

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F. A. U. R.T.L.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	15-00032-00-SW	COOK	09	01
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	SRTS-4009(325)	

CONTRACT #61C35

INDEX OF SHEETS

- 1 COVER SHEET, INDEX OF SHEETS & STATE STANDARDS
- 2 SUMMARY OF QUANTITIES & GENERAL NOTES
- 3 TYPICAL SECTIONS
- 4-7 SIDEWALK PLAN AND PROFILE
- 8-9 IDOT DISTRICT 1 DETAILS

STATE STANDARDS

- 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-02 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-04 TRAFFIC CONTROL DEVICES

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

VARIOUS LOCAL ROUTES
MEADOW LANE SCHOOL NEIGHBORHOOD
SIDEWALK REPLACEMENT
PROJECT: SRTS-4009(325)

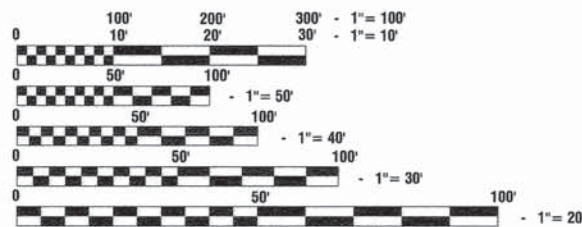
SECTION NO.: 15-00032-00-SW
VILLAGE OF MERRIONETTE PARK
COOK COUNTY

JOB NO.: C-91-254-15



DESIGN DESIGNATION — LOCAL VILLAGE ROUTES, ADT < 500
EXISTING SPEED LIMIT — 20 MPH
STREET CLASSIFICATION — LOCAL ROAD

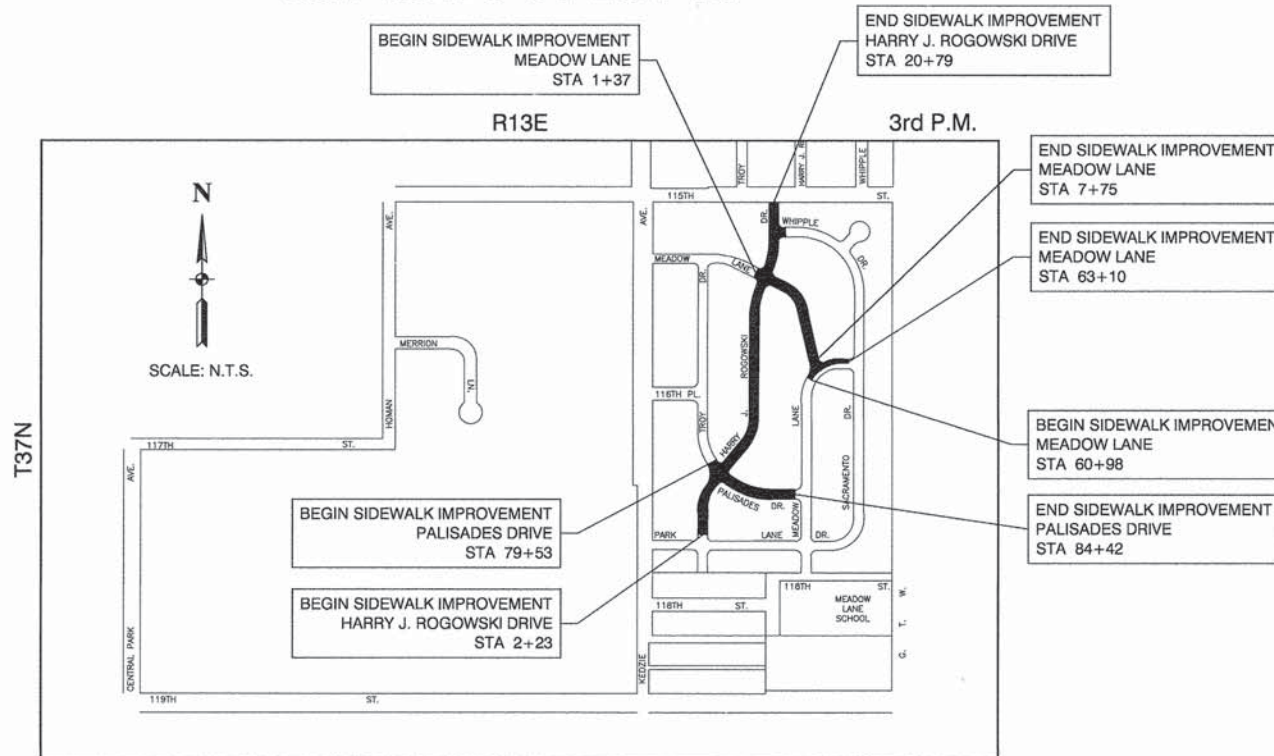
SCALES
PLAN - 1"=50'
PROFILE HORIZ. - 1"=50'
PROFILE VERT. - 1"=5'
CROSS SECTIONS - 1"=10'



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.

J. U. L. I. E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 or 811

CONTRACT NO. 61C35



WORTH TOWNSHIP

LOCATION MAP

— INDICATES PROPOSED IMPROVEMENT

GROSS LENGTH= 3,195 FEET = 0.605 MILES
NET LENGTH= 3,195 FEET = 0.605 MILES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved: *David M. Wolf*
12-1-15
President, Village of Merrionette Park

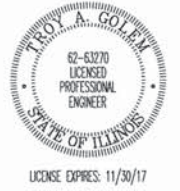
Passed: *December 16, 2015*
C. Holt
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: *December 17 2015*
John F. Moran
Deputy Director of Highways, Region 1 Engineer

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PREPARED BY OR UNDER THE
DIRECT SUPERVISION OF:

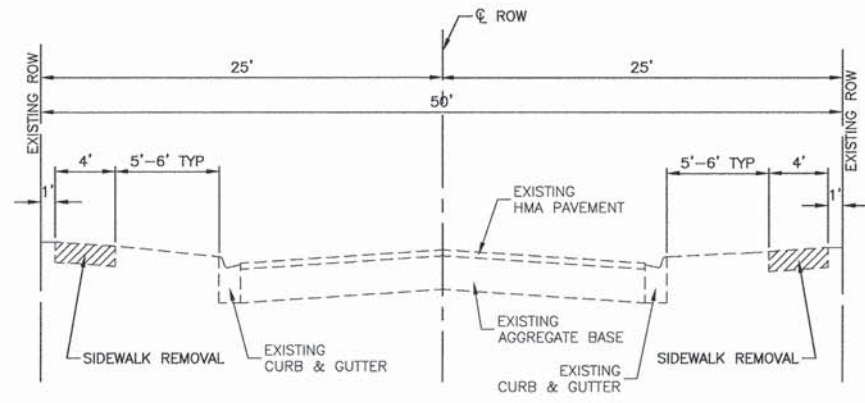
Prof. G. G. G.
12-1-15



FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. (847)-705-4021, SCHAMBURG, IL

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PROFILE	
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EXISTING TYPICAL SECTION

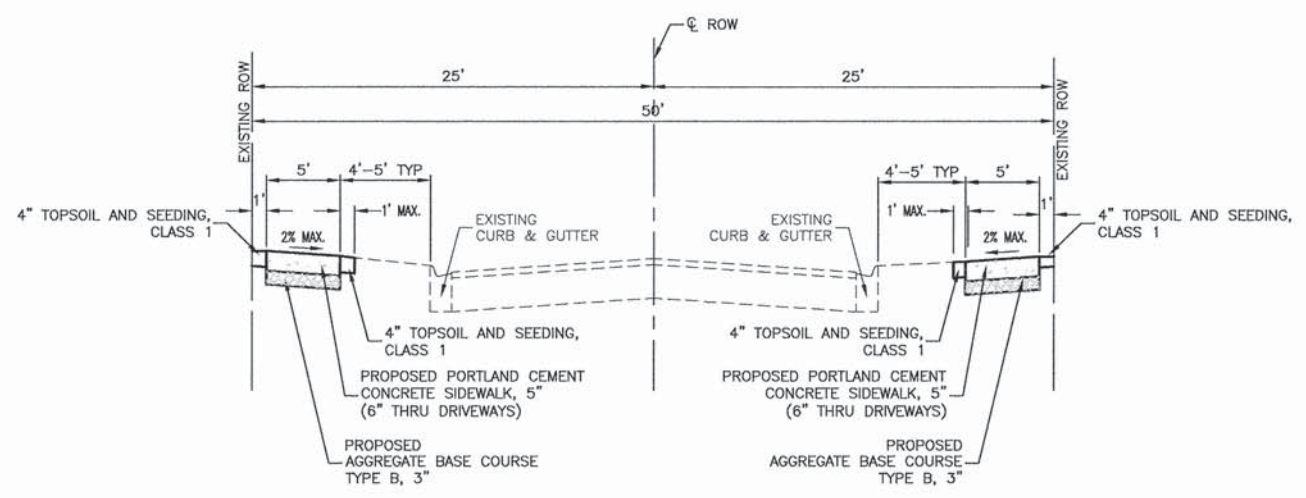
HARRY J. ROGOWSKI DRIVE - STA. 2+23 TO STA. 20+79
 PALISADES DRIVE - STA. 79+53 TO STA. 84+42
 MEADOW LANE DRIVE - STA. 1+37 TO STA. 7+75
 MEADOW LANE DRIVE - STA. 60+98 TO STA. 63+10

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
HMA DRIVEWAY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL 9.5mm) 2 1/2"	4% @ 50 GYR

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.
4. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION

HARRY J. ROGOWSKI DRIVE - STA. 2+23 TO STA. 20+79
 PALISADES DRIVE - STA. 79+53 TO STA. 84+42
 MEADOW LANE DRIVE - STA. 1+37 TO STA. 7+75
 MEADOW LANE DRIVE - STA. 60+98 TO STA. 63+10

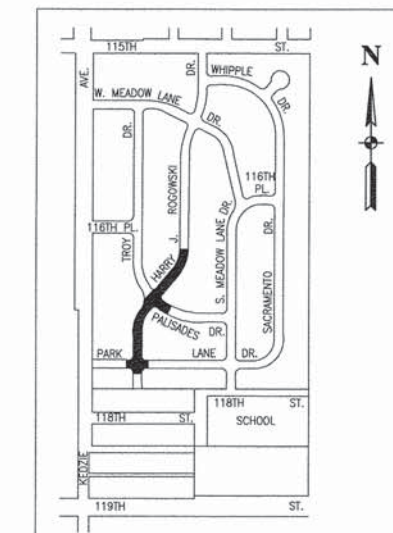
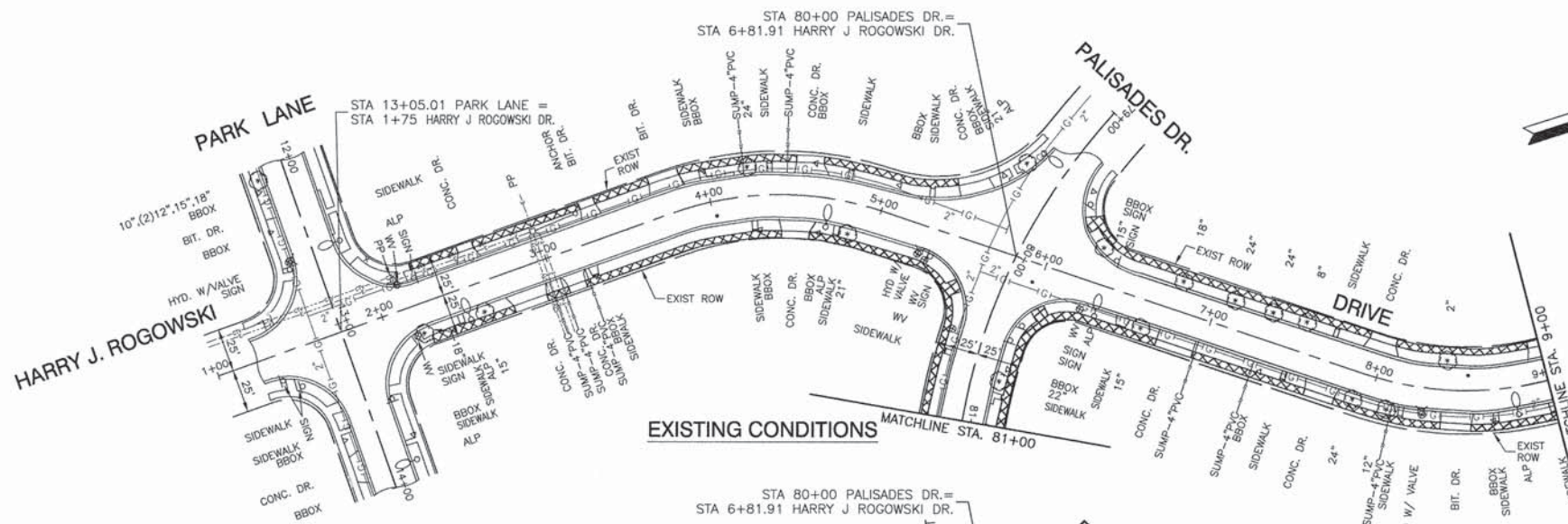
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PLOT SCALE = N.T.S.	DRAWN -- KWM	REVISD --
PLOT DATE = 6-11-15	CHECKED -- AG	REVISD --

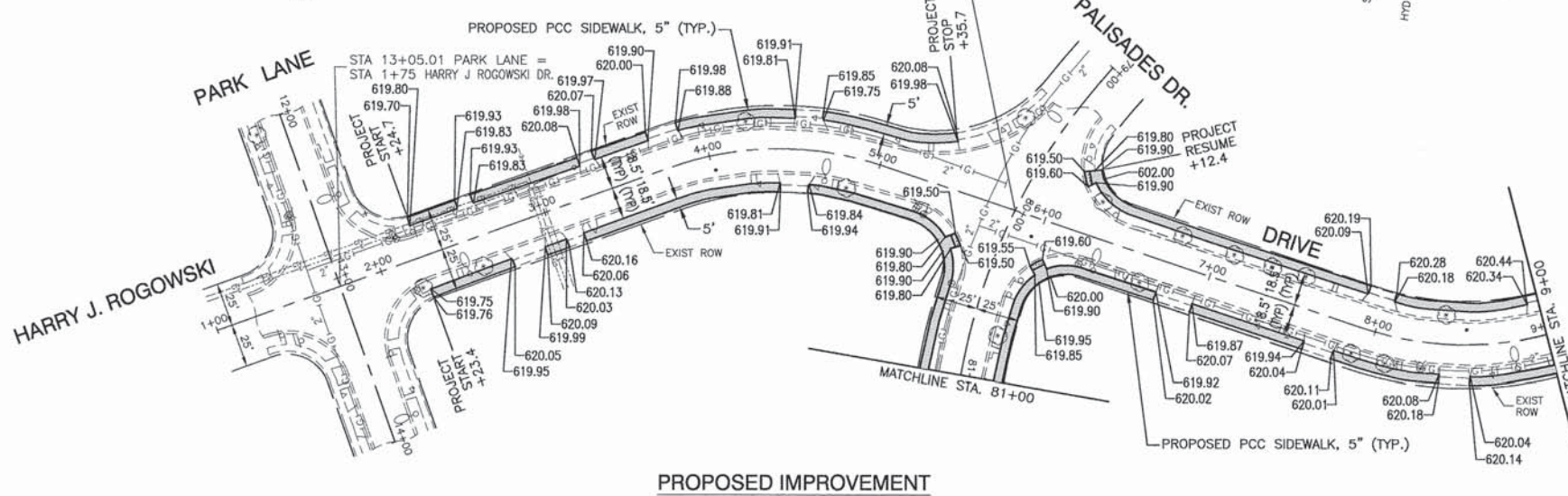
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.		SHEET NO. 03 OF 09 SHEETS		STA.	TO STA.
SIDEWALK REPLACEMENT TYPICAL CROSS SECTIONS VILLAGE OF MERRIONETTE PARK					

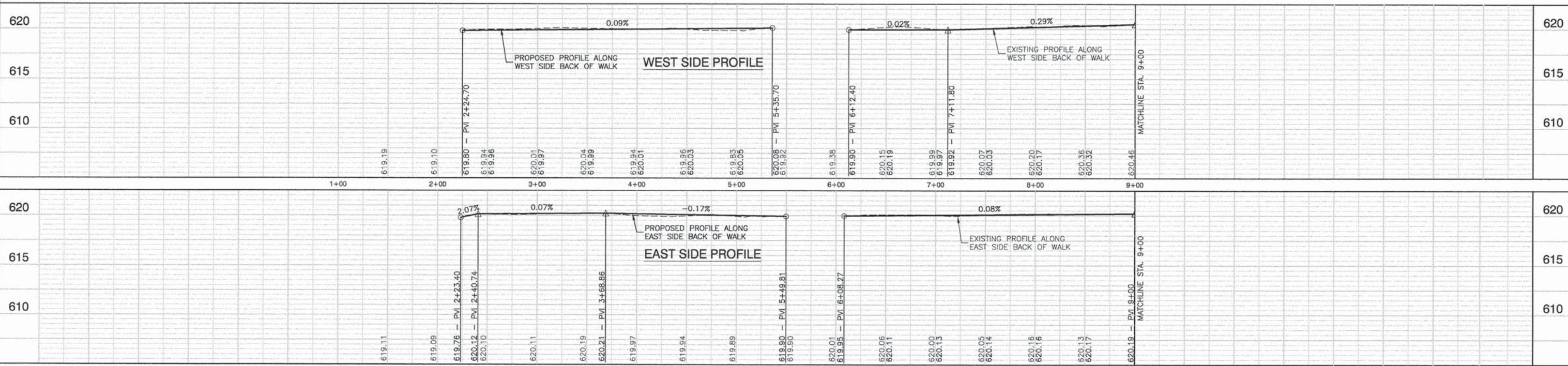
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	15-00032-00-SW	COOK	09	03
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C35	
SRTS-4009(325)				



LOCATION MAP
NOT TO SCALE



- LEGEND**
- CURB & GUTTER REMOVAL & REPLACEMENT
 - SIDEWALK REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PORTLAND CEMENT CONCRETE SIDEWALK, 5" (6" THROUGH DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B, 3"
 - DETECTABLE WARNINGS
 - HMA DRIVEWAY PAVEMENT
 - PCC DRIVEWAY PAVEMENT, 6"

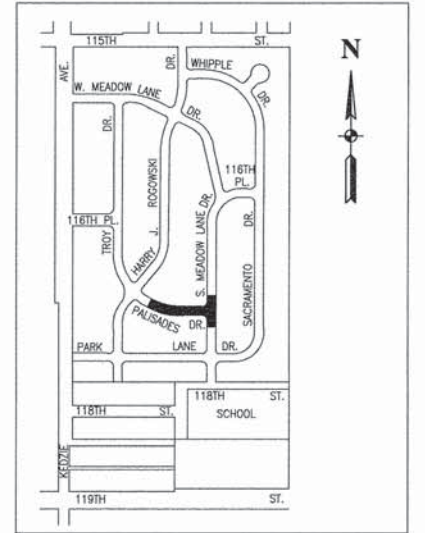
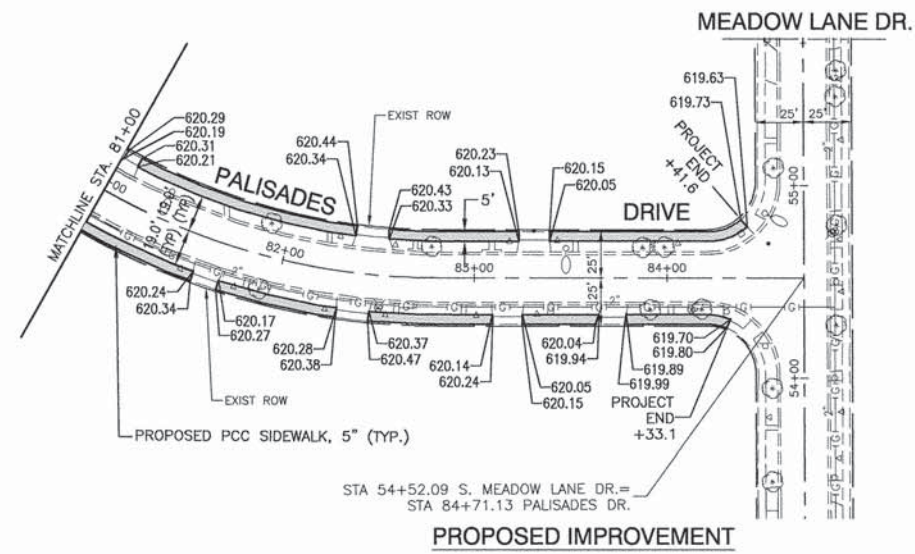
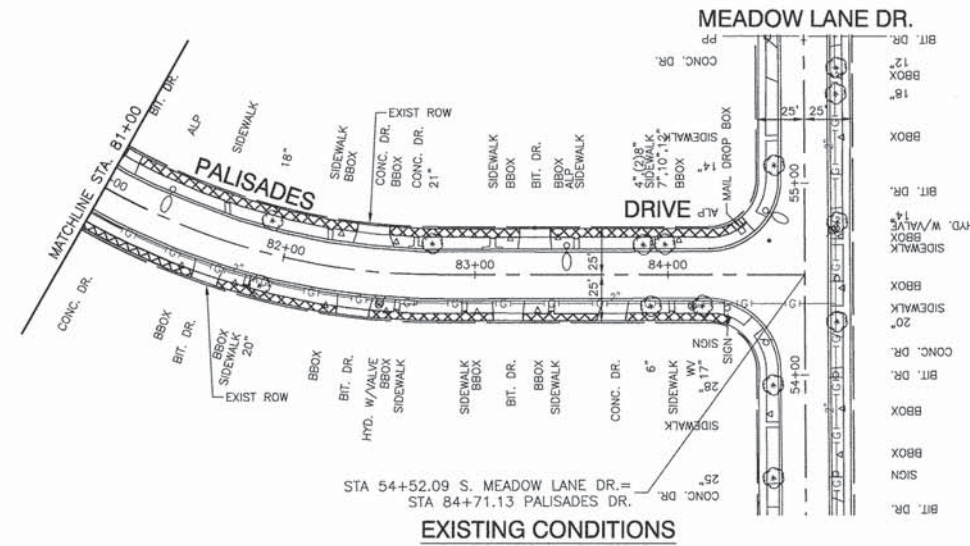


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PLAN	NO.	NOTE BOOK			

DATE	BY	PROFILER	GRADES	CHECKED	DATE
PROFILE					

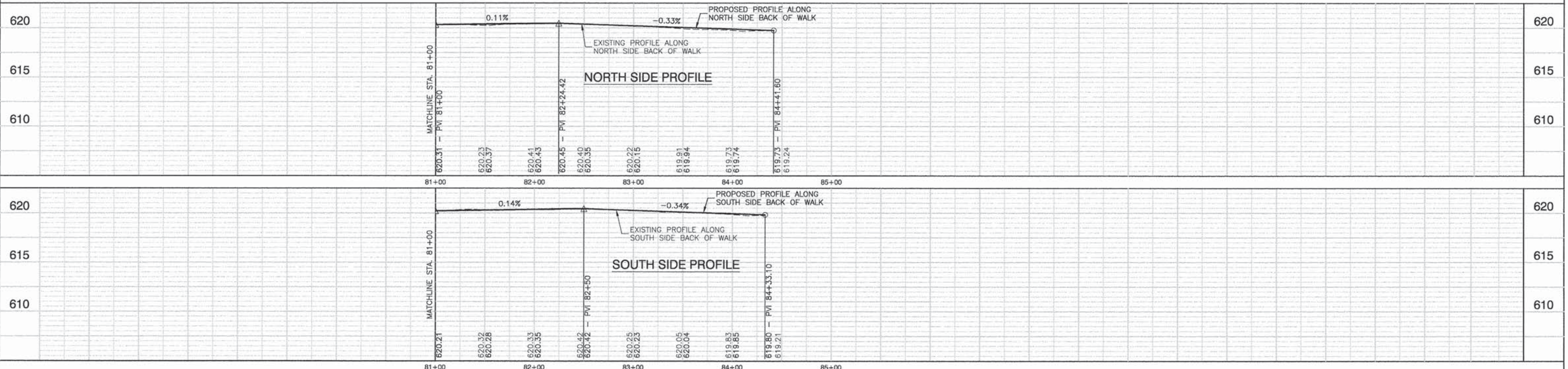
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PROFILE	SURVEYED	DATE
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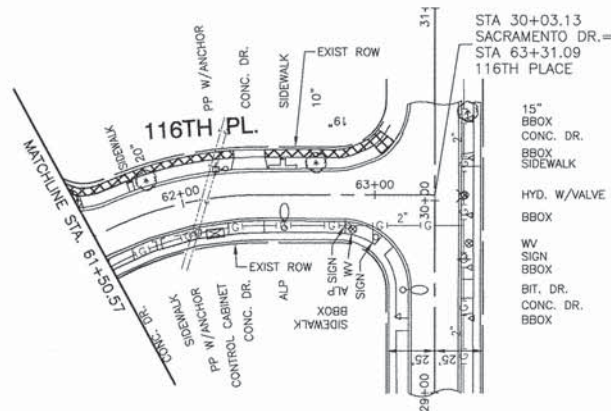


LEGEND

- CURB & GUTTER REMOVAL & REPLACEMENT
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK, 5" (6" THROUGH DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B, 3"
- DETECTABLE WARNINGS
- HMA DRIVEWAY PAVEMENT
- PCC DRIVEWAY PAVEMENT, 6"

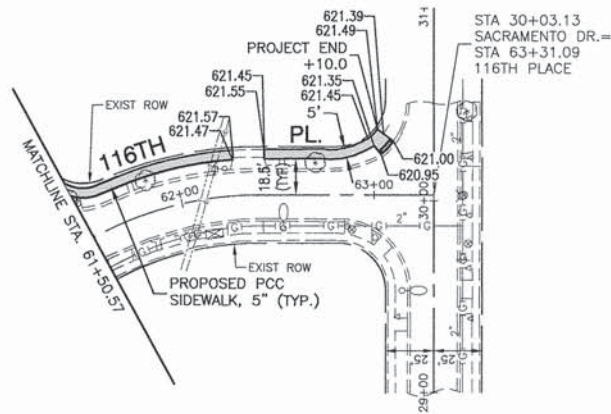


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	CHECKED - PBK	REVISED -					15-00032-00-SW	COOK	09	06		
	PLOT SCALE =	DRAWN - JJB	REVISED -			SCALE: H:1"=50' V:1"=5'	SHEET NO. 06 OF 09 SHEETS	STA. 81+00	TO STA. 84+41.60	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT SRTS-4009(325)
	PLOT DATE = 6-11-15	CHECKED - ACAD	REVISED -									



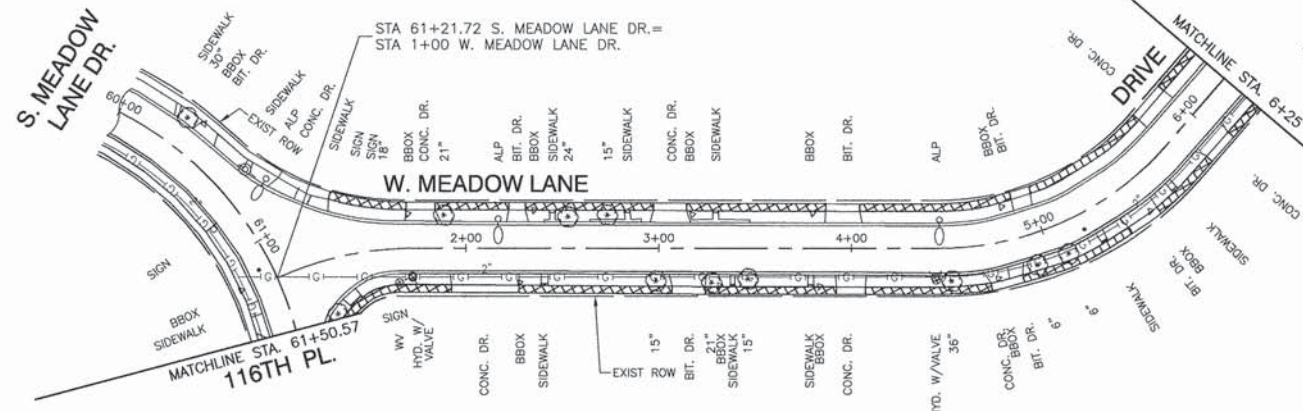
SACRAMENTO DR.

EXISTING CONDITIONS

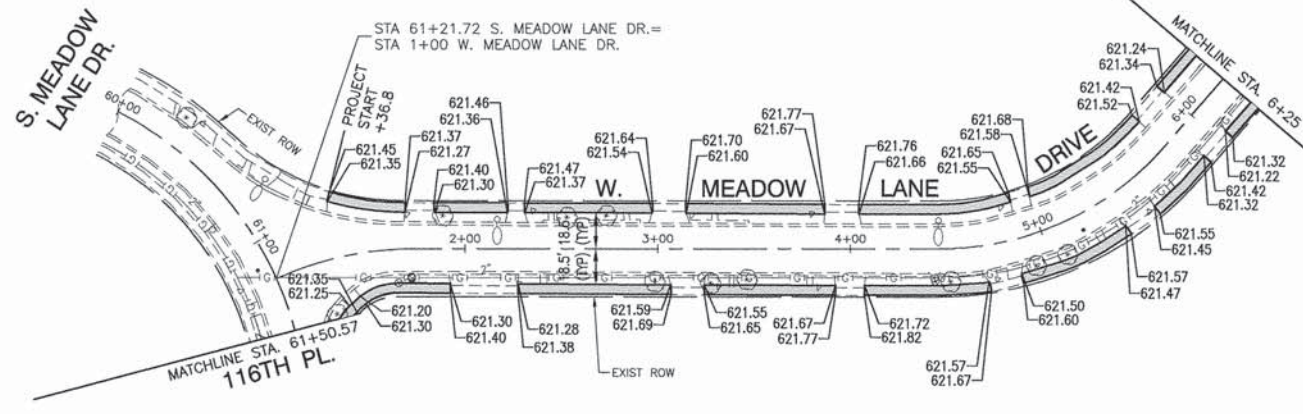


SACRAMENTO DR.

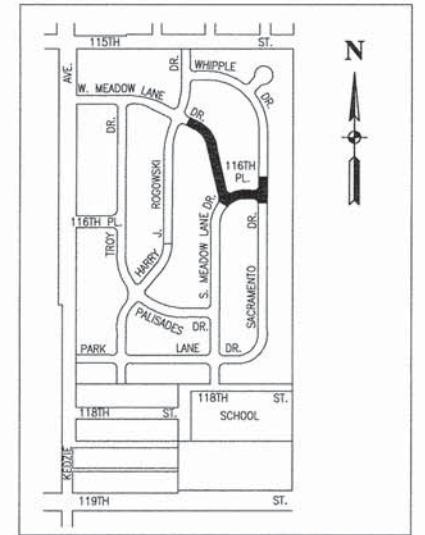
PROPOSED IMPROVEMENT



EXISTING CONDITIONS



PROPOSED IMPROVEMENT



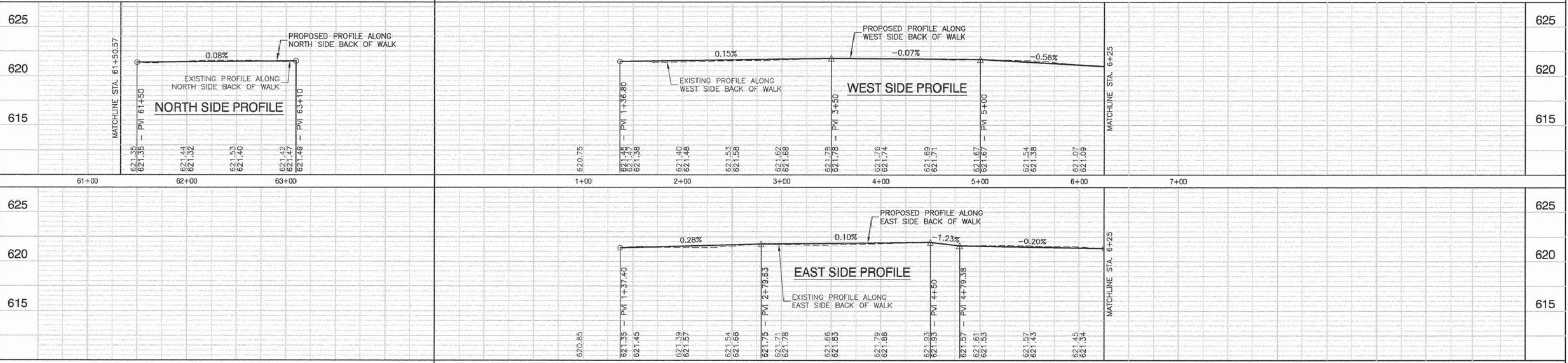
LOCATION MAP
NOT TO SCALE

LEGEND

- CURB & GUTTER REMOVAL & REPLACEMENT
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK, 5" (6" THROUGH DRIVEWAYS) AGGREGATE BASE COURSE, TYPE B, 3"
- DETECTABLE WARNINGS
- HMA DRIVEWAY PAVEMENT
- PCC DRIVEWAY PAVEMENT, 6"

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FILE NAME = 13674_01-PLR-01 - IDOT PP4	USER NAME =	DESIGNED -- TAG	REVISIONS --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK REPLACEMENT W. MEADOW LANE DRIVE & 116TH PLACE - PLAN & PROFILE VILLAGE OF MERRIONETTE PARK		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED -- PBK	REVISIONS --					15-00032-00-SW	COOK	09	07	
	PLOT DATE = 6-11-15	DRAWN -- JJB	REVISIONS --			SCALE: H:1"=50' V:1"=5'	SHEET NO. 07 OF 09 SHEETS	STA. 1+00	TO STA. 6+25	CONTRACT NO. 61C35		
		CHECKED -- ACAD	REVISIONS --						FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	SRTS 4009(325)

DATE	
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VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

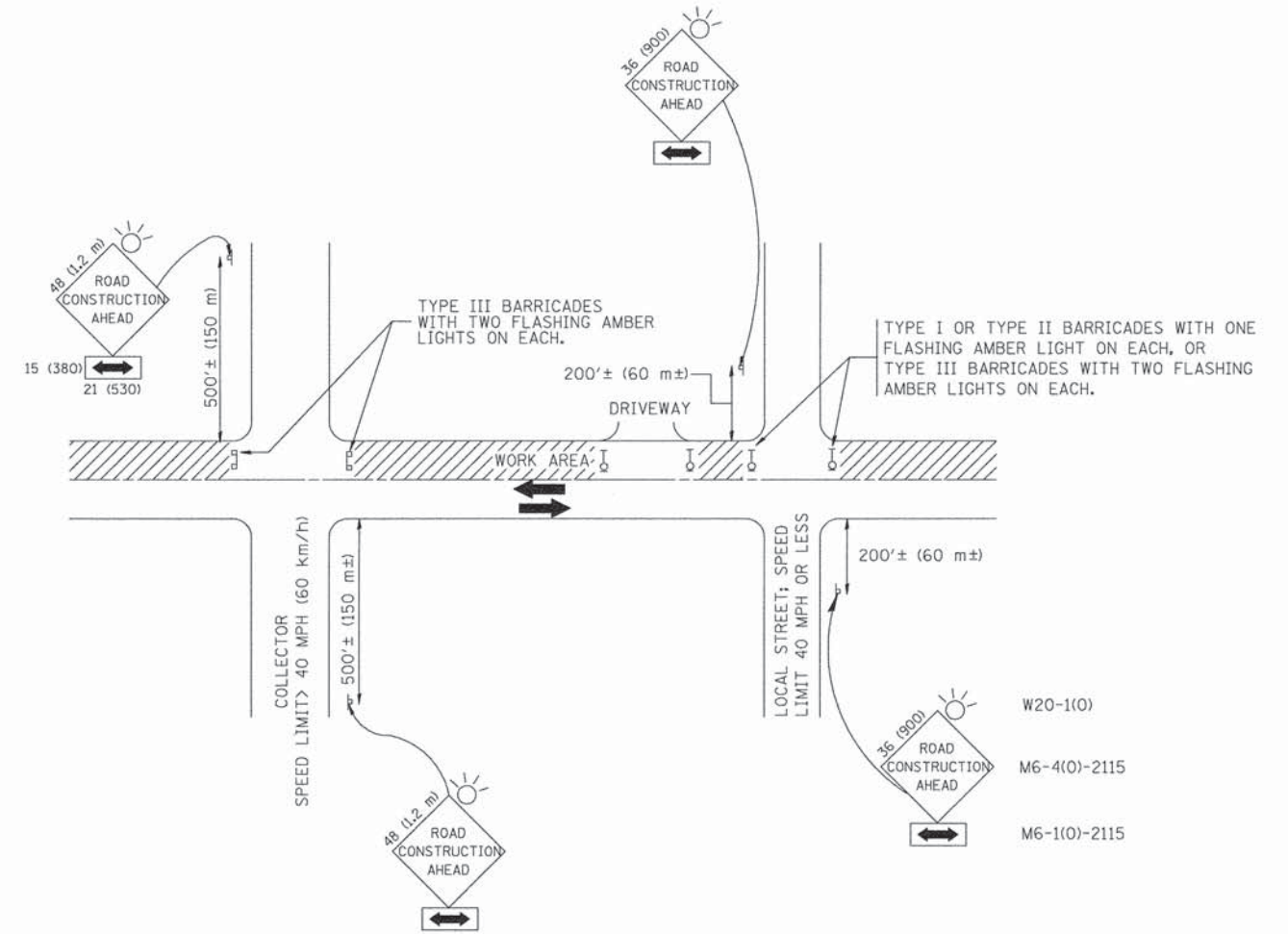
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = 13674_01-DTLS-01 P02	USER NAME =	DESIGNED -- TAG	REVISIONS --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK REPLACEMENT CONSTRUCTION DETAILS VILLAGE OF MERRIONETTE PARK	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	CHECKED -- PKB	REVISIONS --					15-00032-00-SW	COOK	09	08		
	PLOT SCALE = 1"=50'	DRAWN -- KWM	REVISIONS --			SCALE: N.T.S.	SHEET NO. 08 OF 09 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT SRTS-4009(325)
	PLOT DATE = 6-11-15	CHECKED -- AG	REVISIONS --									

DATE	BY	REVIEWED	PLANNED	ALIGNED	CHECKED	CHECKED	CHECKED
PLAN	NOTE BOOK NO.						

DATE	BY	SURVEYED	PLOTTED	GRADES	CHECKED	CHECKED	CHECKED
PROFILE	NOTE BOOK B.M. NOTED						



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = 13674_01-DTLS-01 P01	USER NAME =	DESIGNED -- TAG	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK REPLACEMENT CONSTRUCTION DETAILS VILLAGE OF MERRIONETTE PARK	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1"=50'	CHECKED -- PKB	REVISED --			-	15-00032-00-SW	COOK	09	09	
	PLOT DATE = 6-11-15	DRAWN -- KWM	REVISED --			CONTRACT NO. 61C35					
		CHECKED -- AG	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT SRTS-4009(325)					
						SCALE: N.T.S.	SHEET NO. 09 OF 09 SHEETS	STA.	TO STA.		