

INDEX OF SHEETS

SEE SHEET 2

INDEX OF DISTRICT 1 DETAILS

SEE SHEET 2

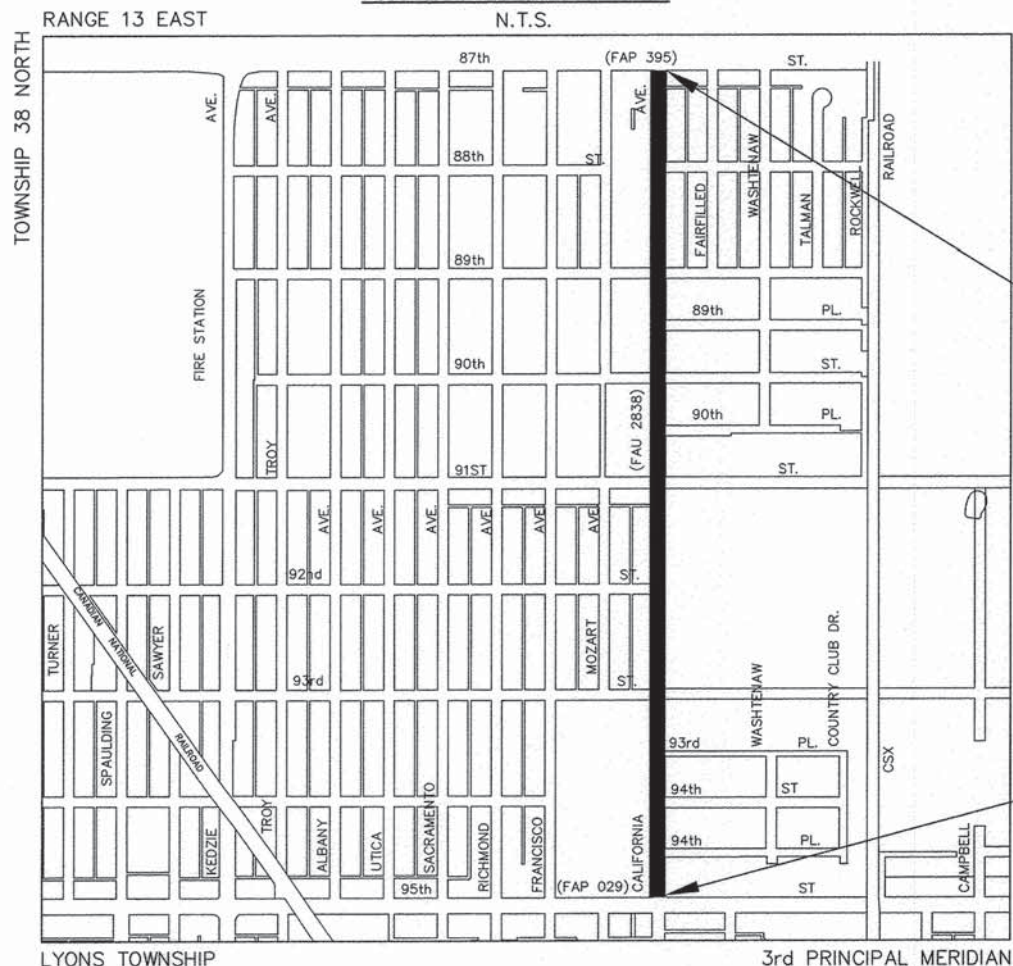
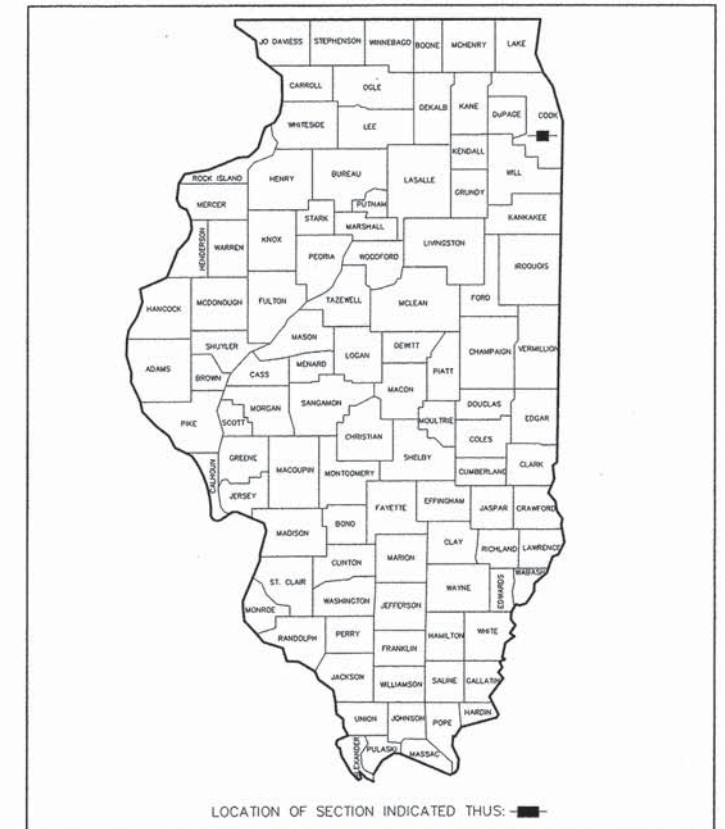
INDEX OF HIGHWAY STANDARDS

SEE SHEET 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
FAU 2838 (CALIFORNIA AVENUE)
FAP 029 (95th STREET) TO FAP 395 (87th STREET)
RESURFACING
SECTION 14-00092-00-RS
PROJECT M-4003(299)
VILLAGE OF EVERGREEN PARK
COOK COUNTY
C-91-255-14
PROJECT LOCATION MAP

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2838	14-00092-00-RS	COOK	25	1
F.H.W.A. REG.	ILLINOIS PROJECT	M-4003(299)		

CONTRACT NO. 61B13



FAU 2838
CALIFORNIA AVENUE
PROJECT ENDS
AT STA. 79+07

FAU 2838
CALIFORNIA AVENUE
PROJECT BEGINS
AT STA. 27+03

— DENOTES LOCATION OF IMPROVEMENT

LENGTH OF PROJECT

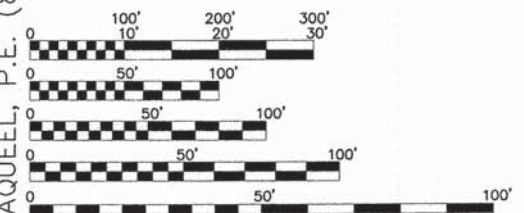
GROSS LENGTH OF PROJECT	5,204 FEET (0.99 MILES)
NET LENGTH OF PROJECT	5,204 FEET (0.99 MILES)

TRAFFIC DATA

ADT: CALIFORNIA AVENUE 4000 (4000)
POSTED SPEED
 20 MPH (EXISTING)
 20 MPH (PROPOSED)

DESIGN DESIGNATION

LOCAL
DESIGN SPEED
 20 MPH (EXISTING)
 20 MPH (PROPOSED)



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
 CALL 811

Know what's below.
 Call before you dig.

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 Municipal Consultants
 825 Midway Drive • Willowbrook, IL • 60527 • Telephone: (630) 887-8640 • Fax: (630) 887-0132
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000928

FNA PROJECT NO. 13029 DRAWN/DESIGNED JEP/THK CHECKED/APPROVED TPG/THK

R E V I S I O N S			
NO.	BY	DATE	DESCRIPTION
1	THK	12/17/14	IDOT
2	THK	12/18/14	IDOT

CONTRACT NO. 61B13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED 12/18 2014

VILLAGE OF EVERGREEN PARK James J. Sexton
 JAMES J. SEXTON, VILLAGE MAYOR

PASSED JANUARY 7, 2015 2014

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW

Timothy H. Klass
 DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

John Fortmann
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

Timothy H. Klass
 TIMOTHY H. KLASS, P.E.
 IL. P.E. NO. 062-046111
 EXPIRES 11-31-2015

12-18-14
 DATE

SEAL

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

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

**GENERAL CONSTRUCTION NOTES
PAVING AND STORM SEWERS**

SPECIFICATIONS

THE JAN 1, 2012 EDITIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" SHALL GOVERN ALL WORK ASSOCIATED WITH THIS PROJECT. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY GOVERN OTHER WORK ON THIS PROJECT AS INDICATED BY REFERENCE.

CARE IN EXCAVATION

CARE SHALL BE EXERCISED BY THE CONTRACTOR IN CARRYING OUT EARTH AND/OR TRENCHING OPERATIONS SO THAT LOCAL UTILITY SERVICES, WATER VALVES, MANHOLES, CATCH BASINS, INLETS, BUFFALO BOXES, AND OTHER STRUCTURES ARE NOT DAMAGED OR REMOVED. ANY DAMAGE DONE BY THE CONTRACTOR, WHETHER THE STRUCTURE OR SERVICE IS VISIBLE AT THE GROUND SURFACE OR NOT, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 105.07 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

NOTIFICATION OF PUBLIC UTILITIES

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OFFICIALS OF THE PUBLIC WORKS DEPARTMENT OF THE LOCAL MUNICIPALITY, J.U.L.I.E. AT 1-800-892-0123 OR 811, AND OTHER PUBLIC AND PRIVATE UTILITIES SO THAT ARRANGEMENTS CAN BE MADE TO LOCATE THEIR VARIOUS FACILITIES WITHIN THE LIMITS OF CONSTRUCTION UNDER THIS CONTRACT, AS WELL AS TO PROVIDE ADEQUATE PROTECTION AND INSPECTION THERETO. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES IN THE FIELD.

