

# GOODYEAR BUILDING EXPANSION

## CIVPRO ENGINEERING, LLC

### CITY OF MASSILLON

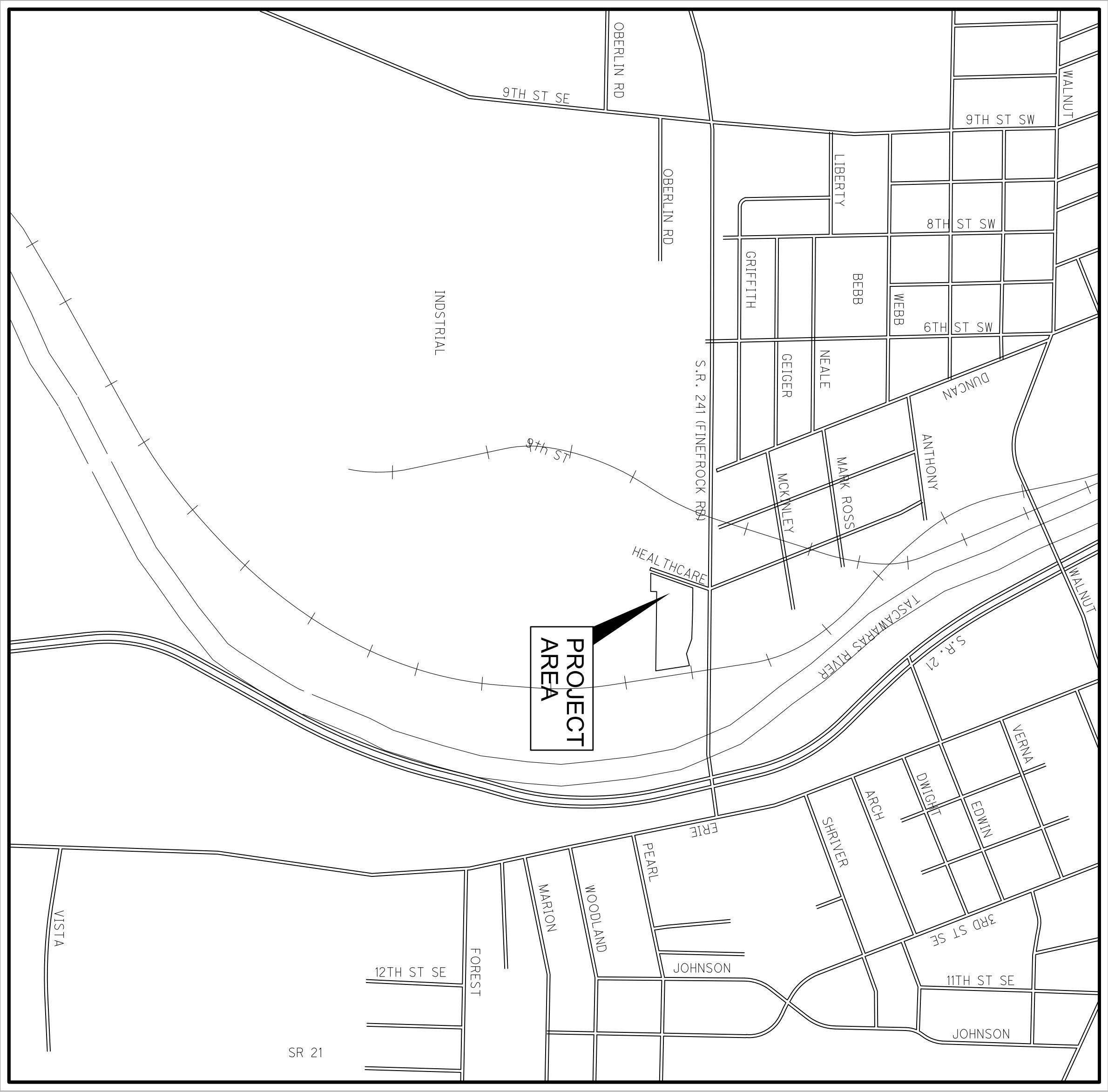
#### Stark County, Ohio

#### PROJECT DESCRIPTION

CONSTRUCTION OF AN ADDITION TO A EXISTING FACILITY INCLUDING LOADING DOCKS.

