11-9-12 LETTING ITEM 047

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS**

PLANS FOR PROPOSED FEDERAL AID PROJECT

SAFE ROUTES TO SCHOOL **PROJECT NO. SRTS-4009(010) SECTION NO. 10-00040-00-SW** UNITED CITY OF YORKVILLE **KENDALL COUNTY JOB NO. C-40-069-09**

PROJECT LOCATED IN THE UNITED CITY OF YORKVILLE

Engineering Enterprises, Inc.

P: 630.466.6700 - W: www.eeiweb.com

CONSULTING ENGINEERS

Sugar Grave, Illinois 60554

52 Wheeler Road

R-7E PROJECT LOCATION

E 1/2 SECTION 32, W 1/2 SECTION 33

LOCATION MAP SCALE: 1" = 500'

GROSS & NET LENGTH OF PROJECT = 5,992 FEET (1.13 MILES)

BENCH MARKS

SOUTHWEST TAGGED FLANGE BOLT ON HYDRANT AT

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JULIE JOINT UTILITY LOCATION INFORMATION FOR **EXCAVATION** CALL 811

TING ENGINEER:

Know what's below. Call before you dig.

CONTRACT 87459

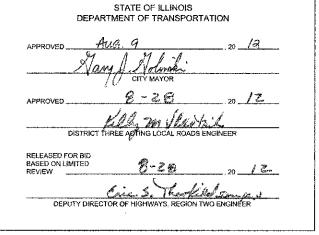
UNITED CITY OF YORKVILLE SURVEY CONTROL MONUMENT #9.
ELEV = 580.91

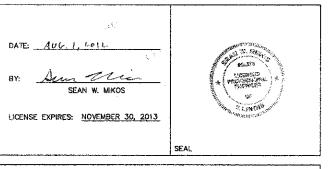
THE NORTHWEST CORNER OF MORGAN ST. AND FOX ST.
ELEV = 645.64

NORTHWEST TAGGED FLANGE BOLT ON HYDRANT AT THE NORTHEAST CORNER OF STATE ST. AND BEECHER ST.

N/A 10-00040-00-SW KENDALL PED. ROAD
DIST. NO. BLINOIS FED. AND PROJECT - SRIS CONTRACT NO. 87459







PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

- STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JAN. 1, 2012, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIFICATIONS AND PROVISIONS ADOPTED JAN. 1, 2012, AND REVISIONS THERETO, THESE IMPROVEMENT PLANS, DETAILS, SPECIAL PROVISIONS, CODES AND ORDINANCES OF THE UNITED CITY OF YORKVILLE, ILLINOIS SHALL GOVERN APPLICABLE PORTIONS OF THIS PROJECT.
- SPECIAL ATTENTION IS CALLED TO THE FOLLOWING ARTICLES IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION:

 ARTICLE 105.06 COOPERATION BY CONTRACTOR

ARTICLE 105.07 — COOPERATION WITH UTILITIES
ARTICLE 107.14 — MAINTENANCE OF TRAFFIC
ARTICLE 107.15 — DIRT ON PAVEMENT OR STRUCTURES

ARTICLE 107.25 - PROTECTION AND RESTORATION OF TRAFFIC SIGNS

ARTICLE 107.31 - CONTRACTOR'S RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES

ARTICLE 701.04 — WORK ZONE TRAFFIC CONTROL AND PROTECTION: GENERAL ARTICLE 701.07 — WORK ZONE TRAFFIC CONTROL AND PROTECTION: DROP-OFFS