TRAFFIC CONTROL DEVICES

BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

PROTECTION OF SIGNS AND PROPERTY

ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF "MOBILIZATION", AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED AT NO ADDITIONAL COST IN ACCORDANCE WITH ARTICLES 107.20 AND 107.21 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

SUPERINTENDENCE

SPECIAL ATTENTION IS DRAWN TO ARTICLE 105.06 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WHICH REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVING CONTROL OF ALL THE WORK AS THE AGENT OF THE GENERAL CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.

SAWING EXISTING IMPROVEMENTS

ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABUT THE PROPOSED IMPROVEMENT AND MUST BE REMOVED, SHALL BE SAWED AS DIRECTED PRIOR TO REMOVAL. ALL ITEMS SO REMOVED SHALL BE REPLACED WITH SIMILAR CONSTRUCTION MATERIALS TO THEIR ORIGINAL CONDITION OR BETTER. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST FOR THE REMOVAL OF EACH ITEM, AND REPLACEMENT WILL BE PAID FOR UNDER THE RESPECTIVE ITEMS IN THE CONTRACT UNLESS OTHERWISE INDICATED. SAW CUTTING FOR PATCHES WILL BE INCLUDED IN THE COST OF THE PATCHING ITEM. EXISTING DRIVEWAY PAVEMENT AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAWCUT TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND THE EXISTING, AND SUCH COST SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WOODEN STAKES OR OTHER LAYOUT MATERIALS FOR LAYOUT OF THE LINES AND GRADES OF THE PROJECT. FAILURE TO PROVIDE STAKES IN A TIMELY MANNER WILL RESULT IN A DELAY IN STAKEOUT WHICH WILL BE APPLICABLE AGAINST THE TIME LIMIT FOR COMPLETION SHOWN IN THE PROJECT SPECIFICATIONS. LINE AND GRADE WILL BE ESTABLISHED BY THE ENGINEER AT REGULAR INTERVALS ON PERMANENTLY PAVED SURFACES, SIDEWALKS OR STAKES AT THE ENGINEER'S OPTION, ALL WITHIN THE PUBLIC RIGHT-OF-WAY AND SHALL BE TRANSFERRED BY THE CONTRACTOR TO THE ACTUAL LINE OF CONSTRUCTION.

PROJECT SAFETY

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE CONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS. THE CONTRACTOR, ENGINEER, AND OWNER SHALL EACH BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.

THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS, OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE DOCUMENTS AND SPECIFICATIONS.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

MISCELLANEOUS

ALL PATCHING ON THE HOT-MIX ASPHALT PORTAINS OF THIS PROJECT WILL BE MARKED OUT AND CONSTRUCTED AFTER MILLING. A PROOF ROLL WILL BE REQUIRED PRIOR TO PATCHING

SIDEWALKS SHALL BE INCREASED TO 7" THICKNESS AT ALL DRIVEWAYS.

PROTECTIVE COAT SHALL BE USED ON ALL PORTLAND CEMENT CONCRETE SURFACE IN ACCORDANCE WITH ARTICLES 420.21, 420.22, AND 420.23 OF THE STANDARD SPECIFICATIONS.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

INDEX OF SHEETS

- 1.) COVER SHEET: LOCATION MAP
- 2.) GENERAL CONSTRUCTION NOTES, INDEX OF SHEETS, INDEX OF DISTRICT 1 DETAILS, INDEX OF HIGHWAY STANDARDS
- 3.) SUMMARY OF QUANTITIES
- 4.) TYPICAL ALLEY RETURN DETAIL, TYPICAL HOT-MIX ASPHALT DRIVEWAY DETAIL
- 5.) TYPICAL SECTIONS, HOT-MIX ASPHALT MIXTURE REQUIREMENTS
- 6.-12.) PLAN: CALIFORNIA AVENUE (RESURFACING)
- 13.-14.) PLAN: CALIFORNIA AVENUE (TEMPORARY PAVEMENT MARKING)
- 15.-16.) PLAN: CALIFORNIA AVENUE (PAVEMENT MARKING)

INDEX OF DISTRICT 1 DETAILS

- 17.) BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENTS WITH MILLING
- 18.) BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- 19.) BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- 20.) BD-32 BUTT JOINT AND HMA TAPER DETAILS
- 21.) TC-10 TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS
- 22.) TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- 23.) TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- 24.) TS-05 STANDARD TRAFFIC SIGNAL DESIGN DETAILS
- 25.) TS-07 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

INDEX OF HIGHWAY STANDARDS

- | | |
|-----------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 606001-06 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY |
| 701427-03 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING ≤ 40 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2 L, 2 W UNDIVIDED |
| 701701-09 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-05 | LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 701901-04 | TRAFFIC CONTROL DEVICES |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |


FILE NAME = VILLAGE OF EVERGREEN PARK
FAU 2838 (CALIFORNIA AVENUE)
FAP 029 (95th STREET) TO FAP 395 (87th STREET)
#13029 RESURFACING

USER NAME =	DESIGNED -- THK	REVISED -- 12/17/14
	DRAWN -- JEP	REVISED -- 12/18/14
PLOT SCALE =	CHECKED -- TPG	REVISED --
PLOT DATE =	DATE -- 10/17/14	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL CONSTRUCTION NOTES, INDEX OF SHEETS,
INDEX OF DISTRICT 1 DETAILS, INDEX OF HIGHWAY STANDARDS**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.



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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-00068

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	2
CONTRACT NO. 61B13				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)				

Specialty Item	Special Provision	Code No	Item	Unit	Total Quantity	Construction Code Type 0005
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	19	19
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	19	19
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	19	19
		25200110	SODDING, SALT TOLERANT	SQ YD	2393	2393
		25200200	SUPPLEMENTAL WATERING	UNIT	58	58
		31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	981	981
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1146	1146
		35501287	HOT-MIX ASPHALT BASE COURSE, 2 1/4"	SQ YD	960	960
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10308	10308
		40600625	LEVELING BINDER (MACHINE METHOD), N70	TON	1275	1275
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	280	280
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2650	2650
		42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	26	26
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	611	611
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	325	325
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	27785	27785
		42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	405	405
		42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	268	268
		42400800	DETECTABLE WARNINGS	SQ FT	620	620
		44000100	PAVEMENT REMOVAL	SQ YD	53	53
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1817	1817
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6378	6378
		44000600	SIDEWALK REMOVAL	SQ FT	11172	11172
		44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	843	843
		44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	22904	22904
	SP	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	1	1
		60250200	CATCH BASINS TO BE ADJUSTED	EACH	15	15
		60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1
		60255500	MANHOLES TO BE ADJUSTED	EACH	4	4
		60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1
		60260100	INLETS TO BE ADJUSTED	EACH	12	12

Specialty Item	Special Provision	Code No	Item	Unit	Total Quantity	Construction Code Type 0005
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5	5
		60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1	1
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2
		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	8	8
		60500060	REMOVING INLETS	EACH	1	1
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	6466	6466
		67100100	MOBILIZATION	L SUM	1	1
		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	700	700
		70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	156	156
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3807	3807
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	233	233
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156	156
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8780	8780
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	648	648
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1542	1542
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	544	544
*	SP	88600600	DETECTOR LOOP REPLACEMENT	FOOT	459	459
		X2111100	TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL	CU YD	133	133
		X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	22538	22538
		X6022705	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SALVAGED FRAME & GRATE	EACH	2	2
		X6023502	INLETS, TYPE A, WITH SALVAGED FRAME & GRATE	EACH	4	4
	SP	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	57	57
*	SP	X8140115	HANDHOLE TO BE ADJUSTED	EACH	3	3


FILE NAME - VILLAGE OF EVERGREEN PARK
FAU 2838 (CALIFORNIA AVENUE)
 FAP 029 (95th STREET) TO FAP 395 (67th STREET)
RESURFACING
 #13029

USER NAME -	DESIGNED - THK	REVISED - 12/17/14
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PLOT SCALE -	CHECKED - TPG	REVISED -
PLOT DATE -	DATE - 10/17/14	REVISED -

