APPENDIX D

Final Details
Forms

The latest versions of these forms can be found on Alberta Transportation's website: https://www.transportation.alberta.ca/919.htm

SUMMARY TABLE – APPENDIX D
FINAL DETAILS FORMS

Form No.	Form Name
D.01	Summary Final Details to Department
D.02	Summary Final Details Retained by Consultant
D.03	Checking Final Details - Summary
D.04	Checking Final Details - Grading
D.05	Checking Final Details - Surfacing
D.06	Details of Final Estimate - GRAND SUMMARY
D.07	Summary of Subgrade Construction
D.08	Details of Widths and Thicknesses
D.09	Details of Mob - Site Occ - Agg Supply
D.10	Summary of Borrow Pits
D.11	Bid Item Details - Miscellaneous
D.12	Bid Item Details - Length Based
D.13	Bid Item Details - Area Based
D.14	Bid Item Details - Volume Based
D.15	Bid Item Details - Gravel Surf-ACP-Base with Haul
D.16	Summary of Extra Work Orders
D.17	Final Details - ACP - EPS Projects
D.18	Final Details IRI – ACP- EPS Projects
D.19	Final Details Project Summary Information

Alberta Transportation

Summary of Final Details to be Submitted to the Department

Contract No.: _____ **Contractor:** _____

Type of Work: _____

Job/WAC No.: _____ **Project:** Hwy XX:xx (km xx.xx to km xx.xx)

Region: _____ **Consultant:** _____

CHECK LIST					
✓	Form Ref.	DOCUMENT	FORMAT	Each Hwy	Each BF
	n/a	Project Summary Report	Both	X	X
	D.01	Summary of Final Details Submitted - To DEPARTMENT	Both	X	X
	D.02	Summary of Final Details Retained - by CONSULTANT	Both	X	X
	D.03 to D.05	Checking Final Details - Checklists (D.03 General, D.04 Grading, D.05 Surfacing)	Both	X	X
	A.s03 to A.s05	Documentation of Incidents/accidents	PDF	X	X
	n/a	Documentation of Alberta OH&S Orders	PDF	X	X
	D.06	Details of Final Estimate - Grand Summary	Both	X	X
	n/a	Final Estimate (**ORIGINAL**) - (include EWO (A.03) and Cost Overrun Approval Form (A.04) related to this estimate)	Hard Copy Originals	X	X
	D.07	Summary of Subgrade Construction (grading projects only)	PDF	X	
	D.08	Details of Widths and Thicknesses (1 for early submission to TSB)	PDF	X	
	D.09	Bid Item Details - Mobilization, Site Occupancy, Traffic Accommodation assessment, Lane Closure, Damages for Delay, and Supply of Aggregate	PDF	X	X
	A.06 &/or A.07 &/or A.06-07B	Weekly Construction Report with Site Occupancy Assessment (signed), Include Photo Template as required	PDF	X	X
	A.23	Diesel Fuel Cost Adjustment	PDF	X	
	A.14	Project Completed or Shutdown Report	PDF	X	
	BIM System	BIM Form - Completed by Certified Inspector. Site specific form from BIM system. Include copy of letter to Region's BIM Consultant for Data entry	PDF		X
	D.10	Summary of Borrow Pits (Include Supporting Docs, Pre Disturbance and Post Assessments)	PDF	X	
	D.11 to D.15	Bid Item Details (Misc., Length, Area or Volume based, and Gravel Surfacing, ACP and Base with haul.)	PDF	X	X
	D.16	Summary of Extra Work (attach copies of Extra Work Orders)	PDF	X	X
	D.17, D.18	Final Details ACP/EPS Projects, Final Details IRI – ACP EPS	Both	X	
	D.19	Final Details Project Summary Information	PDF and Email via Form	**Per Contract**	
	B.09 to B.11	Daily Lot Paving Reports	PDF	X	
	B.16	Appeal Test Results	PDF	X	
	B.07	Asphalt Mix Design and Job Mix Formula Summary Sheet (For Cold In-Place & Full Depth Reclamation - submit full mix design)	PDF	X	
	B.18	Segregation Summary Report	PDF	X	
	B.19	Smoothness Reports - Profilograph Index Report (PDF) and Profilograph Rolls (original), or IRI reports	PDF	X	

✓	Form Ref.	DOCUMENT	FORMAT	Each Hwy	Each BF
	C.12	Concrete Testing Summary including all Concrete Test Reports	PDF	X	X
		Concrete Trial Batch Test Results	PDF		X
		Concrete Mix Designs and Aggregate Testing Reports	PDF	X	X
		Compaction Test Results (Bridge formats will vary)	PDF		X
		Aggregate Gradation Reports for backfill material (Bridge formats will vary)	PDF		X
		Post tensioning grout test results	PDF		X
	n/a	Utility Agreements including Invoices/Payments for Adjustments	PDF	X	X
	n/a	Other 3rd party agreements (cost share etc.)	PDF	X	X
	n/a	Project photographs taken by consultant	JPEG	X	X
	n/a	Environmental Permits/Approvals and any amendments	PDF	X	X
	n/a	Copy of Contract with Unit Prices (include field markups and notes)	Hard Copy (original)	X	X
	n/a	Copies of all important Correspondence between the Consultant, Department and Contractor. Original Correspondence, where available, to be provided in its original paper form and email correspondence to be provided electronically. (Group email correspondence by meeting minutes, environmental, construction contract changes, claim documentation, cost information etc..)	Both - Originals of Hard Copy if available, - emails (pst folder or similar)	X	X
	n/a	Project Journal (Copy)	PDF	X	X
	n/a	Field Record Books (which include all measurements)	Hard Copy	X	X
	n/a	Mylars & digital copies of record drawings	Mylar, Microstation and PDF	X	X
	n/a	Reviewed shop drawings (digital and hard copy)	Both	X	X
	C.01	Pile driving, pile drilling, PDA Testing, CAP/WAP analysis foundation records, NDT results	PDF		X
		Post Tensioning and stressing records	PDF		X
	C.05 to C.07	Precast girder fabrication reports	PDF		X
		Culvert fabrication reports	PDF		X
	C.08 to C.11	Culvert installation Inspection reports	PDF		X
		Bridge rail / Miscellaneous material fabrication reports	PDF		X
		Structural steel fabrication reports	PDF		X
	Section 1.13.6	Permanent Erosion Control Devices Report	PDF	X	
		Borrow Pit Diagrams (for Department Sources)	Both	X	
		Gravel Pit Diagrams (for Department Sources)	Microstation, PDF, 1 Hard Copy	X	
		Electronic Data for Granular and Asphalt Material Placed (Include Daily scale sheets scanned to PDF if calculations were done manually)	PDF	X	
		Earthworks Information (Include original field data, modified field data with descriptions of changes, quantity calculations, and summary of results)	Both-(1)	X	

Legend

Both - Editable PDF and Hard Copy "Form Ref." = Form Reference

Digital Copies of Drawings to be in Micro Station

Alberta Transportation

Summary of Final Details to be Retained by the Consultant

Contract #: _____ Contractor: _____

Type of Work: _____

Job/WAC: _____ Project: _____

Region: _____ Consultant: _____

CHECK LIST		
✓	**DOCUMENT**	**REMARKS**
	Monthly Progress Estimates	
	Approval of Construction Contract Cost Overruns	
	Project Completion and Project Shut Down Reports	
	Weekly Reports	
	Project Expenditure Reports	
	Order Fixing Maximum Speed Limit	
	Notification of Construction Operations	
	Monthly Health and Safety Summaries	
	Project Completion Health & Safety Review	
	Certificate of Calibration	
	Scale Accuracy Inspection Sheets	
	All worksheets related to material testing and inspection (aggregate gradation, in-situ density testing, segregation inspection etc.)	
	All Appeal Data Sheets	
	Contractor's daily inspection and quality control test results	
	Electronic copy of data for GBC and ACP Placed	
	Electronic copy of smoothness data and related work sheets	
	Site Inspection Reports	
	Consultant's Correspondence Files	
	Contractor's Daily Traffic Signing Summaries	
	TAS/ECO Plan	
	Truck Haul Cards and Scale Sheets	
	Work/Grade Stake Books	
	Checkers Field Book/Alternate	
	The Project Journal (original)	
	All Supporting Evidence to Reproduce Quantity Calculations	
	All Photos	

Notes:

Alberta Transportation

CHECKING FINAL DETAILS

***** *CHECKLIST SUMMARY* *****

PROJECT: _____ **WAC/JOB NO.:** _____

CONTRACTOR: _____ **CONTRACT NO.:** _____

CONSULTANT: _____ **REGION:** _____

TYPE OF WORK: _____

		Checked		Corrections		
		Completed By	Date	Req'd	Completed By	Date
✓	**1. EXCAVATION MEASUREMENTS (attach detailed list if required)**					
	- All excavated material has been measured and included					
	- DTM's, cross-sections, etc. are done correctly					
	- Final Cross-Sections have been reviewed for errors					
	- Are closures on cross sections acceptable					
	- Areas calculated correctly					
	- Intervals of Check: (Every____Stations, etc.)					
	- Volumes calculated correctly; includes all point quantities (i.e. approaches, piles, culverts)					
	- Overhaul - completed for all required materials - point loads and dead hauls included - diagrams and calculations are correct					
	- Borrow Pits: diagrams and calculations checked					
	2. BID ITEMS					
	- Method of measurements agree with Contract Specifications. (e.g. topsoil placement, seeding, cold milling)					
	- All field measurements included					
	- All calculations included and traceable					
	- Detailed Spot Checks on calculations, subtotals and totals performed					
	- Quantity transfer from final details correct					
	- Final Detail format as per Contract Administration Manual					
	- Each bid item is included on a "Bid Item Details" sheet					
	3. PENALTY/BONUS CALCULATIONS					
	- Method of calculations agrees with Contract Specifications					
	- Quantity transfer from final details correct					
	4. SITE OCCUPANCY					
	- Site Occupancy days recorded and summarized weekly					
	- Assessment agrees with Contract Specifications					
	5. EXTRA WORK and CONTRACT COST OVERRUNS					
	- In accordance with Contract Specifications					
	- All work has been approved at the appropriate level					
	- Contract Cost Overrun Completed (if required)					
	6. GRAND SUMMARY and FINAL ESTIMATE					
	- Quantity transfer from final details correct					
	- Unit Prices are correct					
	- Completed for each project/WAC					
	- Contract log completed					
	7. SUMMARY OF FINAL DETAILS (all items indicated have been completed where applicable)					
	- Summary of Final Details Submitted to the Department					
	- Summary of Final Details Retained by the Consultant					

Note:
1. For larger combined jobs, use separate sheets for each project.
2. Frequency of spot checks to be increased if many errors are found

_____
Certified Correct

Date: _____

Alberta Transportation

CHECKING FINAL DETAILS

***** *GRADING CHECKLIST* *****

Project: _____ **WAC/Job:** _____

CONTRACTOR: _____ **Contract No.:** _____

CONSULTANT: _____ **Region:** _____

		Checked		Corrections		
		Completed By	Date	Req'd	Completed By	Date
✓	**1. CROSS SECTIONS**					
	- Are all stations present? (check volumes report)					
	- Are all applicable surfaces present? (check XNG files & Panel 2)					
	- Survey data checked for errors? (H.I. values, rod reading errors)					
	- Are the surface to surface tie-ins correct? (e.g. vertical vs. sloped)					
	- Are common and borrow separated at right-of-way boundaries?					
	- Digital Terrain Modeling done correctly?					
	- Are cross sections extracted correctly? (e.g. correct alignment used, etc.)					
	2. AREAS					
	- Are the area parameters set correctly? (Panel 2)					
	- Are the areas coloured correctly? (no overlaps or doubling)					
	- Is the Undercut calculated correctly?					
	- Are the areas matching the volumes report? (random check)					
	- Do the area values seem reasonable?					
	3. VOLUMES					
	- Volume reports completed? (main align., borrow pits, R/A's, etc.)					
	- Are all "Point Volumes" included & documented? (apps., piles, culverts, etc.)					
	- Are volumes summarized and totaled?					
	- Are "Remove & Replace" quantities accounted for? (B.T.S. , Topsoil, culverts, etc. - doubled or measured twice)					
	- Are quantities for Channel Exc. measured & calculated correctly?					
	4. OVERHAUL					
	- Are the "Code Point" files correct? (station, quantity, dead haul, etc.)					
	- Are the "Haul Quantity" files correct?					
	- Are all "Accumulated Sum" files correct?					
	- Are the Overhaul summaries correct?					
	- Are all Overhaul diagrams correct?					
	5. FINAL DETAILS SHEETS					
	- Are numbers correctly transferred from original data?					
	- Are all items measured and recorded (i.e. field books)?					
	- Are all calculations and totals correct?					
	- Are Final Details completed as per Section 5?					
	6. BORROW PITS					
	- Are borrow Pits plans completed and correct?					
	- Is Information for Reclamation Certificates included?					
	- Are the Pre-Construction Assessments included?					

NOTE: This checklist is intended to be a guide and/or a reminder. It has been developed with EMXS in mind, however the logical steps can be applied to other earthwork software packages. The checking process requires more detail than indicated above and it is the responsibility of the checker to ensure the final details are thoroughly checked.

Certified Correct by: _____

Date: _____

For Consultant's Internal Use. Submit copy to Region ONLY.

Alberta Transportation

CHECKING FINAL DETAILS
*** SURFACING CHECKLIST ***

Project: _____ **WAC/Job:** _____

CONTRACTOR: _____ **Contract No.:** _____

CONSULTANT: _____ **Region:** _____

		Checked		Corrections		
		Completed By	**Date**	**Req'd**	**Completed By**	**Date**
✓	**1. ORIGINAL DATA**					
	- Scale Sheet totals are correctly calculated					
	- Checkers' books are summed and match the scale sheets					
	- Field Books/Contract Data Entry Records are summed correctly					
	- Adequate amount of decimal places for accuracy					
	- Lab worksheets agree with Daily Paving reports (available for reference)					
	- Provide Weigh Bills for asphalt items (e.g. prime coat); units correct					
	- Smoothness data for all locations is correct & available for reference					
	- Bid items accounted for and have field measurements (in field books)					
	2. CALCULATION SHEETS					
	- Final Details - ACP EPS Projects, calculations checked					
	- EPS Gradation Price Adjustments, confirm rates and calculations					
	- Smoothness Summaries: confirm rates and calculations					
	- Areas of Localized Roughness: confirm rates and calculations					
	- Segregation Rating Sheets: confirm rates and calculations					
	3. DAILY PAVING REPORTS					
	- Mix Design targets correct & corresponds with Mix Design changes					
	- Consultant's Mix Design reviews recorded & attached					
	- Compaction percentage calculated correctly					
	- Appeals are included and applied; agrees with Specs. (if applicable)					
	- Calculations and averages are correct					
	- Rounding of numbers is in accordance with ATT-70					
	4. FINAL DETAILS ACP (EPS) PROJECTS (Summary Sheets)					
	- Quantity and Unit Price Adjustments transferred correctly					
	- Unit Price Adjustments correct and agree with Contract Specs.					
	- Smoothness adjustment in accordance with Contract Specs.					
	- Segregation adjustment in accordance with Contract Specs.					
	- Calculations, sub-totals and totals are correct					
	5. FINAL DETAILS SHEETS					
	- Numbers correctly transferred from original data					
	- Calculations are shown; calculations, sub-totals and totals are correct					
	- Haul Distribution Sheets are complete and correct					
	- Final Details completed as per Contract Administration Manual					
	6. DOCUMENTATION					
	- Appeal Letters from the Contractor included					
	- Supply of Aggregate details and summary provided by class/type					
	- Summary of Bonuses & Penalties					
	- Grand Summary: Quantities by Project/WAC					
	- Details of Widths & Thicknesses: - Thicknesses match checker's book tonnage distribution - All changes in widths, thickness are shown and labeled - km stationing shown					
	- Signatures: all documentation requiring signatures is signed					

NOTE: This checklist is intended to be a guide and/or a reminder. The checking process requires more details than indicated above and it is the responsibility of the checker to ensure the final details are thoroughly checked.

Certified Correct by: _____

Date: _____

For Consultant's Internal Use. Submit Copy to Region Only

DETAILS OF FINAL ESTIMATE
GRAND SUMMARY

Summary of Final Progress Quantities

Alberta Transportation

Region: ____________________

Contract No.: ____________________

Contractor: ____________________

Primary Project: ____________________

Project Limits: ____________________

Primary WAC/Job: ____________________

Other Projects: ____________________

____

Work Started: __________ Shut Down: __________ Dates: ____________________

Work Resumed: __________ Completed: __________ Dates: ____________________

Item No.	Item Description	Quantities			Remarks
		Units	Tender	Actual	

- NOTE: This form represents the total quantity by bid item for all work under the contract.
- Details regarding bid item and quantities by locations is detailed in the final progress payment

PREPARED BY:

APPROVED BY:

____________________ __________

Consultant's Signature **Date:**

____

Project Sponsor

CERTIFIED CORRECT BY:

____

Date:

____________________ __________

Consultant's Seal/Stamp **Date:**

DETAILS OF FINAL ESTIMATE
GRAND SUMMARY

Summary of Final Progress Quantities

Region: _____
Contract No.: _____
Contractor: _____

Alberta Transportation

Primary Project: Hwy XXX:XX or Bridge File XXXX-0X (Hwy XX.X at km x.xx)
Project Limits: Hwy X to Hwy XXX (km x.xx to x.xx)
Primary WAC/Job: _____

Other Projects: Hwy XX:XX, Hwy XX:XX
Hwy XX:XX, Hwy XX:XX

Work Started: 1-Jan-2013 Shut Down: _____ Dates: _____
Work Resumed: _____ Completed: _____ Dates: _____