ARTICLE 701.17 - WORK ZONE TRAFFIC CONTROL AND PROTECTION: SPECIFIC

CONSTRUCTION OPERATIONS

- 3. LOCATIONS OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY AND ARE NOT NECESSARILY COMPLETE. EXISTING AND PUBLIC UTILITIES ARE SHOWN ON THE PLANS, ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES, MUNICIPALITIES AND
- THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL SECTION OR SUBSECTION SURVEY MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS/HER AGENT OR AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- 5. ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.
- THE CONTRACT UNIT PRICE FOR ALL REMOVAL PAY ITEMS SHALL INCLUDE ANY REQUIRED
- CONTRACTOR SHALL PROVIDE AND INSTALL A MINIMUM OF TWO WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL). THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TRAFFIC CONTROL AND PROTECTION ITEMS.
- BEFORE STARTING ALL EXCAVATIONS, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 811 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- 9. IN ACCORDANCE WITH ARTICLE 107.15, WHENEVER CONSTRUCTION DEBRIS OR LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS.
- 10. IF, DURING CONSTRUCTION, THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWER, UNDER DRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY, OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR TO REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTORS OWN EXPENSE.
- 11. THE RESIDENT ENGINEER SHALL CONTACT THE IDOT DISTRICT 3 TRAFFIC CONTROL SUPERVISOR A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TRAFFIC CONTROL DEVICES.
- 12. ALL WORK PREFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
- 13. ALL ROADWAYS SHALL BE OPEN TO TRAFFIC AT ALL TIMES. WHEN IT IS NECESSARY TO CLOSE ONE LANE OF TRAFFIC DUE TO CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN AT ONE LANE OF TRAFFIC DURING CONSTRUCTION HOURS WITH THE USE OF SIGNS AND FLAGGERS AS SHOWN IN THE TRAFFIC CONTROL STANDARDS. DURING NON-WORK HOURS, ALL LANES SHALL BE OPEN TO TRAFFIC.
- 14. ALL SIDEWALK SECTIONS TO BE REPLACED AT ALL ROADWAY CROSSINGS SHALL BE INSTALLED WITH PREFORMED DETECTABLE WARNING PANELS IN LIEU OF STAMPED COLORED CONCRETE. A PREFABRICATED, BRICK RED (FEDERAL STANDARD COLOR 30166) DETECTABLE WARNING PANEL, WITH SQUARE PATTERNED TRUNCATED DOMES SHALL BE USED. THE PANEL SHALL BE AN E-Z-SET CERAMIC COMPOSITE DETECTABLE WARNING PANEL, AN ADA SOLUTIONS CAST-IN-PLACE COMPOSITE PAVER TILE, OR APPROVED EQUAL. THIS WORK SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS.
- 15. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ANY RESIDENT OR BUSINESS OF ANY DRIVEWAY REMOVAL AND REPLACEMENT THAT WILL INHIBIT ACCESS TO THEIR DRIVEWAY, IN WRITING, A MINIMUM OF 48 HOURS BUT NOT MORE THAN 72 HOURS, PRIOR TO THE COMMENCEMENT OF THESE ACTIVITIES. THE MORNING OF THE WORK, THE CONTRACTOR SHALL AGAIN NOTIFY THE OWNER VERBALLY, TO ALLOW THE OWNER TIME TO MOVE THEIR VEHICLE SO AS NOT TO PROHIBIT THE VEHICLE FROM LEAVING THE DRIVEWAY UPON REMOVAL OF ANY MATERIAL. THE NOTICE GIVEN OUT BY THE CONTRACTOR SHOULD PROVIDE INFORMATION REGARDING THE ANTICIPATED DATE THAT FULL ACCESS WILL BE RESTORED COORDINATION BETWEEN ACTIVITIES SHOULD ALLOW ALL WORK TO BE DONE IN A TIMELY MATTER SO AS TO PERMIT ACCESS TO THE ROADWAY. ANY ADDITIONAL COST OF STAGING REQUIRED TO MAINTAIN TO ACCESS IS CONSIDERED INCLUDED IN THE COST OF THE SPECIFIED PAY ITEMS.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
N/A	10-00040-00-SW	KENDALL	12	2				
CONTRACT NO. 87459								

INDEX OF SHEETS

SHEET NO.

SHEET DESCRIPTION

- COVER SHEET AND LOCATION MAP
- GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS
- SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- PLAN VIEW AND CONSTRUCTION NOTES -MORGAN ST. STA 10+00 TO STA 15+00 E. WASHINGTON ST. STA 90+00 TO STA 92+00
- PLAN VIEW AND CONSTRUCTION NOTES -ADRIAN ST. STA 20+00 TO STA 29+97
- PLAN VIEW AND CONSTRUCTION NOTES -STATE ST. STA 30+00 TO STA 39+83
- PLAN VIEW AND CONSTRUCTION NOTES -MILL ST. STA 48+00 TO STA 54+00
- PLAN VIEW AND CONSTRUCTION NOTES -MILL ST. STA 54+00 TO STA 58+35
- 10. PLAN VIEW AND CONSTRUCTION NOTES -DOLPH ST. STA 60+00 TO STA 66+59
- 11. PLAN VIEW AND CONSTRUCTION NOTES -
- 12. PLAN VIEW AND CONSTRUCTION NOTES W. WASHINGTON ST. STA 80+00 TO STA 89+61

