

**GENERAL NOTES**

THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" JANUARY 1, 2012 EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, PROJECT SPECIFICATIONS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT (SWCD), THE VILLAGE OF NORTHFIELD, ALL APPLICABLE REQUIREMENTS OF THE ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO SHALL GOVERN THIS WORK.

ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. DUE TO THE CONSTRUCTION OPERATION SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, SHALL BE INCLUDED IN THE UNIT PRICE FOR EACH ITEM OF WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.

DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER AND THE VILLAGE.

CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.

EXISTING UTILITIES: WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, IT IS ONLY INCLUDED FOR THE CONVENIENCE TO THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES, J.U.L.I.E., DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

MICHAEL NYSTRAND OF THE VILLAGE OF NORTHFIELD (847) 441-3810 AND NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT SHOULD BE CONTACTED 48 HOURS PRIOR TO THE START OF ANY EXCAVATION.

THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES. WHEN REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BRACE AND SUPPORT UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM OF WORK.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH RESPECTIVE UTILITIES AND THE ENGINEER.

THE CONTRACTOR SHALL BE MADE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITY FACILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS APPROVED FOR IN THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

**SOIL EROSION NOTES**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ROADS OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS MAY BE REQUIRED DUE TO FIELD CONDITIONS.

ALL PROPOSED GREEN AREAS SHALL BE VEGETATED WITHIN 2 MONTHS OF BEING DISTURBED WITH CRITICAL DRAINAGE AREAS REQUIRING IMMEDIATE ATTENTION. ALL GREEN AREAS SHALL RECEIVE 6" OF TOPSOIL, SEED AND EROSION CONTROL BLANKET.

AFTER ACHIEVING PERMANENT VEGETATION, ALL TEMPORARY EROSION AND SEDIMENT CONTROLS SHALL BE REMOVED AND ALL DRAINAGE STRUCTURES CLEANED.

THE CONTRACTOR SHALL KEEP A WATER TRUCK AT HIS DISPOSAL FOR THE PURPOSE OF WATERING DOWN SOIL WHICH OTHERWISE MAY BECOME AIRBORNE.

THE CONTRACTOR IS EXPRESSLY ADVISED NOT TO DISTURB AREAS WHICH ARE OUTSIDE THOSE NECESSARY TO PROVIDE THE IMPROVEMENTS AS CALLED FOR IN THE PLANS. IN PARTICULAR, SPECIFIC TREES WILL BE TARGETED FOR PRESERVATION AND ROOT ZONE PROTECTION.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT. SILT FENCE, ROCK FILTERS, SLOTTED RISERS, AND OTHER EROSION CONTROL METHODS SHALL BE REPLACED WHEN DAMAGED OR FILLED THROUGH-OUT THE LIFE OF THE PROJECT.

PUMPS MAY BE USED AS BYPASS DEVICES BUT IN NO CASE WILL THE WATER BE DIVERTED OUTSIDE THE PROJECT LIMIT.

**UTILITY/EPA NOTES**

UNDERGROUND WORK SHALL INCLUDE TRENCHING, DEWATERING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITTINGS AND ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL PROVIDE "AS BUILT" DRAWINGS OF ALL SEWER AND WATERMAIN INSTALLATIONS.

ALL EXISTING STRUCTURES SHALL BE ADJUSTED AS NECESSARY TO MATCH PROPOSED GRADES & LANDSCAPING.

RECONNECT ALL EXISTING TILE LINES FOUND IN THE EXCAVATION TO THE NEW STORM LINES USING WYE OR TEE IN ACCORDANCE WITH UTILITY NOTES. NOTE THE LOCATION ON THE "AS-CONSTRUCTED" DRAWINGS. THIS SHOULD BE INCLUDED IN THE COST OF THE CONTRACT.

**PAVING AND GRADING NOTES**

ALL PAVEMENT DIMENSIONS ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE INDICATED.

ALL DISTURBED NON-PAVEMENT AREAS SHALL BE ROUGH GRADED. THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION PREVENTION AND REPAIR.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>PAVEMENT PATCHING</b>	
CLASS D PATCHES, TYPE III, 4" (HMA BINDER IL-19 MM)	4% @ 70 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR
<b>TEMPORARY PAVEMENT</b>	
TEMP RAMP (HMA BINDER IL-19 MM), THICKNESS VARIES	4% @ 30 GYR

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN

THE "AC TYPE" FOR NON-POLYMERIZED HMA SHALL BE "PG 64-22" UNLESS OTHERWISE MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

**COORDINATING/PERMITTING AGENCIES:**

Village of Northfield  
Public Works Department  
Capt. Richard Krudson 847-441-3810

Cook County Highway Department  
Mr. Bhanu Vyas 312-603-1670

**UTILITY AGENCIES:**

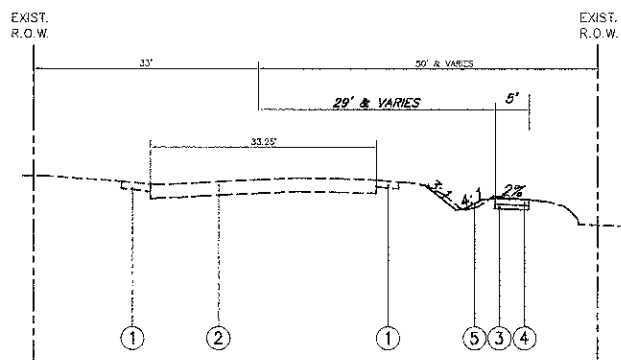
Comcast  
Commonwealth Edison Co.  
AT&T/Distribution  
Nior Gas Co.