Item No.	Item Description	Quantities			Remarks
		Units	Tender	Actual	
1	Mobilization	lump sum	$200,000	$200,000	
2	Site Occupancy	days	12	19	7 days over
3	Supply of Aggregate w/Option	tonne	54,460	54,599.22	
4	Cold Milling Asphalt Pavement	m2	375,100	369,684.33	
	EWO #1	lump sum	n/a	$3,500.00	Replace culvert
	EWO #2	lump sum	n/a	$2,300.00	Replace damaged sign
	Diesel Fuel Cost Adjustment	lump sum	n/a	$1,500.00	EPS price adjustment
	Traffic Accommodation Strategy	lump sum	n/a	$2,000.00	EPS price adjustment
	Smoothness	lump sum	n/a	$510.00	EPS price adjustment
	- items listed above are for				
	example purposes only				

- NOTE: This form represents the total quantity by bid item for all work under the contract.
- Details regarding bid item and quantities by locations is detailed in the final progress payment

PREPARED BY:

_____ _____
Consultant's Signature **Date:**

APPROVED BY:

_____
Project Sponsor

CERTIFIED CORRECT BY:

_____
Date:

_____ _____
Consultant's Seal/Stamp **Date:**

SAMPLE

Alberta Transportation

SUMMARY OF SUBGRADE CONSTRUCTION

CONTRACT NO. :		DISTRICT :		CERTIFIED CORRECT : (print name)	
PROJECT :		JOB # (WAC) :		CERTIFIED CORRECT : (signature)	
DATE :		CONTRACTOR :		POSITION :	

STATION		USCS	SOIL ADDITIVES	ROADWAY WIDTH
from (00+000)	from (00+000)		(lime, cement, etc.)	(m)

UNIFIED SOIL CLASSIFICATION SYSTEM (Modified by P.F.R.A.)

MAJOR DIVISIONS		GROUP SYMBOLS	TYPICAL NAMES
Coarse Grained Soils (>50% of material larger than 80µm sieve size)	GRAVELS (>50% of coarse fraction is larger than the 5000µm sieve)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
		GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS (>50% of coarse fraction is smaller than the 5000µm sieve)	SW	Well-graded sands, gravelly sands, little or no fines
		SP	Poorly-graded sands, gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
Fine Grained Soils (>50% of material smaller than 80µm sieve size)	CLAYS	CL	Inorganic clays of low plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		CI	Inorganic clays of medium plasticity, gravelly clays, sandy clays, silty clays.
		CH	Inorganic clays of high plasticity, fat clays.
	SILTS	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
	ORGANIC SILTS & CLAYS	OL	Organic silts and organic silty clays of low plasticity.
		OH	Organic clays of medium to high plasticity, organic silts.
	HIGHLY ORGANIC SOILS	Pt	Peat and other highly organic soils.

COMMENTS :

NOTE : Send form within one month of project completion to :

E-mail : trans.constructqa@gov.ab.ca

Guidelines *for reporting the predominant soil type*

The Pavement Management System only accepts one soil type per roadway segment.

Reporting of soil types does not need to be divided into segments of less than 0.5 km.

Segments with more than one soil type should report only the predominant soil type for the upper portion of the embankment.

Show stationing at each point where width of subgrade changes.

Data required only for main alignment new construction (i.e. not for added on climbing lanes)

Alberta Transportation

SUMMARY OF SUBGRADE CONSTRUCTION

CONTRACT NO. :	XXXXXX	DISTRICT :		CERTIFIED CORRECT : (print name)	
PROJECT :	Hwy XX:xx	JOB # (WAC) :		CERTIFIED CORRECT : (signature)	
DATE :	1-Jan-2013	CONTRACTOR :		POSITION :	

STATION from (00+000)	STATION from (00+000)	USCS	SOIL ADDITIVES (lime, cement, etc.)	ROADWAY WIDTH (m)
15+000	15+360	CI		11.5
15+360	15+700	CI		12.0
15+700	22+670	CH	lime for drying	8.0
22+670	22+870	CH	lime for drying	9.6
22+870	23+025	CL		13.6
23+025	23+225	CL		9.6
23+225	24+000	CL		8.0

COMMENTS :

NOTE : Send form within one month of project completion to :

E-mail : trans.constructqa@gov.ab.ca

UNIFIED SOIL CLASSIFICATION SYSTEM (Modified by P.F.R.A.)

MAJOR DIVISIONS		GROUP SYMBOLS	TYPICAL NAMES
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		SM	Silty sands, sand-silt mixtures
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		CI	Inorganic clays of medium plasticity, gravelly clays, sandy clays, silty clays.
		CH	Inorganic clays of high plasticity, fat clays.
	SILTS	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
	ORGANIC SILTS & CLAYS	OL	Organic silts and organic silty clays of low plasticity.
		OH	Organic clays of medium to high plasticity, organic silts.
	HIGHLY ORGANIC SOILS	Pt	Peat and other highly organic soils.

Guidelines *for reporting the predominant soil type*

The Pavement Management System only accepts one soil type per roadway segment.

Reporting of soil types does not need to be divided into segments of less than 0.5 km.

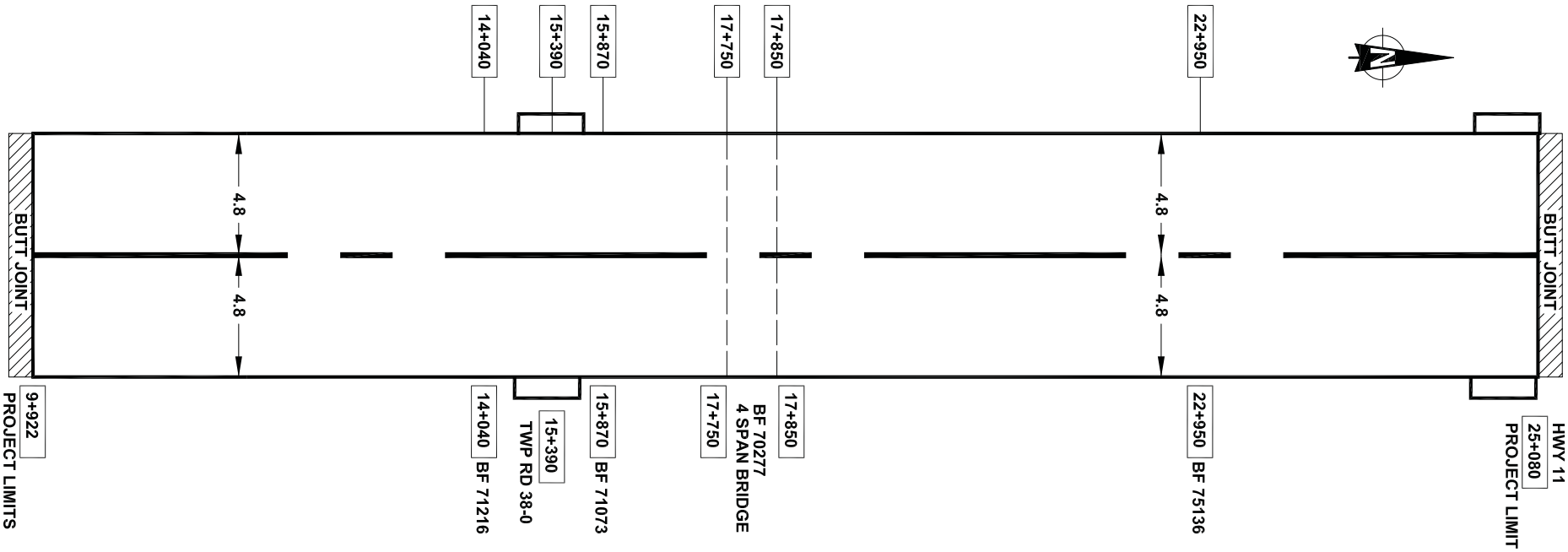
Segments with more than one soil type should report only the predominant soil type for the upper portion of the embankment.

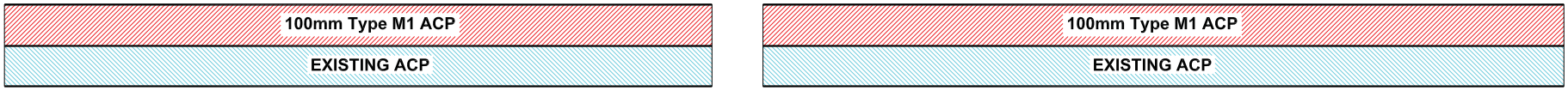
Show stationing at each point where width of subgrade changes.

Data required only for main alignment new construction (i.e. not for added on climbing lanes)

SAMPLE

HIGHWAY 22:22





Note: Submit Diagram asap after construction or seasonal shutdown to:
Technical Standards Branch, Surface Engineering & Aggregates Section
2nd Floor, Twin Atria, 4999 - 98 Ave, Edmonton, AB, T6B 2X3
Attention: Road Surface Data Coordinator, fax: 780-422-2846 email: trans.constructqa@gov.ab.ca

Note: All ACP used 150-200A asphalt.