#### CONVENTIONAL SIGNS

RIGHT OF WAY . . . EXISTING: — Ex R/W — , PROPOSED: — PE-R/W —  
COUNTY LINE . . .  
TOWNSHIP LINE . . .  
CORPORATION LINE . . .  
FENCE LINE . . . EXISTING: — X — , PROPOSED: — X —  
GUARDRAIL . . . EXISTING: ⚡ ⚡ ⚡ ⚡ ⚡ , PROPOSED: ⚡ ⚡ ⚡ ⚡ ⚡  
MANHOLES . . . EXISTING: (S) , PROPOSED: (S) , REHABILITATED: (S)  
CATCH BASINS . . . EXISTING: ▣ , PROPOSED: ▣ , REHABILITATED: ▣  
SIGNS . . . 1-POST: ⊥ , 2-POST: ⊥ , 3-POST: ⊥ , STREET: #  
EXISTING POLES . . . POWER: ⊕ , TELEPHONE ⊕ , LIGHT ⊕ , SPAN ⊕  
PROPOSED POLES . . . POWER: ⊕ , TELEPHONE ⊕ , LIGHT ⊕ , SPAN ⊕  
EXST. UTILITIES . . . VALVE: ⊕ , HYDRANT: ⊕ , METERS: ⊕ , GUY: ⊕



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#### APPROVALS

APPROVED BY:

CITY ENGINEER - JASON POPIEL, P.E.

EROSION AND SEDIMENT CONTROL PLAN APPROVAL

APPROVED BY STARK SOIL AND WATER DISTRICT BY LETTER

#### LOCATION MAP

PORTION TO BE IMPROVED . . . . .



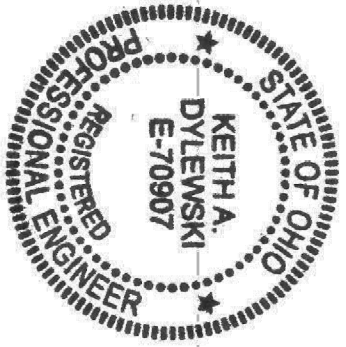
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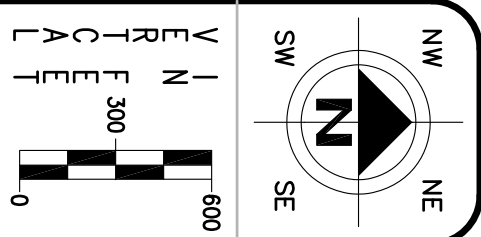
KEITH A. DYLEWSKI, P.E., P.S.  
CIVPRO ENGINEERING, LLC



6/15/20

DATE

REVISIONS:	
DATE	DESCRIPTION



DATE:	March, 2020
DRAWN BY:	BMH
DATE:	March, 2020

GOODYEAR BUILDING EXPANSION  
Title Sheet  
City of Massillon  
Stark County, Ohio