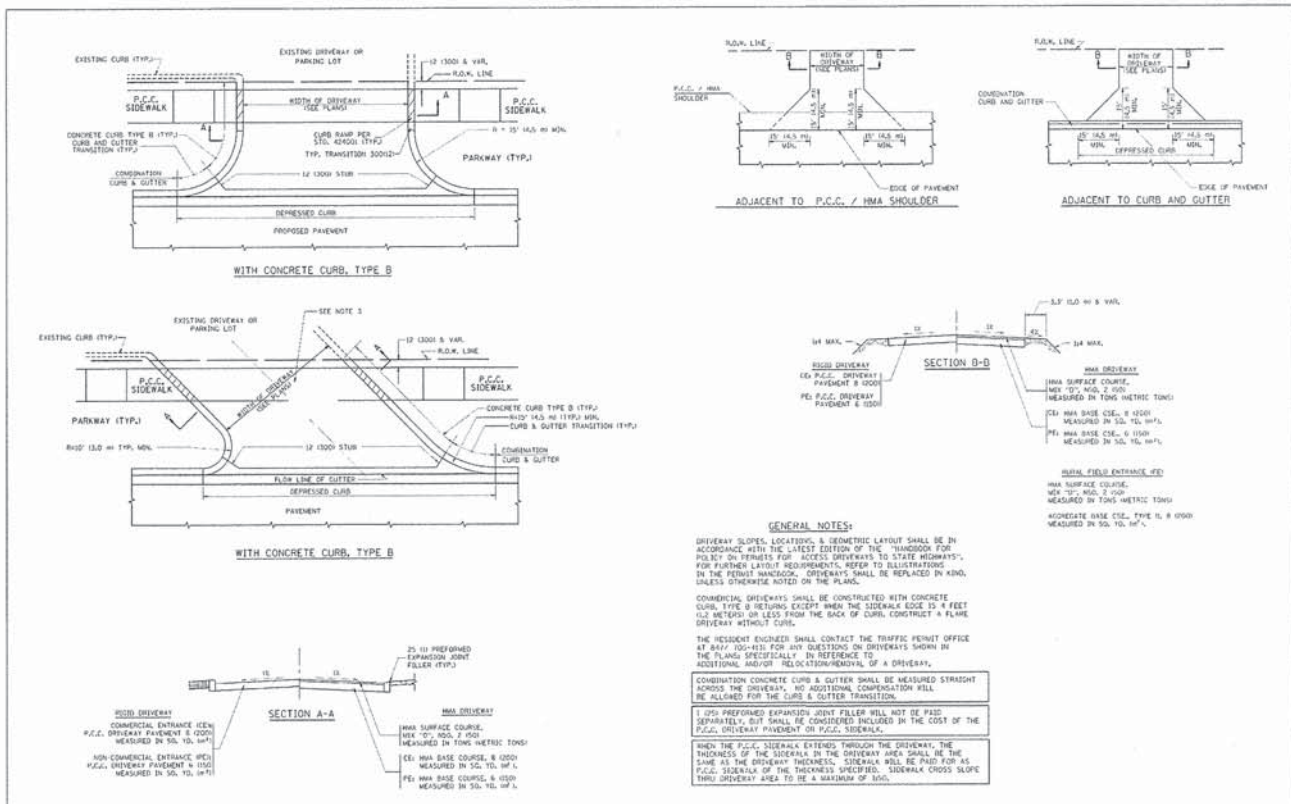
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

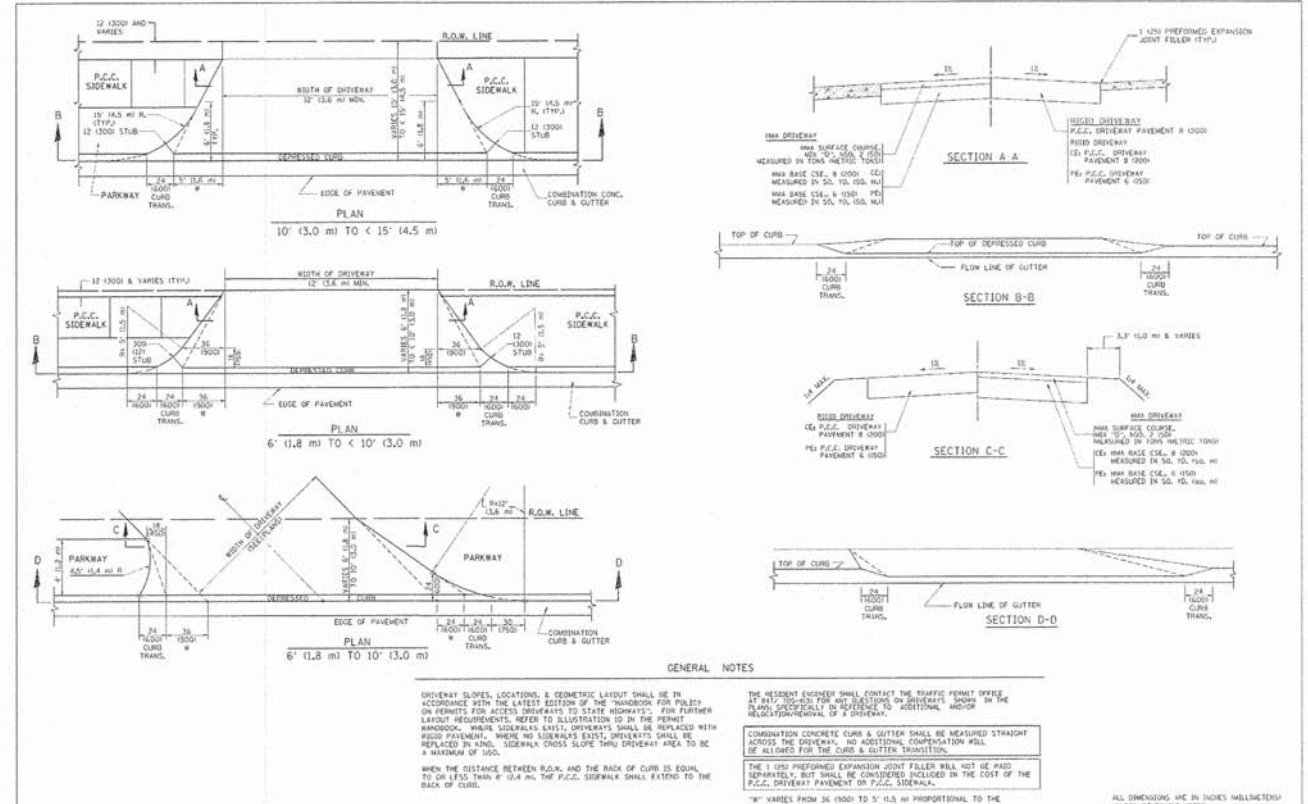
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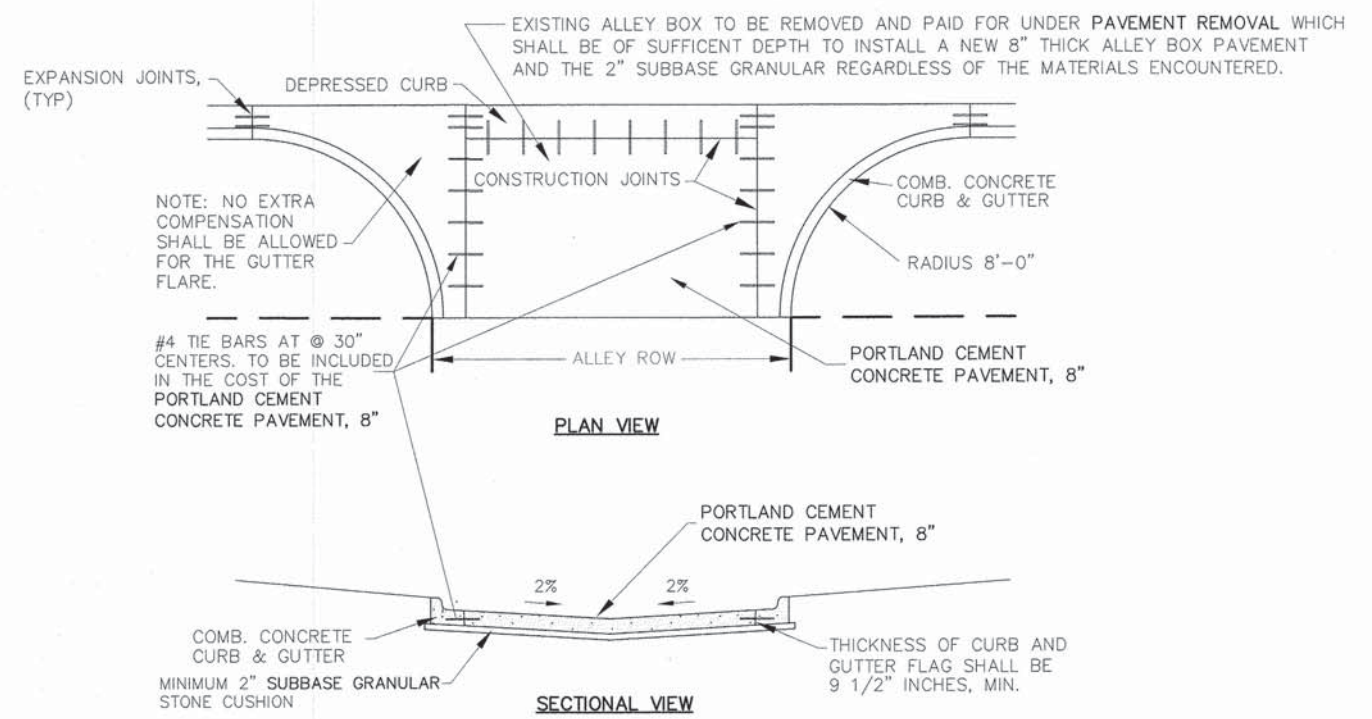
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2838	14-00092-00-RS	COOK	25	3
CONTRACT NO. 61B13				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)				



DESIGNED - A. SHAW	REVISION - A. LAFLEUR 04/10/13	STATE OF ILLINOIS	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 M)
DRAWN - JEP	REVISION - B. BOND 01/21/17	DEPARTMENT OF TRANSPORTATION	SECTION - 800-352-7273
CHECKED - TPG	REVISION - A. BOND 04/10/13		CONTRACT NO. -
DATE - 10/17/14	REVISION - A. BOND 04/10/13		SHEET NO. 1 OF 1 SHEETS 1 STA. TO STA.



DESIGNED - A. SHAW	REVISION - A. LAFLEUR 04/10/13	STATE OF ILLINOIS	DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 M)
DRAWN - JEP	REVISION - B. BOND 01/21/17	DEPARTMENT OF TRANSPORTATION	SECTION - 800-352-7273
CHECKED - TPG	REVISION - A. BOND 04/10/13		CONTRACT NO. -
DATE - 10/17/14	REVISION - A. BOND 04/10/13		SHEET NO. 1 OF 1 SHEETS 1 STA. TO STA.