Project Completed/Shutdown: July 28, 2006

John Smith (780-555-1234)

PROJECT SUPERVISOR

DETAIL OF WIDTHS AND THICKNESSES	CONTRACT NO.	PROJECT NO.	REGION	SCALE
	7230/06	9700382-005	CENTRAL	NTS
BA Engineering Consultants Ltd.	DWG	DATE	DWN. BY	CHK. BY
	HWY22-24WT	AUG 11, 2006	M. SIDDONS	TD

FINAL DETAILS

SUMMARY OF

Mobilization, Site Occupancy, Lane Closure, Supply of Aggregate and Traffic Accommodation

Region: _____

Project: _____ **Job/WAC No.:** _____

Contract No.: _____ Contractor: _____

Bid Item # , Mobilization		
Units	**Amount**	**Remarks**
Lump Sum		

Bid Item # , Site Occupancy (days)			
Days Bid	**Days Used**	**Bid - Used**	**Remarks**
		0	No Site Occupancy Payment Adjustment
Attach a copy of the last signed weekly report			

Bid Item # , Lane Closure (adjust units & formula to match)			
Units Bid	**Units Used**	**Bid - Used**	**Remarks**
		0	No Payment Adjustment
Include documentation in final detail package			

Bid Item # , Supply of Aggregate		
Aggregate Des/Class	**Quantity (tonne)**	**Remarks**
	0.00	

Bid Item # Traffic Bonus / Penalty Assessment, Sec. 7.1.15.2		
Units	**Amount**	**Remarks**
Include documentation in final detail package		

Damages for Delays (Confirm daily rates)			
Days	**Rate/day**	**Penalty**	**Remarks**
	($1,350.00)	**$0.00**	
	($300.00)	**$0.00**	
		$0.00	**Include Documentation of days**

Notes:

Consultant

Certified Correct

FINAL DETAILS

SUMMARY OF

Mobilization, Site Occupancy, Lane Closure, Supply of Aggregate and Traffic Accommodation

Region: _____

Project: _____ **Job/WAC No.:** _____

Contract No.: _____ Contractor: _____

Bid Item	X	, Mobilization
Units	**Amount**	**Remarks**
Lump Sum	$125,000.00	

Bid Item	X	, Site Occupancy (days)	
Days Bid	**Days Used**	**Bid - Used**	**Remarks**
4	5	**(1)**	Site Occupancy Penalty
Attach a copy of the last signed weekly report			

Bid Item	X	, Lane Closure (adjust units & formula to match)	
Units Bid	**Units Used**	**Bid - Used**	**Remarks**
45	42	**3**	Bonus Adjustment
Ensure documentation is included in final detail package			

Bid Item	X	, Supply of Aggregate
Aggregate Des/Class	**Quantity (tonne)**	**Remarks**
1-12.5	45.56	McBride Pit, NE 17-45-12-W6M, H2 Mix
2-25	1,000.89	Driver Pit, NE3-38-17W4, Base Course
4-20	25,000.13	Jones Jr. Pit, SW5-46-15W4, Gravel Surfacing
	26,046.58	

Bid Item	X	Traffic Bonus / Penalty Assessment, Sec. 7.1.15.2
Units	**Amount**	**Remarks**
Lump Sum	$2,000.00	No written warnings issued.
Ensure documentation is included in final detail package.		

Damages for Delays			
Days	**Rate/day**	**Penalty**	**Remarks**
15	($1,350.00)	**($20,250.00)**	
3	($300.00)	**($900.00)**	
		($21,150.00)	**Include Documentation of days**

Notes:

Consultant

Certified Correct

FINAL DETAILS

Summary of Borrow Pits

Alberta Transportation

Region: ______________________ **WAC/JOB No.:** ______________

Project: ____

Contract No.: ______________ Contractor: ____________________

Enter "27131" to display Station 27+131

Station From	Station To	Side L/R/C	Distance (m)	Cleared (ha)	Worked (ha)	Waste Topsoil (m^3)	Borrow Excavated (m^3)	Remarks
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
				0.00	**0.00**	**0.0**	**0.0**	

Certified Correct by: ______________________ ______________

Signature / (name) (Date)

FINAL DETAILS

Summary of Borrow Pits

Alberta
Transportation

Region: ______________________ **WAC/JOB No.:** ______________

Project: ____

Contract No.: ______________ Contractor: ____________________

Enter "27131" to display Station 27+131

Station		**Side**	**Distance**	**Cleared**	**Worked**	**Waste Topsoil**	**Borrow Excavated**	
From	**To**	**L/R/C**	(m)	(ha)	(ha)	(m^3)	(m^3)	**Remarks**
1+000	1+250	L	250	0.4	0.47	35.0	786.0	Land owner choose dug out location
1+140	1+325	R	185	0.2	0.85	35.2	1,400.0	Cut from hill side.
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
			0					
				0.60	**1.32**	**70.2**	**2,186.0**	

SAMPLE

Certified Correct by: ______________________ ______________

Signature / (name) (Date)

Alberta Transportation

FINAL DETAILS

SUMMARY OF

OTHER BID ITEMS

Project: ______________________________ **Job/WAC No.:** ______________

Region: ______________________________ **Contract No.:** ______________

Bid Item	#________	, DESCRIPTION:
	Quantity	**Remarks**
Total	**0**	

Bid Item	#________	, DESCRIPTION:
	Quantity	**Remarks**
Total	**0**	

Bid Item	#________	, DESCRIPTION:
	Quantity	**Remarks**
Total	**0**	

Bid Item	#________	, DESCRIPTION:
	Quantity	**Remarks**
Total	**0**	

______________________ ______________________________________

Date Certified Correct

Alberta Transportation

FINAL DETAILS

SUMMARY OF

OTHER BID ITEMS

Project: _____ **Job/WAC No.:** _____

Region: _____ **Contract No.:** _____

Summary of Other Bid Items			
Bid Item	**Units**	**Quantity**	**Remarks**

_____ _____

Date Certified Correct

Alberta Transportation

FINAL DETAILS

SUMMARY OF

OTHER BID ITEMS

Project: Hwy XX:xx (km 3.12 to 16.77, & 17.35 to 19.35) **Job/WAC No.:** _____

Region: _____ **Contract No.:** _____

Bid Item 4 , Supply of Girders - Type NU		
Units	**Quantity**	**Remarks**
each	4	BF 8745-1, at km 18.195
each	6	BF 9103-6, at km 4.85
Total	**10**	

Bid Item 9 , Pile Set-Up		
Units	**Quantity**	**Remarks**
piles	2	BF 8745-1, at km 18.195
piles	3	BF 9103-6, at km 4.85
Total	**5**	

Bid Item 10 Milled Rumble Strips for Stop Conditions		
Units	**Quantity**	**Remarks**
sets	1	Hwy 63 approach to Hwy 23
sets	2	Hwy 21 nb and sb approach to 63
sets	1	Hwy 845 nb approach to 63
Total	**4**	

Bid Item 23 , Concrete Base - Supply and Install		
	Quantity	**Remarks**
Units	4	Intersection with Rge Rd. 380 at km 4.23
Units	2	Intersection with Rge Rd. 393 at km 18.63
Units	1	Pull Out area at km 16.24
Total	**7**	

_____ _____

Date Certified Correct

SAMPLE

Alberta Transportation

FINAL DETAILS for
Bid Items measured in Length

Region: _____ WAC/JOB No.: _____

Project: _____

Contract No.: _____ Contractor: _____

Bid Item #___ , Description				
Station		**Side**	**Length**	
From	**To**	**L/R/C**	**(km)**	**Remarks**
			0	

Bid Item #___ , Description				
Station		**Side**	**Length**	
From	**To**	**L/R/C**	**(m)**	**Remarks**
			0	

Bid Item #___ , Description				
Station		**Side**	**Length**	
From	**To**	**L/R/C**	**(m)**	**Remarks**
			0	

Certified Correct by: _____

Signature / (name)

Note: To reduce paper requirements multiple bid items can be included on the same page.
Insert or delete rows as required to accommodate data.

FINAL DETAILS for
Bid Items measured in Length

Alberta Transportation

Region: _____ WAC/JOB No.: _____

Project: _____

Contract No.: _____ Contractor: _____

Bid Items Descriptions				
Station		**Side**	**Length**	
From	**To**	**L/R/C**	**(m)**	**Remarks**
			0	

Certified Correct by: _____

Signature / (name)

Note: To reduce paper requirements multiple bid items can be included on the same page.
Insert or delete rows as required to accommodate data.

Alberta Transportation

FINAL DETAILS for
Bid Items measured in Length

Region: _____ WAC/JOB No.: _____

Project: Hwy XX:xx from Hwy XX to Hwy XXX (km 27.00 to km 33.54)

Contract No.: _____ Contractor: _____

Bid Item X Milled Rumble Strip - Shoulder				
Station		**Side**	**Length**	
From	**To**	**L/R/C**	**(km)**	**Remarks**
27+100	33+150	R	6.05	Yard site at km 33.20
33+260	46+500	R	13.11	
46+500	43+950	L	2.42	
			21.58	

Bid Item X Strong Post W-Beam Guardrail - Supply & Install				
Station		**Side**	**Length**	
From	**To**	**L/R/C**	**(m)**	**Remarks**
27+100		R	3	replaced one section
33+160	33+173	R	6	Includes portion of radius onto Twp Rd 380
46+500	43+950	L	6	
			15	

Bid Item X Culverts - Remove and Dispose (C.S.P.) (up to 700 mm dia.)				
Station		**Side**	**Length**	
From	**To**	**L/R/C**	**(m)**	**Remarks**
27+100		R	11	Across Range Rd 234 South
33+160			22	Across Highway
			33	

Certified Correct by: _____

Signature / (name)

Note: To reduce paper requirements multiple bid items can be included on the same page.
Insert or delete rows as required to accommodate data.