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424026	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442001-06	CLASS C AND D PATCHES
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES



UNITED CITY OF YORKVILLE 800 GAME FARM ROAD YORKVILLE, IL 60560

1	7/31/12	REVISED PER IDOT COMMENTS
NO	DATE	REVISIONS

SAFE ROUTES TO SCHOOL UNITED CITY OF YORKVILLE KENDALL COUNTY, ILLINOIS

GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS

DATE:	MAY	2012
PROJECT	NO:	Y01114
FILE:		Y01114-CVR
SHEET	2	of 12

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	10-00040-00-SW	KENDALL	12	3
CO	NTRACT NO. 874	159		

SUMMARY OF QUANTITIES

		CODE NO	ITEM DESCRIPTION	UNITS	QUANTITY 0021
		20101200	TREE ROOT PRUNING	EACH	2
		20200100	EARTH EXCAVATION	CŨ YD	797
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,812
	*	21400100	GRADING AND SHAPING DITCHES	FOOT	583
		25000100	SEEDING, CLASS 1	ACRE	1.4
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	127
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	127
	ř.	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	127
		25100125	MULCH, METHOD 3	ACRE	1.4
		35101400	AGGREGATE BASE COURSE, TYPE B	TON	704
		40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	3 43
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	43
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	20,689
	*	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1,985
	*	42400800	DETECTABLE WARNINGS	SQ FT	469
	*	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	361
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	45
	l .	44000600	SIDEWALK REMOVAL	SQ FT	1,106
	*	44201696 56500600	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	40 3
	34	60609200	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	EACH FOOT	110
		60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	45
	-	67100100	MOBILIZATION	L SUM	1
	*	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	4
İ	*	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
#		78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	984
#		78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	54
#	*	Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	132
L		20004310	HOT WIT ASTINET DISTACTION TO	JQ ID	102

SPECIALTY ITEMS

* SEE SPECIAL PROVISIONS

Engineering Enterprises, Inc.
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52 Wheeler Road
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630.466.6700 / www.seiweb.com

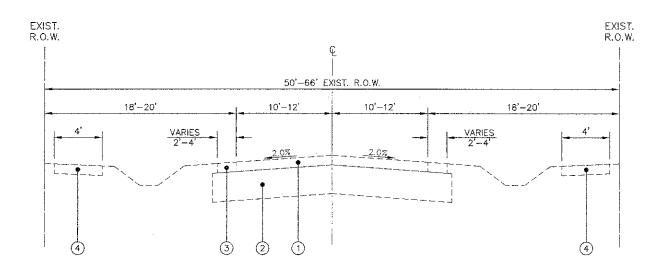
UNITED CITY OF YORKVILLE 800 GAME FARM ROAD YORKVILLE, IL 60560 1 7/31/12 REVISED PER IDOT COMMENTS
NO. DATE REVISIONS

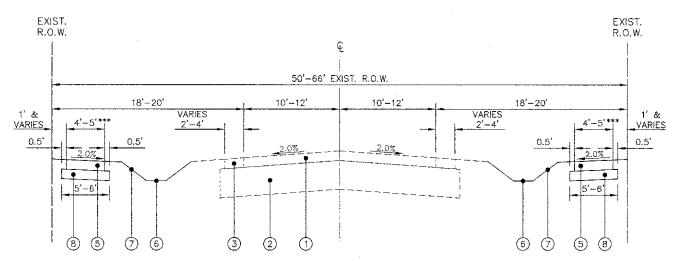
SAFE ROUTES TO SCHOOL UNITED CITY OF YORKVILLE KENDALL COUNTY, ILLINOIS

SUMMARY OF QUANTITIES

8 J 82

DATE: MAY 2012
PROJECT NO: Y01114
FILE: Y01114-CVR
SHEET 3 OF 12





EXISTING TYPICAL CROSS-SECTION

FROM STA 10+00 TO 15+00, MORGAN STREET *
FROM STA 20+00 TO 29+97, ADRIAN STREET *
FROM STA 30+00 TO 39+83, STATE STREET **
FROM STA 48+00 TO 58+35, MILL STREET
FROM STA 60+00 TO 66+59, DOLPH STREET **
FROM STA 70+00 TO 76+57, ORANGE STREET **
FROM STA 80+00 TO 89+61, W. WASHINGTON STREET **
FROM STA 90+00 TO 92+00, E. WASHINGTON STREET **
N.T.S.

