

# CONSTRUCTION PLANS FOR FAIRPLAY RESERVOIR ACCESS ROAD REPAIRS

FAIRPLAY, COLORADO

SITE 2: BID NUMBER: #2018-02

**GENERAL NOTES:**

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS, OR AS APPROVED BY THE TOWN OF FAIRPLAY.
- ALL WORK MUST COMPLY WITH THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE) NATIONWIDE PERMIT NUMBER 16, AS ISSUED TO THE TOWN OF FAIRPLAY. THE TOWN MAINTAINS THE RIGHT TO TERMINATE ANY WORK THAT IS NOT IN COMPLIANCE WITH THE USACE PERMIT REQUIREMENTS.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF LOCAL, STATE, FEDERAL REGULATIONS AND THE CURRENT OCCUPATIONAL SAFETY AND HEALTH ACT.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES. THE CONTRACTOR SHALL HAVE ONE (1) COPY OF ALL PERMITS AND EXTENSION AGREEMENTS NEEDED AT THE JOB SITE AT ALL TIMES.
- CONTOUR LINES ARE IN FEET, AND ARE BASED ON N.A.V.D. 1988 VERTICAL DATUM.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT A PROJECT WORK PLAN TO THE TOWN OF FAIRPLAY, IN ACCORDANCE WITH THE SPECIFICATIONS, PRIOR TO COMMENCEMENT OF WORK.
- THE EXISTING UTILITIES, STRUCTURES, FACILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS AND ELEVATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER FACILITIES EXISTING WHICH ARE NOT PRESENTLY KNOWN. CONTRACTOR SHALL VERIFY ALL EXISTING FEATURES AND NOTIFY THE TOWN OF FAIRPLAY OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
- THE EXISTING TERRAIN WAS SURVEYED BY HIGH COUNTRY ENGINEERING INC. DURING NOVEMBER AND DECEMBER OF 2015.
- THE ACCESS ROAD LEADING TO THE BEACH RECREATION AREA, AND THE EXISTING GRAVEL PARKING LOT WILL BE CLOSED TO THE GENERAL PUBLIC DURING THE PROJECT.
- THE EXISTING ACCESS ROAD SHALL BE THE CONTRACTOR'S THE SOLE MEANS OF VEHICULAR AND EQUIPMENT ACCESS TO THE PROJECT SITE.
- THE EXISTING GRAVEL PARKING AREA SHALL BE THE CONTRACTOR'S SOLE LOCATION FOR STAGING, AND EQUIPMENT STORAGE DURING THE PROJECT.
- RECONSTRUCTED RIVER BANKS SHALL BE GRADED TO A UNIFORM SLOPE. THE FINAL GRADED SURFACES SHALL NOT DEVIATE FROM THE SPECIFIED SLOPE LINE BY MORE THAN 6 INCHES.
- ALL BLUNT OR SHARP OBJECTS (SUCH AS ROCKS OR TREE ROOTS) PROTRUDING FROM THE GRADED SURFACE SHALL BE REMOVED FROM THE RECONSTRUCTED RIVER BANKS.
- TEMPORARY EROSION CONTROL SHALL BE INSTALLED PER CDOT STANDARD PLAN M-208-1, USING SILT FENCE OR TYPE 1 (12") LOGS AS REQUIRED ALONG THE SHORE LINE OF THE EXISTING GRAVEL PARKING LOT AND ALONG THE LENGTH SETTLEMENT BASIN BERM. THE CONTRACTOR SHALL PERIODICALLY INSPECT AND MAINTAIN ALL TEMPORARY EROSION CONTROL FENCE, AND MAINTAIN LOG BOOKS PER THE COLORADO DEPARTMENT OF HEALTH AND ENVIRONMENT REQUIREMENTS, THROUGHOUT THE DURATION OF THE PROJECT.
- VEHICLE CONTROL PADS SHALL BE INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL PERIODICALLY INSPECT AND MAINTAIN THE VEHICLE TRACKING PAD THROUGHOUT THE DURATION OF THE PROJECT. VEHICLE CONTROL PADS SHALL BE INSTALLED PER CDOT STANDARD PLAN M-208-1 AT ALL INTERSECTIONS OF CONSTRUCTION ACCESS / EGRESS AND PAVED STATE HIGHWAYS, COUNTY ROADS, TOWN ROADS AND PRIVATE ROADS.
- AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL RESTORE THE PARKING AREA TO THE ORIGINAL PRE-PROJECT CONDITIONS.