SAMPLE

Alberta Transportation

FINAL DETAILS

Bid Item Details

Area Based Measurements

WAC/Job No.: _____ PROJECT: _____

Contract No.: _____ CONTRACTOR: _____

REGION: _____

Bid Item #____ , Description						
STATION TO STATION		L/R/C	LENGTH (m)	WIDTH (m)	AREA (m^2)	REMARKS
				TOTAL	**0**	

Bid Item #____ , Description						
STATION TO STATION		L/R/C	LENGTH (m)	WIDTH (m)	AREA (ha)	REMARKS
				TOTAL	**0**	

This form is to be used for area measurements:
Clearing, seeding, top soiling, subgrade prep, prime coat, tack coat, fog coat, fog coat seal, etc.

_____

Certified Correct

Alberta Transportation

FINAL DETAILS

Bid Items - Area Based Measurement

Bid Item X, Include Description

WAC/Job No.: _____ PROJECT: _____

Contract No.: _____ CONTRACTOR: _____

REGION: _____

STATION TO STATION		L/R/C	LENGTH m	WIDTH m	AREA m²	REMARKS
				TOTAL		

This form is to be used for area measurements:
Clearing, seeding, topsoiling, subgrade prep, prime coat, tack coat, fog coat, fog coat seal, etc.

Certified Correct

Alberta Transportation

FINAL DETAILS

Bid Item Details

Area Based Measurements

WAC/Job No.: WAC xxxxxxx PROJECT: Hwy XX:xx (km 16.77.12 to 34.12)

Contract No.: CONTRACTOR:

REGION:

Bid Item 4, Cold Milling Asphalt Pavement

STATION TO STATION		L/R/C	LENGTH (m)	WIDTH (m)	AREA (m^2)	REMARKS
34+130	25+140	R	8,990	3.80	34,162	May 11-13
25+140	16+765	R	8,375	3.80	31,825	May 12-13
16+765	24+000	L	7,235	4.00	28,940	May 13-13
24+000	32+455	L	8,455	4.00	33,820	May 14-13
32+455	34+130	L	1,675	4.00	6,700	May 15-13
				TOTAL	**135,447**	

Bid Item 6, Supply and Place Fog Coat

STATION TO STATION		L/R/C	LENGTH (m)	WIDTH (m)	AREA (m^2)	REMARKS
34+120	27+783	R	6,337	2.45	15,525.7	May 17-13, NB Lane
27+783	18+545	R	9,238	Varies	22,633.1	May 18-13, NB Lane
34+120	23+755	L	10,365	2.55	26,430.8	May 19-13, SB Lane
23+755	18+711	L	5,044	2.55	12,862.2	May 20-13, SB Lane
18+545	16+770	R	1,775	Varies	4,348.8	May 25-13, NB Lane
18+711	16+770	L	1,941	2.55	4,949.6	May 25-13, SB Lane
				TOTAL	**86,750.2**	

This form is to be used for area measurements:
Clearing, seeding, topsoiling, subgrade prep, prime coat, tack coat, fog coat, fog coat seal, etc.

Certified Correct

SAMPLE

Alberta Transportation

FINAL DETAILS

Bid Items - Volume Based Measurements

WAC/Job : _____ PROJECT: _____

Contract No.: _____ CONTRACTOR: _____

REGION: _____

Bid Item #___ , Description							
STATION TO STATION (enter 4150 = 4+150)		L/R/C	LENGTH (m)	WIDTH (m)	Depth (m)	Volume (m^3)	REMARKS
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				
					TOTAL	**0**	

Bid Item #___ , Description							
STATION TO STATION (enter 4150 = 4+150)		L/R/C	LENGTH (m)	WIDTH (m)	Depth (m)	Volume (m^3)	REMARKS
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				
					TOTAL	**0**	

This form is to be used for volumetric measurements:
Random Rip Rap, Subgrade Excavation, etc.

_____

Certified Correct

Alberta Transportation

FINAL DETAILS

Bid Items - Volume Based Measurements

WAC/Job : _____ PROJECT: Hwy XX:xx from Hwy XX to Hwy XXX (km 3.56 to 34.54)

Contract No.: _____ CONTRACTOR: _____

REGION: _____

Bid Item 21, Subgrade Excavation

STATION TO STATION (enter 4150 = 4+150)		L/R/C	LENGTH (m)	WIDTH (m)	Depth (m)	Volume (m^3)	REMARKS
4+150	4+175	C	25	7.5	0.75	140.63	Soft subgrade - req'd over excav
5+135	5+155	R	20	3.65	0.5	36.5	
5+655	5+675	R			0.45	74.56	Irregular shaped excavation
6+350	6+400	L	50	3.5	0.3	52.5	Driving lane
28+650	28+750	R	100	1.75	0.25	43.75	Failure in outer wheel path
						0	
						0	
						0	
						0	
						0	
					TOTAL	**347.94**	

Bid Item 34, Granular Fill Des. 2, Class 25

STATION TO STATION (enter 4150 = 4+150)		L/R/C	LENGTH (m)	WIDTH (m)	Depth (m)	Volume (m^3)	REMARKS
4+150	4+175	C	25	7.5	0.6	112.5	
5+135	5+155	R	20	3.65	0.75	54.75	
5+655	5+675	R			0.7	34.6	Irregular shaped excavation
6+350	6+400	L	50	3.5	0.6	105	
28+650	28+750	R	100	1.75	0.55	96.25	
					TOTAL	**403.1**	

This form is to be used for volumetric measurements:
Random Rip Rap, Subgrade Excavation, etc.

_____

Certified Correct

SAMPLE

Alberta Transportation

FINAL DETAILS for

Gravel Surfacing, A.C.P., Base Course, etc.

(Where haul is included)

Region: _____ WAC/JOB No.: _____

Project: _____

Contract No.: _____ Contractor: _____

Bid Item #____ , Description

		Station		Side	Length	Quantity	
Date	Gravel Pit	From	To	L/R/C	(m)	(units)	Remarks
						0.00	

Bid Item #____ , Description

		Station		Side	Length	Quantity	
Date	Gravel Pit	From	To	L/R/C	(m)	(units)	Remarks
						0.00	

Certified Correct by: _____

Signature / (name)

Note: To reduce paper requirements multiple bid items can be included on the same page.
Insert or delete rows as required to accommodate data.

Alberta Transportation

FINAL DETAILS for

Gravel Surfacing, A.C.P., Base Course, etc.

(Where haul is included)

Region: _____ WAC/JOB No.: WAC85975

Project: _____

Contract No.: 145623 Contractor: _____

Bid Item X, A.C.P. - EPS Mix Type H2(PG64-37)

		Station		Side	Length	Quantity	
Date	Gravel Pit	From	To	L/R/C	(m)	(tonne)	Remarks
5-Jan-13	Jones Pit	27+131	33+154	R	6,023	100.01	
6-Jan-13	Jones Pit	33+154	46+500	R	13,346	200.02	
7-Jan-13	Jones Pit	46+500	43+950	L	2,550	300.03	
8-Jan-13							Plant breakdown
9-Jan-13	Jones Pit	43+950	27+131	L	16,819	300.45	
						900.51	

Bid Item X, Granular Base Course Des. 2, Class 25

		Station		Side	Length	Quantity	
Date	Gravel Pit	From	To	L/R/C	(m)	(tonne)	Remarks
1-Jan-13	Smith East	27+131	30+456	C	3,325	165.54	
2-Jan-13	Smith East	30+456	34+874	C	4,418	328.45	
3-Jan-13				C			Rained night before
4-Jan-13	Smith East	34+874	36+158	C	1,284	79.11	
5-Jan-13	Smith East	36+158	39+026	C	2,868	145.21	
6-Jan-13	Smith East	39+026	42+750	C	3,724	190.05	
7-Jan-13	Smith East	42+750	46+500	C	3,750	210.12	
						1,118.48	

Certified Correct by: _____

Signature / (name)

Note: To reduce paper requirements multiple bid items can be included on the same page.
Insert or delete rows as required to accommodate data.

