

MEADOW SEED COMPOSITION

ERNST SEED - ERNMX-153-1 - SHOWY NORTHEAST NATIVE WILDFLOWER MIX
 HEIGHT: 0.7 - 5.0 FT
 SEEDING RATE: 5-10 LB PER ACRE WITH 30 LB PER ACRE OF A COVER CROP (GRAIN OATS, JAN 1-AUG 1; GRAIN RYE, AUG 1-JAN 1)

MIX COMPOSITION %MIX LATIN NAME (COMMON NAME)

- 20.0% ECHINACEA PURPUREA (PURPLE CONEFLOWER)
- 12.0% RUDBECKIA HIRTA (BLACKEYED SUSAN)
- 10.0% COREOPSIS LANCEOLATA (LANCERLEAF COREOPSIS)
- 7.0% ASCLEPIAS TUBEROSA, PA ECOTYPE (BUTTERFLY MILKWEED, PA ECOTYPE)
- 7.0% CHAMAECRISTA FASCICULATA, PA ECOTYPE (PARTRIDGE PEA, PA ECOTYPE)
- 6.0% HELIOPSIS HELIANTHOIDES, PA ECOTYPE (OXEYE SUNFLOWER, PA ECOTYPE)
- 5.0% LIATRIS SPICATA, PA ECOTYPE (MARSH BLAZING STAR, PA ECOTYPE)
- 5.0% TRADESCANTIA OHIENSIS, PA ECOTYPE (OHIO SPIDERWORT, PA ECOTYPE)
- 4.9% PENSTEMON DIGITALIS, PA ECOTYPE (TALL WHITE BEARDTONGUE, PA ECOTYPE)
- 4.0% ASTER OBLONGIFOLIUS, PA ECOTYPE (AROMATIC ASTER, PA ECOTYPE)
- 3.0% ZIZIA AUREA, PA ECOTYPE (GOLDEN ALEXANDERS, PA ECOTYPE)
- 2.5% ASTER PRENANTHOIDES, PA ECOTYPE (ZIGZAG ASTER, PA ECOTYPE)
- 2.4% PYCNANTHEMUM TENUIFOLIUM (NARROWLEAF MOUNTAINMINT)
- 2.0% ASTER LAEVIS, NY ECOTYPE (SMOOTH BLUE ASTER, NY ECOTYPE)
- 2.0% ASTER NOVAE-ANGLIAE, PA ECOTYPE (NEW ENGLAND ASTER, PA ECOTYPE)
- 2.0% BAPTISIA AUSTRALIS, SOUTHERN WV ECOTYPE (BLUE FALSE INDIGO, SOUTHERN WV ECOTYPE)
- 1.5% SENNA HERCARTPA, VA & WV ECOTYPE (WILD SENNA, VA & WV ECOTYPE)
- 1.0% MONARDA FISTULOSA, FORT INDIANTOWN GAP-PA ECOTYPE (WILD BERGAMOT, FORT INDIANTOWN GAP-PA ECOTYPE)
- 0.8% SOLIDAGO NEMORALIS, PA ECOTYPE (GRAY GOLDENROD, PA ECOTYPE)
- 0.5% ASTER PILOSUS, PA ECOTYPE (HEATH ASTER, PA ECOTYPE)
- 0.5% SENNA MARILANDICA (MARYLAND SENNA)
- 0.4% OENOTHERA FRUTICOSA VAR. FRUTICOSA (SUNDRUPS)
- 0.2% SOLIDAGO BICOLOR, PA ECOTYPE (WHITE GOLDENROD, PA ECOTYPE)
- 0.1% PENSTEMON HIRSUTUS (HAIRY BEARDTONGUE)
- 0.1% SOLIDAGO JUNCEA, PA ECOTYPE (EARLY GOLDENROD, PA ECOTYPE)
- 0.1% SOLIDAGO ODORA, PA ECOTYPE (LICORICE SCENTED 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. durisscula, 'Jelly' (Hard Fescue, 'Jelly')
- 15.0% Festuca ovina var. durisscula, 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

- SEEDING AREA
- MEADOW
- GRAVEL
- ASPHALT REPAIR
- SIDEWALK REPAIR
- EXISTING BRICK DITCH
- LIMIT OF DISTURBANCE
- MANHOLE STRUCTURE

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:

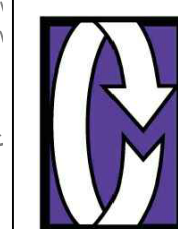
1. DISTURBED AREAS OUTSIDE OF PARK LIMITS ARE TO BE RESTORED TO EXISTING CONDITIONS.
2. SHEET C-01 SHOWS TREES TO BE REMOVED. C-02 LISTS EACH TREE TO BE REMOVED. NEW TREES ARE 2" SAPLINGS.
3. TYPICAL TRENCH DETAIL ON SHEET C-12.
4. PAVEMENT RESTORATION DETAILS ON SHEET C-13.
5. SEEDING FOR DISTURBED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

Michael Baker INTERNATIONAL
 100 Airside Drive
 Moon Township, PA 15108
 Phone: 412-269-6300
 Fax: 412-375-3977

REVISIONS	
Approved by:	



Collective Efforts, LLC
 Civil and Environmental Engineers
 462 Perry Highway
 Pittsburgh, PA 15229
 412.459.0114
 www.collectiveefforts.com

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