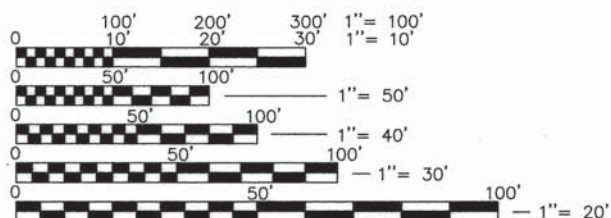


FOR INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

03-04-2016 LETTING ITEM 097

POLICY STATEMENT:
PLANS DESIGNED IN ACCORDANCE WITH THE BUREAU OF LOCAL ROADS AND STREETS MANUAL

DESIGN DESIGNATION
MILL STREET, MAJOR COLLECTOR
DESIGN SPEED = 30 M.P.H.
POSTED SPEED = 30 M.P.H.
ADT (2010) = 750 VPD 5% TRUCKS



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



CONTRACT NO. 87634

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

STU FUNDING
FAU 2517 (MILL STREET)
IL 126 (SCHOOLHOUSE ROAD)
TO WASHINGTON STREET
SECTION 15-00049-00-RS
PROJECT M-4003(577)
RESURFACING
UNITED CITY OF YORKVILLE
KENDALL COUNTY
C-93-002-16



WEST 1/2 SECTION 33 T37N, R7E, 3RD PM, AND
NW 1/4 SECTION 4, T36N, R7E, 3RD PM, KENDALL TOWNSHIP
LOCATION MAP
SCALE: 1" = 1000'
GROSS & NET LENGTH OF PROJECT = 1,800 FEET (0.341 MILE)

PROJECT LOCATED IN THE UNITED CITY OF YORKVILLE



END IMPROVEMENTS
MILL STREET
STA. 62+10

BEGIN IMPROVEMENTS
MILL STREET
STA. 44+10

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2517	15-00049-00-RS	KENDALL	7	1
CONTRACT NO. 87634				



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED DECEMBER 17 2015
Harry J. Stalinski
UNITED CITY OF YORKVILLE, MAYOR

PASSED 12-21 2015
David R. C.
DISTRICT 3 LOCAL ROADS AND STREETS ENGINEER

RELEASING FOR BID BASED ON LIMITED REVIEW 12-21 2015
Paul A. G. G.
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

DATE: December 16, 2015

BY: *Timothy V. Weidner*
TIMOTHY V. WEIDNER

LICENSE EXPIRES: NOVEMBER 30, 2017

SEAL

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeieweb.com

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GENERAL NOTES

PAVING

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE OR DRIVEWAY PAY ITEM.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

UTILITIES

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, FIELD TILES AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND NOT NECESSARILY COMPLETE; THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

STAKING

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.

MISCELLANEOUS

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET AND DRIVEWAY ACCESS TO EACH ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

DETECTABLE WARNINGS SHALL BE A PREFABRICATED, BRICK RED (FEDERAL STANDARD COLOR 30166) DETECTABLE WARNING PANEL, WITH SQUARE PATTERNED TRUNCATED DOMES USED. THE PANEL SHALL BE AN ADA SOLUTIONS CAST-IN-PLACE COMPOSITE PAVEMENT TILE.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.1	TONS / CU YD
HMA MIXTURES	112	LBS / SQ YD / IN
BITUMINOUS MATERIAL PRIME COAT	0.05	LB / SQ FT (ON HMA)
	0.25	LB / SQ FT (ON AGGREGATE)
	0.025	LB / SQ FT (FOG COAT)
AGGREGATE PRIME COAT	4	LB / SQ YD (ON HMA)
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION

ANY AREAS ON DRIVEWAYS OUTSIDE THE LIMITS OF MAINLINE PAVING SHALL BE RESURFACED UTILIZING THE INCIDENTAL HOT-MIX ASPHALT SURFACING PAY ITEM. ANY DRIVEWAYS THAT ARE WITHIN THE LIMITS OF THE SCREED EXTENSIONS DURING MAINLINE PAVING SHALL BE PAID FOR AS A PART OF THE BINDER AND SURFACE COURSE PAY ITEMS. BITUMINOUS MATERIALS (PRIME COAT) SHALL BE INSTALLED ON DRIVEWAYS AND PAID FOR SEPARATELY ACCORDING TO THE HOT-MIX ASPHALT -PRIME COAT SPECIAL PROVISION.

PCC DRIVEWAY PAVEMENT SHALL CONTAIN FIBER REINFORCEMENT OR WIRE MESH INSTALLED PER CITY REQUIREMENTS. THE EXISTING DRIVEWAY AND BASE COURSE SHALL BE REMOVED AND REPLACED IN SUCH A MANNER TO PERMIT INGRESS AND EGRESS. STAGING DRIVEWAY REPLACEMENT HALF AT A TIME MAY BE NECESSARY, HOWEVER ANY RESIDENTIAL CONCRETE DRIVEWAY CAN BE REPLACED IN ONE OPERATION WITHOUT STAGING (PROVIDED THE PROPER NOTIFICATION HAS BEEN PROVIDED). THE DRIVEWAY SHALL BE SAWCUT AT THE LIMITS OF THE REMOVAL, WHICH WILL BE MARKED BY THE ENGINEER PRIOR TO REMOVAL. IN THE EVENT THAT A DRIVEWAY IS DAMAGED BEYOND THE LIMITS MARKED BY THE ENGINEER, A NEW SAW-CUT SHALL BE PROVIDED AND ANY ADDITIONAL REMOVAL AND REPLACEMENT WILL BE PROVIDED AT THE CONTRACTOR'S COST. NO EXCAVATION WILL BE PERMITTED TO BEGIN UNLESS THE CONTRACTOR HAS SCHEDULED THE CONCRETE POUR WITHIN 24 HOURS OF THE REMOVAL. THE DRIVEWAYS SHALL BE BARRICADED TO DETER VEHICULAR TRAFFIC UNTIL THE COMPRESSIVE STRENGTH REACHES 3000 PSI.