PROPOSED TYPICAL CROSS-SECTION

FROM STA 10+00 TO 15+00, MORGAN STREET *
FROM STA 20+00 TO 29+97, ADRIAN STREET *
FROM STA 30+00 TO 39+83, STATE STREET *
FROM STA 48+00 TO 58+35, MILL STREET
FROM STA 60+00 TO 66+59, DOLPH STREET **
FROM STA 70+00 TO 76+57, ORANGE STREET **
FROM STA 80+00 TO 89+61, W. WASHINGTON STREET **
FROM STA 90+00 TO 92+00, E. WASHINGTON STREET **
N.T.S.

LEGEND

GRADING AND SHAPING DITCHES

(8) AGGREGATE BASE COURSE, TYPE B, 4"

CLASS 1 SEEDING, FERTILIZER AND MULCH

(AS NEEDED)

- (1) EXISTING 4" ASPHALT PAVEMENT
- 2 EXISTING 12" AGGREGATE BASE COURSE
- 3) EXISTING AGGREGATE SHOULDER
- (4) EARTH EXCAVATION
- (5) PCC SIDEWALK 5 INCH (6" @ DRIVEWAYS)
- * SIDEWALK ON LEFT ONLY
- ** SIDEWALK ON RIGHT ONLY

 *** SEE PLAN SHEETS FOR WIDTHS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE

OPERATION	MIXTURE TYPE	PG GRADE	DENSITY TEST METHOD	AIR VOIDS @ N _{dep}
DRIVEWAY	HMA DRIVEWAY (3")			
RECONSTRUCTION	HMA SURFACE COURSE, MIX "C", N30 (IL-9.5MM), 3"	PG58-22	GROWTH CURVE	3% @ 30 Gyr.
	CLASS D PATCHE, 4"	į		1
PATCHING	HMA SURFACE COURSE, MIX "D", N50 (IL-9.5MM); 1 1/2	PG64-22	GROWTH CURVE	4% @ 50 Gyr.
	HMA BINDER COURSE, IL-19.0, N50; 2 1/2"	PG64-22	GROWTH CURVE	4% @ 50 Gyr.

Engineering Enterprises, Inc.