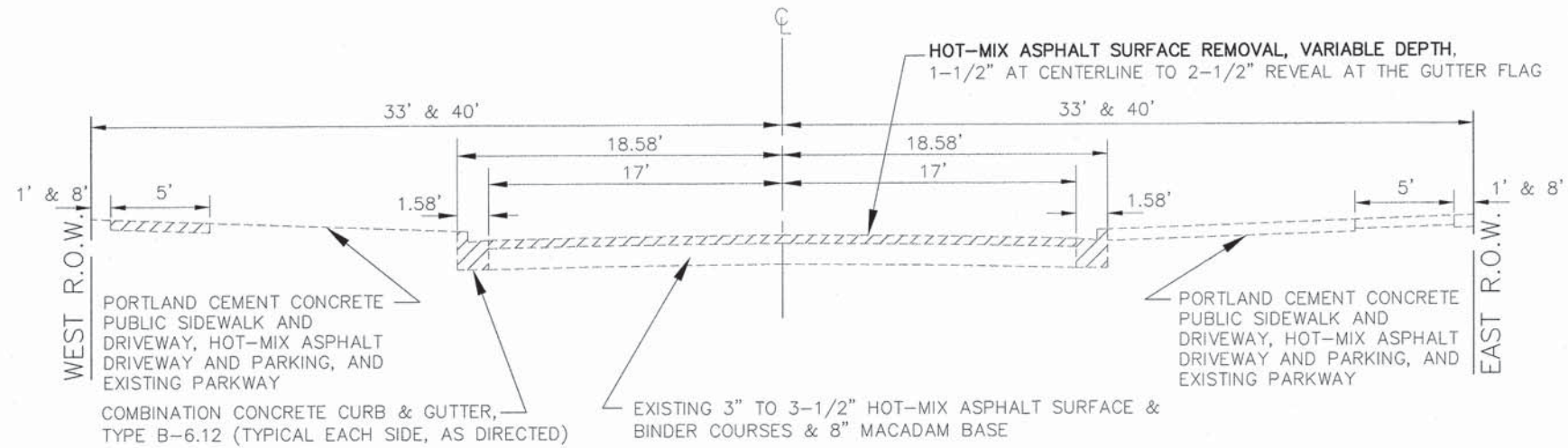
FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) RESURFACING	USER NAME =	DESIGNED - THK	REVISION - 12/17/14
	PLOT SCALE =	DRAWN - JEP	REVISION -
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		DATE - 10/17/14	REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

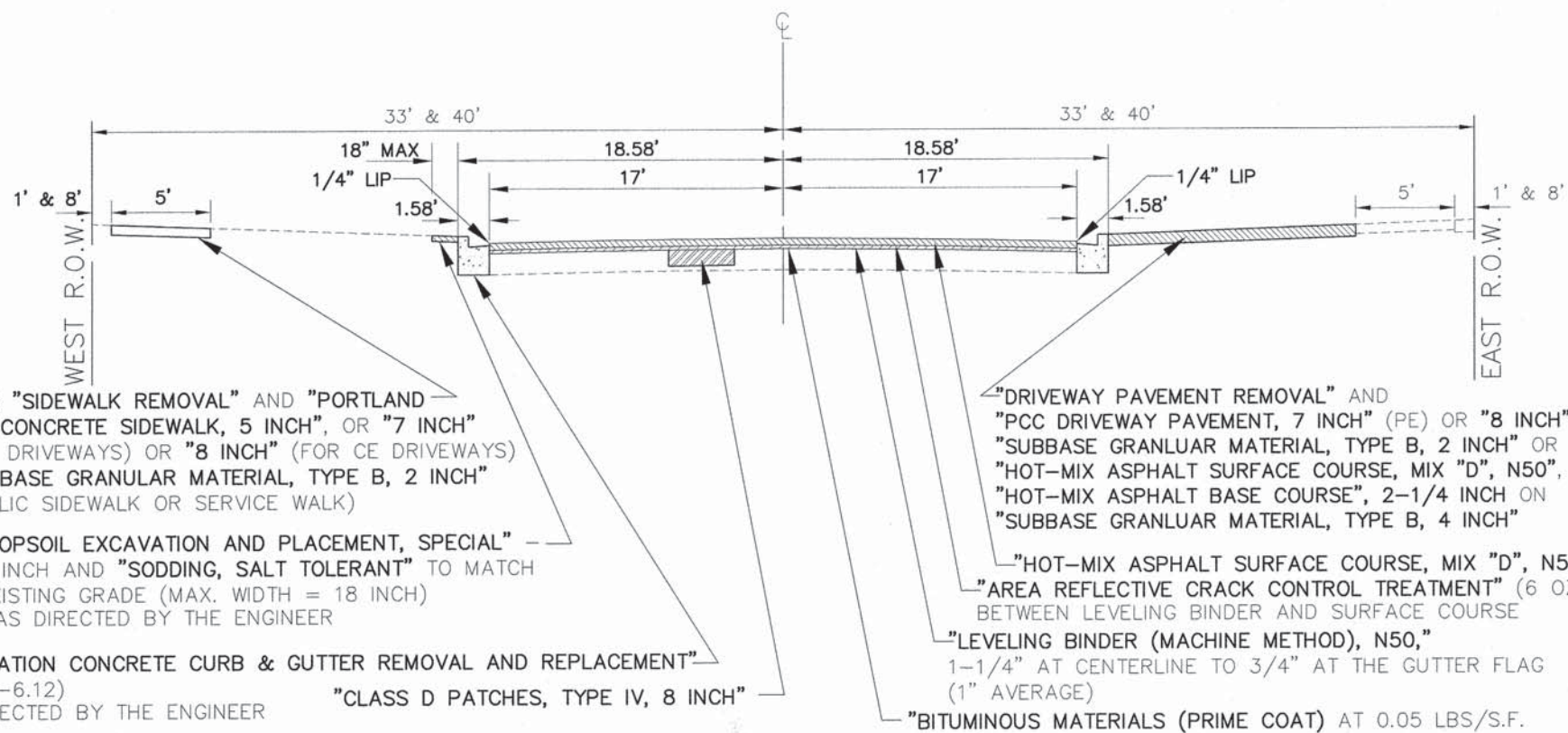
TYPICAL ALLEY RETURN DETAIL, TYPICAL HOT-MIX ASPHALT DRIVEWAY DETAIL			
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	

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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000228

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	4
CONTRACT NO. 61B13				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	M-4003(299)		



EXISTING TYPICAL SECTION
STA. 27+03 TO STA. 79+02, CALIFORNIA AVENUE



PROPOSED TYPICAL SECTION
STA. 27+03 TO STA. 79+02, CALIFORNIA AVENUE

DENOTES "SIDEWALK REMOVAL" AND "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH", OR "7 INCH" (FOR PE DRIVEWAYS) OR "8 INCH" (FOR CE DRIVEWAYS) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH" (AS PUBLIC SIDEWALK OR SERVICE WALK)

"TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL" 2 INCH AND "SODDING, SALT TOLERANT" TO MATCH EXISTING GRADE (MAX. WIDTH = 18 INCH) -AS DIRECTED BY THE ENGINEER

"COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT" (TYPE B-6.12) -AS DIRECTED BY THE ENGINEER

"CLASS D PATCHES, TYPE IV, 8 INCH"

"HOT-MIX ASPHALT SURFACE COURSE, MIX \"D\", N50\", 2 INCH

"AREA REFLECTIVE CRACK CONTROL TREATMENT" (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE

"LEVELING BINDER (MACHINE METHOD), N50\", 1-1/4\"/>

"BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS/S.F.

PE - PRIVATE ENTRANCE
CE - COMMERCIAL ENTRANCE

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
ROADWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 2"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50, (IL-9.5mm) 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE)	3.5% @ 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, 2-1/4", (HMA BINDER IL-19 mm)	
PATCHING - CLASS D PATCHES, TYPE II-IV, 8"	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (IL-19 mm), 8" PER 406.06(d) THE HMA SHALL BE PLACED IN TWO OR MORE LIFTS WITH THE MINIMUM COMPACTED LIFT THICKNESS TO BE 2-1/4"	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

"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"

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS

IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

Frank Novotny & Associates, Inc.
Civil Engineer
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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000228

