TO ESTABLISH GEOMETRIC CONTROL FOR THE CONSTRUCTION OF THIS
PROJECT, THE DEPARTMENT HAS PROVIDED THE FOLLOWING INFORMATION:

Format*

☐ Horizontal Control _____
☐ Vertical Control _____
☐ Roadway Alignment _____
☐ Original Terrain Data _____
☐ Other: _____ _____

* Specify the information format, ie., plan sheet, computer
disk, computer printout, or other.
The information marked is either contained on the plans or is
available from the Engineer.

TYPE OF PROJECT
☐ Landscaping
☐ Signalization
☐ Safety Improvement
☐ Asphalt Overlay
☐ Concrete Overlay
☐ Minor Widening
☐ Major Reconstruction
☐ New Roadway Construction
☐ Bridge Replacement
☐ Bridge Widening
☐ New Bridge
☐ Other: _____

SURVEY WORK TO BE PERFORMED BY OTHERS: _____

WORK PERFORMED BY THE CONTRACTOR'S SURVEYOR UNDER ITEM 625:

____ ☐ Establish and Maintain Project Centerline or Engineer Approved Offset Line(s)
____ ☐ Verification and Maintenance of Horizontal and Vertical Control
____ ☐ Verify or Determine existing grades and alignments
____ ☐ Verify or Determine existing topography
____ ☐ Clearing and Grubbing Limits
____ ☐ Removal Limits
____ ☐ Reset Items
____ ☐ Excavation and Embankment
____ ☐ Excavation

	SLOPE STAKING (Y/N)	GRID (Y/N)	GRADE STAKES	SPECIAL INTERVAL
Excavation	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
Embankment	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-

____ ☐ Unclassified
____ ☐ Stripping
____ ☐ Muck
____ ☐ Rock
____ ☐ Borrow
____ ☐ Other:

____ ☐ Embankment
____ ☐ Site Grading
____ ☐ Erosion Control (Perm)
____ ☐ Other: _____

____ ☐ As Staked Earthwork Quantities
(See General Notes)

____ ☐ Landscaping
____ ☐ Top Soil
____ ☐ Seeding
____ ☐ Mulching
____ ☐ Planting
____ ☐ Herbicide
____ ☐ Other: _____

____ ☐ Erosion Control
____ ☐ Seeding (Temp)
____ ☐ Silt Fences
____ ☐ Straw Bales
____ ☐ Temporary Berm
____ ☐ Riprap (Temp)
____ ☐ Other (Temp Diversion, Temp Slope Drain, Brush Barrier,
Check Dam, Other): _____

____ ☐ Riprap (Perm)
____ ☐ Slope and Ditch Paving
____ ☐ Delineators
____ ☐ Temporary
____ ☐ Permanent

____ ☐ Roadway Bases
____ ☐ Untreated Subgrade
____ ☐ Treated Subgrade
____ ☐ Aggregate Base Course
____ ☐ Reconditioning
____ ☐ PMBB - Plant Mix Bituminous Base
____ ☐ Other: _____

____ ☐ Pavements
____ ☐ HBP - Hot Bituminous Pavement
____ ☐ Concrete
____ ☐ Overlay
____ ☐ Heating & Scarifying Treatment
____ ☐ Prime Coat, Tack Coat & Rejuvenating Agent
____ ☐ Seal Coat or Chip Seal
____ ☐ Other: _____

____ ☐ Roadway Elements
____ ☐ Curb and Gutter
____ ☐ Drop inlets - alignment and grades
____ ☐ Retaining Walls
____ ☐ Guard Rail
____ ☐ Sidewalk
____ ☐ Other: _____

____ ☐ Minor Structures
____ ☐ Structure Excavation limits
____ ☐ Culverts
____ ☐ Culverts w/ Headwalls and Wingwalls
____ ☐ Concrete Box Culverts w/ Headwalls and Wingwalls
____ ☐ Pipes
____ ☐ Sanitary Sewer
____ ☐ Storm Sewer
____ ☐ Water
____ ☐ Irrigation
____ ☐ Miscellaneous
____ ☐ Manholes
____ ☐ Inlets
____ ☐ Other: _____

____ ☐ Major Structures - Overhead Signs, Concrete Box Culverts, Bridges -
and all other structures assigned a structure number
____ ☐ Structure Excavation limits
____ ☐ Concrete Box Culverts w/ Headwalls and Wingwalls
____ ☐ Piling locations and cut off elevations
____ ☐ Caisson locations and elevations
____ ☐ Footing locations, alignment, and elevations
____ ☐ Abutment/Pier locations, alignment, and elevations
____ ☐ Wingwall skew angles/offsets
____ ☐ Structural concrete form locations
____ ☐ Substructure As-constructed survey (Required by Subsection
601 .12 for Bridges and S-614-50 for Overhead signs)
____ ☐ Bridge expansion joint(s) alignment and grade
(longitudinal and transverse)
____ ☐ Deck grades at Girder 10th or "n" th point locations and elevations
____ ☐ Slope and Ditch Paving
____ ☐ Other: _____