SAMPLE

Alberta Transportation

FINAL DETAILS

SUMMARY OF EXTRA WORK ORDERS

Region: _____

WAC/JOB No.: _____ Project: _____
WAC/JOB No.: _____ Project: _____
WAC/JOB No.: Project: _____
WAC/JOB No.: _____ Project: _____

Contract No.: _____ Contractor: _____
Consultant: _____ _____
Certified Correct By:

Extra Work Order No.	Progress Estimate No.	Amount	WAC/Job No.	Remark
Total ALL EWO >>>		**$0.00**		

Add Rows as Required to Accommodate Details of EWO
ATTACH copy of All Extra Work Orders to this Sheet

Alberta Transportation

FINAL DETAILS

SUMMARY OF EXTRA WORK ORDERS

Region: _____

WAC/JOB No.: WAC123456 Project: Hwy 14:03, Hwy 834 to Viking (km0.00 to 38.4)
WAC/JOB No.: WAC012345 Project: Hwy 15:08 (km 45.2 to 47.3)
WAC/JOB No.: WAC0001234 Project: Hwy 21:12 from Elnora to Hwy 590 (km7.056 to 13.450)
WAC/JOB No.: JOB0012345 Project: Added removal as per OP's request

Contract No.: _____ Contractor: _____

Consultant: _____ _____

Certified Correct By:

Extra Work Order No.	Progress Estimate No.	Amount	WAC/Job No.	Remark
E.W.O. 1	Progress 01	$13,500.00	WAC0123456	Replace culvert 600mmx22m, Rge Rd 482, South side of Hwy 14:03
E.W.O. 1	Progress 01	$1,500.00	WAC0012345	Replace damaged post and reinstall stop sign on Rge Rd 141 on North side of Hwy 15:08
E.W.O. 2	Progress 01	$7,800.00	WAC0001234	Install new 600mmx16m culvert on Twp Rd 380 on the West side of Hwy 21
E.W.O. 3	Progress 02	$2,500.00	JOB0012345	Remove fallen tree from ROW Hwy15:08 km
Total ALL EWO >>>		**$25,300.00**		

Add Rows as Required to Accommodate Details of EWO
ATTACH copy of All Extra Work Orders to this Sheet

SAMPLE

Alberta Transportation

FINAL DETAILS
ACP EPS PROJECTS

PROJECT	WAC / JOB NO.
CONTRACTOR	CONSULTANT
CONTRACT NO.	MIX TYPE 1 : CONTRACT MIX UNIT PRICE PER TONNE **(A)**
REGION	MIX TYPE 2 : CONTRACT MIX UNIT PRICE PER TONNE **(A)**
PROJECT LANE KMS	MIX TYPE 3 : CONTRACT MIX UNIT PRICE PER TONNE **(A)**
	PROJECT ESTIMATED TONNAGE

UNIT PRICE ADJUSTMENT FOR LOT QUANTITY OF ASPHALT CONCRETE PAVEMENT - EPS

					DENSITY		GRADATION		ASPHALT CONTENT				
Date(s) Laid	Lot No.	*Lot Type QA or QC	Mix Type	Design Lift Thickness (mm)	Unit Price Adj. for Density (PAd) (B)	Lot Unit Price Adjustment for Density B x F	Unit Price Adj. for Grad. (PAg) (C)	Lot Unit Price Adjustment For Gradation C x F	Unit Price Adj. for Asphalt Content (PAa) (D)	Lot Unit Price Adjustment for Asphalt Content D x F	Sum of The Unit Price Adjustment (PAd + PAg + PAa) B + C + D (E)	Lot Tonnes of Wet Mix (F)	Total Lot Adjustment In Dollars E x F
						SUM (**O**)		SUM (**P**)		SUM (**Q**)			

PROJECT ASSESSMENTS AND PAY ADJUSTMENTS FOR SMOOTHNESS AND SEGREGATION

SMOOTHNESS

	Number of Sublots with 0 mm PRI	0.1km		
G	Increased Assessment	($)	MULTI-LIFT	SINGLE LIFT or CURB & GUTTER
	Total Number of Bumps or Dips			
H	Decreased Assessment for Bumps and Dips	(-$)		
	Multilift - No. of Sublots (PRI> 10mm)	0.1 km		
	Single Lift - No. of Sublots (PRI> 15mm)	0.1 km		
	Curb and Gutter - No. of Sublots (PRI> 22mm)	0.1 km		
I	Decreased Assessment for PRI	(-$)		
J	SMOOTHNESS ASSESSMENT (G + H + I)	(+ or -$)		

SEGREGATION

K	Lane kilometres subject to $500 bonus	lane.kms	
L	Lane kilometres subject to $1000 bonus	lane.kms	
M	Total Penalty for Segregation and C-of-Paver	(-$)	
	Total Length for Center-of-Paver Streaks	m	
N	[1]TOTAL SEGREGATION ADJUSTMENT	(+ or -$)	

TOTAL SEGREGATION ADJ. = [1]Sum of ((K * $500) + (L * $1000) + M)

TOTAL PROJECT ASSESSMENTS AND PAY ADJUSTMENTS (SUM of J+N+O+P+Q)	

LOT TYPE:

* Enter QA for Regular QA Lots and QA Acceptance Lots.
* Enter QC for QC Acceptance Lots.

Note : Fax early submission of form within one month of project completion or winter shutdown to :

Attention : Roadway Construction Standards Technologist,
E-mail: trans.constructqa@gov.ab.ca **or Fax:** (780) 422-2846.

Also include a copy as part of Final Details.

CERTIFIED CORRECT

POSITION

Alberta Transportation

FINAL DETAILS
ACP EPS PROJECTS

PROJECT	HWY XX:xx	WAC / JOB NO.	WAC1234567
CONTRACTOR		CONSULTANT	
CONTRACT NO.	XXXXXX	MIX TYPE 1 : S1	CONTRACT MIX UNIT PRICE PER TONNE (A) $80.00
REGION	SOUTHERN	MIX TYPE 2 : M1	CONTRACT MIX UNIT PRICE PER TONNE (A) $90.00
PROJECT LANE KMS	25.000	MIX TYPE 3 : H2	CONTRACT MIX UNIT PRICE PER TONNE (A) $100.00
		PROJECT ESTIMATED TONNAGE	15,000

UNIT PRICE ADJUSTMENT FOR LOT QUANTITY OF ASPHALT CONCRETE PAVEMENT - EPS

					DENSITY		GRADATION		ASPHALT CONTENT				
Date(s) Laid	Lot No.	*Lot Type QA or QC	Mix Type	Design Lift Thickness (mm)	Unit Price Adj. for Density (PAd) (B)	Lot Unit Price Adjustment for Density B x F	Unit Price Adj. for Grad. (PAg) (C)	Lot Unit Price Adjustment For Gradation C x F	Unit Price Adj. for Asphalt Content (PAa) (D)	Lot Unit Price Adjustment for Asphalt Content D x F	Sum of The Unit Price Adjustment (PAd + PAg + PAa) B + C + D (E)	Lot Tonnes of Wet Mix (F)	Total Lot Adjustment In Dollars E x F
16-May-2012	1	QA	S1	50	$0.00	$0.000	$0.200	$200.00	$0.00	$0.00	$0.20	1,000.00	$200.0000
22-May-2012	2	QA	S1	50	($1.60)	($1,760.00)	($0.248)	($272.80)	($0.90)	($990.00)	($2.75)	1,100.00	($3,022.8000)
23-May-2012	3	QA	S1	50	$0.10	$120.00	$0.200	$240.00	$0.00	$0.00	$0.30	1,200.00	$360.0000
24-May-2012	4	QA	S1	50	$0.20	$260.00	($0.160)	($208.00)	($1.80)	($2,340.00)	($1.76)	1,300.00	($2,288.0000)
25-May-2012	5	QC	S1	50	$0.30	$420.00	$0.000	$0.00	$0.00	$0.00	$0.30	1,400.00	$420.0000
26-May-2012	6	QA	M1	60	$0.40	$600.00	$0.200	$300.00	$0.00	$0.00	$0.60	1,500.00	$900.0000
27-May-2012	7	QA	M1	60	$0.50	$800.00	$0.200	$320.00	$0.00	$0.00	$0.70	1,600.00	$1,120.0000
28-May-2012	8	QC	M1	60	$0.60	$1,020.00	$0.000	$0.00	$0.00	$0.00	$0.60	1,700.00	$1,020.0000
29-May-2012	9	QC	M1	60	$0.70	$1,260.00	$0.000	$0.00	$0.00	$0.00	$0.70	1,800.00	$1,260.0000
30-May-2012	10	QA	M1	60	$0.80	$1,520.00	$0.200	$380.00	$0.00	$0.00	$1.00	1,900.00	$1,900.0000
31-May-2012	11	QA	H2	70	($0.10)	($200.00)	($0.600)	($1,200.00)	$0.00	$0.00	($0.70)	2,000.00	($1,400.0000)
1-Jun-2012	12	QA	H2	70	($0.20)	($200.00)	($0.800)	($800.00)	$0.00	$0.00	($1.00)	1,000.00	($1,000.0000)
2-Jun-2012	13	QC	H2	70	($0.30)	($600.00)	$0.000	$0.00	$0.00	$0.00	($0.30)	2,000.00	($600.0000)
3-Jun-2012	14	QC	H2	70	$0.90	$900.00	$0.000	$0.00	$0.00	$0.00	$0.90	1,000.00	$900.0000
4-Jun-2012	15	QA	H2	70	$1.00	$2,000.00	$0.200	$400.00	$0.00	$0.00	$1.20	2,000.00	$2,400.0000
				SUM (O)	$6,140.00		SUM (P)	($640.80)	SUM (Q)	($3,330.00)		22,500.00 T	$2,169.20