AT CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS, THE EXISTING CURB SHALL BE TIED TO THE NEW CURB AND GUTTER BY DRILLING AND EPOXYING TWO EXPANSION TIE ANCHOR BARS (3/4") MEETING THE PULL-OUT LOAD CAPACITY GUIDELINES OF ARTICLE 1006.09 OF THE STANDARD SPECIFICATIONS. AT ALL EXPANSION JOINTS, THE CONTRACTOR SHALL PROVIDE TWO SMOOTH NO. 8 DOWEL BARS, 18" LONG, THROUGH THE EXPANSION JOINT. AT LOCATIONS WHERE THE PROPOSED CURB AND GUTTER IS TO BE CONSTRUCTED ACROSS TRENCHES OR WITHIN THREE FEET OF THE CLOSE EDGE OF ANY TRENCH, TWO (2) NO. 4 REINFORCEMENT BARS SHALL BE PLACED IN THE PROPOSED GUTTER. THESE REINFORCEMENT BARS SHALL NOT BE CONTINUOUS THROUGH TRANSVERSE EXPANSION JOINTS, BUT SHALL BE STOPPED 3" SHORT OF THE JOINT. THIS WORK SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.

SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

ALL DISTURBED AREAS WITHIN THE PROJECT THAT ARE NOT OTHERWISE SURFACED SHALL BE CLEANED, LAYERED WITH TOPSOIL, AND SEEDED AS SHOWN IN THE PLANS. LIMITS SHOWN ON THE PLANS ARE THE MAXIMUM PAY WIDTHS FOR PAYMENT PURPOSES. ADDITIONAL AREAS DAMAGED BY MACHINERY, CONSTRUCTION EQUIPMENT, CONTRACTOR NEGLIGENCE OR OVER-EXCAVATION SHALL BE RESTORED TO A CONDITION EQUAL TO THAT EXISTING BEFORE THE DAMAGE OCCURRED AT THE COST OF THE CONTRACTOR.

THE CONTRACTOR SHALL DISPOSE OF AND REMOVE FROM THE SITE EACH DAY ALL CURB AND GUTTER, PAVEMENT AND ALL OTHER EXCAVATED MATERIAL NOT FOR SALVAGE. THE COST FOR HAULING AND TRUCKING TO DISPOSAL LOCATIONS WILL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

PATCHING LOCATIONS SHALL BE MARKED BY THE ENGINEER DURING CONSTRUCTION.

TOPSOIL, SEEDING, FERTILIZER AND MULCH METHOD 3 SHALL BE PLACED ADJACENT TO THE AGGREGATE SHOULDER OR ROADWAY AS DIRECTED BY THE ENGINEER. THE ENGINEER SHALL REVIEW THE SITE CONDITIONS WITH THE CONTRACTOR AFTER SHOULDER CONSTRUCTION. AREAS OF ANTICIPATED RESTORATION ARE SHOWN ON THE PLANS.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ANY RESIDENT OR BUSINESS OF ANY REMOVAL AND REPLACEMENT ACTIVITIES THAT WILL INHIBIT OR PROHIBIT 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 SHALL PROVIDE INFORMATION REGARDING THE ANTICIPATED DATE THAT FULL ACCESS WILL BY RESTORED. COORDINATION BETWEEN ACTIVITIES SHOULD ALLOW ALL WORK TO BE DONE IN A TIMELY MANNER SO AS TO PERMIT ACCESS TO THE ROADWAY. ANY ADDITIONAL COST OF STAGING REQUIRED TO MAINTAIN ACCESS IS CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

MANHOLE ADJUSTMENTS IN THE PAVEMENT SHALL BE COMPLETED FOLLOWING BINDER PLACEMENT AND PRIOR TO PAVING SURFACE COURSE. THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 CONCRETE.

SUPPLEMENTAL LEGEND

SEE IDOT HIGHWAY STANDARDS FOR ADDITIONAL INFORMATION

-  SIDEWALK OR DRIVEWAY REMOVAL AND PCC SIDEWALK, 5" OR DRIVEWAY, 6"
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  CLASS D PATCHES, 4"
-  INCIDENTAL HOT-MIX ASPHALT SURFACING
-  EXISTING COMBINATION CONCRETE CURB AND GUTTER
-  COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1.	COVER SHEET AND LOCATION MAP
2.	GENERAL NOTES, HIGHWAY STANDARDS, SUPPLEMENTAL LEGEND AND INDEX OF SHEETS
3.	SUMMARY OF QUANTITIES
4.	TYPICAL SECTIONS
5.-6.	ROADWAY PLANS
7.	MISCELLANEOUS DETAILS

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS
424016-02	MID-BLOCK CURB RAMPS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

