

North South Bikeway Improvements PR 002673 – Notice 08-04

Addendum No. 1 - CDOT Requirements

January 25, 2008

The University of Colorado has received federal funds for this project. The project plans and specifications shall be developed in Colorado Department of Transportation (CDOT) format using the latest AASHTO and CDOT design and construction standards, guidelines, practices, and procedures

All proposed consultants shall be pre-qualified with CDOT for structural and roadway design.

The Department has determined the contract goal for UDBE participation in this Contract will be met with certified UDBEs who have been determined to be underutilized on professional services contracts. The UDBE goal for this project is being established.

The project survey shall be tied into the High Accuracy Reference Network (HARN).

The consultant shall provide a geotechnical report including testing for water soluble sulfates and a hydraulic report.

Structure design and submittals shall be in accordance with the CDOT Bridge Design Manual including a structure selection report.

The consultant will be responsible for preparing documents in accordance with the National Environmental Policy Act of 1969 (NEPA) and federal, state and local environmental regulations. Most local agency projects will be covered by a Categorical Exclusion (Cat Ex).

These documents will be in CDOT's format and presented to CDOT for review and submittal to FHWA for the following clearances as applicable:

Threatened or Endangered Species

If it is determined that habitat for any threatened or endangered (T&E) species could potentially occur within the project footprint or adjacent to the project site, a biologist qualified to conduct T&E assessments and/or surveys will need to be retained. It will be the biologist's responsibility to follow survey protocol and obtain all applicable permits to conduct the survey.

Wetlands

If it is determined that wetlands exist within the project area, a wetland ecologist or other qualified person will conduct a wetland determination and if needed, a wetland delineation. The wetland delineation shall be conducted according to the guidelines outlined in the 1987 Corps of Engineers (Corps) Wetland Delineation Manual. Wetland boundaries will be surveyed into the project plan sheets, and temporary and/or permanent impacts determined.

If the wetlands are jurisdictional, project activities will be subject to Section 404 permitting through the U.S. Army Corps of Engineers (Corps).

Section 404 Permitting

If a Section 404 permit is required, the applicant will be responsible to ensure all conditions of the

permit are adhered to, including preparation of a mitigation plan. CDOT requires a copy of the Corps permit.

Mitigation/Wetland Findings

For permanent impacts of 500 sq feet or temporary impacts of 1000 sq feet, including wetlands not regulated by the Corps (CDOT treats non-jurisdictional wetlands the same as jurisdictional wetlands), CDOT will require a Wetland Findings Report that will include a detailed mitigation plan. Unless otherwise noted, mitigation will be at a 1:1 ratio. For all mitigation requirements, coordination with Jim Eussen, CDOT R-4 biologist (970.350.2168) will be initiated.

Noxious Weeds

A noxious weed survey and management plan will be completed if directed by R4 Environmental staff. Noxious weed surveys and management plans will only be completed if there is a heavy weed infestation.

Senate Bill 40

Senate Bill 40 requires any state, or state funded project to obtain wildlife certification from the Colorado Division of Wildlife when construction is planned in any stream, streambanks or tributaries, either under CDOT Programmatic protocol or a formal request, if required. Documentation will consist of the letter sent to the Colorado Division of Wildlife under the Programmatic agreement or a response from the Colorado Division of Wildlife if a formal request was made.

Hazardous Materials

An initial site assessment using CDOT form 881 will be conducted to determine if any hazardous materials may exist in the project area. If upon this assessment, hazardous materials were found to exist in the area, CDOT will determine whether a Phase I Site Assessment will be required.

A Phase I Site Assessment (if necessary) will be conducted in accordance with ASTM E 1527-05 Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process*.

Storm water Discharge Permit Associated with Construction Activity (CDPS)

During construction if one acre or more of earth disturbance is anticipated a CDPS permit is required. A Storm Water Management Plan (SWMP) is one of the requirements for the CDPS permit. All SWMP's must be approved by R4 region environmental. CDOT must approve any seeding mix used for revegetation within CDOT right-of-way.

Noise Analysis

A noise analysis will be conducted if the project is adding capacity or significantly changing current roadway design. The analysis will be compatible with 23 CFR 772, Procedures for Abatement of Highway Traffic Noise and Construction Noise, Federal-Aid Policy Guide Transmittal 19, 10-16-1997, Subchapter H – <http://www.fhwa.dot.gov/legsregs/directives/fapg/cfr0772.htm> and the procedures outlined in the CDOT Noise Analysis and Abatement Guidelines, December 1, 2002 or most recent version.

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