

**ADDENDUM No. 2
TO APPROVED PLANS AND SPECIFICATIONS
February 12, 2010**



Re: Letting of February 19, 2010

ADDENDUM

<u>No.</u>	<u>CN/PROJECT No.</u>	<u>COUNTY</u>	<u>ISSUE DATE</u>
1.	ES21310/ES21310 ESA3330/ESA3330 G2S7499/ST-040-3(244)140 G18A3/AC-GRIP-(IM-NH)-010-2(112)157	Curry Bernalillo Bernalillo Dona Ana	2/11/10
2.	ESA3330/ESA3330 6100140/6100140	Bernalillo McKinley	2/12/10

ESA3330/ESA3330 - Attachment

YOU ARE HEREBY ADVISED OF THE FOLLOWING:

A Revegetation/Erosion Control Plan has been incorporated into this project. The **attached** Revegetation/Erosion Control Plan dated 2/11/10 is for your information and inclusion into your contract assembly.

6100140/6100140 - Attachment

YOU ARE HEREBY ADVISED OF THE FOLLOWING:

A Revegetation/Erosion Control Plan has been incorporated into this project. The **attached** Revegetation/Erosion Control Plan dated 2/11/10 is for your information and inclusion into your contract assembly

**Gary L.J. Giron, Cabinet Secretary
New Mexico Department of Transportation**

GG:JM

REVEGETATION/EROSION CONTROL PLAN
CLASS –A Seeding Recommendation and Specifications
Tramway Multi-use Trail
CN- ESA3330 NM 556 MP 5.383-MP 8.533

A. ERODIBLE SURFACE AREA

ALL REQUIREMENTS OUTLINED IN THE FEDERAL ENVIRONMENTAL PROTECTION AGENCY (EPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND THE NEW MEXICO CLEAN WATER ACT SHALL BE STRICTLY ADHERED TO DURING THE COURSE OF CONSTRUCTING THIS PROJECT. EXPOSED AREAS OF DISTURBANCE SHALL BE KEPT TO A MINIMUM TO PERFORM PROJECT CONSTRUCTION AND SHALL BE PROTECTED BY THE APPLICATION OF TEMPORARY SOIL STABILANT AS STATED BELOW AND ANY OTHER SEDIMENT CONTROL DEVICES REQUIRED UNTIL PERMANENT MEASURES ARE APPLIED.

B. TEMPORARY SOIL STABILANT

A TEMPORARY SOIL STABILANT SHALL BE APPLIED TO ALL EXPOSED SOIL AREAS WHICH ARE NOT BEING ACTIVELY WORKED. A HYDROSEEDER SHALL BE KEPT READILY AVAILABLE ON THE PROJECT SITE TO PERFORM THIS WORK. THE SOIL STABILIZING SUBSTANCE SHALL BE DERIVED FROM TALL OIL AS MANUFACTURED BY ‘NATURE’S SEAL’ OR APPROVED EQUAL. A COLOR ADDITIVE TO ASSIST THE APPLICATOR IN UNIFORM APPLICATION OF THE PRODUCT AND WHICH WILL DISAPPEAR FROM THE SURFACE WITHIN 36 HOURS WILL BE USED. ALL MANUFACTURER'S INSTRUCTIONS REGARDING THE PRODUCT INCLUDING APPLICATION RATES SHALL BE FOLLOWED. EXPOSED SOIL AREAS SHALL BE TREATED WITH TEMPORARY SOIL STABILANT AS OFTEN AS NEEDED TO CONTROL EROSION, A SIX MONTH-STRENGTH APPLICATION WILL BE USED IF THE LAPSE BETWEEN THE SITE BEING READY FOR REVEGETATION AND SEEDING IS SIX MONTHS OR LESS, A TWELVE MONTH APPPLICATION RATE TO BE USED IF THE LAPSE BETWEEN THE SITE BEING READY FOR REVEGETATION AND SEEDING IS BETWEEN SIX AND TWELVE MONTHS.