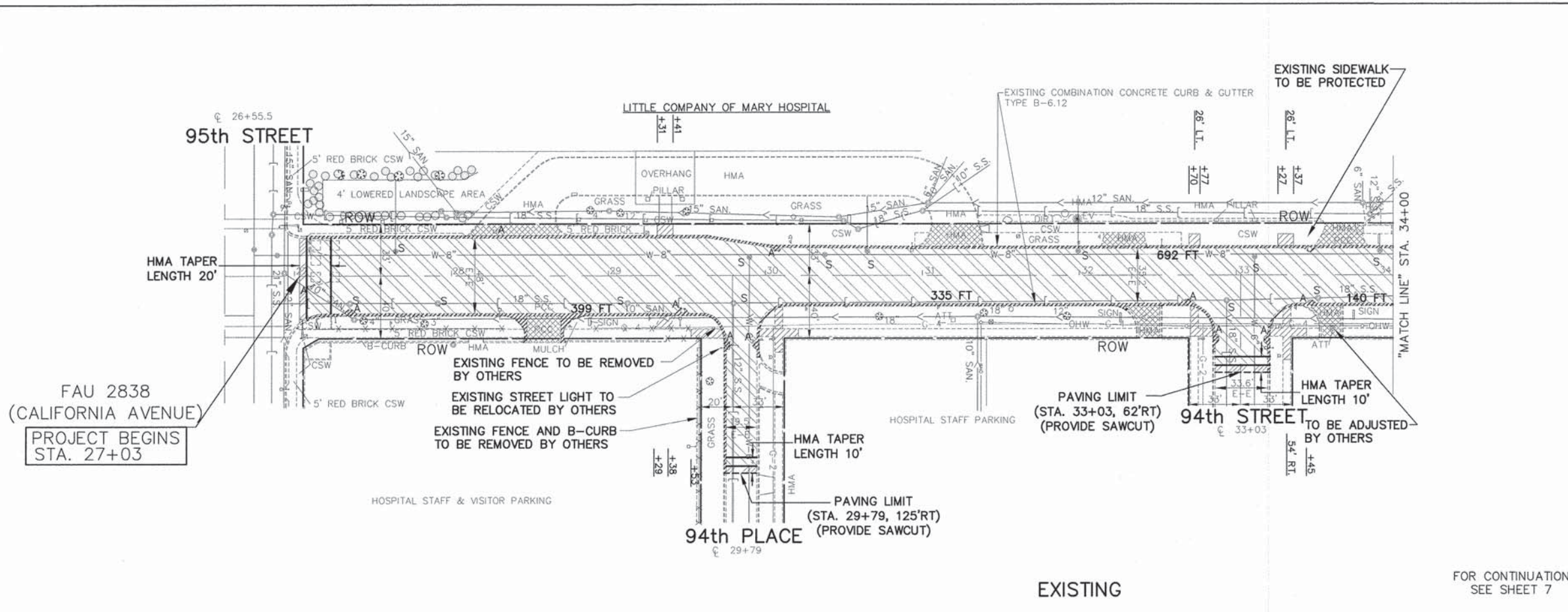
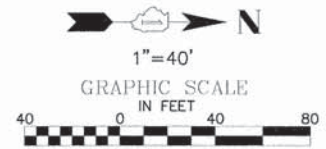
FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) RESURFACING #13029	USER NAME =	DESIGNED - THK DRAWN - JEP CHECKED - TPG DATE - 10/17/14	REVISED - 12/17/14 REVISED - REVISED - REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

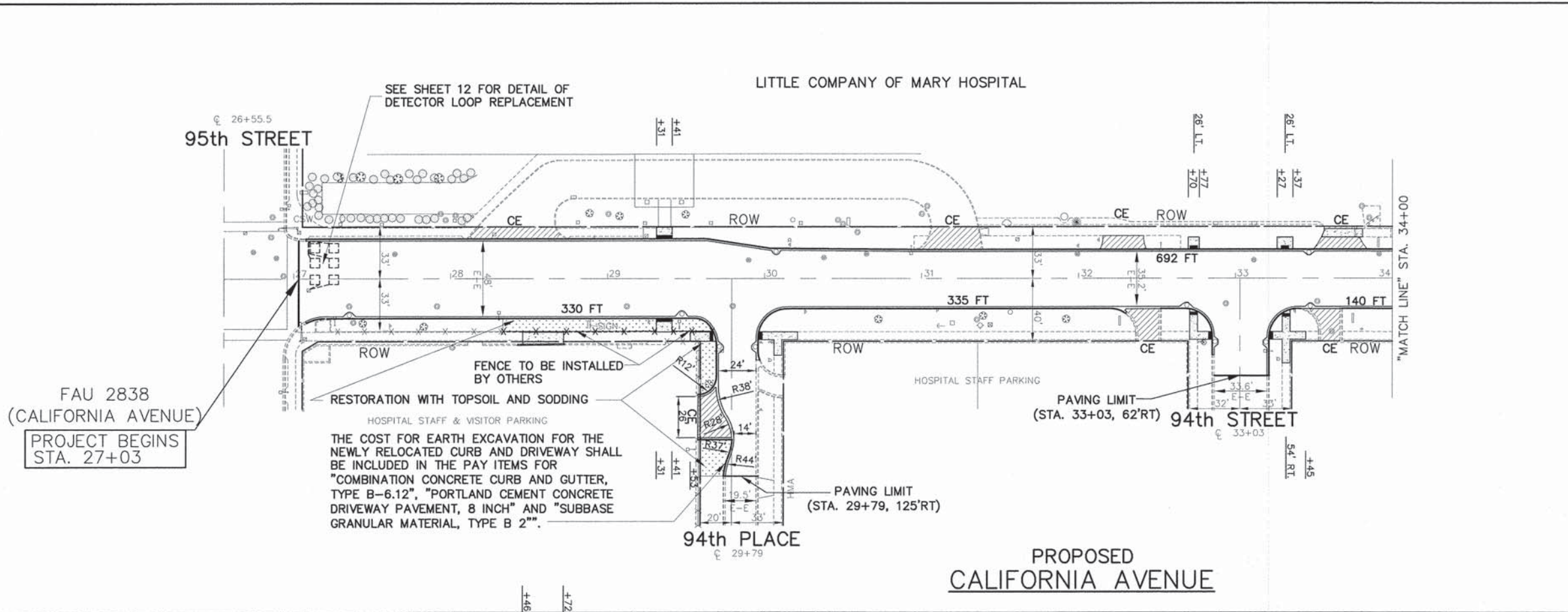
SCALE: 1"=5' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-0092-00-RS	COOK	25	5
CONTRACT NO. 61B13				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)				



- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1-1/2" AT CENTERLINE TO 2-1/2" REVEAL AT THE GUTTER FLAG
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES CLASS D PATCHES, TYPE IV, 8 INCH, - AS DIRECTED
 - DENOTES SIDEWALK REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING CATCH BASINS, HANDHOLES, AND MANHOLES TO BE ADJUSTED
 - "S"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
 - "OL"** DENOTES NEW FRAMES AND LIDS, TYPE I, OPEN LID
 - "CL"** DENOTES NEW FRAMES AND LIDS, TYPE I, CLOSED LID
 - "R"** DENOTES EXISTING VALVE VAULTS AND MANHOLES TO BE RECONSTRUCTED.
 - DENOTES ALLEY RETURN TO BE REMOVED WITH PAVEMENT REMOVAL
 - DENOTES SAWCUT OF EXISTING PAVEMENT

FOR CONTINUATION
SEE SHEET 7



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH AND AREA REFLECTIVE CRACK CONTROL TREATMENT (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE AND LEVELING BINDER (MACHINE METHOD), N50, 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE) AND BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS/S.F.
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (PE) OR 8 INCH (CE) ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH OR 7 INCH (FOR PE DRIVEWAYS) OR 8 INCH (FOR CE DRIVEWAYS) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARD FOR HANDICAP RAMPS (WHERE APPLICABLE) SEE CONSTRUCTION HIGHWAY STANDARDS
 - DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - PE** DENOTES PRIVATE ENTRANCE
 - CE** DENOTES COMMERCIAL ENTRANCE
 - DENOTES ALLEY RETURN TO BE REPLACED WITH PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FOR TYPICAL SECTIONS OF NEW PAVEMENT WORK SEE SHEET 4

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

Frank Novotny & Associates, Inc.
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Civil Engineer/Professional Consultant ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000298

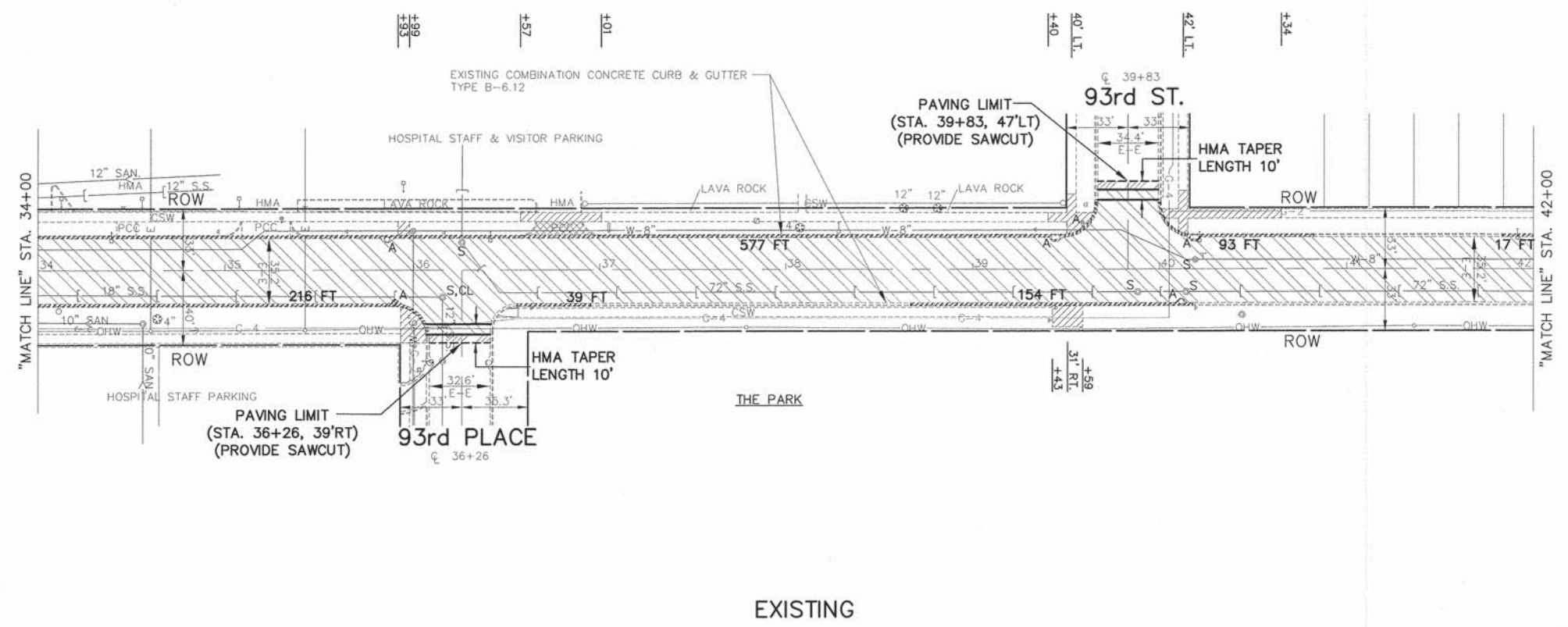
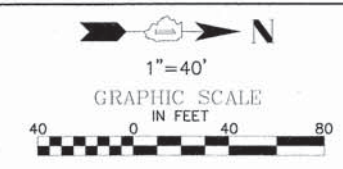
FILE NAME = VILLAGE OF EVERGREEN PARK
FAU 2838 (CALIFORNIA AVENUE)
FAP 029 (95th STREET) TO FAP 395 (87th STREET)
RESURFACING
#13029

