

Construction Safety Plan (CSP) Checklist

14 CFR Part 139 Certificated Airports

Reference Advisory Circular 150/5370-2, *Operational Safety on Airports during Construction.*

All Applicable Items Must Be Included in Initial CSP Submittal

<p>Project Description: The Elgin O’Hare - West Bypass project is a preliminary engineering and environmental study focusing on the development of transportation system improvements to the west of O’Hare Airport.</p> <p>Proposed Start/End Date: Project is currently in early planning phase. Actual construction timeline is not yet established.</p>	Included	N/A
SCOPE OF WORK:		
Clearly identify the scope of work to be performed per phase, including proposed location and duration of work.		Development of a transportation system improvement concept for the Elgin O’Hare-West Bypass study area, including a DEIS and FEIS. Completion date – 2010.
AIRPORT RESCUE AND FIRE FIGHTING (ARFF):		
Clear routes depicted from ARFF stations to active airport operations areas and safety areas, around construction areas.		X
Provisions to notify ARFF personnel when working on water lines.		X
Emergency access roads affected by construction.		X
SECURITY:		
Identification of construction personnel and equipment.		X
Security control on temporary gates and relocated fencing.		X
GROUND VEHICLES:		
Ground vehicle driver’s training program description.		X
Contractors with unescorted access trained, or escorted, in accordance with ACM.		X
Vehicle marking and color requirements.		X
Penalty outlined for anyone involved in a vehicle deviation/runway incursion.		X
Employee parking areas identified (off airfield).		X
Construction vehicle parking restrictions noted.		X
CONSTRUCTION AREAS:		
Clearly depict all haul routes, time frame for use.		X

Barricade placement, description included.		X
Entry points for vehicles depicted.		X
	Included	N/A
Elevation of equipment operating on haul routes (only if not an existing road).		X
Foreign Object Debris (FOD) removal for haul routes that cross movement areas.		X
EXCAVATION / TRENCHES:		
Open excavations are identified to include distances from runway centerline, including duration. Will runway/taxiway be open with excavation present?		X
Marking and lighting for excavation.		X
Identify how the trenches will be covered and duration.		X
RUNWAY SAFETY AREAS (RSA):		
Clearly identify RSAs for each proposed and existing runway affected.	X	
Clearly identify construction located within the RSA, including scope of project and timeframe. If RSA will be reduced for construction, this must be identified.	X	Conceptual roadway design and preliminary footprints are included. Detailed design plans will be developed in subsequent phases of the project.
RUNWAYS:		
If a threshold is temporarily relocated (partial closure) include:		X
New Runway Length that will be available-		X
Threshold coordinates of temporary threshold and elevation		X
Description of new RSA equal to what existed prior to construction		X
Description of Lighting, Marking and Signage that will be available-		X
Distance Remaining signs, lighting color scheme		X
Proper NOTAMS (partial closure)		X
Status of NAVAID during temporary relocated threshold.		X
If a new permanent threshold is implemented (runway extension or shortening), ensure the following is completed prior to re-opening of the runway.		X
Obstruction survey required in scope of project		X
Part 139 inspection coordination		X
New Marking and Lighting Plan		X
New Runway Length, including threshold coordinates and elevations (FAA Form 7480-1)		X
Applicable ACM revisions		X

Specify if declared distances are implemented (TORA, TODA, ASDA, LDA)		X
TAXIWAY SAFETY AREAS (TSA):		
Scope and timeframe for constructions activities affecting TSA.		X
Specify the TSA dimensions for each existing and proposed taxiway affected.		X
If working within the TSA, description of use and procedures during aircraft operations.		X
MARKING AND LIGHTING:		
Lighting will be shielded to not effect the air traffic control tower or flight crews.		X
Marking and lighting of construction equipment.		X
Marking and lighting of construction areas.		X
Marking and lighting of closed airfield pavement areas.		X
Type of barricades, height and/or location, and light color.		X
Lighted X's location.		X
EQUIPMENT / STOCKPILING:		
Cranes/Equipment, provide for each point:		X
Location Coordinates		X
Ground Elevation		X
Height and Schedule		X
Description of the Crane/Equipment		X
Fence Line Placement depicts FAA cable and duct banks in the vicinity.		X
Batch Plant/Material Sorting/Stockpile Area		X
Location Coordinate		X
Maximum Structure Height		X
Duration (Permanent/Temporary)		X
NAVAIDS:		
Location of all existing and proposed NAVAIDS should be depicted.	X	Light plane, RPZ, TERPS and OIS shown as applicable
Existing and proposed NAVAID critical areas should be depicted	X	
Shutdown and/or protection of airport electronic/visual aids		X
Location of power & control lines for electronic/visual NAVAIDs and infrastructure.		X
Provision for temporary utilities and/or immediate repairs.		X
Work in NAVAID critical areas:		

Scope of Work		X
Duration		X

	Included	N/A
WILDLIFE MANAGEMENT:		
Ensure provisions are incorporated into the plan to minimize wildlife attractants during construction.		X
Construction plan must be in accordance with airports Wildlife Hazard Management Plan / Provisions (if applicable)		X
Ensure procedures, fencing and/or gates are in place to prevent inadvertent entry of wildlife hazards.		X
COMMUNICATION/NOTAMs:		
Proper NOTAMs issued describing current airport conditions, including cranes, construction areas, etc...		X
Points of Contact identified for relevant Airport/FAA/Consultants personnel on-site during construction duration.		X
14 CFR PART 139 COMPLIANCE:		
Provide adequate construction oversight to ensure Part 139 compliance.		X
All construction areas must be inspected by airport management in accordance with Part 139 prior to re-opening to air carriers.		X
REMARKS/COMMENTS:		
ANY SIGN, MARKING, LIGHTING OR CONFIGURATION CHANGE WILL REQUIRE ACM CHANGES. SUBMIT TO ACSI FOR APPROVAL PRIOR TO PROJECT COMPLETION.		

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