C. PERMANENT MEASURES

PRIOR TO COMMENCING THE SEEDING OPERATION, THE PROJECT MANAGER, LANDSCAPE ARCHITECT AND SEEDING CONTRACTOR'S REPRESENTATIVE SHALL REVIEW AREAS TO BE TREATED TO DETERMINE THE APPROPRIATE CLASS OF SEEDING AND TO INSURE THAT SLOPES HAVE BEEN CONSTRUCTED PROPERLY. SEEDING EQUIPMENT SHALL ALSO BE INSPECTED DURING THIS PERIOD TO INSURE PROPER OPERATION. ANY WORK DONE PRIOR TO THIS INSPECTION SHALL BE REJECTED. ALL DISTURBED AREAS TO BE SEEDED SHALL BE AS DIRECTED BY THE PROJECT MANAGER AND/OR THE LANDSCAPE ARCHITECT. AREAS 4:1 OR FLATTER SHALL BE TREATED WITH CLASS "A" SEEDING.

CLASS A SEEDING

IN ADDITION TO THE STANDARD SEED BED PREPARATION REQUIRED AS PER NMDOT 2007 EDITION SPECIFICATIONS SEC. 632.3.3, ADDITIONAL SEED BED PREPARATION IS TO BE PERFORMED BY HAND-RAKING OR CHAIN-HARROWING ½" OF COMPOST MULCH AS DEFINED IN SEC. 632.2.5 INTO THE SEEDBED BEING PREPARED FOR DRILLSEEDING.

HAY MULCH FOR CLASS "A" SHALL BE BARLEY STRAW AT THE RATE OF 1.5 TONS PER ACRE. MULCH SHALL BE APPLIED AS SOON AS POSSIBLE AFTER THE SEED IS APPLIED. ALL SEEDED AREAS SHALL BE MULCHED THE SAME DAY THEY ARE SEEDED. ANY SEEDED AREAS NOT MULCHED THE SAME DAY SHALL BE REJECTED AND RESEEDED AND NO EXTRA PAYMENT SHALL BE MADE THEREFOR.

MULCH ANCHORING TACKIFIER FOR CLASS "A" SEEDING IS TO BE OF GUAR-BASED 'SUPERTACK' AS MANUFACTURED BY RANTEC OR APPROVED EQUAL. TACKIFIER IS TO BE APPLIED AS AN OVERSPRAY AFTER SEED AND MULCH ARE IN PLACE. TACK SHALL BE APPLIED ACCORDING TO MANUFACTURERS RECOMMENDATIONS AND AT A SUFFICIENT RATE SO AS TO PREVENT MULCH FROM MOVING DUE TO WINDS OR TURBULENCE CREATED BY TRAFFIC ON THE ROADWAY. AREAS WHERE MULCH FAILS TO ADHERE SHALL BE REMULCHED AND TACKED AND NO EXTRA PAYMENT SHALL BE MADE THEREFOR.



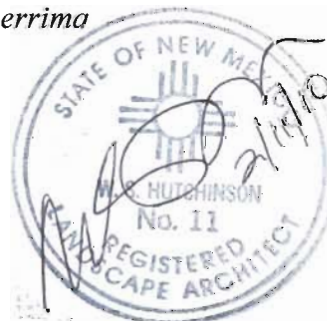
CONTRACTORS' CAMPSITES, STOCKPILE AREAS AND ANY OTHER NONDESIGNATED HAUL ROAD OR DISTURBED AREA SHALL BE TREATED WITH CLASS "A" SEEDING AND NO MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

PRIOR TO PERFORMING SEEDING OPERATIONS ALL WEED SPECIES WHICH MAY HAVE GROWN IN AREAS TO BE SEEDED AND WILL INTERFERE WITH THE SEED AND MULCH MAKING CONTACT WITH THE SOIL SHALL BE REMOVED.