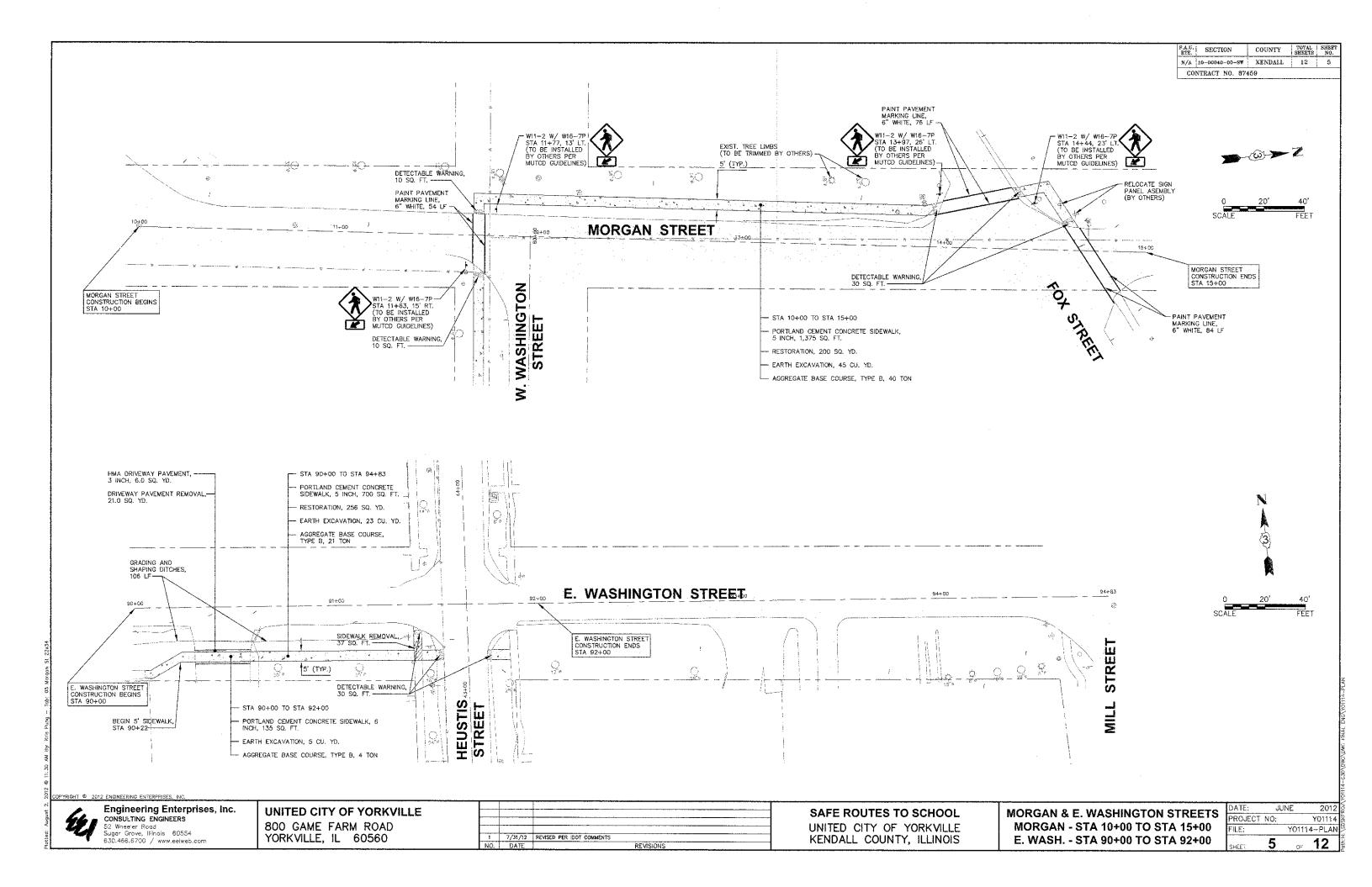
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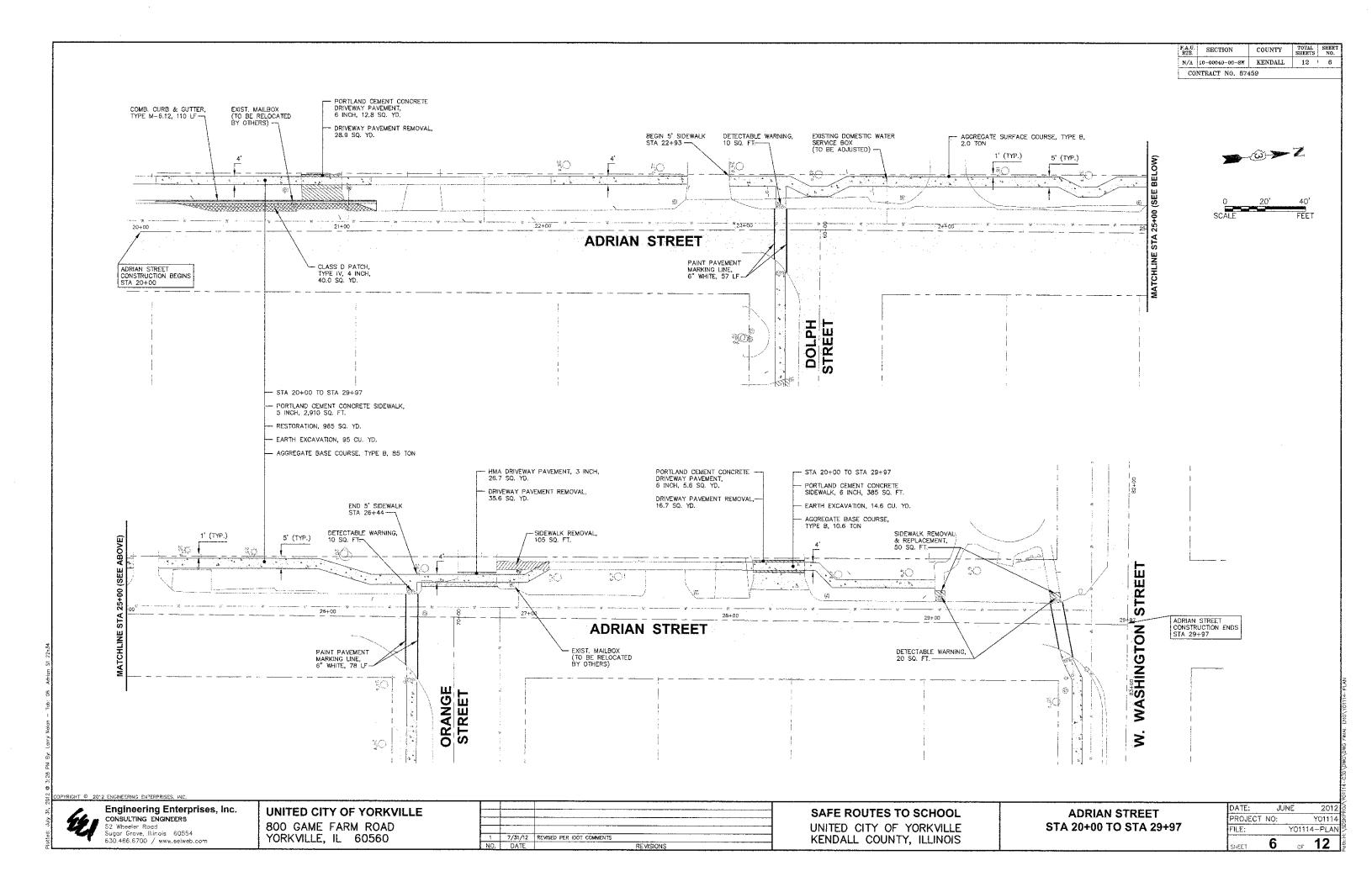
UNITED CITY OF YORKVILLE 800 GAME FARM ROAD YORKVILLE, IL 60560