USER NAME =	DESIGNED = THK	REVISED = 12/17/14
PLOT SCALE =	DRAWN = JEP	REVISED =
PLOT DATE =	CHECKED = TPG	REVISED =
	DATE = 10/17/14	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 2838 (CALIFORNIA AVENUE) -
FAP 029 (95th STREET) TO STA. 34+00
(RESURFACING)
SCALE: 1"=40' SHEET NO. OF SHEETS STA. 27+03 TO STA. 34+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	6
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			M-4003(299)	

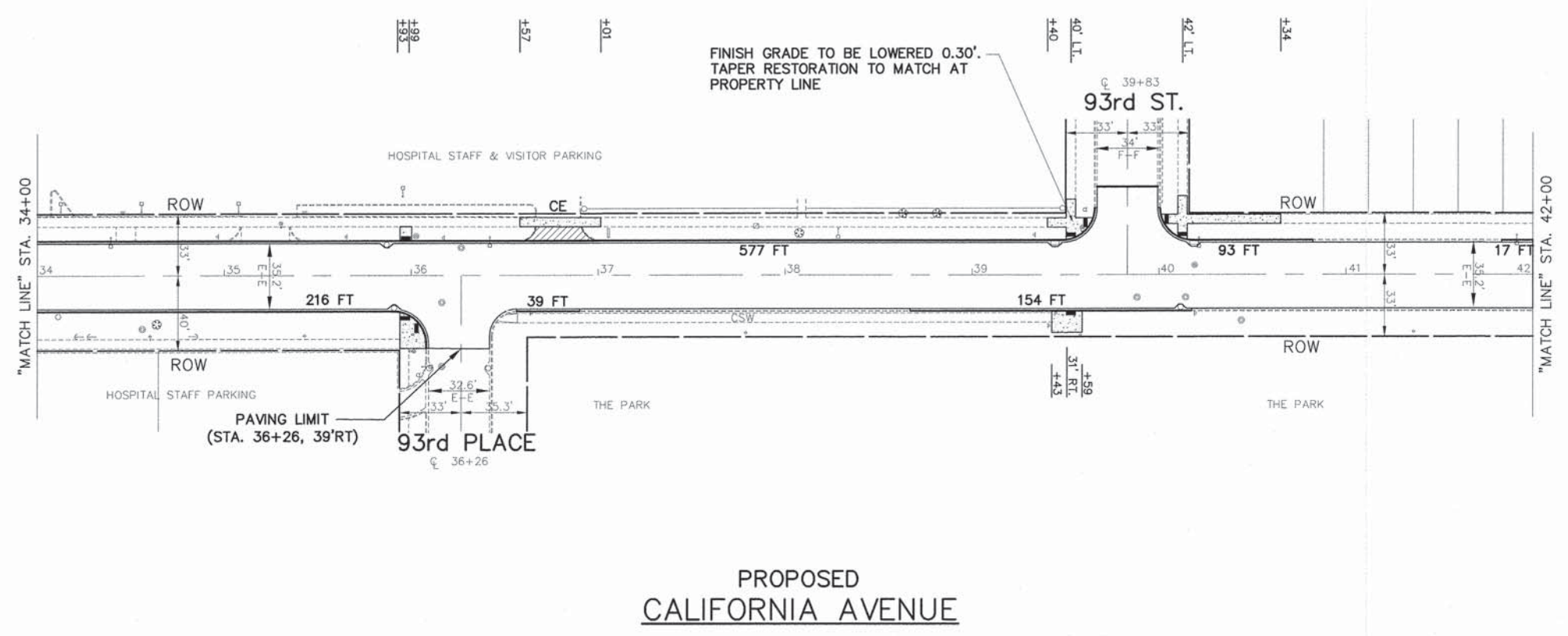


- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1-1/2" AT CENTERLINE TO 2-1/2" REVEAL AT THE GUTTER FLAG
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES CLASS D PATCHES, TYPE IV, 8 INCH. - AS DIRECTED
 - DENOTES SIDEWALK REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING CATCH BASINS, HANDHOLES, AND MANHOLES TO BE ADJUSTED
 - "S"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
 - "OL"** DENOTES NEW FRAMES AND LIDS, TYPE I, OPEN LID
 - "CL"** DENOTES NEW FRAMES AND LIDS, TYPE I, CLOSED LID
 - "R"** DENOTES EXISTING VALVE VAULTS AND MANHOLES TO BE RECONSTRUCTED.
 - DENOTES ALLEY RETURN TO BE REMOVED WITH PAVEMENT REMOVAL
 - DENOTES SAWCUT OF EXISTING PAVEMENT

FOR CONTINUATION
SEE SHEET 6

FOR CONTINUATION
SEE SHEET 8

EXISTING



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH AND AREA REFLECTIVE CRACK CONTROL TREATMENT (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE AND LEVELING BINDER (MACHINE METHOD), N50, 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE) AND BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS/S.F.
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (PE) OR 8 INCH (CE) ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH ON HOT-MIX ASPHALT BASE COURSE, 2-1/4 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH OR 7 INCH (FOR PE DRIVEWAYS) OR 8 INCH (FOR CE DRIVEWAYS) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARD FOR HANDICAP RAMPS (WHERE APPLICABLE) SEE CONSTRUCTION HIGHWAY STANDARDS
 - DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - PE** DENOTES PRIVATE ENTRANCE
 - CE** DENOTES COMMERCIAL ENTRANCE
 - DENOTES ALLEY RETURN TO BE REPLACED WITH PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

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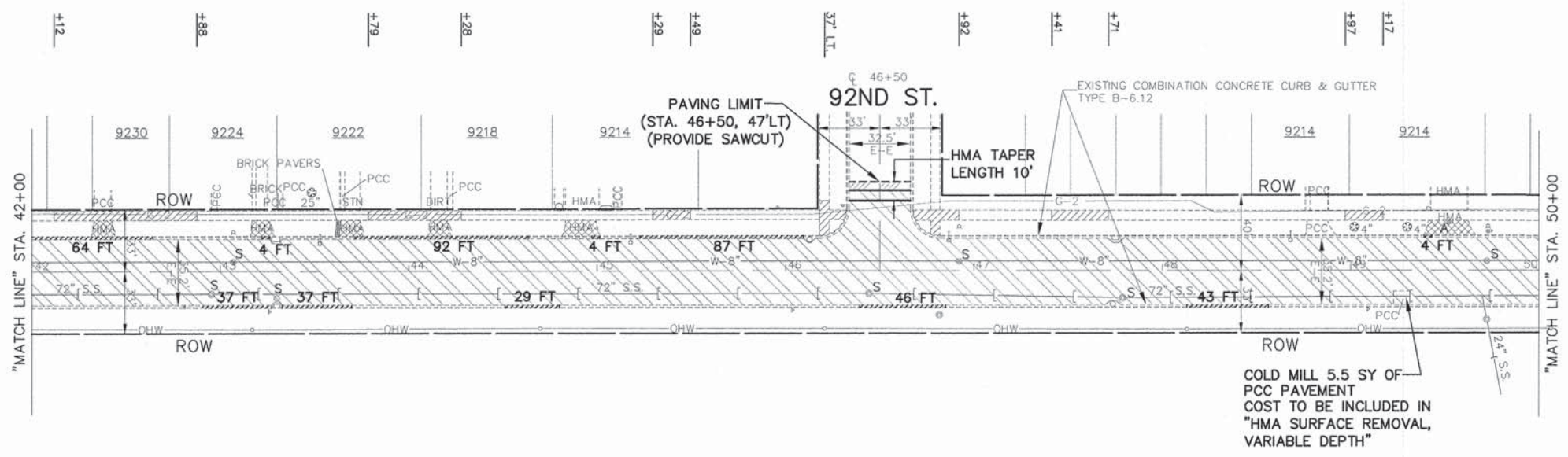
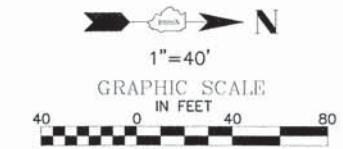
Frank Novotny & Associates, Inc.
825 Midway Drive • Willowbrook, IL • 60527 • Telephone: (630) 887-8640 • Fax: (630) 887-0139
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 194-000828

FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) #13029 RESURFACING	USER NAME =	DESIGNED -- THK	REVISED -- 12/17/14
PLOT SCALE =	DRAWN -- JEP	CHECKED -- TPG	REVISED --
PLOT DATE =	DATE -- 10/17/14	REVISED --	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN: FAU 2838 (CALIFORNIA AVENUE) -
STA. 34+00 TO STA. 42+00
(RESURFACING)**
SCALE: 1"=40' SHEET NO. OF SHEETS STA. 34+00 TO STA. 42+00