VICINITY MAP

SCALE: 1" = 500'

**SHEET INDEX**

SHEET NUMBER	TITLE
AR 1 T1-01	TITLE SHEET
AR 2 PP-01	ROADWAY PLAN AND PROFILE
AR 3 XS-01	ROADWAY CROSS SECTIONS
AR 4 DT-01	STANDARD DETAILS

**REVEGETATION NOTES:**

- NATIVE TOP SOIL CONDUCTIVE TO REVEGETATIVE GROWTH AND MULCH SHALL BE PLACED ALONG ALL RECONSTRUCTED LEVEE BERMS. THE TOP SOIL SHALL BE SOWN WITH THE GRASS SEED MIX SPECIFIED BELOW.
- ALL SEED MUST BE CERTIFIED WEED FREE. NO SEED CAN CONTAIN ANY SPECIES ON THE PARK COUNTY OR STATE NOXIOUS WEED LISTS.
- PURITY TAGS MUST BE SUBMITTED TO THE TOWN OF FAIRPLAY 30 DAYS PRIOR TO INSTALLATION.
- A VIABLE SEEDBED MUST BE PREPARED BY HAND RAKING THE TOP SOIL.
- HYDRO-MULCHING WITH SEEDS SHALL BE APPLIED TO THE RECONSTRUCTED LEVEE BERMS.
- IMMEDIATELY PRIOR TO HYDRO-MULCHING, HAND RAKING IS REQUIRED TO INCORPORATE THE SEED AND MULCH INTO THE SOIL.
- THE SITE MUST BE MULCHED WITH WEED-FREE MULCH AFTER PLANTING. MULCH SHOULD BE APPLIED AT THE RATE OF 2 TONS PER ACRE.
- A PLANTAGO-BASED TACKIFIER OR SIMILAR, APPROVED PRODUCT MUST BE APPLIED ON ALL MULCH AT THE RATE OF 150 LBS. PER ACRE TO PREVENT WIND FROM BLOWING STRAW OFF THE REVEGETATED AREAS.
- SUBSTITUTIONS TO THE RECOMMENDED NATIVE SEED MIX MUST BE APPROVED BY THE TOWN PRIOR TO INSTALLATION.

**SITE DEWATERING:**

- THE CONTRACTOR SHALL SCHEDULE THE WORK DURING THE LOW WATER SEASON ( TYPICALLY NOVEMBER THROUGH MARCH) TO MINIMIZE WATERING OF THE WORK ZONE.
- THE CONTRACTOR SHALL DEWATER THE WORK ZONE UTILIZING COFFER DAMS AND PUMPS AS NECESSARY TO ENSURE THAT TRENCHING, PIPE PLACEMENT AND BEDDING, BACK FILL AND COMPACTION ARE ACCOMPLISHED UNDER DRY CONDITIONS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF COFFER DAM TYPE AND LAYOUT PRIOR TO CONSTRUCTION.

**NON-IRRIGATED NATIVE SEED MIX:**

COMMON NAME	SCIENTIFIC NAME	PERCENT OF MIX
WESTERN WHEATGRASS	PASCOPYRUM SMITHII	25
SLENDER WHEATGRASS	ELYMUS TRACHYCAULUS	25
BLUEJUNCH WHEATGRASS	PSEUDOBERNERIA SPICATA	10
GREEN NEEDLEGRASS	NASSELLA VIRIDULA	15
BLUE GRAMA	BOUTELOUA GRACILIS	15
INDIAN RICEGRASS	ACHNATHERUM HYMENOIDES	10

**ROAD RECONSTRUCTION NOTES:**

- THE EXISTING ACCESS ROAD SHALL BE RE-GRADED AS SHOWN ON THE ATTACHED PLANS.
- THE CONTRACTOR SHALL PLACE CDOT CLASS 1 STRUCTURAL FILL IN LIFTS NOT TO EXCEED 3 INCHES.
- THE PLACED CDOT CLASS 1 STRUCTURAL FILL SHALL BE MOISTURE TREATED AND COMPACTED WITH A COMPACTOR WITH A DRUM OF 40.0 INCHES OR MORE, AND CAPABLE OF 15,000 POUNDS CENTRIFUGAL FORCE MINIMUM, TO THE SATISFACTION OF THE TOWN OF FAIRPLAY.



UNCC  
CALL BEFORE  
YOU DIG

1-800-922-1987

Utility Notification  
Center of Colorado  
Administrative Office 303-232-1991  
12600 W. Colfax Ave., Suite B-310  
Lakewood, Co 80215

CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE, OR EXCAVATE  
FOR THE MARKING OF UNDERGROUND  
MEMBER UTILITIES.



**OWNER:**

TOWN OF FAIRPLAY, CO  
PO BOX 267  
901 MAIN ST.  
PH: (719) 836-2622  
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**ENGINEER:**

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FAX: (970) 945-2555

**ENGINEER'S CERTIFICATION**

PREPARED UNDER MY SUPERVISION

THOMAS J. SCOTT, P.E.  
COLORADO NO. 39393  
FOR AND ON BEHALF OF HIGH COUNTRY ENGINEERING, INC.