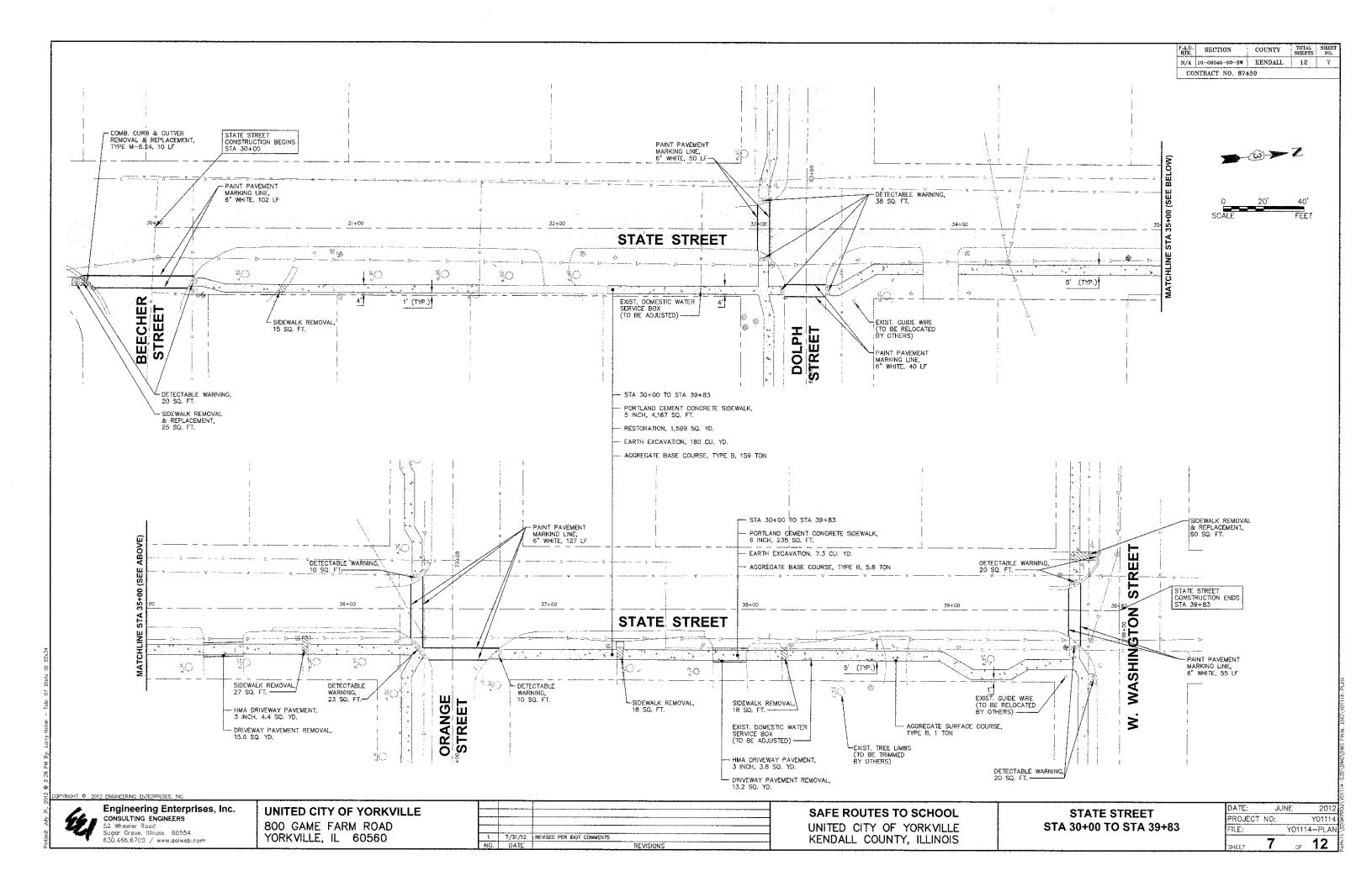
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