F.A.U. NO. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 7
CONTRACT NO. 61B1.3			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)	

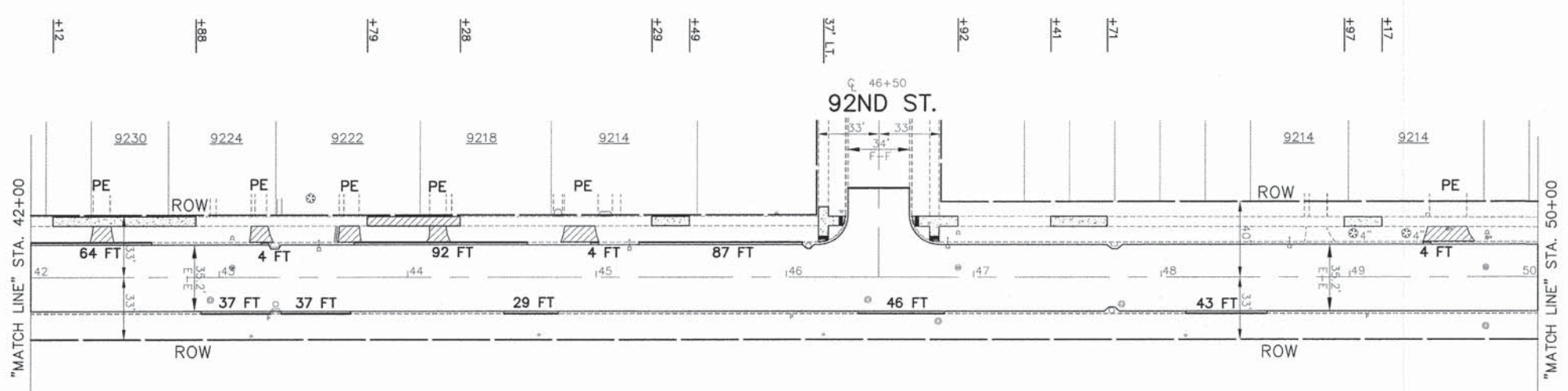


FOR CONTINUATION
SEE SHEET 7

EXISTING

FOR CONTINUATION
SEE SHEET 9

- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1-1/2" AT CENTERLINE TO 2-1/2" REVEAL AT THE GUTTER FLAG
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES CLASS D PATCHES, TYPE IV, 8 INCH. - AS DIRECTED
 - DENOTES SIDEWALK REMOVAL
 - 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A" DENOTES EXISTING CATCH BASINS, HANDHOLES, AND MANHOLES TO BE ADJUSTED
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 - "R" DENOTES EXISTING VALVE VAULTS AND MANHOLES TO BE RECONSTRUCTED.
 - "X" DENOTES ALLEY RETURN TO BE REMOVED WITH PAVEMENT REMOVAL
 - DENOTES SAWCUT OF EXISTING PAVEMENT



PROPOSED
CALIFORNIA AVENUE

- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH AND AREA REFLECTIVE CRACK CONTROL TREATMENT (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE AND LEVELING BINDER (MACHINE METHOD), N50, 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE) AND BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS./S.F.
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (PE) OR 8 INCH (CE) ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
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 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARD FOR HANDICAP RAMPS (WHERE APPLICABLE) SEE CONSTRUCTION HIGHWAY STANDARDS
 - 8 FT DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - PE DENOTES PRIVATE ENTRANCE
 - CE DENOTES COMMERCIAL ENTRANCE
 - "X" DENOTES ALLEY RETURN TO BE REPLACED WITH PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FOR TYPICAL SECTIONS OF NEW PAVEMENT WORK SEE SHEET 4

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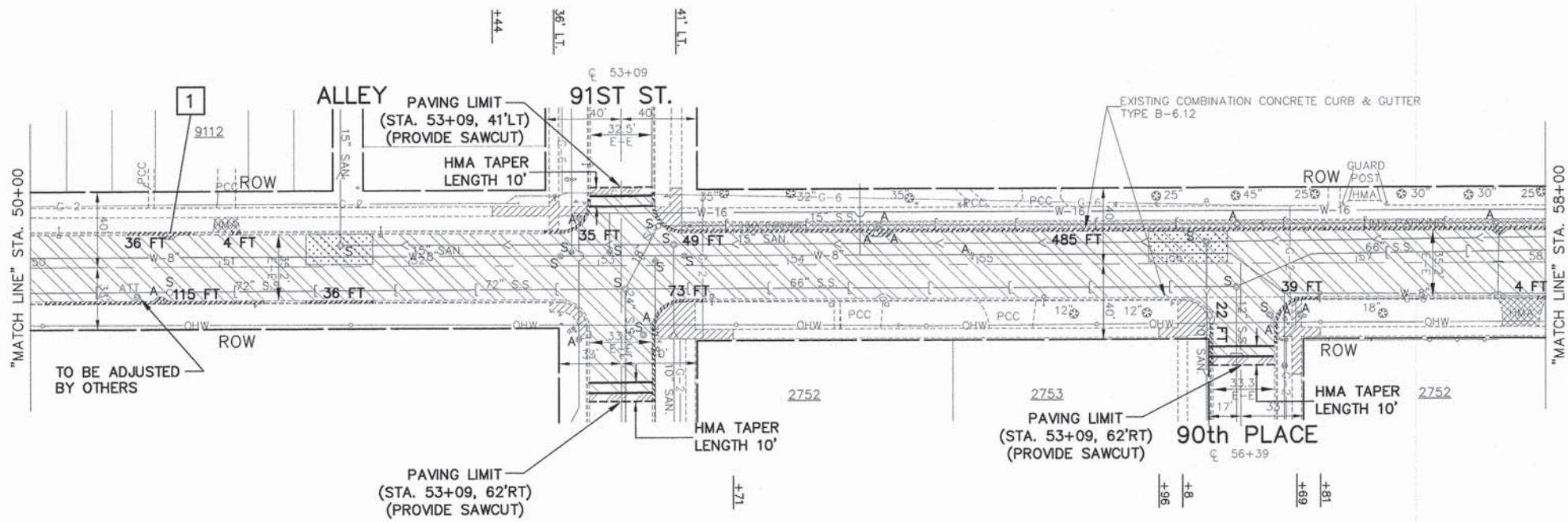
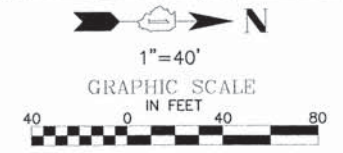
Frank Novotny & Associates, Inc.
Civil Engineers
835 Midway Drive • Willowbrook, IL • 61097 • Telephone (630) 887-8640 • Fax: (630) 887-0182
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-008928

FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) #13029 RESURFACING	USER NAME =	DESIGNED - THK DRAWN - JEP CHECKED - TPG DATE - 10/17/14	REVISED - 12/17/14 REVISED - REVISED - REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 2838 (CALIFORNIA AVENUE) - STA. 42+00 TO STA. 50+00 (RESURFACING)	SCALE: 1" = 40'	SHEET NO. OF SHEETS	STA. 42+00 TO STA. 50+00
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F.A.U. R.T.E. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 8
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	M-4003(299)	



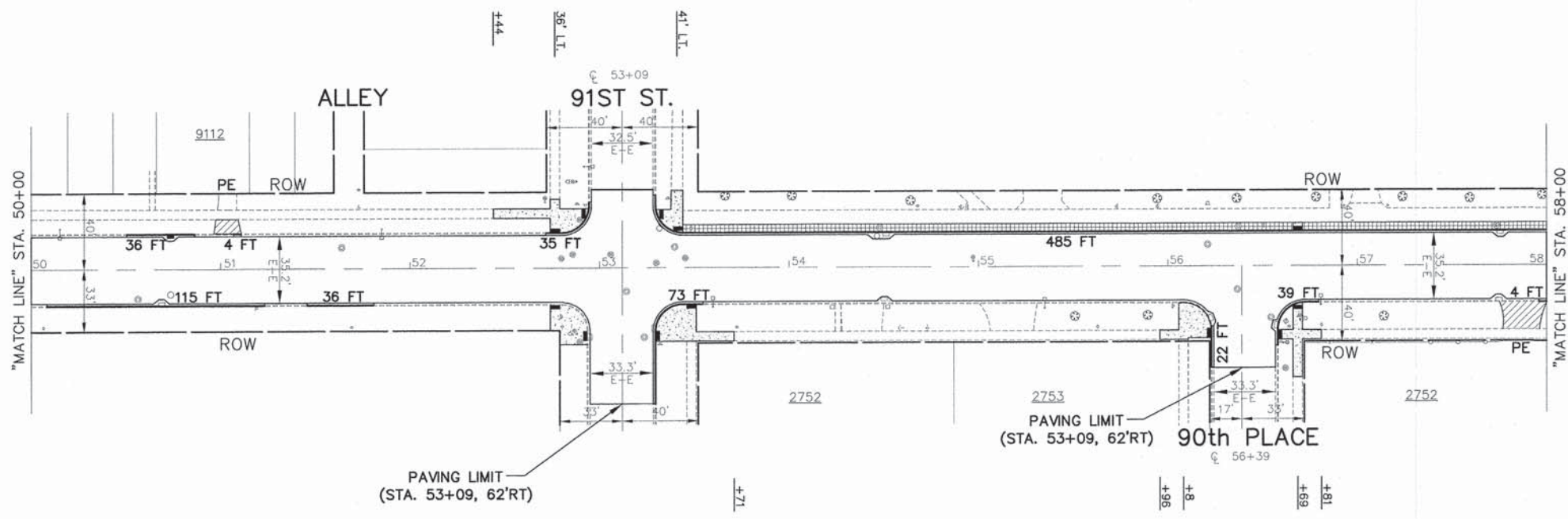
- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL—BUTT JOINT
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1-1/2" AT CENTERLINE TO 2-1/2" REVEAL AT THE GUTTER FLAG
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES CLASS D PATCHES, TYPE IV, 8 INCH, — AS DIRECTED
 - DENOTES SIDEWALK REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING CATCH BASINS, HANDHOLES, AND MANHOLES TO BE ADJUSTED
 - "S"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
 - "OL"** DENOTES NEW FRAMES AND LIDS, TYPE I, OPEN LID
 - "CL"** DENOTES NEW FRAMES AND LIDS, TYPE I, CLOSED LID
 - "R"** DENOTES EXISTING VALVE VAULTS AND MANHOLES TO BE RECONSTRUCTED.
 - DENOTES ALLEY RETURN TO BE REMOVED WITH PAVEMENT REMOVAL
 - DENOTES SAWCUT OF EXISTING PAVEMENT

