

# Wireless Communication Facilities (WCF) Base Station or Alternative Tower Structure Review Procedure & Checklist

The purpose of this guide is to provide general information about the review process for a Base Station or Alternative Tower Structure, per Greeley Municipal Code Sec. 24-1456 through 24-1462. This guide is not intended to be all inclusive. Additional information may be requested by the City during the application process.

FEES: SHOT CLOCK:

Planning: \$1000 90 days (major modification)

Real Estate: not applicable

Building: Plan Review Fee; Permit Fee Varies by Valuation
Public Works: \$15\* Traffic Control; \$50\* ROW; Permit Fee varies

\*application /review fee only, additional permits fees required

#### COMPLETE APPLICATION REQUIREMENTS

Planning: WCF-Base Station/Alt Tower Structure checklist, application materials, fee (submit via eTrakit)

Real Estate (if on city property): Application (submit to realestatemanagement@greeleygov.com)

Building: Permit application, plans, engineered drawings (if applicable), fees\*

(submit via eTrakit at time of project resubmittal) \*Permit & plan review fees are assessed after application is received

Public Works (if applicable): Right of way (ROW) permit application\*, engineered drawings, traffic control plan, fees (submit via Public Works Permit Portal at time of project resubmittal)

\*Requires ROW contractor's license (through Sales Tax office)

Base Stations or Alternative Tower Structures (designated as "D" in the Table of Principal Land Uses, Sec. 24-628), are provided a modified and expedited Design Review (DR) process, whereby city staff reviews a complete application and renders an administrative decision. Staff may require revisions to the proposed plans to eliminate, or mitigate to an acceptable level, any potentially adverse effects of the proposed Wireless Communication Facility. Refer to Sec.24-1153 through 24-1182 and Sec. 24-1456 through 24-1462 of the Development Code.

Only complete applications will be accepted and reviewed.



# WCF - Base Station/Alternative Tower Structure Planning Submittal Checklist

The following checklist is intended to provide an outline for applicants to ensure a complete submittal and avoid processing delays due to inadequate information. Applications for a Base Station or Alternative Tower Structure shall include all items listed in the following checklist. If an item is not checked as included in the submittal, a detailed narrative outlining reasons why the item has not been submitted shall be included. Lack of such statement or any required items will constitute an incomplete submittal and shall be rejected by the City. Please review Sec. 24-1456 through 24-1462 and 24-473 through 24-487 of the City of Greeley Development Code for complete application and procedural requirements.

#### APPLICATION SUBMITTAL REQUIREMENTS

Application form (attached).

Application fee consistent with the City of Greeley's Fee Schedule (Major Design Review)

Proof of ownership or legal instrument identifying the Applicant's interest in the property.

Project Narrative (see requirements below).

Signal Non-interference Letter.

Radio Frequency Emission Statement.

Updated Inventory of Sites (if carrier has not updated plans on file in last 6 months).

Abandonment and Removal Affidavits - Property Owner AND Applicant/Equipment Owner.

Graphic representation of "Before" and After photo simulations

Elevations

Site Plan

Landscape & Irrigation Plan

#### NARRATIVE REQUIREMENTS

Describe the proposed operation and use.

Address any impacts the use may have on the area (i.e., traffic, noise, lighting, etc.).

Address any applicable elements of the Development Code, including, landscaping and buffering, design review, general performance standards, areas of ecological significance, oil and gas operations, overlay districts, etc.



## Land Use Application

Please print or type all required information. This form is **NOT** the complete submittal. The application fee and all associated materials are to be provided with this form. Staff will review the submittal and advise you of its completeness for processing.

