

**MEADOW SEED COMPOSITION**

ERNST SEED - ERNMX-179 - BUTTERFLY & HUMMINGBIRD GARDEN MIX  
 DESIGNED SPECIFICALLY TO ATTRACT HUMMINGBIRDS, BUTTERFLIES AND OTHER NATIVE POLLINATORS.  
 HEIGHT: 0.7 - 6.5 FT  
 SEEDING RATE: 7-10 LB PER ACRE WITH 30 LBS/ACRE OF A COVER CROP. FOR A COVER CROP USE EITHER GRAIN OATS (1 JAN TO 31 JUL) OR GRAIN RYE (1 AUG TO 31 DEC).

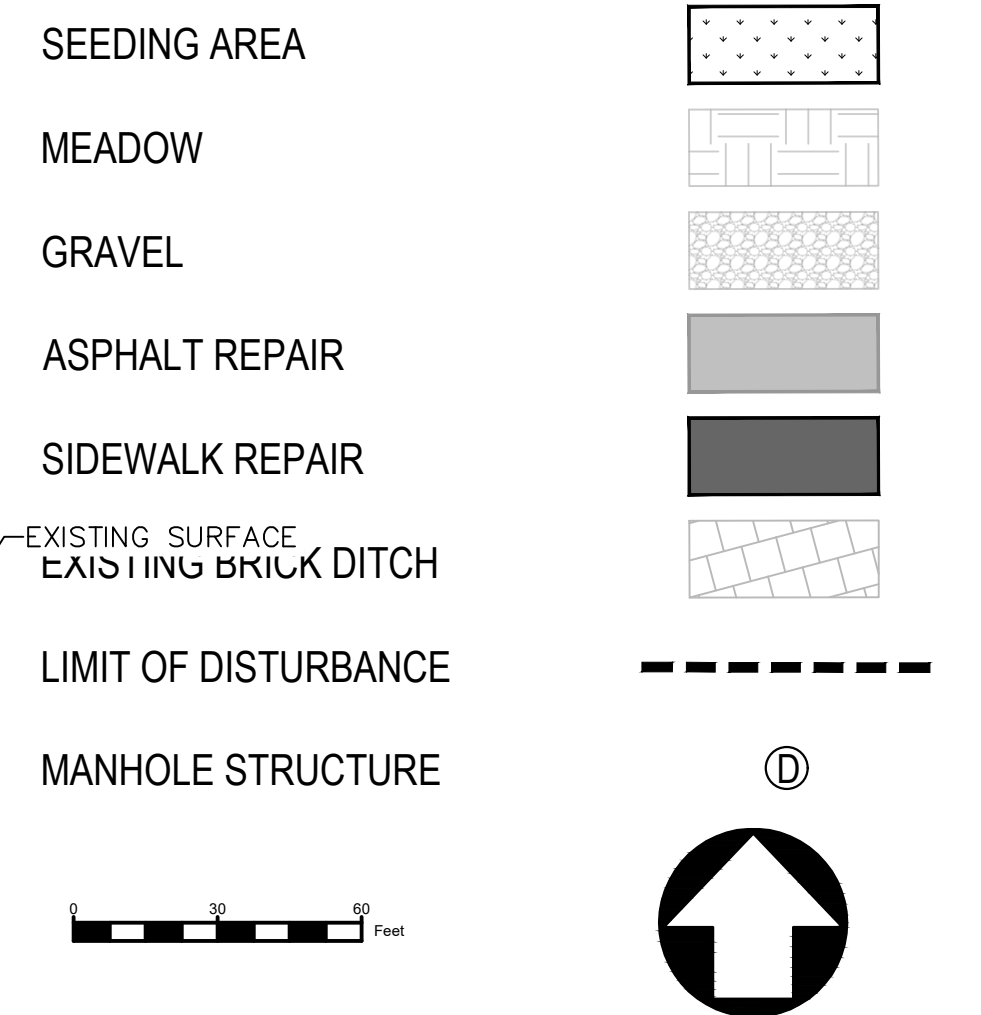
- %MIX LATIN NAME (COMMON NAME)**
- 28.2% Schizachyrium scoparium, Fort Indiantown Gap-PA Ecotype (Little Bluestem, Fort Indiantown Gap-PA Ecotype)
  - 10.0% Elymus virginicus, PA Ecotype (Virginia Wildrye, PA Ecotype)
  - 9.4% Echinacea purpurea (Purple Coneflower)
  - 6.0% Centaurea cyanus, Tall Mixed (Bachelor's Button Tall Mixed/Cornflower)
  - 6.0% Coreopsis lanceolata (Lanceleaf Coreopsis)
  - 6.0% Delphinium ajacis (Rocket Larkspur)
  - 6.0% Rudbeckia hirta (Blackeyed Susan)
  - 5.0% Dianthus barbatus (Sweetwilliam)
  - 5.0% Lupinus perennis (Perennial Blue Lupine, Common Commercial)
  - 4.0% Chrysanthemum maximum (Shasta Daisy)
  - 2.0% Liatris spicata, PA Ecotype (Marsh Blazing Star, PA Ecotype)
  - 1.4% Heliopsis helianthoides, PA Ecotype (Oxeye Sunflower, PA Ecotype)
  - 1.0% Asclepias incarnata, PA Ecotype (Swamp Milkweed, PA Ecotype)
  - 1.0% Asclepias tuberosa (Butterfly Milkweed)