PROJECT ASSESSMENTS AND PAY ADJUSTMENTS FOR SMOOTHNESS AND SEGREGATION

SMOOTHNESS

	Number of Sublots with 0 mm PRI	0.1km	147	
G	Increased Assessment	($)	$4,410.00	
			MULTI-LIFT	SINGLE LIFT or CURB & GUTTER
	Total Number of Bumps or Dips		4	2
H	Decreased Assessment for Bumps and Dips	(-$)	($1,200.00)	($200.00)
	Multilift - No. of Sublots (PRI> 10mm)	0.1 km	21	
	Single Lift - No. of Sublots (PRI> 15mm)	0.1 km	5	
	Curb and Gutter - No. of Sublots (PRI> 22mm)	0.1 km	0	
I	Decreased Assessment for PRI	(-$)	($2,410.00)	
J	SMOOTHNESS ASSESSMENT (G + H + I)	(+ or -$)	$600.00	

SEGREGATION

K	Lane kilometres subject to $500 bonus	lane.kms	5.500
L	Lane kilometres subject to $1000 bonus	lane.kms	10.700
M	Total Penalty for Segregation and C-of-Paver	(-$)	($1,250.00)
	Total Length for Center-of-Paver Streaks	m	35
N	[1]TOTAL SEGREGATION ADJUSTMENT	(+ or -$)	$12,200.00

TOTAL SEGREGATION ADJ. = [1]Sum of ((K * $500) + (L * $1000) + M)

STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - EDITION 14, 2010

TOTAL PROJECT ASSESSMENTS AND PAY ADJUSTMENTS (SUM of J+N+O+P+Q)	**$14,969.20**

LOT TYPE:

* Enter QA for Regular QA Lots and QA Acceptance Lots.
* Enter QC for QC Acceptance Lots.

Note : Fax early submission of form within one month of project completion or winter shutdown to :

Attention : Roadway Construction Standards Technologist,

E-mail: trans.constructqa@gov.ab.ca **or Fax:** (780) 422-2846.

Also include a copy as part of Final Details.

CERTIFIED CORRECT

POSITION

DRAFT

Alberta Transportation

FINAL DETAILS
ACP EPS PROJECTS

PROJECT	WAC / JOB NO.
CONTRACTOR	CONSULTANT
CONTRACT NO.	MIX TYPE 1 : CONTRACT MIX UNIT PRICE PER TONNE **(A)**
REGION	MIX TYPE 2 : CONTRACT MIX UNIT PRICE PER TONNE **(A)**
PROJECT LANE KMS	MIX TYPE 3 : CONTRACT MIX UNIT PRICE PER TONNE **(A)**
	PROJECT ESTIMATED TONNAGE

UNIT PRICE ADJUSTMENT FOR LOT QUANTITY OF ASPHALT CONCRETE PAVEMENT - EPS

					DENSITY		GRADATION		ASPHALT CONTENT				
Date(s) Laid	Lot No.	*Lot Type QA or QC	Mix Type	Design Lift Thickness (mm)	Unit Price Adj. for Density (PAd) (B)	Lot Unit Price Adjustment for Density B x F	Unit Price Adj. for Grad. (PAg) (C)	Lot Unit Price Adjustment For Gradation C x F	Unit Price Adj. for Asphalt Content (PAa) (D)	Lot Unit Price Adjustment for Asphalt Content D x F	Sum of The Unit Price Adjustment (PAd + PAg + PAa) B + C + D (E)	Lot Tonnes of Wet Mix (F)	Total Lot Adjustment In Dollars E x F
	1												
	2												
	3												
	4												
	5												
	6												
	7												
	8												
	9												
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	21												
	22												
LOT TYPE:				SUM (**O**)		SUM (**P**)		SUM (**Q**)					

* Enter QA for Regular QA Lots and QA Acceptance Lots.
* Enter QC for QC Acceptance Lots.

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E-mail: trans.constructqa@gov.ab.ca **or Fax:** (780) 422-2846. Also include a copy as part of Final Details.

IRI SMOOTHNESS
L1, L2, L3 - 1st, 2nd, & 3rd lane left of median or centerline.
R1, R2, R3 - 1st, 2nd, & 3rd lane right of median or centerline.

STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - EDITION 14, 2010

PROJECT ASSESSMENTS AND PAY ADJUSTMENTS FOR SMOOTHNESS AND SEGREGATION

IRI SMOOTHNESS (Penalty/Bonus)

RIDE QUALITY

HWY	LANE	PAYMENT ASSESSMENT	LANE	PAYMENT ASSESSMENT

H TOTAL RIDE QUALITY Sublot Payment Assessments

AREAS OF LOCALIZED ROUGHNESS

HWY	LANE	PENALTY ASSESSMENT	LANE	PENALTY ASSESSMENT

I TOTAL A.L.R. Penalty Assessments

J	SMOOTHNESS ASSESSMENT (H + I)	(+ or -$)	

SEGREGATION

K	Lane kilometres subject to $500 bonus	lane.kms	
L	Lane kilometres subject to $1000 bonus	lane.kms	
M	Total Penalty for Segregation and C-of-Paver	(-$)	
	Total Length for Center-of-Paver Streaks	m	
N	[1]TOTAL SEGREGATION ADJUSTMENT	(+ or -$)	

TOTAL SEGREGATION ADJ. = [1]Sum of ((K * $500) + (L * $1000) + M)

TOTAL PROJECT ASSESSMENTS AND PAY ADJUSTMENTS (SUM of J+N+O+P+Q)	

CERTIFIED CORRECT POSITION

Alberta Transportation

FINAL DETAILS
ACP EPS PROJECTS

PROJECT	HWY XX:xx
CONTRACTOR	
CONTRACT NO.	XXXXXX
REGION	SOUTHERN
PROJECT LANE KMS	25.000

WAC / JOB NO.			WAC1234567
CONSULTANT			
MIX TYPE 1 :	S1	CONTRACT MIX UNIT PRICE PER TONNE (A)	$80.00
MIX TYPE 2 :	M1	CONTRACT MIX UNIT PRICE PER TONNE (A)	$90.00
MIX TYPE 3 :	H2	CONTRACT MIX UNIT PRICE PER TONNE (A)	$100.00
PROJECT ESTIMATED TONNAGE			15,000

UNIT PRICE ADJUSTMENT FOR LOT QUANTITY OF ASPHALT CONCRETE PAVEMENT - EPS

					DENSITY		GRADATION		ASPHALT CONTENT				
Date(s) Laid	Lot No.	*Lot Type QA or QC	Mix Type	Design Lift Thickness (mm)	Unit Price Adj. for Density (PAd) (B)	Lot Unit Price Adjustment for Density B x F	Unit Price Adj. for Grad. (PAg) (C)	Lot Unit Price Adjustment For Gradation C x F	Unit Price Adj. for Asphalt Content (PAa) (D)	Lot Unit Price Adjustment for Asphalt Content D x F	Sum of The Unit Price Adjustment (PAd + PAg + PAa) B + C + D (E)	Lot Tonnes of Wet Mix (F)	Total Lot Adjustment In Dollars E x F
16-May-2012	1	QA	S1	50	$0.00	$0.000	$0.200	$200.00	$0.00	$0.00	$0.20	1,000.00	$200.0000
22-May-2012	2	QA	S1	50	($1.60)	($1,760.00)	($0.248)	($272.80)	($0.90)	($990.00)	($2.75)	1,100.00	($3,022.8000)
23-May-2012	3	QA	S1	50	$0.10	$120.00	$0.200	$240.00	$0.00	$0.00	$0.30	1,200.00	$360.0000
24-May-2012	4	QA	S1	50	$0.20	$260.00	($0.160)	($208.00)	($1.80)	($2,340.00)	($1.76)	1,300.00	($2,288.0000)
25-May-2012	5	QC	S1	50	$0.30	$420.00	$0.000	$0.00	$0.00	$0.00	$0.30	1,400.00	$420.0000
26-May-2012	6	QA	M1	60	$0.40	$600.00	$0.200	$300.00	$0.00	$0.00	$0.60	1,500.00	$900.0000
27-May-2012	7	QA	M1	60	$0.50	$800.00	$0.200	$320.00	$0.00	$0.00	$0.70	1,600.00	$1,120.0000
28-May-2012	8	QC	M1	60	$0.60	$1,020.00	$0.000	$0.00	$0.00	$0.00	$0.60	1,700.00	$1,020.0000
29-May-2012	9	QC	M1	60	$0.70	$1,260.00	$0.000	$0.00	$0.00	$0.00	$0.70	1,800.00	$1,260.0000
30-May-2012	10	QA	M1	60	$0.80	$1,520.00	$0.200	$380.00	$0.00	$0.00	$1.00	1,900.00	$1,900.0000
31-May-2012	11	QA	H2	70	($0.10)	($200.00)	($0.600)	($1,200.00)	$0.00	$0.00	($0.70)	2,000.00	($1,400.0000)
1-Jun-2012	12	QA	H2	70	($0.20)	($200.00)	($0.800)	($800.00)	$0.00	$0.00	($1.00)	1,000.00	($1,000.0000)
2-Jun-2012	13	QC	H2	70	($0.30)	($600.00)	$0.000	$0.00	$0.00	$0.00	($0.30)	2,000.00	($600.0000)
3-Jun-2012	14	QC	H2	70	$0.90	$900.00	$0.000	$0.00	$0.00	$0.00	$0.90	1,000.00	$900.0000
4-Jun-2012	15	QA	H2	70	$1.00	$2,000.00	$0.200	$400.00	$0.00	$0.00	$1.20	2,000.00	$2,400.0000
	16												
	17												
	18												
	19												
	20												
	21												
	22												
LOT TYPE:					SUM (O)	$6,140.00	SUM (P)	($640.80)	SUM (Q)	($3,330.00)		22,500.00 T	$2,169.20

* Enter QA for Regular QA Lots and QA Acceptance Lots.
* Enter QC for QC Acceptance Lots.