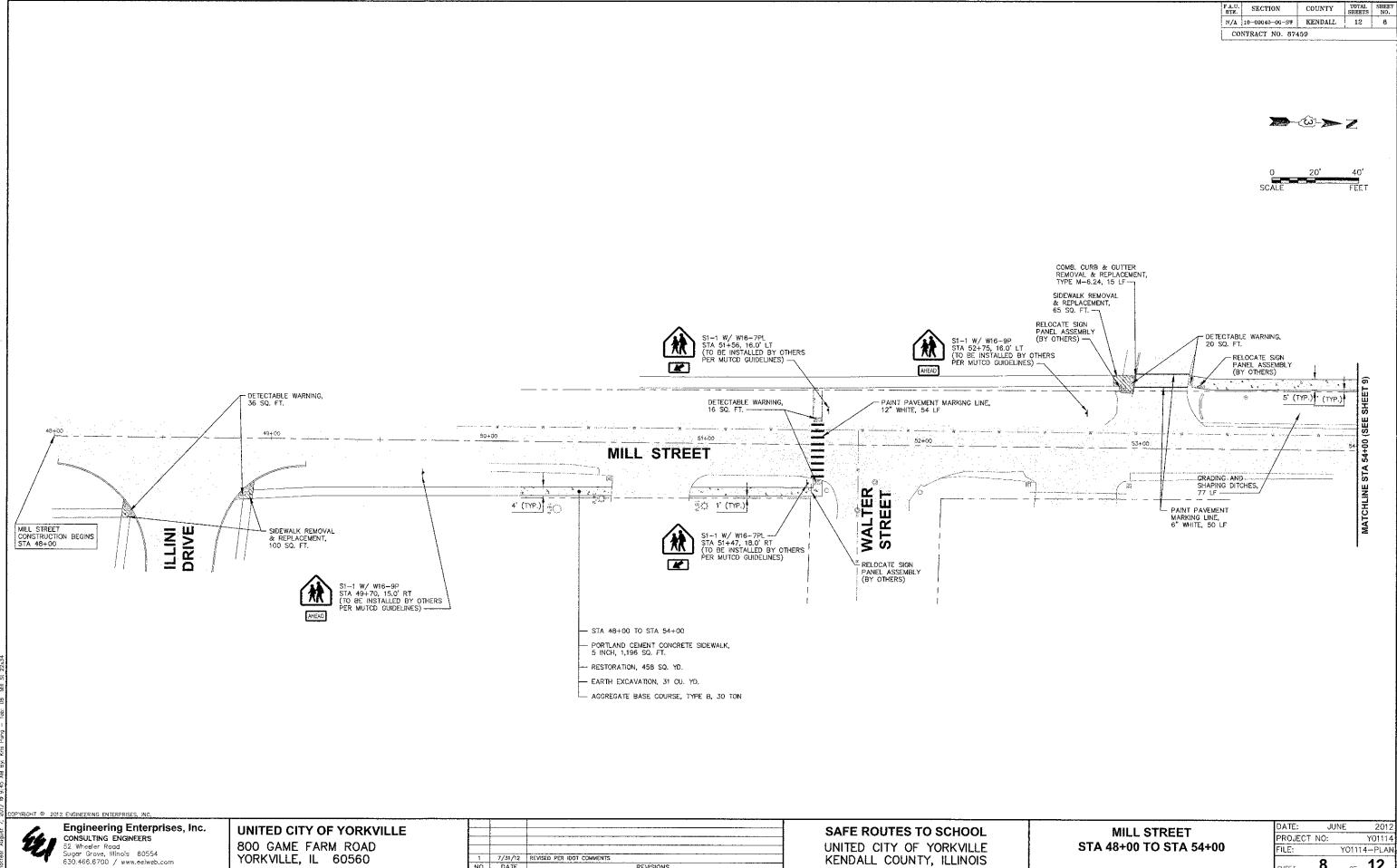
SAFE ROUTES TO SCHOOL UNITED CITY OF YORKVILLE KENDALL COUNTY, ILLINOIS TYPICAL SECTIONS