Plotted: December 16, 2015 @ 8:35 AM By: Chris Peterson - Model Name: 02 Index 22-34

FILE NAME = H:\SOS\PROJ\101510\DWG\FINAL ENCL\101510-CVR

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52 Wheeler Road
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630.466.6700 / www.eeiweb.com

USER NAME = Chris Peterson	DESIGNED - C.M.F.	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED - T.V.W.	REVISED -
PLOT DATE = December 16, 2015 @ 8:35 AM	DATE -	REVISED -

**UNITED CITY OF YORKVILLE
KENDALL COUNTY, ILLINOIS**

**GENERAL NOTES, HIGHWAY STANDARDS,
SUPPLEMENTAL LEGEND AND INDEX OF SHEETS**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2517	15-00049-00-RS	KENDALL	7	2
CONTRACT NO. .				87634
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY
			CONSTRUCTION TYPE CODE: 0005
25000210	SEEDING, CLASS 2A	ACRE	0.11
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10
25100125	MULCH, METHOD 3	ACRE	0.11
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,629
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	919
40600990	TEMPORARY RAMP	SQ YD	80
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	680
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	415
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	100
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,050
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	190
45100100	CRACK ROUTING (PAVEMENT)	FOOT	65
45100200	CRACK FILLING	POUND	70
42400800	DETECTABLE WARNINGS	SQ FT	120
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	20
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	65
44000600	SIDEWALK REMOVAL	SQ FT	1,000
44201690	CLASS D PATCHES, TYPE I, 4 INCH	SQ YD	50
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	50
44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	100
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	300
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	21
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	65
67100100	MOBILIZATION	LSUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	100
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	35
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	342
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	88
* X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	30
* X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4,950
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	6
* X6040205	FRAMES AND LIDS, SPECIAL	EACH	6
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1

* SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS

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 Plotted: December 16, 2015 @ 3:27 PM By: Jim Schmidt - Model Name: 03 Sum of Qun 22:34
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PLOT SCALE =	CHECKED - T.V.W.	REVISED -
PLOT DATE = December 16, 2015 @ 3:27 PM	DATE -	REVISED -

**UNITED CITY OF YORKVILLE
 KENDALL COUNTY, ILLINOIS**

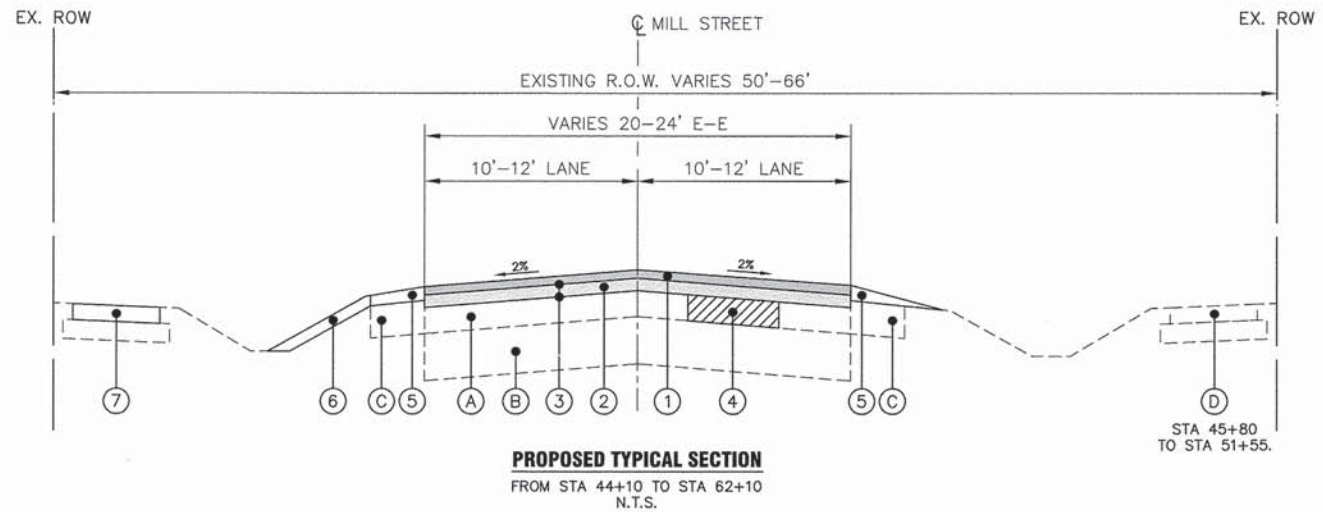
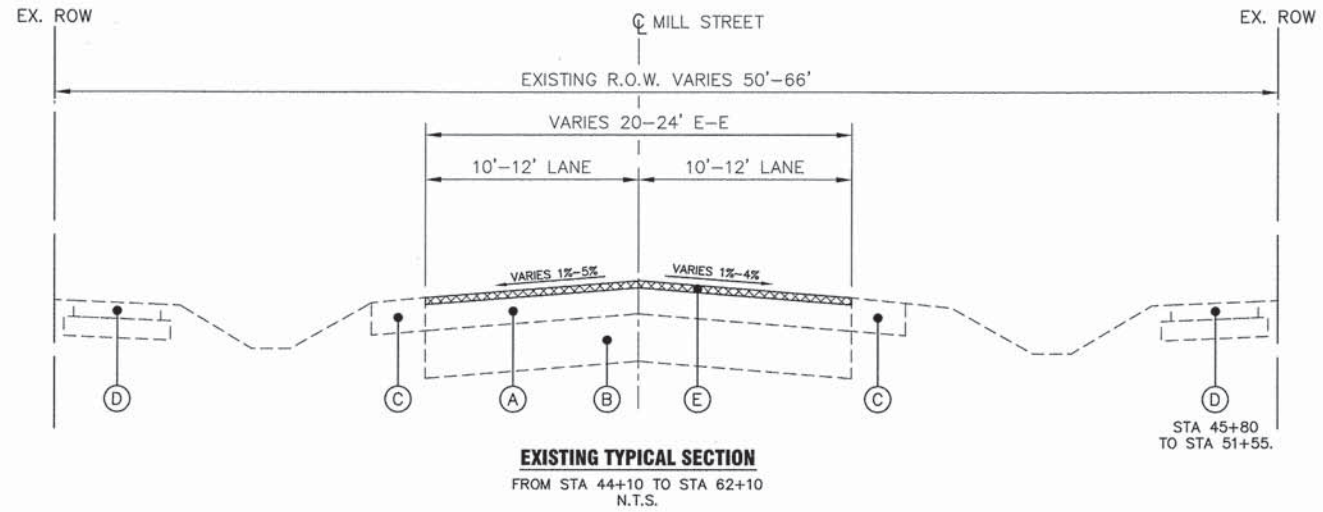
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2517	15-00049-00-RS	KENDALL	7	3
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87634	

Plotted: November 13, 2015 @ 10:21 AM By: Larry Nolan - Model Name: 04 Typ Section 25x34

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LEGEND	
<p>(A) EXISTING HOT-MIX ASPHALT PAVEMENT (2.25" TO 6.5")</p> <p>(B) EXISTING AGGREGATE SUBBASE (2" TO 9")</p> <p>(C) EXISTING AGGREGATE SHOULDER (TYP.)</p> <p>(D) EXISTING CONCRETE SIDEWALK, 5 INCH (6 INCH @ DRIVEWAYS)</p> <p>(E) HMA SURFACE REMOVAL, VARIABLE DEPTH</p>	<p>(1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1.5"</p> <p>(2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"</p> <p>(3) BITUMINOUS MATERIALS (PRIME COAT)</p> <p>(4) CLASS D PATCH, 4" (LOCATIONS TO BE DETERMINED BY ENGINEER)</p> <p>(5) AGGREGATE WEDGE SHOULDERS, TYPE B (TYP.), OR RESTORATION</p> <p>(6) TOPSOIL, SEEDING CLASS 2A, FERTILIZER AND MULCH METHOD 3 (LOCATIONS AS DIRECTED BY THE ENGINEER)</p> <p>(7) SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (AT VARIOUS LOCATIONS)</p>

HMA MIXTURE REQUIREMENTS

	HMA BINDER	HMA SURFACE	INCIDENTAL HMA	HMA CLASS D PATCHES
PG GRADE **	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 9.5	IL 19.0
FRICTION AGGREGATE		MIXTURE C		
DENSITY TEST METHOD	CORES*/CORRELATION	CORES*/CORRELATION	SATISFACTION OF ENGINEER	CORES*

* MATERIAL SHALL BE COMPACTED TO 93.0 - 97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

** WHEN RAP/RAS ABR EXCEEDS 20 PERCENT, THE HIGH AND LOW VIRGIN ASPHALT BINDER GRADES SHALL EACH BE REDUCED BY ONE GRADE (I.E. 25% ABR WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG 64-22 TO BE REDUCED TO PG 58-28).

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52 Wheeler Road
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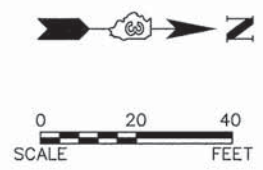
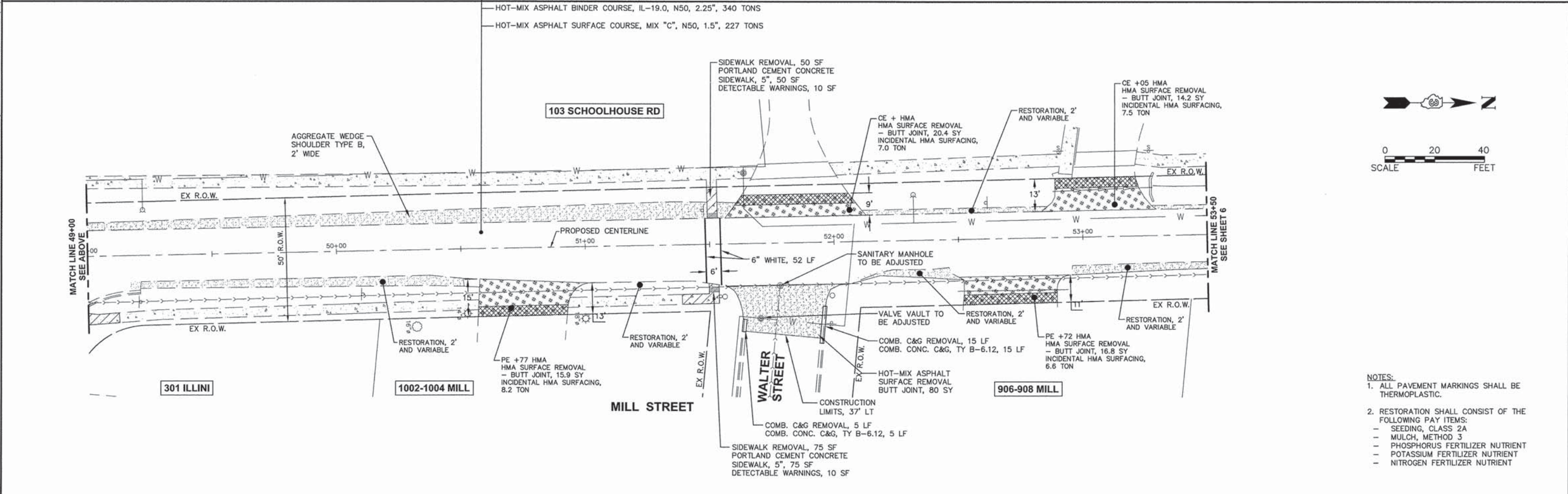
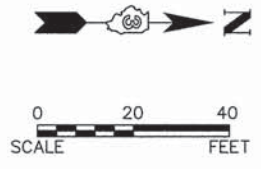
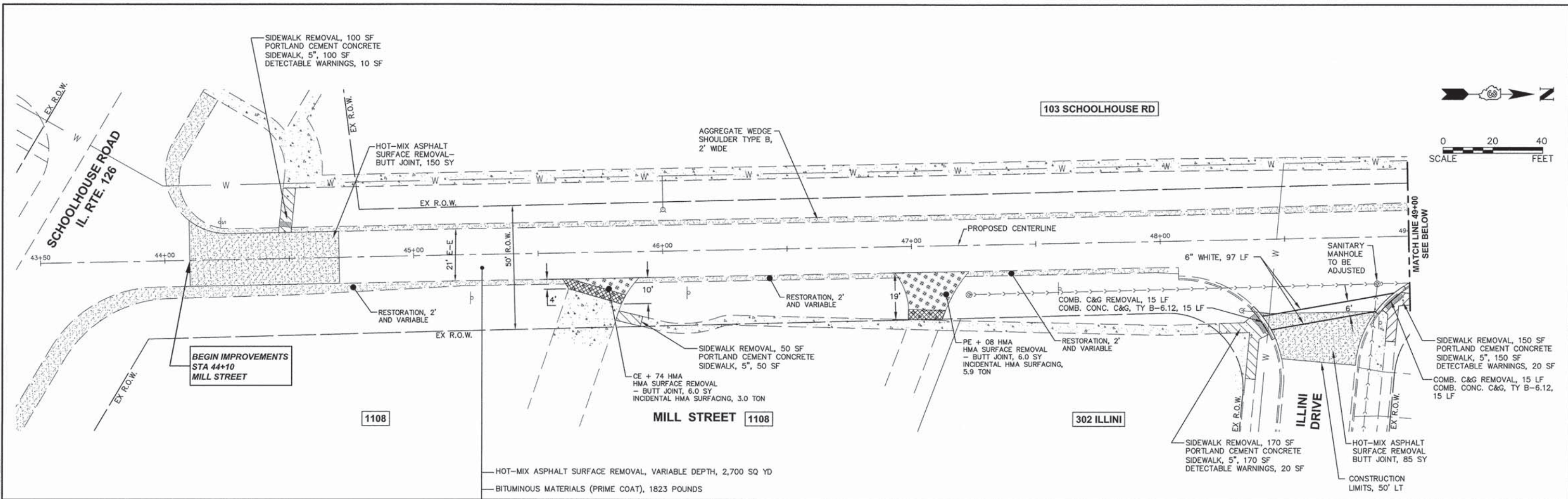
USER NAME = Larry Nolan	DESIGNED - C.M.F.	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = November 13, 2015 @ 10:21 AM	CHECKED - T.V.W.	REVISED -
	DATE -	REVISED -

**UNITED CITY OF YORKVILLE
KENDALL COUNTY, ILLINOIS**

TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS
STA. 43+75	TO STA. 61+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2517	15-00049-00-RS	KENDALL	7	4
				CONTRACT NO. 27634
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

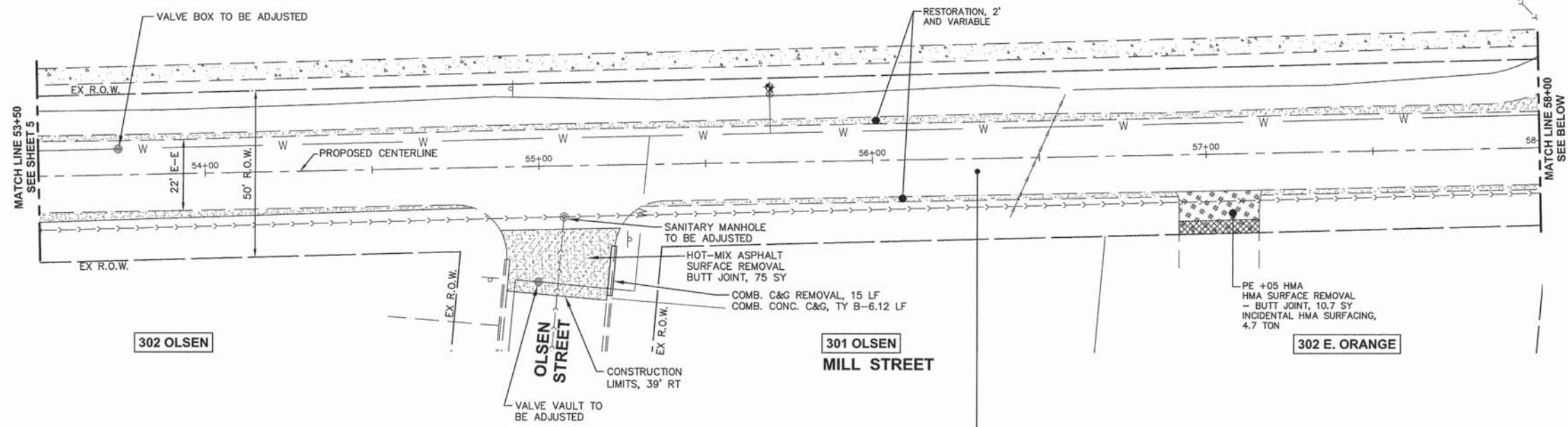
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 Plotted: December 16, 2015 @ 3:55 PM By: Jim Schmidt - Model Name: (05) Mill St 22x34
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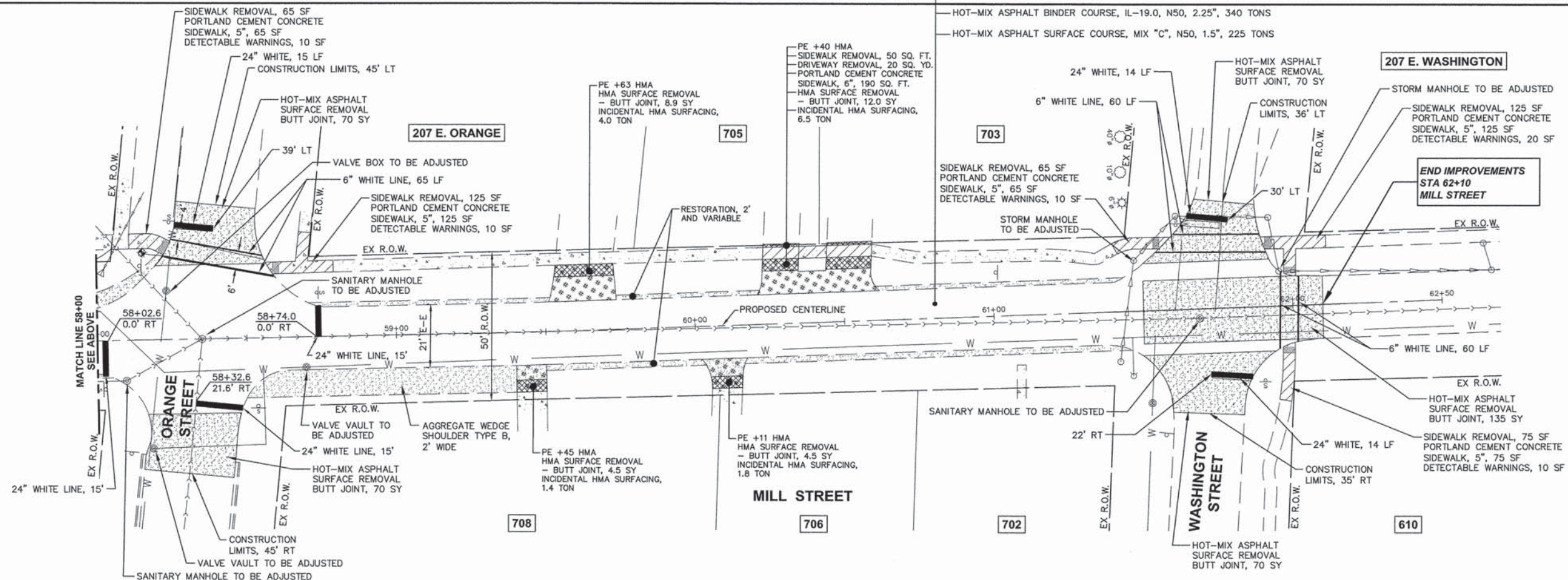
- NOTES:**
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
 - RESTORATION SHALL CONSIST OF THE FOLLOWING PAY ITEMS:
 - SEEDING, CLASS 2A
 - MULCH, METHOD 3
 - PHOSPHORUS FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT

Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eelweb.com	USER NAME = Jim Schmidt	DESIGNED - C.M.F.	REVISED -	UNITED CITY OF YORKVILLE KENDALL COUNTY, ILLINOIS	MILL STREET PLAN VIEW			F.A.U. RTE. 2517	SECTION 15-00049-00-RS	COUNTY KENDALL	TOTAL SHEETS 7	SHEET NO. 5
	PLOT SCALE =	CHECKED - T.V.W.	REVISED -		SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. 43+50 TO STA. 53+50	CONTRACT NO. . 87634			
	PLOT DATE = December 16, 2015 @ 3:55 PM	DATE -	REVISED -					FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

103 SCHOOLHOUSE RD



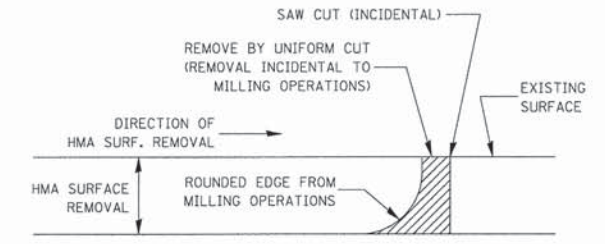
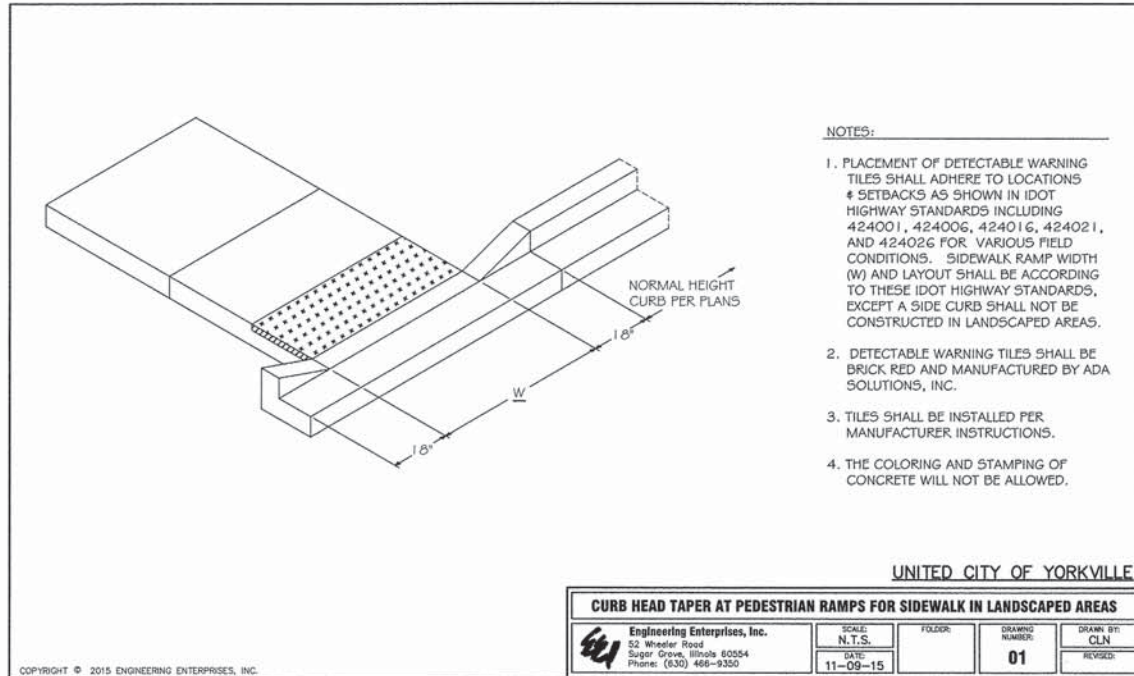
HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 2,250 SQ YD
 BITUMINOUS MATERIALS (PRIME COAT), 806 POUNDS
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25", 340 TONS
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1.5", 225 TONS



- NOTES:
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
 - RESTORATION SHALL CONSIST OF THE FOLLOWING PAY ITEMS:
 - SEEDING, CLASS 2A
 - MULCH, METHOD 3
 - PHOSPHORUS FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT

FILE NAME = H:\SUSP6PROJ\Y01510\DWG\FINAL_ENG\Y01510-PLAN
 Plotted: December 16, 2015 @ 4:34 PM By: jim schmidt - Model Name: (06) Mill St 22x34
 COPYRIGHT © 2015 ENGINEERING ENTERPRISES, INC.

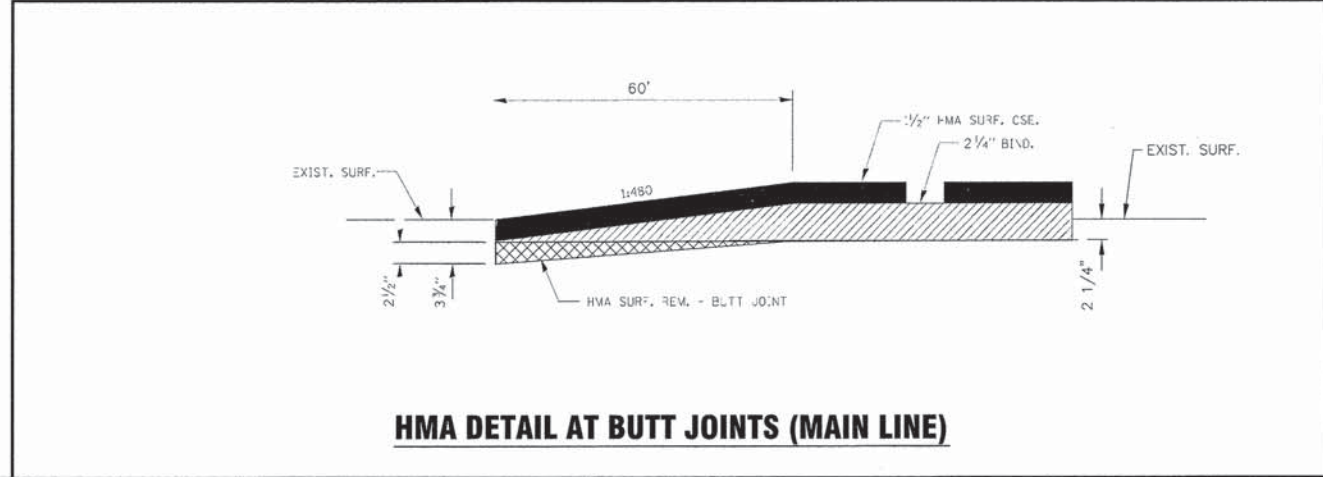
Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeiweb.com	USER NAME = Jim Schmidt	DESIGNED - C.M.F.	REVISED -	UNITED CITY OF YORKVILLE KENDALL COUNTY, ILLINOIS	MILL STREET PLAN VIEW	F.A.U. RTE. 2517	SECTION 15-00049-00-RS	COUNTY KENDALL	TOTAL SHEETS 7	SHEET NO. 6
	PLOT SCALE =	CHECKED - T.V.W.	REVISED -			SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS	STA. 53+50 TO STA. 62+10	FED. ROAD DIST. NO. 3	ILLINOIS FED. AID PROJECT



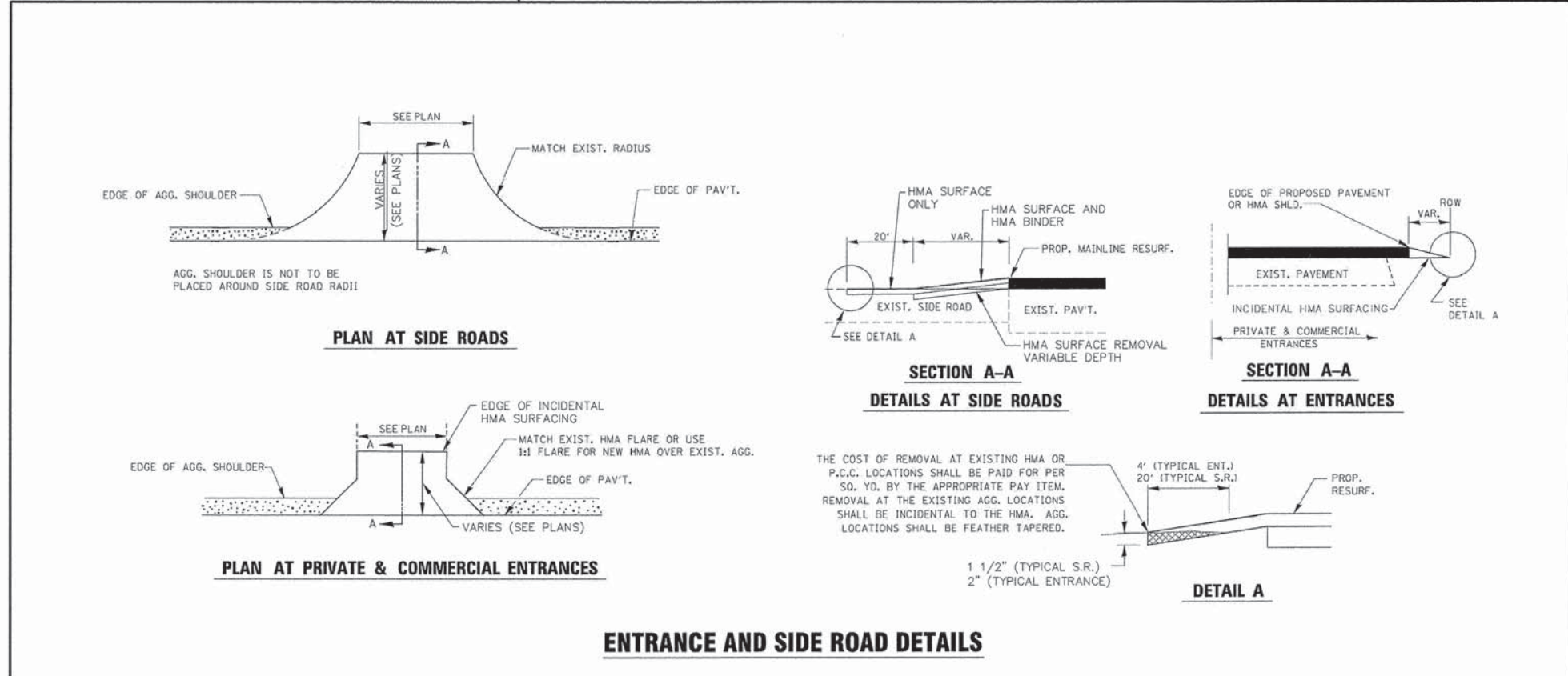
NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

406-8

HMA DETAIL AT BUTT JOINTS



HMA DETAIL AT BUTT JOINTS (MAIN LINE)



ENTRANCE AND SIDE ROAD DETAILS

Plotted: December 16, 2015 @ 8:37 AM By: Chris Peterson - Model Name: 07 Special Details 22x34
 FILE NAME = H:\SOPROD\101510\DWG\FINAL ENG\101510-CVR

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eelweb.com

USER NAME = Chris Peterson	DESIGNED - C.M.F.	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = December 16, 2015 @ 8:37 AM	CHECKED - T.V.W.	REVISED -
	DATE -	REVISED -

**UNITED CITY OF YORKVILLE
KENDALL COUNTY, ILLINOIS**

MISCELLANEOUS DETAILS

SCALE: N.T.S.	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2517	15-00049-00-RS	KENDALL	7	7
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87634	