



# Oregon

Kate Brown, Governor

**Department of Transportation**  
Technical Services  
Office of Project Letting  
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Salem, OR 97302  
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Date: August 6, 2015

To: **PLAN HOLDERS**

**Notice of eBIDS Roadway  
Digital Design Data**

Subject: Key Number: 09436  
I-5: Siskiyou Safety Rest Area  
Pacific Highway  
Jackson County  
Grading, Paving, Drainage, Guardrail, and Signing  
September 17, 2015

ODOT design staff have prepared an "eBIDS Handoff Package" that contains roadway digital design data. The digital data includes alignment data and three-dimensional surfaces provided in LandXML format, as described in the attached eBIDS Handoff Checklist and Computer File Index.

The "eBIDS Handoff Package" roadway digital design data provided on the eBIDS reference documents site is for bidding purposes only. As with all documents on the eBIDS reference documents site, use of this data for any other purpose is at the Bidder's own risk.

In addition to the "eBIDS Handoff Package", a "Construction Survey Handoff Package" may be provided to the awarded Contractor at the pre-survey meeting. Additional information regarding the content of the Construction Survey Handoff Package is provided in [Appendix M](#) of ODOT's Highway Design Manual. The roadway digital design data provided to the awarded Contractor may be used to aid in the use of automated machine control equipment, such as GPS grade control, for earthwork construction. Three dimensional representations of physical project component "solids" (pipes, footings, structures, poles, etc.) will not be provided.

Attachments: eBIDS Handoff Checklist and Computer File Index

## ODOT Roadway Digital Design - eBIDS Handoff Checklist\*

PROJECT	I-5: SISKIYOU REST AREA REPLACEMENT
HIGHWAY	INTERSTATE 5 (PACIFIC HWY)
COUNTY	JACKSON
KEY #	09436
CONTRACT #	14834
MILEPOINTS	MP 12.29 TO MP 13.69
DATE	8/3/2015

ITEM	DESCRIPTION**	REQUIRED	COMPLETE?
<b>Notice of eBIDS Roadway Digital Design Data Letter</b>	Include Notice of eBIDS Roadway Digital Design Data Letter using template provided.	Yes	<input checked="" type="checkbox"/>
<b>Computer File Index***</b>	List of computer file names with a brief description for all provided files	Yes	<input checked="" type="checkbox"/>
<b>Alignment Data</b>	Primary Alignments in LandXML Format	Yes	<input checked="" type="checkbox"/>
	Secondary Alignments in LandXML Format	Not Currently Required	<input type="checkbox"/>
<b>Surface Data</b>	Design Finish Surface in LandXML Format	Yes	<input checked="" type="checkbox"/>
	Design Subgrade Surface in LandXML Format	Not Currently Required	<input type="checkbox"/>
	Design Top of Rock in LandXML Format	Not Currently Required	<input type="checkbox"/>
	Existing Ground Surface in LandXML Format (to be supplied by Project Surveyor)	Yes	<input checked="" type="checkbox"/>
<b>Cross Sections</b>	Cross Sections every 25 feet and at critical points (i.e. taper points, guardrail flare transitions, impact panels, super elevation breaks, etc.) that contain Finish Grade, Existing Ground, Subgrade, and relevant components (guardrail, curb, sidewalk, etc.) in pdf format.	Yes	<input checked="" type="checkbox"/>
<b>Corridor Map Index</b>	Exhibits showing finish grade triangles for Design Finish Grade surfaces provided as part of Surface Data, described above. Exhibits to be provided in pdf format.	Not Currently Required	<input type="checkbox"/>

\*Refer to Appendix M of ODOT Highway Design Manual for example eBIDS Handoff Packages

\*\*Refer to Chapter 16.4 of ODOT Highway Design Manual for Additional Description of Required Content and Data Formats

\*\*\*ODOT's 3D Roadway Design Committee recommends that the designer only post roadway digital design data content and formats listed here.

I-5 SISKIYOU REST AREA REPLACEMENT  
 Pacific Highway No. 1  
 Jackson County

Key # 09436  
 Contract # 14834  
 Designed by Chris Zelmer, PE  
 Date 8/7/2015

FILE TYPE	FILE NAME	DESCRIPTION		
MicroStation	<i>Model</i>			
	NO MICROSTATION FILES PROVIDED DURING BID PROCESS. FILES WILL BE PROVIDED AT SURVEY HAND-OFF MEETING.			
<b>InRoads (VnRoads)</b>		<b>Alignment</b>		
<b>ALIGNMENT DATA (Land XML)</b>	<b>File Name</b>	<b>Type</b>	<b>Description</b>	
	19436d.alg			
	Bldg Pad	Primary	Used for Internal site rough grading alignment around buildings	
	CAR Line	Primary	Access road from Crowson	
	CrowsonRd	Primary	C' Line - Crowson Road alignment from design	
	D_Line	Primary	Material disposal alignment 10' from right-of-way for toe of slope	
	NB_I5	Primary	I-5 NB skip	
	NPA Line	Primary	North pond Access from RP line	
	RA Line	Primary	Rest area decel accel and vehicle parking	
	RP Line	Primary	RV parking alignment and drive loop	
	SPA Line	Primary	south pond access	
<b>SURFACE DATA (Land XML)</b>	<b>File Name</b>	<b>Type</b>	<b>Description</b>	
	BP	Finish Grade	Building pad, internal site grading	
	NBI5_Widen	Finish Grade	NB I-5 right shoulder widening from 1629+25 to 1646+28	
	RA_Line	Finish Grade	RA line finish grade surface	
	RP_Line	Finish Grade	RA line finish grade surface	
	SRA	Finish Grade	south pond access finish grade surface	
	CAR	Finish Grade	car line finish grade surface	
	NPA	Finish Grade	North Pond access finish grade surface	
	MtlDisposal	Finish Grade	Material Disposal site finish grade	
	SP	Finish Grade	South Pond	
	NP	Finish Grade	North Pond	
	09436og	Original Ground	Original ground surface from survey	
<b>CROSS SECTIONS (PDF)</b>	<b>File Name</b>	<b>Description</b>		
	BP_crosssections	Building Pad grading for internal rest area site		
	CAR_crosssections	Car Road		
	I5_crosssections	NB I-5 right shoulder widening from 1629+25 to 1646+28		
	MtlDisposal_crosssections	Excess Material disposal site along RA line fill slope		
	NPA_crosssections	North pond access		
	RA_crosssections	RA (rest area) alignment cross sections		
	RP_crosssections	RP alignment cross sections		
	SPA_crosssections	south pond access cross sections		