DRAWING NAME	SH-1 - Goodyear Title
PROJECT NUMBER	1 / 9


















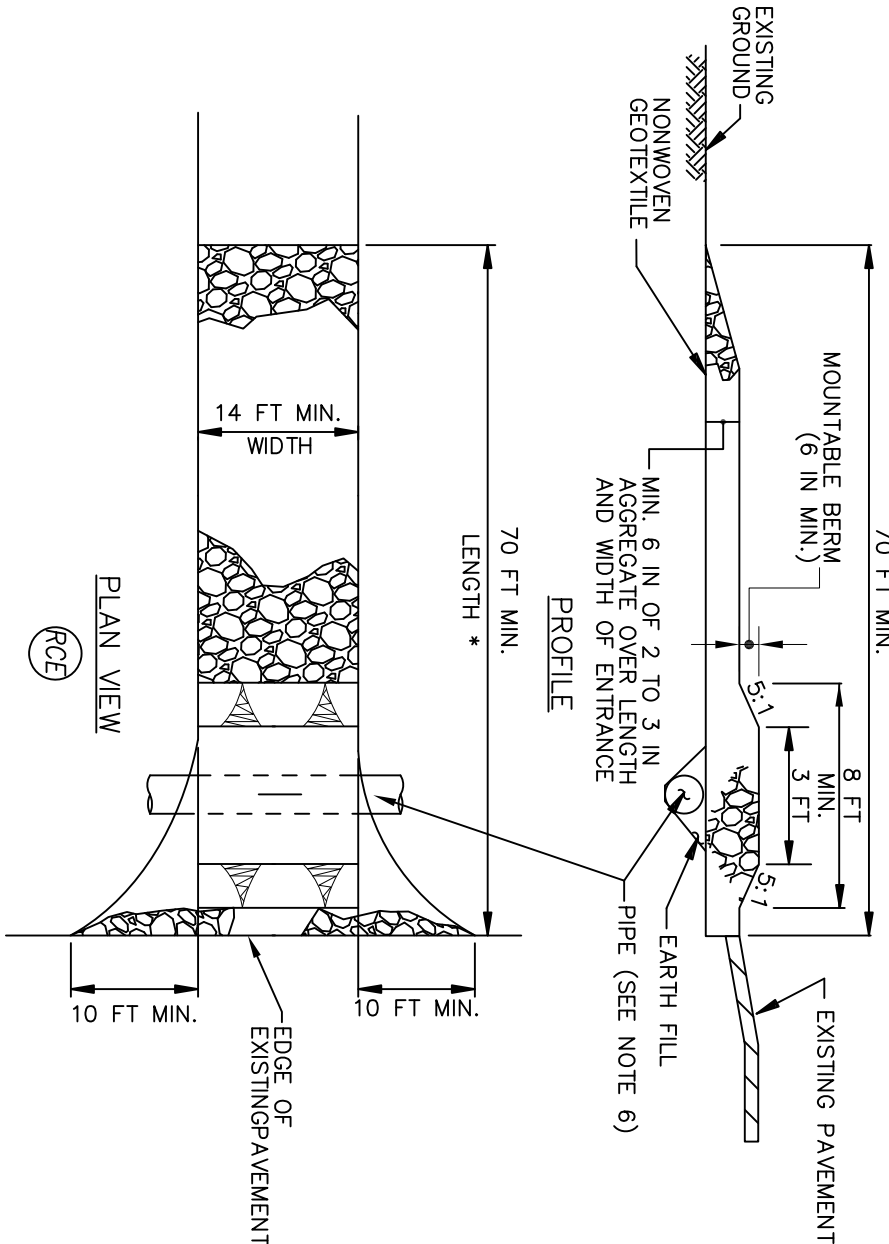






## STABILIZED CONSTRUCTION ENTRANCE

  
STANDARD SYMBOL  
S&P CONSULTING INC.



The diagram illustrates a stabilized construction entrance. The top portion is a side elevation view showing a cross-section of the entrance. It features a concrete curb labeled "MOUNTAIN BERM (6 IN MIN.)" which is 70 FT MIN. long. Below the curb is a "NONWOVEN GEOTEXTILE". A "PIPE (SEE NOTE 6)" is shown passing through the berm, with a minimum depth of 6 IN OF 2 TO 3 IN AGGREGATE OVER THE PIPE AND WIDTH OF ENTRANCE. The pipe has a diameter of 8 FT. The entrance itself is 3 FT wide and 8 FT deep. The bottom of the entrance is filled with aggregate material. The existing pavement is shown on either side of the entrance. The bottom portion is a plan view labeled "PLAN VIEW" and circled. It shows the entrance from above, with a width of 14 FT MIN. and a length of 70 FT MIN. The entrance is flanked by existing pavement, which is at least 10 FT MIN. wide on each side. The entrance is defined by two concrete curbs, each 10 FT MIN. wide. The area between the curbs is filled with aggregate material. The entrance is located at a high spot. The drawing includes various dimensions and labels for materials and components.

### CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 70 FEET (\*50 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SIDE 14 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERGED TOWARD THE SCE UNDER THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE AS SPECIFIED ON APPROVED PLAN WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
4. PLACE CRUSHED AGGREGATE (10 TO 2 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT AND/OR STONE OR MAKE SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPOILED, GROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL STRUCTURE.

**Diagram 1: Silt Fence Construction**

**ELEVATION**

Labels: 6 FT MAX. CENTER TO CENTER, 36 IN MIN. FENCE POST LENGTH DRIVEN MIN. 16 IN INTO GROUND, 16 IN MIN. HEIGHT OF WOVEN SILT FAB GEOTEXTILE, 36 IN MIN. FENCE POST LENGTH, WOVEN SILT FAB GEOTEXTILE, FLOW, UNDISTURBED GROUND, FENCE POST 1/2 IN MIN., ABOVE GROUND, 1/2 IN MIN. DEPTH INTO GROUND.

**CROSS SECTION**

Labels: EMBED GEOTEXTILE MIN. 16 IN. DEPTH INTO THE GROUND AND COMPACT THE SOIL ON BOTH SIDES OF GEOTEXTILE.

**STEP 1**

Labels: POSTS, STAPLE.