**SEED MIX FOR CLASS A
(CERTIFIED SEED OF NAMED VARIETIES ARE REQUIRED IF AVAILABLE)**

<u>COMON NAME</u>	<u>BOTANICAL NAME</u>	<u>PLS/LBS/ACRE</u>
Blue Grama	<i>Bouteloua gracilis var Nogal</i>	2.00
Indian Ricegrass	<i>Oryzopsis hymenoides var. Paloma</i>	1.50
Purple Three-awn	<i>Aristida purpurea</i>	0.25
Galleta	<i>Hilara jamesii var. Viva</i>	2.00
Western Wheatgrass	<i>Agropyron smithii</i>	1.50
Buffalograss	<i>Buchloe dactyloides</i>	1.00
Sideoats Grama	<i>Bouteloua curtipendula var. Niner</i>	3.00
Four-Wing Saltbush	<i>Atriplex canescens</i>	1.00
Little bluestem	<i>Schizachyrium scoparium</i>	0.50
Alkali Sacaton	<i>Sporobolus airoides</i>	0.25
Sterile Triticale	<i>Triticum aestivum X Secale cereale 'Quickguard'</i>	1.00
Sand Dropseed	<i>Sporobolus cryptandrus</i>	0.25
Desert Marigold	<i>Baileya multiradiata</i>	.05
Rocky Mountain Penstemon	<i>Penstemon strictus</i>	.05
Ox-eye daisy	<i>Chrysanthemum leucanthemum</i>	.25
Lanceleaf coreopsis	<i>Coreopsis lanceolata</i>	.25
Firewheel	<i>Gaillardia pulchella</i>	.50
Blue flax	<i>Linum lewisii</i>	.50
Palmer Penstemon	<i>Penstemon palmeri</i>	.05
White yarrow	<i>Achillea millifolium</i>	.05
Hooker evening primrose	<i>Oenothera missouriensis</i>	.05
Purple prairieclover	<i>Petalostemum purpureum</i>	.25
Mexican hat	<i>Ratibida columnaris forma pulcherrima</i>	.05

TOTAL 16.05



ON-SITE SEED SAMPLING & TESTING MAY BE DONE AT THE DISCRETION OF THE NMDOT. ALL SEED CERTIFICATES FROM SEED SUPPLIER MUST BE PROVIDED TO PROJECT MANAGER BEFORE SEEDING COMMENCES

SEEDING DATES

- A. PERIOD A TO B = MAY 1 THROUGH MAY 31**
- B. PERIOD B TO E = JUNE 1 THROUGH AUGUST 31**
- C. PERIOD C TO D = NONE**
- D. PERIOD E TO A = SEPTEMBER 1 THROUGH APRIL 30**

WATER FOR PERIOD A TO B SHALL BE APPLIED ACCORDING TO SECTION 632.3.9 OF THE STANDARD SPECIFICATIONS AT THE FOLLOWING RATES AND SHALL BE CONTINUED UNTIL JUNE 14:

FIRST TWO WEEKS - FOUR APPLICATIONS OF ONE INCH EACH, TIMED THREE DAYS APART. SUBSEQUENT WEEKS - ONE INCH PER WEEK WATERING DURING THIS PERIOD SHALL BE CONSIDERED INCIDENTAL TO THE SEEDING ITEM AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR.

DURING THIS PERIOD, DISTURBED AREAS SHALL BE DISCED AND MULCH APPLIED AS IN CLASS "A" SEEDING AND NO SEED SHALL BE APPLIED. THIS WORK SHALL BE PAID AT 65% OF THE CLASS "A" SEEDING UNIT BID PRICE. THE FOLLOWING SEEDING SEASON CLASS "E" SEEDING (WEED REMOVAL, IF NEEDED, OVER SEEDING APPLICATION) SHALL BE PERFORMED AND THE REMAINING 35% OF THE CLASS "A" UNIT BID PRICE SHALL BE PAID. IF THE PROJECT IS CLOSED OUT, IT SHALL BE THE RESPONSIBILITY OF THE PROJECT MANAGER TO ADVISE THE CONSTRUCTION BUREAU OF THE NEED TO INITIATE A PROJECT TO PERFORM PERMANENT SEEDING THE NEXT SEEDING SEASON.

ANY PROPOSED CHANGES OR MODIFICATIONS TO THIS PLAN SHALL BE DISCUSSED WITH THE LANDSCAPE ARCHITECT PRIOR TO MAKING SUCH CHANGES OR MODIFICATIONS. Contact: NMDOT Landscape Architect William S. Hutchinson @ 505 795-1275



REVEGETATION/EROSION CONTROL PLAN
CLASS –A Seeding Recommendation and Specifications
CN- 6100140 NM 371 MP 24.5-26

A. ERODIBLE SURFACE AREA

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