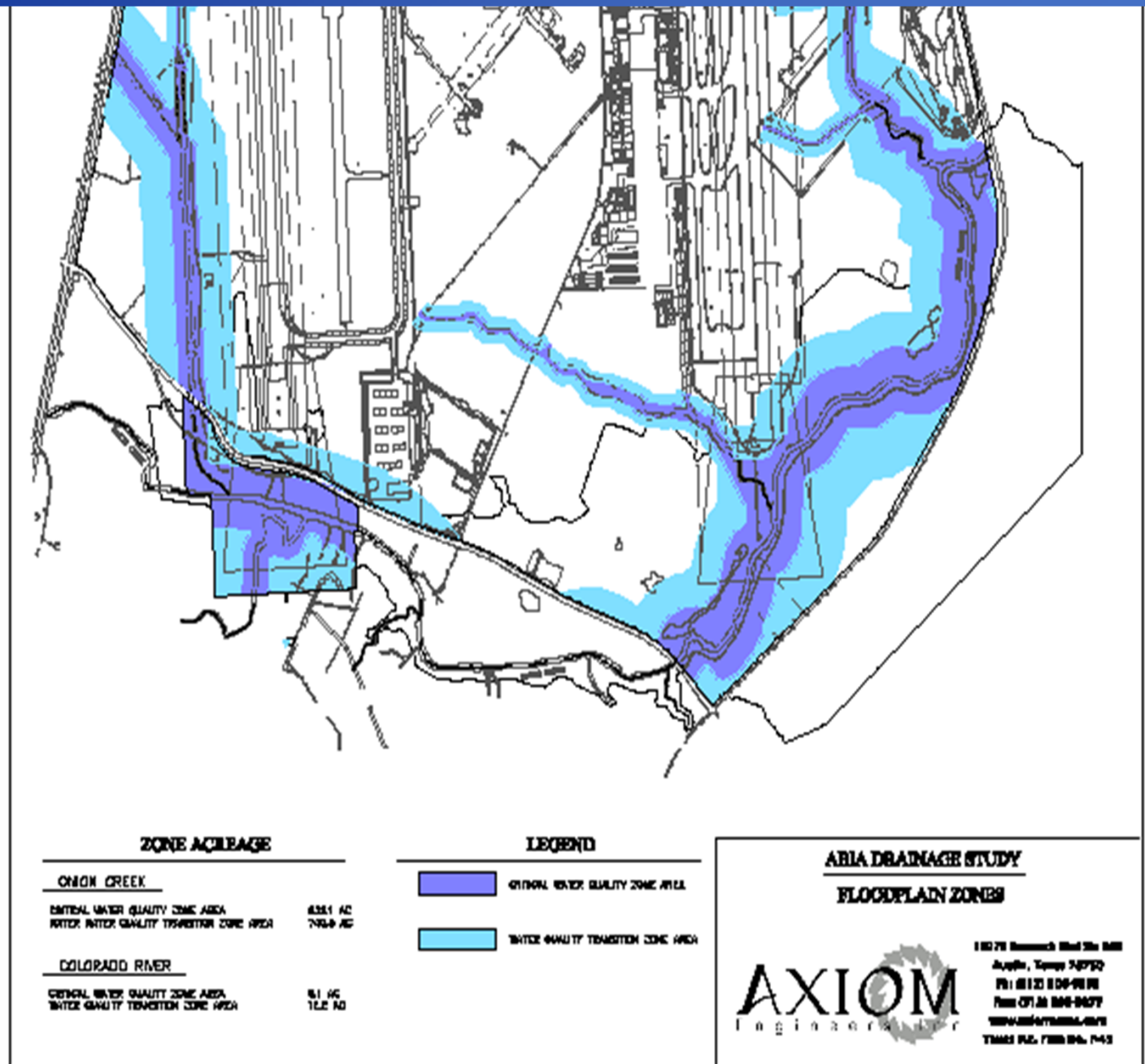


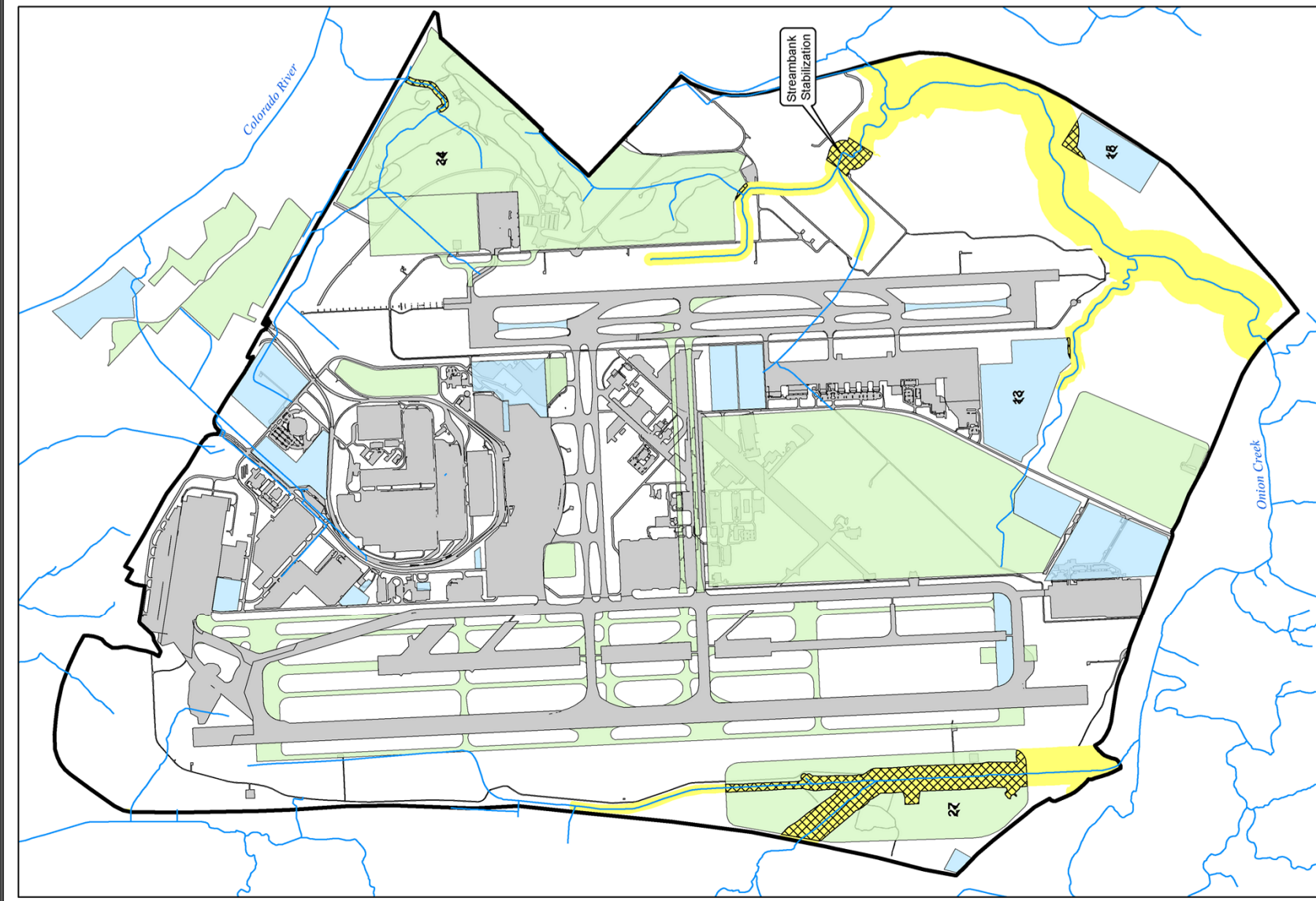
Questions and Discussion



Critical Water Quality Zones

Water Quality Transition Zones





Legend

- Waterways
- Existing Impervious Cover
- Near Term Improvements
- Ultimate Improvements
- Critical Water Quality Zones (CWQZ)
- CWQZ and Improvements Overlay Areas



Critical Water Quality Zones Within Proposed Improvement Areas
 Austin - Bergstrom International Airport (ABIA)
 STORMWATER DRAINAGE MASTER PLAN (SWMP) UPDATE
 Project No.: 4910-8107-3139