DATE:	, A	4AY		20	12
PROJECT	NO:		ì	1011	14
FILE:		YC	21114	4-C	٧R
SHEET	4	О	F.	12	!









YORKVILLE, IL 60560

KENDALL COUNTY, ILLINOIS

DATE:	ქს	JNE	2012
PROJECT	NO:		Y01114
FILE:		Y0111	4-PLAN
SHEET	8	0F	12

SECTION COUNTY TOTAL SHEETS N/A 10-00040-00-SW KENDALL 12 9 CONTRACT NO. 87459 $\sim \omega \sim Z$ DETECTABLE WARNING, 20 SQ. FT. SIDEWALK REMOVAL AND REPLACEMENT, 105 SQ. FT. -COMB. CURB & GUTTER REMOVAL AND REPLACEMENT, TYPE M-6.24, 10 LF SCHOOL ENTRANCE - PAINT PAVEMENT MARKING LINE, 6" WHITE, 63 LF COMB. CURB & GUTTER REMOVAL AND REPLACEMENT, TYPE M-6.24, 10 LF DETECTABLE WARNING, 10 SQ. FT. --- STA 54+00 TO STA 58+35 PORTLAND CEMENT CONCRETE SIDEWALK,
 5 INCH, 2,140 SQ. FT. STREET - RESTORATION, 990 SQ, YD. - EARTH EXCAVATION, 71 CU. YD. - AGGREGATE BASE COURSE, TYPE B, 63 TON SIDEWALK REMOVAL, 80 SQ. FT. GRADING AND SHAPING DITCHES, 400 LF 5' (TYP.) 1' (TYP.) DETECTABLE WARNING, 10 SQ. FT. -12" HDPE INV = 650.38, NW INV = 650.18, SE (TO BE EXTENDED BY OTHERS) MILL STREET MILL STREET CONSTRUCTION ENDS STA 58+35 OLSON STREET Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466,6700 / www.eeiweb.com DATE: JUNE UNITED CITY OF YORKVILLE SAFE ROUTES TO SCHOOL MILL STREET PROJECT NO: Y01114 800 GAME FARM ROAD STA 54+00 TO STA 58+35 UNITED CITY OF YORKVILLE FILE: Y01114-PLAN YORKVILLE, IL 60560 1 7/31/12 REVISED PER IDOT COMMENTS KENDALL COUNTY, ILLINOIS 9 12 REVISIONS

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