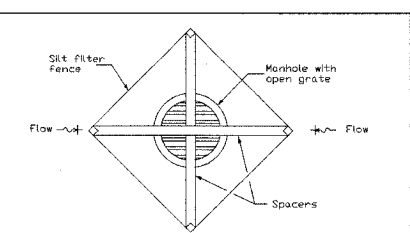


NOTE: DEPENDING UPON CONFIGURATION, ATTACH FABRIC TO WIRE MESH W/HOG RINGS, STEEL POSTS W/TIE WIRES, WOOD POSTS W/NAILS.

TYPICAL DETAIL FOR PERIMETER EROSION BARRIER CONSTRUCTION



REINFORCED INLET PROTECTORS
 36" POLYPROPYLENE, CONTINUOUS FILAMENT, NEEDLE PUNCHED NONWOVEN GEOTEXTILE WITH BIAXIAL GEOGRID REINFORCEMENT

POLYMER WEIGHT	POLYPROPYLENE
U.V. RESISTANCE	4.5 oz/sq yds
PERMITTIVITY	>85%
WATER FLOW RATE	3.0 SEC-1
TRAPEZOIDAL TEAR	225 GRM/SQ. FT.
ORAB TENSILE/ELONGATION	50 LBS.
STRUCTURE	125 LBS/50 NONWOVEN

- GENERAL NOTES - EROSION CONTROL MEASURES**
- PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ERECT ALL PERIMETER SILT FENCE IN ACCORDANCE WITH THE STANDARD DETAILS AND SHALL MAINTAIN THE SILT FENCE UNTIL COMPLETION OF ALL GRADING OPERATIONS.
 - UPON COMPLETION OF CONSTRUCTION OF EACH INLET, CATCH BASIN, MANHOLE, OR OUTLET CONTAINED IN THE STORM SEWER SYSTEM, EACH STRUCTURE SHALL BE PROTECTED WITH FILTER FABRIC AND, IF NOTED ON EROSION CONTROL PLAN, A STRAW BALE SEDIMENT TRAP. THESE MEASURES ARE TO REMAIN IN PLACE UNTIL FINAL STABILIZATION OF THE SITE OR UNTIL THE NEXT CONSTRUCTION OPERATION.
 - THE CONTRACTORS SHALL BE RESPONSIBLE ON A DAILY BASIS TO CLEAN THE MUD OR DEBRIS DEPOSITED ON ADJACENT STREETS AS A RESULT OF THEIR CONSTRUCTION OPERATIONS AND TO PROVIDE DUST CONTROL WHEN REQUESTED BY THE OWNER'S REPRESENTATIVE.

770 L.F. - PERIMETER EROSION BARRIER w/MAINTENANCE (SEE DETAIL)

CORNER 22+39, 50' RT.

ALL AREAS TO BE SEEDING CLASS 1 EXCEPT AS NOTED ABOVE

Mesic Prairie		Pounds/Acre
Colium multiflorum	Wild Rye	4.50
Bouteloua curtipendula	Side Oats Grass	1.75
Andropogon scoparius	Little Blue stem	3.000
Sporobolus heterolepis	prairie dropseed grass	300 plugs
Amaranthus canadensis	leaf plant	0.188
Aster laevis	smooth blue aster	0.125
Gopisig leucophaga	cream indigo	0.188
Coenothus americanus	New Jersey tea	0.125
Cornus palmata	prairie cornopsis	0.188
Dodecatheon meadia	shooting star	0.088
Eragrostis pectinacea	Rattlesnake Master	0.250
Gallium boreale	Northern bedstraw	0.125
Helianthus rigidus	prairie sunflower	0.125
Theophrasta	yellow star grass	0.125
Lespedeza capitata	round red clover	0.250
Phlox pilosa	prairie phlox	0.188
Rhodiola pinnata	yellow coneflower	0.188
Siphium laciniatum	compass plant	0.125
Zizia aurea	heart leaved	0.125
Liatris pycnostachya	prairie blazing star	0.025
Petalostemon purpureum	purple prairie clover	0.125
Avena sativa	Oats	40.00

Wet Meadow		Pounds/Acre
Carex buxbaumii	dark scaled sedge	0.25
Carex sarivallii	running marsh sedge	0.25
Carex lasiocarpa	lakeside sedge	0.25
Carex squarilis	long-bracted sedge	0.25
Bromus ciliatus	fringed brome	4.000
Eupatorium perfoliatum	common boneset	0.40
Boehmeria cylindrica	false nettle	0.15
Xyris glabra	winged bog sedge	0.25
Viola ripens	monkey flower	0.25
Mentha arvensis	wild mint	0.65
Galium poliflorum	marsh marigold	0.40
Helianthus divaricatus	upland sunflower	0.25
Stachys tenuifolia hispida	marsh hedge nettle	0.15
Lycopus americanus	common water horehound	0.15
Avena sativa	Oats	40.00

SEEDING REQUIREMENTS (SEE TABLE)

DETENTION SLOPES
 - MESIC PRAIRIE MIX
 - SLOPED AREAS SHALL HAVE EROSION CONTROL BLANKET

DETENTION BOTTOM
 - WET MEADOW MIX

LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	●	MANHOLE
□	■	CATCH BASIN
○	○	INLET
□	□	CLEANOUT
□	□	SLOPE INLET BOX
□	□	HEADWALL
□	□	END SECTION
□	□	STORM SEWER
□	□	SILT FENCE INLET PROTECTOR
□	□	PERIMETER EROSION BARRIER WITH MAINTENANCE
□	□	NUMBERING SYSTEM USED ON PLANS FOR DRAINAGE STRUCTURE IDENTIFICATION
□	□	SILT FENCE DITCH CHECK
□	□	CONSTRUCTION FENCE
□	□	TEMPORARY DITCH CHECKS
□	□	INLET & PIPE PROTECTION

NOTE: AREA BOUNDED BY PERIMETER EROSION BARRIER = 114,730 SQ. FT. ALL TREES TO BE REMOVED WITHIN THE AREA BOUNDED BY THE PERIMETER EROSION BARRIER, NORTH OF THE R.R. TRACKS, EXCEPT FOR MISC. TREES DESIGNATED BY THE ENGINEER THAT ARE TO BE SAVED. ESTIMATED AREA FOR THE REMOVAL = 2.65 ACRES

NO.		DATE		DESCRIPTION	

OVERALL SOIL EROSION, SEDIMENTATION CONTROL PLAN AND DETAILS

PEDESTRIAN/BICYCLE PATH BRIDGE OVER UNION PACIFIC RAILROAD

FILE NAME: SOILERO	DSGN. BY: JAC	JOB NO.: 551.007	FLD. BK./PG.: -----	SHEET NO. 5 of 52
DISC. NUMBER: 551007	DRN. BY: KMS	DATE: 04-26-04	SCALE: 1" = 50'	

PREPARED FOR:
WHEATON PARK DISTRICT
 666 S. MAIN STREET
 WHEATON, ILLINOIS 60187

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