Project Name:										
Land Use Re	and Use Request:									
Address/Loc										
	Existing									
Zoning										
Site Use										
Site Area	Acres:	Sq. Ft.:								
Property Owner of Record Applicant / Submittal Contact (if different)										
Name			, (J 35 )							
Business										
Address										
Phone #										
E-Mail										
This applicati	on movet he signed by all a	armon(a) of magain and an the	and a company if a company is a company is a company in a							
This application must be signed by <b>all owner(s)</b> of record or the authorized officer, if a corporation; current proof of ownership, such as a warranty deed, is to be submitted with this application. A letter of authorization should be submitted if the authorized representative will be acting on the owner's behalf.										
I/We, the owner(s), depose and state under penalties of perjury that the application and support materials provided to the City of Greeley for the identified request(s) are true and accurate. I/We am/are fully aware of all requests being made to the City of Greeley and authorize individuals or firms to represent our interest in this/these request(s).										
Name:		Name:								
Signature:		Signatur	e:							
Date: Date:										



### **Development Assistance Packet**

#### **Note Regarding Development Assistance Packets**

Development Assistance Packets are meant to facilitate applicants in land use review procedures, submittal requirements, and overall process for evaluation of land use applications in the City of Greeley, Colorado.

Although the packets contain information regarding land use review processes, they are not a complete summary of the City of Greeley's Development Code, nor are they intended to be. Applicants are highly encouraged to familiarize themselves with the requirements of the City of Greeley's Development Code and all amendments thereto.

#### **City of Greeley Development Code:**

https://library.municode.com/co/greeley/codes/municipal code?nodeId=TIT18DECO

#### eTRAKiT Electronic Development Review System

Online Access 24 Hours a Day / 7 Days a Week

Greeley's New Online Portal for:

Land Use & Development Applications

**Permits** 

Inspections

Code Compliance Cases

Citizen Inquiry & Reporting Portal

Applications - Payments - Scheduling - Uploads/Downloads - View Documents -

eTRAKiT website: https://trakit.greeleygov.com/etrakit/

The City of Greeley has implemented a new online system – eTRAKiT – to facilitate the best access possible for all development related activities. All development projects, permits, and inspections must be submitted and requested through this portal. For additional information on our new system and helpful tips, please visit the eTRAKiT help page at http://greeleygov.com/services/etrakit/about.



## **Real Estate Application for WCF on City Property**

Send to realestatemanagement@greeleygov.com at same time as land use application is submitted.

Cellular Company Name	Date:				
Company Full Legal Name:	Address:				
Contact:	Main Phone:				
Email:	Direct Phone:				
Authorized Agent/Contractor					
Company:	Main Phone:				
Contact:	Direct Phone:				
Address:	Email:				
City Property Information	- <del></del>				
Address:	Intersection:				
Parcel #:	Facility Name:				
Project Details					
Proposed Date of Construction:	Proposed Square Foot:				
Project Summary					
Describe in detail the proposed work to be	completed, include proposed point of access:				

Real Estate Management Division • 1000 10<sup>th</sup> Street, Greeley, CO 80631 RealEstateManagement@GreeleyGov.com • (970) 350.9396

Site Plan

Elevations

**Attached Exhibits:** 



# WCF - Base Station/Alternative Tower Structure Building Division Permits

#### **BUILDING DIVISION**

970-350-9830

http://greeleygov.com/services/building-inspection

For pole replacement, attachment to existing pole or structure, or new structure, please use:

COMMERCIAL EXISTING -TELECOMMUNICATION

PERMIT APPLICATION.

All permits must be applied for via eTrakit and should be submitted at time of project resubmittal.



# WCF - Base Station/Alternative Tower Structure Public Works Permitting

#### **PUBLIC WORKS**

970-350-9881

http://greeleygov.com/services/pw

#### PERMIT APPLICATION AND INFORMATION ATTACHED:

Permit / Fee Schedule for Construction in City ROW & Easements (\$50 application fee)

Temporary Traffic Control Permit (\$15 application fee)

Stormwater Management Requirements

\*All materials must be submitted via Public Works Permit Portal at time of project resubmittal.