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IRI SMOOTHNESS
L1, L2, L3 - 1st, 2nd, & 3rd lane left of median or centerline.
R1, R2, R3 - 1st, 2nd, & 3rd lane right of median or centerline.

STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - EDITION 14, 2010

PROJECT ASSESSMENTS AND PAY ADJUSTMENTS FOR SMOOTHNESS AND SEGREGATION

IRI SMOOTHNESS (Penalty/Bonus)

RIDE QUALITY HWY	LANE	PAYMENT ASSESSMENT	LANE	PAYMENT ASSESSMENT
Hwy 555	R1	$1,000.00	L1	$1,000.00
Hwy 556	R1	$1,000.00	L1	$1,000.00
Hwy 557	R1	$1,000.00	L1	$1,000.00
Hwy 558	R1	$1,000.00	L1	$1,000.00
Hwy 559	R1	$1,000.00	L1	$1,000.00
Hwy 560	R1	$1,000.00	L1	$1,000.00
Hwy 561	R1	$1,000.00	L1	$1,000.00

H TOTAL RIDE QUALITY Sublot Payment Assessments **$14,000.00**

AREAS OF LOCALIZED ROUGHNESS HWY	LANE	PENALTY ASSESSMENT	LANE	PENALTY ASSESSMENT
Hwy 555	R1	($2,000.00)	L1	($1,000.00)
Hwy 556	R1	($1,000.00)	L1	($1,000.00)
Hwy 557	R1	($1,000.00)	L1	($1,000.00)
Hwy 558	R1	($1,000.00)	L1	($1,000.00)
Hwy 559	R1	($1,000.00)	L1	($1,000.00)
Hwy 560	R1	($1,000.00)	L1	($1,000.00)
Hwy 561	R1	($1,000.00)	L1	($1,000.00)

I TOTAL A.L.R. Penalty Assessments **($15,000.00)**

J SMOOTHNESS ASSESSMENT (H + I) (+ or -$) **($1,000.00)**

SEGREGATION

K	Lane kilometres subject to $500 bonus	lane.kms	5.500
L	Lane kilometres subject to $1000 bonus	lane.kms	10.700
M	Total Penalty for Segregation and C-of-Paver	(-$)	($1,250.00)
	Total Length for Center-of-Paver Streaks	m	35
N	[1]TOTAL SEGREGATION ADJUSTMENT	(+ or -$)	**$12,200.00**

TOTAL SEGREGATION ADJ. = [1]Sum of ((K * $500) + (L * $1000) + M)

TOTAL PROJECT ASSESSMENTS AND PAY ADJUSTMENTS (SUM of J+N+O+P+Q)	**$13,369.20**

CERTIFIED CORRECT POSITION

FINAL

Alberta Transportation

Final Details Project Summary Information

Legend
Required Fields
Calculated Fields

Final Details Project Summary Information	
Construction Contract Number	CON
Project Description	
Consultant Contract Number	CON
Consultant Construction Daily Rate ($/day) (rate used for construction duration increases)	
Contract Completion	
Original "Specified Contract Completion Date"	
Additional Days Approved for Completion Date Extension	
Extended Contract Completion Date	
Last Day Contractor Worked on Site	
Date of Construction Completion Certificate	
Warranty Start Date	
Damages for Delay (days assessed)	
Damages for Delay - Daily Rate ($/day)	
Total DD Penalty Assessment ($)	$ 0
Lane Closure Summary	
Total Lane Closure Days Bid	
Additional Lane Closure Days Approved	
Total Approved Lane Closure Days	0
Total Lane Closure Days used	
Lane Closure Bonus/Penalty (days assessed)	0
Lane Closure - Daily Rate ($/day)	
Total Lane Closure Bonus/Penalty Assessment	$ 0
Site Occupancy Summary	
Estimated Days from Proposal or Terms of Reference	
Total Site Occupancy Days Bid	
Additional Site Occupancy Days Approved	
Total Approved Site Occupancy Days	0
Total Site Occupancy Days used	
Site Occupancy Bonus/Penalty (days assessed)	0
Site Occupancy Daily Rate ($/day)	
Total Site Occupancy Penalty Assessment	$ 0

Consultant Labour Summary		
Total Number of Consultant Staff Days on Contract (from A.07) Contract Duration (eg: site occupancy days used) Multiplied by # of Staff/Day		
Skilled Labour - Percentage (%)	%	0
AB Residents	%	0
Non - AB Residents	%	0
Un-skilled Labour	%	0
AB Residents	%	0
Non - AB Residents	%	0
Contractor Labour Summary		
Total Number of Contractor Staff Days on Contract (from A.07) Contract Duration (eg: site occupancy days used) Multiplied by # of Staff/Day		
Skilled Labour	%	0
AB Residents	%	0
Non - AB Residents	%	0
Un-skilled Labour	%	0
AB Residents	%	0
Non - AB Residents	%	0

Notes:

A skilled occupation is an occupation that falls under one of the following skills levels under the National Occupational Classification (NOC) system:

NOC 0: Includes management occupations that usually require a university degree (bachelor's, master's, or doctorate) or a professional designation.

NOC A: Includes occupations that usually require university education.

NOC B: Includes occupations that usually require college education.

Note: Skilled labour to include apprentice/journeyman trades.

Consultants shall complete form and click Submit to return the data to the form author. This new form should also be submitted to the Project Sponsor with the Final Details.

Alberta Transportation

Final Details Project Summary Information

Legend
Required Fields
Calculated Fields

Final Details Project Summary Information	
Construction Contract Number	CON12345
Project Description	Bridge Rehabilitation and Other Work
Consultant Contract Number	CON54321
Consultant Construction Daily Rate ($/day) (rate used for construction duration increases)	$ 2,000
Contract Completion	
Original "Specified Contract Completion Date"	10/15/2016
Additional Days Approved for Completion Date Extension	1
Extended Contract Completion Date	10/16/2016
Last Day Contractor Worked on Site	10/18/2016
Date of Construction Completion Certificate	10/18/2016
Warranty Start Date	10/18/2016
Damages for Delay (days assessed)	2
Damages for Delay - Daily Rate ($/day)	$ 800
Total DD Penalty Assessment ($)	$ 1,600
Lane Closure Summary	
Total Lane Closure Days Bid	40
Additional Lane Closure Days Approved	0
Total Approved Lane Closure Days	40
Total Lane Closure Days used	35
Lane Closure Bonus/Penalty (days assessed)	-5
Lane Closure - Daily Rate ($/day)	$ 1,000
Total Lane Closure Bonus/Penalty Assessment	-$ 5,000
Site Occupancy Summary	
Estimated Days from Proposal or Terms of Reference	55
Total Site Occupancy Days Bid	50
Additional Site Occupancy Days Approved	1
Total Approved Site Occupancy Days	51
Total Site Occupancy Days used	55
Site Occupancy Bonus/Penalty (days assessed)	4
Site Occupancy Daily Rate ($/day)	$ 1,000
Total Site Occupancy Penalty Assessment	$ 4,000

SAMPLE

Consultant Labour Summary		
Total Number of Consultant Staff Days on Contract (from A.07) Contract Duration (eg: site occupancy days used) Multiplied by # of Staff/Day	250	
Skilled Labour - Percentage (%)	90 %	225
AB Residents	90 %	203
Non - AB Residents	10 %	23
Un-skilled Labour	10 %	25
AB Residents	80 %	20
Non - AB Residents	20 %	5
Contractor Labour Summary		
Total Number of Contractor Staff Days on Contract (from A.07) Contract Duration (eg: site occupancy days used) Multiplied by # of Staff/Day	500	
Skilled Labour	60 %	300
AB Residents	80 %	240
Non - AB Residents	20 %	60
Un-skilled Labour	40 %	200
AB Residents	50 %	100
Non - AB Residents	50 %	100

SAMPLE

Notes:

A skilled occupation is an occupation that falls under one of the following skills levels under the National Occupational Classification (NOC) system:

NOC 0: Includes management occupations that usually require a university degree (bachelor's, master's, or doctorate) or a professional designation.

NOC A: Includes occupations that usually require university education.

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Note: Skilled labour to include apprentice/journeyman trades.

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