Mr. Ted Wyman 630-600-6349  
Ms. Terri J. Bleck 847-816-5239  
Mr. Hector Garcia 630-573-5465  
Ms. Constance Lane 630-388-3830

Call all Appropriate Departments to obtain inspections. All inspection requests shall be made 48 hours prior to actual inspection.

Construction hours are from 7:00am to 7:00pm  
Monday thru Friday  
9:00am to 5:00pm on Saturday  
12:00pm to 5:00pm Sunday/Holiday.

**NOTE:**  
CONSTRUCTION MEANS, METHODS AND JOBSITE SAFETY ARE THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR.



**TYPICAL SECTION LEGEND**

- NO. DESCRIPTION
- ① EXISTING AGGREGATE SHOULDER
- ② EXISTING HOT-MIX ASPHALT PAVEMENT
- ③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ④ PROPOSED PCC SIDEWALK, 5"
- ⑤ RESTORATION

THE BOUNDARY SHOWN HEREON AND ITS LOCATION WITH RESPECT TO PLANIMETRICS AND TOPOGRAPHY SURVEYED BY GEWALT HAMILTON ASSOCIATES, INC. IS BASED SOLELY ON THE INFORMATION AS PROVIDED BY OTHERS AND MAY OR MAY NOT BE ACCURATE. GEWALT HAMILTON ASSOCIATES, INC. MAKES NO REPRESENTATION AS TO THE ACCURACY OF SUCH INFORMATION AND RECOMMENDS MONUMENTATION OF ALL PROPERTY CORNERS PRIOR TO FINAL DESIGN AND/OR CONSTRUCTION. ALL PROPOSED IMPROVEMENTS ARE TO BE LOCATED AND CONSTRUCTED WITH RESPECT TO THE MONUMENTED BOUNDARY.

Point Table				
Point #	Northing	Easting	Elevation	Description
5	1980784.55	1134305.71	626.76	CP-XSW-5
6	1981015.04	1134303.79	626.67	CP-XSW-6
7	1980970.06	1134296.69	626.08	WP-LN-7
322	1980630.54	1134304.92	628.13	CP-XSW-322

**BENCHMARK:**  
SOURCE BENCHMARK 1: BM# 322  
CROSS NOTCH ON THE WAGNER ROAD SIDEWALK SQUARE IMMEDIATELY WEST OF THE LIGHT POLE IMMEDIATELY SOUTH OF THE COMMUNITY CENTER DRIVEWAY.  
ELEVATION: 628.127  
DATUM: NAVD 88  
(VILLAGE OF NORTHFIELD BENCHMARKS)

Point Table				
Point #	Northing	Easting	Elevation	Description
1	1981789.85	1131607.75	651.25	WP-LN-1
2	1981552.40	1131697.96	649.95	WP-LN-2
321	1981379.95	1131657.94	652.07	CP-XSW-321
349	1981952.26	1131670.21	651.02	CP-XSW-349

**BENCHMARK:**  
SOURCE BENCHMARK 2: BM# 349  
CROSS NOTCH IN CONCRETE SIDEWALK SQUARE LOCATED BETWEEN THE NORTHERLY MOST TWO DRIVEWAYS TO THE SUNSET RIDGE SCHOOL.  
ELEVATION: 651.025  
DATUM: NAVD 88  
(VILLAGE OF NORTHFIELD BENCHMARKS)

PROPOSED TYPICAL SECTION  
STA 0+52 TO STA 5+05, SUNSET RIDGE ROAD

FILE NAME = 3509.213-DT1.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED - BVS	REVISED - 6/29/12	<b>SUNSET RIDGE ROAD &amp; WAGNER ROAD SECTION 10-00050-00-SW VILLAGE OF NORTHFIELD, ILLINOIS</b>	<b>GENERAL NOTES &amp; TYPICAL SECTIONS STATE STANDARDS &amp; BENCHMARKS</b>	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - BVS	REVISED - 7/16/12			2777	10-0050-00-SW	COOK	15	2	
	PLOT DATE = 4/30/2012	CHECKED - LJD	REVISED -			CONTRACT #:		63729			
		DATE - 4/30/12	REVISED -			SCALE NONE	SHEET NO. OF SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT