

**SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE: 0028**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	UNIT	6
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	36
20200100	EARTH EXCAVATION	C.Y.	650
21101615	TOPSOIL FURNISH & PLACE, 4"	S.Y.	500
21101505	TOPSOIL EXCAVATION & PLACEMENT	C.Y.	224
25000100	SEEDING, CLASS 1	AC.	2.33
25100115	MULCH METHOD 2	AC.	2.33
28000400	PERIMETER EROSION BARRIER	FT.	3753
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	S.Y.	15627
40600100	BITUMINOUS MATERIALS, PRIME COAT	GAL.	810
40603310	HMA SURFACE COURSE, MIX "C", N50	TON	243
542D0217	PIPE CULVERT, CLASS D, TYPE I, 12"	FT.	25
54215547	METAL END SECTION, 12"	EA.	2
56109210	WATER VALVES TO BE ADJUSTED	EA.	2
67100100	MOBILIZATION	L.S.	1
72000100	SIGN PANEL, TYPE 1	S.F.	9.75
72900100	METAL POST, TYPE A	FT.	22.5
* 78001110	PAINT PAVEMENT MARKING, 4"	FT.	450
X7010216	TRAFFIC CONTROL AND PROTECTION SPECIAL	L.S.	1

* SPECIALTY ITEMS

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A FINAL GRADE THAT IS SUITABLE FOR SEEDING AND LANDSCAPING (MINIMUM OF 4" OF TOPSOIL).

THE LOCATIONS FOR EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON BEST INFORMATION AVAILABLE, BUT NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

PROTECT OVERHEAD UTILITY LINES AND UNDERGROUND LINES DURING ALL CONSTRUCTION.

SPECIFICATIONS FOR THIS PROJECT SHALL BE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION; SPECIAL PROVISIONS, "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

ANY CONSTRUCTION OR WORK INDICATED IN THE PLANS OR SPECIFIED IN THE PROPOSAL SHALL BE COMPLETED BY THE CONTRACTOR. ANY CONSTRUCTION OR WORK NOT INCLUDED IN A PAY ITEM SHALL BE INCIDENTAL TO THE PROJECT COST.

QUANTITIES SHOWN ARE FOR INFORMATION ONLY, CONTRACTOR MUST VERIFY. FINAL PAYMENT SHALL BE ON AN AS-MEASURED BASIS.

CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITY LOCATIONS IN FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANY FOR ANY ADJUSTMENTS.

CALL J.U.L.I.E. (1-800-892-0123) FOR UTILITY LOCATION INFORMATION PRIOR TO EXCAVATION.

ALL EXCAVATION FOR STRUCTURES SHALL BE KEPT DEWATERED DURING CONSTRUCTION OPERATIONS UNTIL BACKFILL IS IN PLACE.

TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR NEW PERMANENT SURFACE.

ALL EXCESS EARTH EXCAVATION TO BE DISPOSED OF BY CONTRACTOR OFF-SITE.

CONTRACTOR SHALL BE REQUIRED TO MAINTAIN COMPLIANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN AS PREPARED BY FEHR-GRAHAM.

LOCATION OF PROPERTY LINES IS APPROXIMATE.

RIGHT OF WAY LINES INDICATED ON THE PLANS ARE APPROXIMATE.

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL EXISTING PROPERTY MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS REFERENCED THEIR LOCATION. PROPERTY MARKERS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

ALL PROPERTY CORNER MONUMENTATION SHALL BE RESTORED TO THE CONDITION EXISTING BEFORE CONSTRUCTION BEGAN.

CONTRACTOR SHALL RESTORE ALL DISTURBED GRASS AREAS.

THE CONTRACTOR SHALL REMOVE EXISTING STREET SIGNS AND POSTS AND STOCKPILE THEM AT A SAFE LOCATION TO PREVENT DAMAGE AND THEFT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

CONTRACTOR SHALL PROTECT AND PREVENT DAMAGE TO EXISTING TREES WHICH ARE NOT INDICATED ON THE PLANS TO BE REMOVED.

PROPERTY LINE LOCATIONS ARE FROM RECORDED DOCUMENTS AND HAVE NOT BEEN FIELD VERIFIED.

CONSTRUCTION ACCESS TO BE FROM HENDERSON ROAD ON EXISTING GRAVEL DRIVE. CONTRACTOR TO COORDINATE ACCESS WITH CITY OF FREEPORT. ACCESS FROM STEPHENSON STREET FOR THIS PROJECT WILL BE STRICTLY PROHIBITED.

SUBGRADE PREPARATION

TOPSOIL OR OTHERWISE UNSUITABLE SOIL SHALL BE STRIPPED. STOCKPILE TOPSOIL IN AREA APPROVED BY OWNER AND REMOVE UNSUITABLE MATERIAL AND EXCESS SOIL FROM SITE.

THE UPPER 12 INCHES OF SUBGRADE BELOW PAVEMENTS, OR NEW FILLS SHALL BE BROUGHT TO WITHIN ±2% OF OPTIMUM MOISTURE AND COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY. OPTIMUM MOISTURE IS ESTIMATED TO BE IN THE RANGE OF 8% TO 9% DURING COOL OR WET SEASONS, THEREFORE IT MAY BE NECESSARY TO DISK AND AERATE THE EXISTING UPPER 12 INCHES OF SOIL TO ACHIEVE OPTIMUM MOISTURE CONTENT.

NO FILL OR BACKFILL SHALL CONSIST OF OR BE PLACED OVER FROZEN, MUDDY, OR OTHERWISE UNSTABLE MATERIAL.

ALL FILL OR BACKFILL PLACED BENEATH EXTERIOR PAVED AREAS SHALL BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY.

ALL FILL AND BACKFILL SHALL BE PLACED IN LIFTS NOT GREATER THAN 8 INCHES IN THICKNESS, LOOSE MEASUREMENT, PRIOR TO COMPACTION.

AREAS OF SOFT OR UNSTABLE SUB-BASE SHALL BE UNDERCUT A MINIMUM OF 12" AND AGGREGATE BASE (CA-2 AND IDOT BREAKER RUN) PLACED AND COMPACTED TO 90% OF MAXIMUM DENSITY.

ALL DENSITY MEASUREMENTS REFERENCED ABOVE SHALL BE IN ACCORDANCE WITH ASTM DESIGNATION D1557-78 MODIFIED PROCTOR METHOD.

ALL LABORERS AND EQUIPMENT OPERATORS ON SITE DURING THE WORK ASSOCIATED WITH THE EARTH EXCAVATION IN THE BID SHALL BE HAZWOPER CERTIFIED. DOCUMENTATION SUPPORTING THIS SHALL BE SUPPLIED TO THE ENGINEER AND OWNER PRIOR TO ANY WORK BEING PERFORMED BY CONTRACTOR IN REGARD TO THIS PAY ITEM.

ALL MATERIAL EXCAVATED AS PART OF THE EARTHWORK EXCAVATION SHALL BE WASTED ON SITE. ALL ACTIVITIES INVOLVED WITH THE EARTH EXCAVATION SHALL BE DONE IN ACCORDANCE WITH SECTION 669 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

NOTE: ALL WORK PERFORMED BY CONTRACTOR OR ANY SUBCONTRACTOR MUST BE PERFORMED IN ACCORDANCE WITH 29 CFR 1910.120 USING WORKERS TRAINED IN ACCORDANCE WITH THE PROVISIONS OF 29 CFR 1910.120. ALL PERSONNEL AND EQUIPMENT SHALL COMPLY WITH ALL SAFETY AND HEALTH REQUIREMENTS SET FORTH IN APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

A COMPLETED REMEDIAL ACTION COMPLETION REPORT HAS BEEN DONE FOR THIS SITE AND CAN BE VIEWED AT THE OFFICE OF THE ENGINEER AT 221 E. MAIN ST., SUITE 200, FREEPORT, IL 61032

EROSION AND SEDIMENTATION CONTROL NOTES

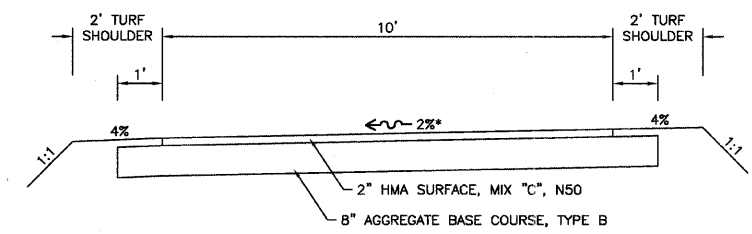
EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AS CONTAINED IN IEPA/WPC/ 87-012 OR CURRENT EDITION AND ACCORDING TO PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS, LATEST EDITION AND ACCORDING TO THE STANDARDS OF THE CITY OF FREEPORT.

A TEMPORARY SEDIMENT BARRIER OF STRAW BALES OR FILTER FABRIC SHALL BE PLACED AROUND EACH STORM SEWER INLET POTENTIALLY IMPACTED BY WORK. (SEE DETAILS)

FABRIC FILTER FENCES OR STRAW BALES SHALL BE PLACED AROUND ANY SOIL STOCK PILE WITH MORE THAN 10 CU. YD. OF MATERIAL. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL SWEEP OR CLEAN (NOT FLUSH) ANY CONSTRUCTION SOIL MATERIAL FROM THE STREET TO PREVENT TRACKING.

THE CONTRACTOR SHALL INSPECT EROSION CONTROL STRUCTURES DAILY AND IMMEDIATELY AFTER ANY MAJOR STORM.

THE ENGINEER SHALL DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. OWNER SHALL HAVE FULL AUTHORITY TO SUSPEND OR LIMIT THE CONTRACTORS OPERATIONS PENDING ADEQUATE PERFORMANCE OF EROSION CONTROL MEASURES.



SURFACE

PG 58-22
3.0 @ N50
IL 9.5 OR 9.5 FG
C
0.0
112 LBS/SY/IN

* SLOPE 2% LEFT OR RIGHT AS INDICATED ON THE CROSS-SECTION PAGES. ALL TRANSITIONS TO BE 50' IN LENGTH.

TYPICAL SECTION
SCALE: 1"=2'

FEHR-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI
ILLINOIS DESIGN FIRM NO. 184-003525
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OWNER/DEVELOPER:
FREEPORT PARK DISTRICT
1122 SOUTH BURCHARD STREET
FREEPORT, ILLINOIS

PROJECT AND LOCATION:
PECATONICA PRAIRIE PATH
FREEPORT, ILLINOIS

DRAWN BY: B.C.
APPROVED BY: P.E.
DATE: 04/15/11
SCALE:

REVISIONS		
REV. NO.	DESCRIPTION	DATE
1	REVISION TO EARTHWORK NOTES	06/03/11

DRAWING:
SUMMARY OF QUANTITIES, TYPICAL SECTION,
GENERAL NOTES

JOB NUMBER:
11-274

SHEET NUMBER:
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