### **City of Greeley**

### Permit Application

App Date:	
Iceus Date:	

#### CONSTRUCTION IN PUBLIC RIGHT OF WAY/EASEMENTS

Permit Type:	Permit No.				
(Choose One - New Development, Infrastructure Imprvt., Repairs, Utility) Applicant's Company Name:	Applicant's Name:				
(Contractor, Developer, Company or Homeowner) Applicant's Address:	Project No: Lic. No:				
Applicant's City/St/Zip:	Contractor:				
Contact's Name:	Contractor's Contact:				
Applicant's Phone:	Contractor's Phone:				
Applicant's Cell:	Contractor's Cell:				
Applicant's Email Address:	Contractor's Email Address:				
Existing Surface:	Work Site Contact:				
(Choose One - Asphalt, Concrete, Dirt, Gravel, Landscaped) Traffic Control Plan Required: (circle one ) Yes No	Work Site Cell:				
Dates of Construction:	Work Site Address:				
(From - To) Streets Affected:	Subdivision/Project:				
St. Cut Sizes: Length: Depth: Width:					
Description of Work: Circle one or more of the following: Leak Repair, Repairs, New	Subdivision, New Commercial, Pot Hole, Underground Conduit,				
UG Bore, Storm Water Imprvts., Concrete Imprvts., Street Construction, Utility Construction)	)				
Detailed Description:					
Permit application and review fees are due upon application. Application fees are non-reduct to incompleteness, application will be voided.  I (we), hereby, agree to be bound by the provisions of the City of Greeley Construction Specifications, the Control devices, and to such special conditions, restrictions, and regulations, as well as all applicable sal Greeley. It is agreed that the undersigned will save the City harmless from all suits and damage resulting In the event work is completed without inspection and approval, the applicant may be required to remove applicant's expense, and an additional fee (20% of permit total) will be charged.	e Greeley Municipal Code, the Manual on Uniform Traffic les taxes as may be reasonably imposed by the City of g from the performance of the work.				
For Public Works Inspections (concrete, asphalt, potholes, street cut), call 48-hours in advance of construction start 970-350-9359 For Water/Sewer Inspections (improvements, repair, bore after pothole & profile approval), call 48-hours in advance 970-350-9320 For Land Grading Inspections (sediment & erosion control), call 24-hours in advance 970-336-4072 For Building Inspection (erection, construction, alteration, repair, moving, demolition) 24-hour request line 970-350-9840 The "One-Call System" for all utility locates is 1-800-922-1987 or 811.					
Applicant's Printed Name:	Date:				
Applicant's Signature:					
Rev 7/2016					