____ ☐ Fencing
____ ☐ Temporary
____ ☐ Permanent
____ ☐ Sound Barriers
____ ☐ Other: _____

____ ☐ Lighting and Traffic Control Devices (Perm)
____ ☐ Signal pole locations and elevations
____ ☐ Light pole locations and elevations
____ ☐ Signs
____ ☐ Field verify sign post locations, elevations, and lengths
before fabrication.
____ ☐ Other: _____

____ ☐ Pavement Marking
____ ☐ Striping (Temp)
____ ☐ Striping (Perm)
____ ☐ Symbols
____ ☐ Other: _____

Roadway Bases	GRID (Y/N)	SPECIAL INTERVAL	SPECIAL OFFSET
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

Pavements			
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

Curb & Gutter	Tangent Interval	Curve Interval	Special Offset
	-	-	-

____ ☐ Temporary Lighting and Construction Traffic Control Devices
____ ☐ Signal pole locations and elevations (Temp)
____ ☐ Light pole locations and elevations (Temp)
____ ☐ Signs (Temp)
____ ☐ Other: _____
____ ☐ Easement (Temp)(Staking)(P.L.S. Only)
____ ☐ Right of Way (Temp) (Staking)(P.L.S. Only)

WORK PERFORMED BY THE CONTRACTOR'S SURVEYOR UNDER ITEM 629:

____ ☐ Monumentation
____ ☐ Control
____ ☐ Right of Way
____ ☐ Land corners, Aliquot corners
____ ☐ Easement (Perm)
____ ☐ Reference the specified existing monuments: ** _____
____ ☐ Relocate the specified existing monuments: ** _____
____ ☐ Locate monuments. It is estimated _____ hours are required.

** A Tabulation of Survey Monuments may be provided on the plans.
Note: All 629 items shall include adequate research, calculations,
and evaluations of evidence for all monuments to be set.

GENERAL NOTES:

Unless indicated otherwise on this Survey Tabulation Sheet, all survey work and staking intervals shall
be done in accordance with the latest edition of the entire CDOT Survey Manual.

Adequate information for establishing lines, grades, and locations for all work items have been specified
on the plans. Any additional information required to stake the item or element shall be generated by
the Contractor's surveyor.

The Contractor's surveyor shall provide an estimate of the man-hours necessary to complete the work
items indicated on this sheet. A copy of this sheet, with the estimated man-hours written on the
blank line to the left of the specified items, shall be submitted with the Survey Schedule to the
Engineer _____ days prior to Presurvey Conference - Construction Survey.

Stakes and Monuments which are damaged or destroyed by the progress of construction shall be
replaced by the Contractor at no additional cost to the Department.

The Contractor shall furnish an As Staked earthwork quantity to the Engineer prior to completion of
twenty percent (20%) of the planned earthwork in any phase as per the CDOT Survey Manual. A printed
copy of the As Staked earthwork data and a computer disk in the specified format shall be submitted
to the Engineer. The Contractor shall field verify original ground cross sections at a maximum 500 feet
intervals.

Prior to beginning work on any subsequent operation, such as placing base course or paving, the
Contractor shall certify in writing to the Engineer that the final grade is within specified tolerance.

The Contractor's surveyor shall perform all field surveying and calculations necessary to tie plan grades
into field grades.

The Contractor shall coordinate construction staking on the project with any utility work.

The Contractor's surveyor shall submit the following fieldbooks to the Engineer:

☐ Horizontal Control (Primary & Secondary)
☐ Vertical Control (i.e. Benchmarks)
☐ Property Pin Ties
☐ Horizontal Alignment
☐ Grading
☐ Slope Staking
☐ Minor Structures
☐ Major Structures
☐ One fieldbook for each work category shown on this sheet
☐ Other Fieldbook(s):

Print Date: 7/12/2006
Drawing File Name: SampleSurveyTabulationSheet.dgn
Horiz. Scale: 1:1   Vert. Scale: As Noted
Unit Information   Unit Leader Initials

R-X

Sheet Revisions		
Date:	Comments	Init.

Place Resident Engineer Cell Here

As Constructed
No Revisions:
Revised:
Void:

SURVEY TABULATION SHEET

Designer:	EPC	Structure Numbers
Detailer:	EAH	
Sheet Subset:		Subset Sheets:	of

Project No./Code
Project Number
Code
Sheet Number   1