**STEP 2**

Labels: STAPLE, TWIST POSTS TOGETHER.

**STEP 3**

Labels: STAPLE, FINAL CONFIGURATION, STAPLE.

**JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)**

# STANDARD INLET PROTECTION

[ ] SIP

STANDARD SYMBOL

TYPE A MAXIMUM DRAINAGE AREA =  $\frac{1}{8}$  ACRE  
TYPE B MAXIMUM DRAINAGE AREA = 1 ACRE

The diagram shows two types of inlet protection structures. Type A is a smaller structure with dimensions: 2 in x 4 in framing, galvanized hardware cloth, top elevation notch at 18 in, main body at 12 in, and a woven slit film geotextile base. It is shown installed 18 in into the ground. Type B is a larger structure with dimensions: 36 in top elevation notch, 36 in main body, chain link fence posts, and a 9 gauge chain link fence (TYP). Both are shown with an isometric view indicating flow direction, post-driven into ground, excavate backfill, and compact earth (TYP) around the edges.

TYPE A

TYPE B

ISOMETRIC VIEW

SECTION FOR TYPE A AND B

10 FT TYP.

10 FT TYP.

PLAN

EXCAVATED WASHOUT STRUCTURE

SECTION B-B

WASHOUT STRUCTURE WITH WOOD PLANKS

[illegible]

7

9

PROJECT NUMBER:

DRAWING NAME:







CLEAN HARD FILL

BRICKS, HARDENING CONCRETE, AND SOIL WASTE SHALL BE FREE FROM CONTAMINATION WHICH MAY LEACH CONSTITUENTS TO WATER RESOURCES OR WETLANDS. CLEAN CONSTRUCTION WASTES THAT WILL BE DISPOSED OF INTO THE PROPERTY SHALL BE SUBJECT TO ANY LOCAL PROHIBITIONS FROM THIS TYPE OF DISPOSAL.

CONSTRUCTION AND DEMOLITION DEBRIS (C&DD)

ALL C&DD SHALL BE DISPOSED OF IN AN OHIO EPA APPROVED C&DD LANDFILL AS REQUIRED BY OHIO REVISED CODE (ORC) 3714. MATERIALS WHICH CONTAIN ASBESTOS MUST COMPLY WITH AIR POLLUTION REGULATIONS (SEE OHIO ADMINISTRATIVE CODE (OAC) 3745-20).

CONSTRUCTION CHEMICAL COMPOUNDS

AREAS SHALL BE DESIGNATED FOR THE MIXING OR STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME, ASPHALT, OR CONCRETE. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORM WATER DRAINAGE AREAS.

EQUIPMENT FUELING AND MAINTENANCE

ALL FUEL/LIQUID TANKS AND DRUMS SHALL BE STORED IN A MARKED STORAGE AREA. SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL FUEL OIL STORAGE TANKS. VEHICLE FUELING AND MAINTENANCE SHALL OCCUR IN DESIGNATED AREAS. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORM WATER DRAINAGE AREAS.

SPILL PREVENTION CONTROL AND COUNTERMEASURES

A SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN MUST BE DEVELOPED FOR SITES WITH ONE ABOVE GROUND STORAGE TANK OF 660 GALLONS OR MORE, TOTAL ABOVE GROUND TANK STORAGE OF 1330 GALLONS, OR BELOW GROUND STORAGE OF 42,000 GALLONS OF FUEL.

CONCRETE WASH WATERS

CONCRETE CHUTE OR OTHER CONCRETE WASH WATERS SHALL BE DISCHARGED INTO DESIGNATED AREAS ONLY. DESIGNATED AREAS SHALL BE IDENTIFIED WITH SIGNAGE AND LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORM WATER DRAINAGE AREAS.

CONTAMINATED SOILS

ALL CONTAMINATED SOILS MUST BE TREATED AND/OR DISPOSED IN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITIES OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES (TSDFs). RUNOFF FROM CONTAMINATED SOILS SHALL NOT BE DISCHARGED FROM THE SITE. PROPER PERMITS SHALL BE OBTAINED FOR DEVELOPMENT PROJECTS ON SOLID WASTE LANDFILL SITES OR REDEVELOPMENT SITES.

SPILL REPORTING REQUIREMENTS

IN THE EVENT OF A SMALL RELEASE (LESS THAN 25 GALLONS) OF PETROLEUM WASTE, THE LOCAL FIRE DEPARTMENT SHALL BE CONTACTED. IN THE EVENT OF A LARGER RELEASE (25 OR MORE GALLONS) OF PETROLEUM WASTE, CONTACT OHIO EPA AT 1-800-282-9378, AND THE LOCAL FIRE DEPARTMENT.

OPEN BURNING

OPEN BURNING IS NOT PERMITTED.

DUST CONTROLS AND SUPPRESSANTS

USED OIL SHALL NOT BE USED AS A DUST SUPPRESSANT. DUST CONTROLS MAY INCLUDE THE USE OF WATER TRUCKS TO WET DISTURBED AREAS, TARPING STOCKPILES, TEMPORARY STABILIZATION OF DISTURBED AREAS, AND REGULATION OF THE SPEED OF VEHICLES ON THE SITE.

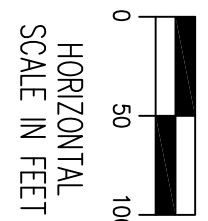
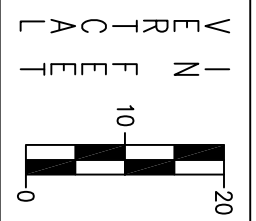
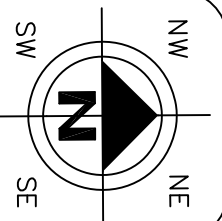
STREAM CROSSINGS

STREAM CROSSINGS SHALL BE CONSTRUCTED ENTIRELY OF STONE, ROCK, OR CLEAN RECYCLED CONCRETE. SOIL OR EARTHEN MATERIAL MAY NOT BE USED. A 20 FOOT STONE APRON ON EITHER SIDE OF THE STREAM SHALL BE CONSTRUCTED TO PREVENT LOCALIZED SEDIMENTATION. THE CHANNEL BED AND BANKS SHALL BE RESTORED, AND ALL DISTURBED AREAS OF THE BANK WITHIN 50 FEET OF THE STREAM SHALL BE STABILIZED WITH SEED AND STRAW MULCH WITHIN 2 DAYS OF THE DISTURBANCE.

SEEDING AND MULCHING

SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND MULCHING UPON COMPLETION OF EXCAVATION OR FILL AND FINISHED GRADING IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 659 OR AS DIRECTED BY THE ENGINEER. THE FOLLOWING MIXTURES SHALL BE USED FOR SEEDING:

GENERAL USE (ODOT 659.09, CLASS 1)				
SEED MIX	SEEDING RATE	FERTILIZER	MULCH	
KENTUCKY BLUEGRASS	3 LBS./1000 SQ. FT.	10-20-10@20 LBS./1000 SQ. FT.	STRAW - 2 TONS/ACRE	
CREEPING RED FESCUE	3 LBS./1000 SQ. FT.			
ANNUAL RYEGRASS	2 LBS./1000 SQ. FT.			
PERENNIAL RYEGRASS	2 LBS./1000 SQ. FT.			
ROADSIDE DITCHES AND SWALES (ODOT 659.09, CLASS 2)				
SEED MIX	SEEDING RATE	FERTILIZER	MULCH	
PERENNIAL RYEGRASS	1.5 LBS./1000 SQ. FT.	10-20-10@20 LBS./1000 SQ. FT.	STRAW - 2 TONS/ACRE	
KENTUCKY 31 FESCUE	2.0 LBS./1000 SQ. FT.			
KENTUCKY BLUEGRASS	1.5 LBS./1000 SQ. FT.			
STEEP BANKS, CUT SLOPES, DETENTION AREAS, WHERE SLOPES ARE STEEPER THAN 3:1 (ODOT 659.09, CLASS 3C)				
SEED MIX	SEEDING RATE	FERTILIZER	MULCH	
PERENNIAL RYEGRASS	1.8 LBS./1000 SQ. FT.			
ANNUAL RYEGRASS	0.3 LBS./1000 SQ. FT.			
TEMPORARY EROSION CONTROL (ODOT 659.09, CLASS 7)				
SEED MIX	SEEDING RATE	FERTILIZER	MULCH	
ANNUAL RYEGRASS	2.02 LBS./1000 SQ. FT.	10-20-10@20 LBS./1000 SQ. FT.	STRAW - 2 TONS/ACRE	



CHECKED BY: KAD

DATE: FEB. 2019  
DRAWN BY: BMH

DATE: FEB. 2019

REVISIONS:	
DATE	DESCRIPTION

GOODYEAR BUILDING ADDITION  
SWP3 Notes/Details  
City of Massillon  
Stark County, Ohio



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