### CITY OF GREELEY - PUBLIC WORKS ENGINEERING DIVISION FEE SCHEDULE FOR CONSTRUCTION IN THE PUBLIC ROW/EASEMENTS

NEW

**FEES EFFECTIVE January 2, 2019** 

PROJECT DESCRIPTION:	2008 Base Fee		PERMIT NO.		
Permit Application Fee	\$50.00				\$0.00
Traffic Control Review Fee	\$15.00				\$0.00
<u>CATEGORY I</u>					
A. STORM WATER SYSTEM	<u>FEE</u>	<u>UNIT</u>	<u>QUANTITY</u>	MINIMUM \$10.00	COST
Storm Water Tap Fee	\$119.50	each		\$0.00	\$0.00
Inlets Storm Main Line Construction	\$119.50 \$2.99	each LF		\$240.00 \$240.00	\$0.00 \$0.00
Detention Ponds (Public or HOA)	\$537.75	Facility		\$0.00	\$0.00
Detention Ponds (Private)	\$119.50	Facility		\$0.00	\$0.00
Concrete Drainage Channels & Pans	\$0.24	LF		\$180.00	\$0.00
Earth Channels	\$0.18	LF		\$61.32	\$0.00
Manholes	\$59.75	each		\$240.00	\$0.00
Rip Rap Pads	\$5.98	CY		\$180.00	\$0.00
Concrete Drainage Structures	\$17.93	CY		\$240.00	\$0.00
SUBTOTAL SECTION A					\$0.00
B. CONCRETE IMPROVEMENTS	<u>FEE</u>	<u>UNIT</u>	QUANTITY	<u>MINIMUM</u>	COST
Sidewalk, Trail, Bikepath, Drive Approach	\$0.60	LF		\$50.00	\$0.00
Concrete Channels & Pans	\$0.60	SF		\$50.00	\$0.00
Curb and Gutter	\$0.60	LF		\$50.00	\$0.00
Combination Curb, Gutter, Sidewalk	\$0.72	LF		\$50.00	\$0.00
Sidewalk Chase Drains	\$59.75	each		\$0.00	\$0.00
Radii which includes ADA Access Ramps	\$119.50	each		\$0.00	\$0.00
ADA Access Ramps	\$119.50	each		\$0.00	\$0.00
Cross Pans	\$119.50	each		\$0.00	\$0.00
Concrete Structures SUBTOTAL SECTION B	\$17.93	CY		\$240.00	\$0.00 \$0.00
SUBTUTAL SECTION B					\$0.00
C. STREET CONSTRUCTION	<b>#0.00</b>			<b>#</b> 400.00	<b>#</b> 0.00
Subgrade	\$0.96	LF		\$180.00	\$0.00
Base Applied Boying	\$0.96	LF LF		\$180.00	\$0.00
Asphalt Paving Street Cut-Patch Inspection	\$0.96 \$0.24	SF		\$180.00 \$50.00	\$0.00 \$0.00
Street Signs	\$0.24 \$2.39	each		\$0.00	\$0.00
SUBTOTAL SECTION C	Ψ2.00	Cacii		Ψ0.00	\$0.00
D. DDV LITH ITIES/IDDIC ATION/ETC	CEC	LINUT	OLIANTITY	BAINIBALIBA	COST
D. DRY UTILITIES/IRRIGATION/ETC.  Main Line Gas (Compacted Trench)	<b>FEE</b> \$0.84	<u>UNIT</u> LF	<u>QUANTITY</u>	MINIMUM \$150.00	<u>COST</u> \$0.00
Main Line Gas (Compacted Trench)  Main Line Gas (Flowable Fill)	\$0.60	LF	-	\$90.00	\$0.00
Main Line Gas Bore	\$0.30	LF	-	\$90.00	\$0.00
Main Line Electric (Compacted Trench)	\$0.84	LF	-	\$150.00	\$0.00
Main Line Electric (Flowable Fill)	\$0.60	LF		\$90.00	\$0.00
Main Line Electric Bore	\$0.30	LF		\$90.00	\$0.00
Communication Line (Compacted Trench)	\$0.84	LF		\$150.00	\$0.00
Communication Line (Flowable Fill)	\$0.60	LF		\$90.00	\$0.00
Communication Line Bore	\$0.29	LF		\$90.00	\$0.00
Irrigation Line > 18" (Compacted Trench)	\$0.81	LF		\$150.00	\$0.00
Irrigation Line > 18" (Flowable Fill)	\$0.60	LF		\$90.00	\$0.00
Irrigation Line Bore	\$0.30	LF		\$90.00	\$0.00
Other Lines (Compacted Trench)	\$0.84	LF		\$150.00	\$0.00
Other Lines (Flowable Fill)	\$0.60	LF . –		\$90.00	\$0.00
Other Lines Bore	\$0.30	LF		\$90.00	\$0.00
Test Holes / Potholes	\$5.98	each	-	\$90.00	\$0.00
SUBTOTAL D SUBTOTAL INSPECTIONS					\$0.00 \$0.00
					Ψ0.00

			PERMIT NO.		\$0.00
CATEGORY II E. WATER/SEWER	<u>FEE</u>	<u>UNIT</u>	QUANTITY	MINIMUM	COST
Disconnect / Abandonment Fee	\$89.63	each		\$0.00	\$0.00
Water Line Construction	\$2.99	LF		\$240.00	\$0.00
Sanitary Sewer Line Construction	\$2.99	LF		\$240.00	\$0.00
Non-Potable Water Line Construction	\$2.99	LF		\$240.00	\$0.00
Fire Line Construction	\$2.99	LF		\$240.00	\$0.00
Service Line Construction to Existing Water Main Lines	\$2.99	LF		\$240.00	\$0.00
Service Line Construction to Existing Sewer Main Lines	\$2.99	LF		\$240.00	\$0.00
Sanitary Sewer Manholes	\$59.75	each		\$240.00	\$0.00
Public Underdrain	\$1.64	LF		\$240.00	\$0.00
Underdrain Manholes	\$65.29	each		\$240.00	\$0.00
Concrete Structures - Water	\$17.93	CY		\$240.00	\$0.00
Concrete Structures - Sewer	\$17.93	CY		\$240.00	\$0.00
Water Bores	\$2.15	LF		\$180.00	\$0.00
Sewer Bores	\$2.15	LF		\$180.00	\$0.00
SUBTOTAL UTILITY INSPECTIONS				•	\$0.00