  - 1.0% Coreopsis tinctoria (Plains Coreopsis)
  - 1.0% Eryngium yuccifolium, OH Ecotype (Rattlesnake Master, OH Ecotype)
  - 1.0% Eschscholzia californica (California Orange Poppy)
  - 1.0% Papaver rhoeas, Red (Corn Poppy, Red)
  - 1.0% Pycnanthemum tenuifolium (Narrowleaf Mountainmint)
  - 1.0% Ratibida pinnata (Grey Headed Coneflower)
  - 0.7% Tradescantia ohiensis, PA Ecotype (Ohio Spiderwort, PA Ecotype)
  - 0.5% Baptisia alba (White Wild Indigo)
  - 0.5% Baptisia australis, Southern WV Ecotype (Blue False Indigo, Southern WV Ecotype)
  - 0.5% Monarda fistulosa, Fort Indiantown Gap-PA Ecotype (Wild Bergamot, Fort Indiantown Gap-PA Ecotype)
  - 0.5% Penstemon digitalis (Tall White Beardtongue)
  - 0.5% Zizia aurea, PA Ecotype (Golden Alexanders, PA Ecotype)
  - 0.4% Solidago nemoralis, PA Ecotype (Gray Goldenrod, PA Ecotype)
  - 0.3% Aster oblongifolius, PA Ecotype (Aromatic Aster, PA Ecotype)
  - 0.3% Oenothera fruticosa var. fruticosa (Sundrops)
  - 0.2% Aster laevis (Smooth Blue Aster)
  - 0.2% Aster novae-angliae, PA Ecotype (New England Aster, PA Ecotype)
  - 0.2% Solidago odora, PA Ecotype (Licorice Scented Goldenrod, PA Ecotype)
  - 0.1% Aster pilosus, PA Ecotype (Heath Aster, PA Ecotype)
  - 0.1% Solidago bicolor, PA Ecotype (White Goldenrod, PA Ecotype)

**LOW-MOW SEED COMPOSITION**

ERNST SEED - ERNMX-186 - SOLAR FARM SEED MIX  
 PROVIDE A 2' CLEARANCE BETWEEN THE GROUND AND THE SOLAR PANELS.  
 HEIGHT: 1.0 - 3.0 FT  
 SEEDING RATE: 4 LB PER 1,000 SQ FT

- %MIX LATIN NAME (COMMON NAME)**
- 45.5% Festuca rubra (Creeping Red Fescue)
  - 15.0% Festuca ovina var. duriuscula, 'Jetty' (Hard Fescue, 'Jetty')
  - 15.0% Festuca ovina var. duriuscula, Gladiator (Hard Fescue, Gladiator)
  - 10.0% Festuca rubra ssp. commutata (Chewings Fescue)
  - 5.0% Poa pratensis, 'Kelly' (Kentucky Bluegrass, 'Kelly')
  - 5.0% Poa pratensis, 'Maverick' (Kentucky Bluegrass, 'Maverick')
  - 4.5% Trifolium repens, Dutch (White Clover, Dutch)

**RESTORATION LEGEND**



**GARDEN NOTES:**

1. ALL DISTURBED AREAS OUTSIDE OF MEADOW AND GARDEN AREAS TO BE PLANTED WITH LOW-MOW SEED MIX.
2. RAISED BED ARE TO BE NEW UNTREATED LUMBER AND FILLED WITH COMPOST/TOPSOIL MIX.
3. CAREFULLY RESTORE ALL DISTURBED AREA DESIGNATED FOR IN-GROUND GARDEN BEDS BY:
  - TILLING THOROUGHLY
  - ADDING 4 INCHES OF COMPOST/TOPSOIL MIX
  - HEAVILY MULCHING
4. INSTALL UNTREATED WOOD BORDER AROUND EACH IN-GROUND BED.
5. RESTORE GARDEN PATHS BETWEEN IN-GROUND GARDEN BEDS WITH A HEAVY WOOD CHIP MULCH.
6. REINSTALL GROUNDHOG FENCING AROUND ALL IN-GROUND GARDEN BEDS. GROUNDHOG FENCING IS TO BE 4 FEET TALL AND INSTALLED 1 FOOT BELOW GROUND.
7. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF LANDSCAPING FOR ONE YEAR.
8. CONTRACTOR IS RESPONSIBLE FOR ALL GRASS AND TREE ESTABLISHMENT.
9. MEADOW AREA TO BE TARPED AND REMAIN TARPED FOR TWO MONTHS AFTER TOPSOIL PLACEMENT. MEADOW AREA TO BE SEEDED IMMEDIATELY AFTER TARP REMOVAL. MEADOW TO BE MOWED TO NO LESS THAN 8 INCHES AFTER ESTABLISHMENT.

**TREE LIST:**

- RED BUD (CC)
- MAGNOLIA (MV)

**NOTES:**

1. DISTURBED AREAS OUTSIDE OF PARK LIMITS ARE TO BE RESTORED TO EXISTING CONDITIONS.
2. SHEET C-01 SHOWS TREES TO BE REMOVED. C-02 LISTS EACH TREE TO BE REMOVED. NEW TREES ARE 2" SAPLINGS.
3. TYPICAL TRENCH DETAIL ON SHEET C-12.
4. PAVEMENT RESTORATION DETAILS ON SHEET C-13.
5. SEEDING FOR DISTURBED AREAS OUTSIDE OF FENCE IS SEEDING SPECIFIED ON THE E&S DRAWINGS

**MLK STORMWATER MAINTENANCE SCHEDULE**

ACTIVITY	TIMING
INSPECT AND CLEAN DIVERSION STRUCTURES (DIV-W)	QUARTERLY - REMOVE TRASH AND SEDIMENT
INSPECT AND CLEAN MANHOLES, OUTLET CONTROL STRUCTURE, AND OVERFLOW STRUCTURE	SEMI-ANNUAL - CLEAN SEDIMENT FROM SUMPS IF OVER 3 INCHES
INSPECT R-TANK INSPECTION PORTS	SEMI-ANNUAL - CLEAN SEDIMENT FROM R-TANK IF OVER 3 INCHES

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REVISIONS	
Approved by:	

**PGH<sub>2</sub>O**  
 PITTSBURGH WATER & SEWER AUTHORITY

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Seal:  
 100% SUBMISSION

PWSA PROJECT No. 2019-GI-104  
**MARTIN LUTHER KING, JR. / WARREN K. BRANCH PARK - STORMWATER PROJECT RESTORATION PLAN**  
 Scale: 1" = 40'  
 AUGUST 2022  
 Supplemental Detail Drawing: R-01