#### **PAVEMENT IMPACT FEE - STREET DEGRADATION**

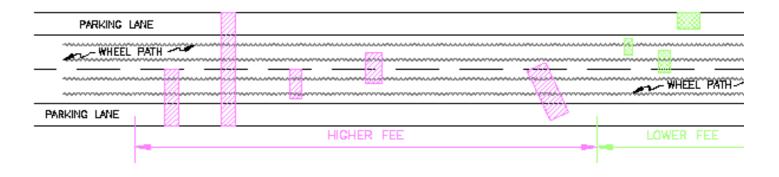
#### F. FEE SCHEDULE FOR EXCAVATING IN ROW WITH EXISTING PAVEMENT

(This fee is in addition to utility construction fees if new utility lines are being installed.)

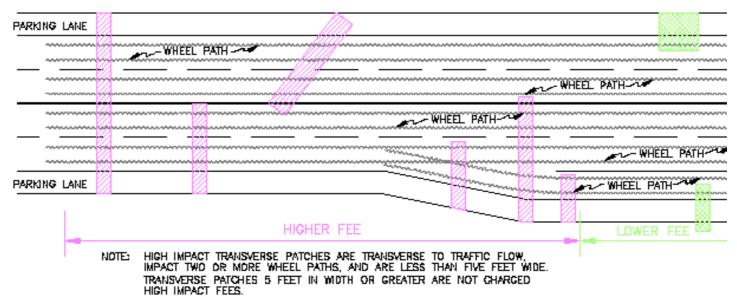
PAVEMENT CUTS IN PAVEMENTS LESS THAN 5 YEARS OLD					
Pavement Trench Cut	<b>FEE</b> \$4.05	<u>UNIT</u> SF	QUANTITY	MINIMUM	<u>COST</u> \$0.00
High Impact Transverse Trench Cut <5 Feet Test Hole/Pot Hole	\$24.29 \$53.98	SF each			\$0.00 \$0.00
	ψ33.90			<u>-</u>	ψ0.00
PAVEMENT CUTS w/PQI > 3.5 & OVER 5 YEARS OLD Pavement Trench Cut 1	<u>FEE</u> \$2.02	<u>UNIT</u> SF	<u>QUANTITY</u>	<u>MINIMUM</u>	<u>COST</u> \$0.00
High Impact Transverse Trench Cut <5 FT	\$2.02 \$12.15	SF		•	\$0.00 \$0.00
Test Hole/Pot Hole	\$26.99	each			\$0.00
PAVEMENT CUTS w/PQI < 3.5 OR NON-PAVED SURFACES	<u>FEE</u>	<u>UNIT</u>	QUANTITY	MINIMUM	COST
Pavement Trench Cut 2	\$0.34	SF	QUANTITI	WINAIMOM	\$0.00
High Impact Transverse Trench Cut	\$0.34	SF		-	\$0.00
Test Hole/Pot Hole	\$6.75	each			\$0.00
SUBTOTAL PAVEMENT IMPACT FEES					\$0.0000
TOTAL PERMIT FEES					
PERMIT APPLICATION					\$0.0000
TRAFFIC CONTROL REVIEW FEE					\$0.0000
P.W INSPECTION FEES					\$0.0000
W.&S UTILITY INSPECTION FEES					\$0.0000
PAVEMENT IMPACT FEES					\$0.0000
OTHER FEES (See Below) WAIVED FEES (CREDIT)					\$0.0000
TOTAL DUE					\$0.0000

**EXPLANATION OF OTHER FEES:** 

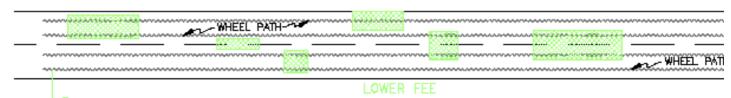
WORKING PRIOR TO PERMIT: 20% SURCHARGE INSPECTION OUTSIDE OF NORMAL WORKING HOURS \$60/HR WITH 2 HOUR MIN. RE-INSPECTION FEE (CALLED OUT MORE THAN TWICE WITHOUT BEING READY) \$75 + HOURLY RATE



#### FOUR LANE ROAD - HIGH IMPACT TRANSVERSE PATCHES



#### SQUARE AND LONGITUDINAL PATCHES



#### TEMPORARY TRAFFIC CONTROL WORK ZONES REVIEW FORM

CITY OF GREELEY / DEPARTMENT OF PUBLIC WORKS



1001 9TH AVE GREELEY, CO 80631

Office - (970)-336-4091

(Call 350-9881 when job is complete.)

CITY PERMT NO.

Cellular - (970)-539-6213 Fax - (970)-336-4142

Fax or return to the Transportation Services Division Office for Review.

Rev 2-2011

BY SIGNING THIS DOCUMENT YOU WILL ASSUME ALL RESPONSIBILITY FOR SETTING UP THE TEMPORARY TRAFFIC CONTROL WORK ZONE BY MEETING OR EXCEEDING SET STANDARDS AND FOLLOWING THE M.U.T.C.D. MANUAL REQUIREMENTS, ALONG WITH THE STATE, FEDERAL, AND CITY OF GREELEY SPECIFICATIONS AND REGULATIONS.

I have been offered a copy of this form and I have been advised to read it carefully.

Full Road Closures with complete Detour Routes will require a five (5) working day advance notice to have Method of Handling Traffic Plans reviewed. A 72 hour notice is strongly recommended prior to construction. This form and the (MHT) Plan SHALL be on the job site at all times.

In consideration of the acceptance of my entry, I do hereby acknowledge that I assume all risks and liability resulting from the Temporary Traffic Control Setup. That I have acquired all permits, licenses, and fees required by the City of Greeley, and submitted a Method of Handling Traffic Control (MHT) along with this form.

I acknowledge that I have carefully read this "Temporary Traffic Control Review Form" and fully understand that I am (trained and/or certified) about the fundamental principles of TTC and responsible for the proper temporary traffic control setup and maintenance thru-out the duration ON the jobsite

Print Name:	Signature:		Date	e:			
Description of Work:			Job No.				
Project Location and/or Street Address:							
Does job require: (Please Circle Appropriate One(	(s)) ROAD CLOSURE	LANE CLOSURE	SHOULDER CLOSURE	SIDEWALK CLOSURE			
OTHER:							
Public Contact Information NAME:	PHONE:		EMAIL				
Work Schedule: Start Date: Finis	h Date: Request	ed Time(s) From:	To:				
CONTRACTOR / SUBCONTRACTOR / CITY D	EPT PERFORMING WORK	<u>TRAFFI</u>	C CONTROL COMPANY USED	!			
Company Name:		Company Name:					
Address:		Address:					
City: State:	Zip:	City:	State:	Zip:			
Office Phone:		Office Phone:					
Mobile Phone:		Mobile Phone:	Mobile Phone:				
Fax:		Fax:					
Work Site Contact:		Work Site Contact:					
Temporary Traffic Control Supervisor (TCS) Res	ponsible for Job Site:		ntrol Supervisor (TCS) Responsibl	le for Job Site: N/A			
TCS Contact Name:		TCS Contact Name:					
	PLEASE CHECK	APPROPRIATE BOX(S)					
PRIVATE JOB CIP	CITY MAINTENANCE	OTHER TRAI	FFIC CONTROL COMPANY DOING	G TRAFFIC CONTROL SETUP			
CONTRACTOR / CITY DEPT SE	TTING UP OWN TRAFFIC CONT	ROL EQ	QUIP RENTAL ONLY FROM TRA	FFIC CONTROL COMPANY			
	OF	FICE USE					
COMMENTS:							
MHT Accepted MHT Resubmittal f	for Extension Date(s)	rom:	То:				
MHT Denied REVIEWED BY:		n	Date:				



#### DEPARTMENT OF PUBLIC WORKS STORMWATER MANAGEMENT DIVISION REQUIREMENTS: MANDATORY AS INDICATED BELOW

Activities such as asphalt application, slurry saw cutting, and directional boring can contribute high concentrations of toxic hydrocarbons, other toxic organic compounds, oils and greases, solids, and heavy metals to stormwater runoff. Concrete pouring can contribute suspended solids and heavy metals to stormwater runoff and cause pH increases in receiving waters.

The following Best Management Practices, (BMPs), or equivalent measures, methods, or practices are required if you are engaged in saw cutting, concrete pouring or asphalt application in right-of-ways within the City Of Greeley.

#### Slurry from Sawcutting:

Storm drains can carry saw cutting slurry and other pollutants from the streets and gutters directly to local waterways. This slurry can be toxic to fish and wildlife. The slurry can clog storm drains and catch basins which increase maintenance costs and could cause flooding.

If saw cut slurry from your job runs down the gutter uncontained, you have violated City Code. This also is a violation of state and federal regulations. Offenders may be subject to fines and clean up costs.

#### Concrete Pouring and Asphalt Applications EFFECTIVE IMMEDIATELY

# 1. Use drip pans, ground cloths, and perhaps heavy plywood whenever concrete, asphalt, and asphalt emulsion chunks and drips are likely to fall unintentionally, such as beneath exit points from mixing equipment.

- 2. Place storm drain barriers or similarly effective containment devices over all nearby drains at the beginning of the work day. All accumulations of runoff, aggregate chunks, and other solids must be collected with a shovel or other mechanism for proper disposal at the end of the work day (or more frequently) prior to removing the containment device(s). Drain barriers and other containment devices are commercially available.
- 3. Contain and collect the slurry from exposed aggregate washing, where the top layer of unhardened concrete is hosed or scraped off to leave a rough finish. Use a storm drain barrier or other containment device, as mentioned above. All collected runoff must be properly disposed.
- 4. Concrete and concrete pumping vehicles shall not, under any circumstances, discharge any concrete, slurry, or rinse water into street gutters, storm drains or drainage ditches. and detention ponds, GREELEY CODE 14.16.170

Designate a wash-out area on-site where cleaning of application and mixing equipment can take place and where the rinse water is controlled. It is also acceptable to dispose of rinse water and slurry in a hole in the ground big enough to contain the slurry and rinse material. Commercial products and services are also available for concrete, slurry, and rinse water disposal

Routine Maintenance: Sweep the pouring area at the end of each day to collect loose aggregate chunks and dust. DO NOT hose down the area to a storm drain.

#### Saw Cut Slurry And Directional Boring Mud

#### 1. Block Gutters: EFFECTIVE IMMEDIATELY

Dam up gutters to contain slurry and minimize the containment area.

Know the location of all nearby storm drain inlets, culverts, and catch basins through which slurry discharges may enter a waterway.

If you are within access of a storm drain inlet, block the path to the nearest drain. Either divert flows or berm inlets to pool water away from the drains.

#### 2. Minimize Slurry Movement: EFFECTIVE IMMEDIATELY

Slurry and sediment from saw cutting or boring operations should be confined to the immediate work area by using temporary berms, sand bags or diversion structures. Minimize the tracking of slurry off site by cars and pedestrians.

#### 3. Remove Slurry: MANDATORY JANUARY 1, 2005

Efficiently and effectively collect and remove all slurry and runoff from the saw cutting operation as soon as possible. Be sure to include removal of any slurry collected in or near storm drain inlets by pumping to a collection vessel or using a wet/dry vac. It may be necessary to use a street sweeper or wash down the area and collect the water.

No slurry or wash water is allowed to drain off site. Slurry and wash water may be disposed of on site, with owners permission, where it can filter into bare soil. Otherwise, dispose of all collected slurry and wash water properly. One way is to allow collected slurry to settle and decant the water onto the ground or, with approval, into the sanitary sewer. Contact Water Pollution Control Facility for approval at 350-9360. Must obtain approval prior to discharging to sanitary sewer. Dispose of the solids appropriately.

DO NOT HOSE DOWN WORK AREAS INTO THE GUTTER, STREET, OR STORM DRAIN. DO NOT WASH IT DOWN PAST THE PROJECT AREA WHERE IT BECOMES "SOME ONE ELSES PROBLEM".

Issued: 4/20/2004 Revised: 3/25/2008