- STORM SEWER SCHEDULE**
- 1** REMOVE EXISTING INLET AND REPLACE WITH NEW INLET, TYPE A, REUSE EXISTING FRAME AND LID

FOR CONTINUATION
SEE SHEET 8

EXISTING

FOR CONTINUATION
SEE SHEET 10



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH AND AREA REFLECTIVE CRACK CONTROL TREATMENT (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE AND LEVELING BINDER (MACHINE METHOD), N50, 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE) AND BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS/S.F.
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (PE) OR 8 INCH (CE) ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH OR 7 INCH (FOR PE DRIVEWAYS) OR 8 INCH (FOR CE DRIVEWAYS) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARD FOR HANDICAP RAMPS (WHERE APPLICABLE) SEE CONSTRUCTION HIGHWAY STANDARDS
 - DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - PE** DENOTES PRIVATE ENTRANCE
 - CE** DENOTES COMMERCIAL ENTRANCE
 - DENOTES ALLEY RETURN TO BE REPLACED WITH PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FOR TYPICAL SECTIONS OF NEW PAVEMENT WORK SEE SHEET 4

IMPORTANT!
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ILLINOIS PROFESSIONAL DESIGN PERM. NO. 184-000205

FILE NAME = VILLAGE OF EVERGREEN PARK
FAU 2838 (CALIFORNIA AVENUE)
FAP 029 (95th STREET) TO FAP 395 (87th STREET)
RESURFACING
#13029

USER NAME =
DESIGNED — THK
DRAWN — JEP
CHECKED — TPG
DATE — 10/17/14

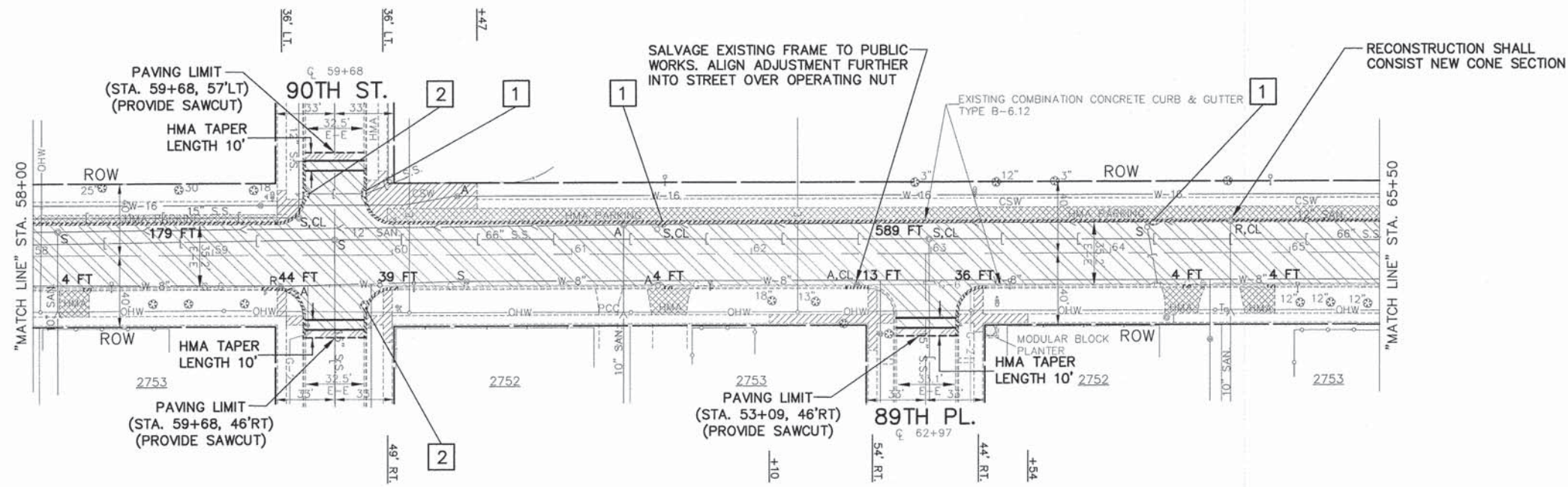
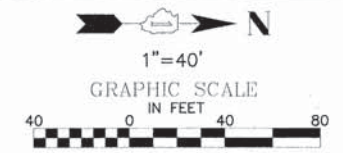
REVISOR —
REVISION — 12/17/14
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REVISION —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 2838 (CALIFORNIA AVENUE) -
STA. 50+00 TO STA. 58+00
(RESURFACING)

SCALE: 1"=40' SHEET NO. OF SHEETS STA. 50+00 TO STA. 58+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	9
CONTRACT NO. 61B13				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)				



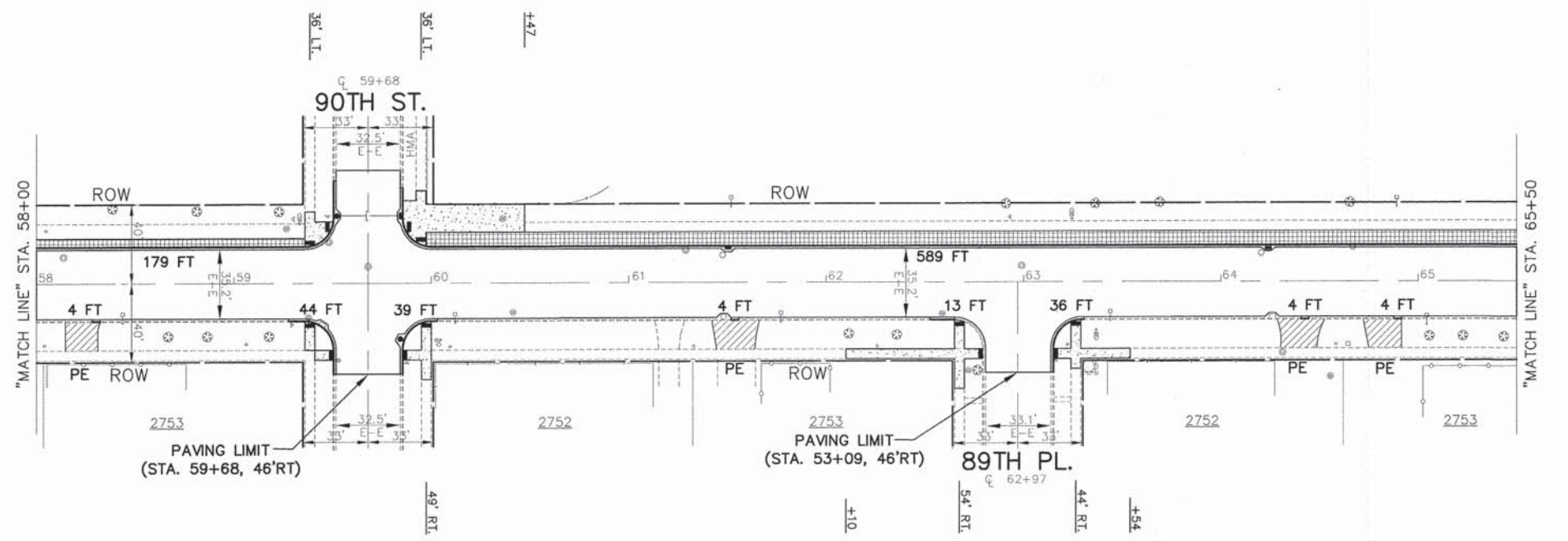
- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1-1/2" AT CENTERLINE TO 2-1/2" REVEAL AT THE GUTTER FLAG
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES CLASS D PATCHES, TYPE IV, 8 INCH, - AS DIRECTED
 - DENOTES SIDEWALK REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING CATCH BASINS, HANDHOLES, AND MANHOLES TO BE ADJUSTED
 - "S"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
 - "OL"** DENOTES NEW FRAMES AND LIDS, TYPE I, OPEN LID
 - "CL"** DENOTES NEW FRAMES AND LIDS, TYPE I, CLOSED LID
 - "R"** DENOTES EXISTING VALVE VAULTS AND MANHOLES TO BE RECONSTRUCTED.
 - DENOTES ALLEY RETURN TO BE REMOVED WITH PAVEMENT REMOVAL
 - DENOTES SAWCUT OF EXISTING PAVEMENT

- STORM SEWER SCHEDULE**
- 1** REMOVE EXISTING INLET AND REPLACE WITH NEW INLET, TYPE A, REUSE EXISTING FRAME AND LID
 - 2** REMOVE EXISTING CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE A, 4' DIA., REUSE EXISTING FRAME AND LID

FOR CONTINUATION
SEE SHEET 9

FOR CONTINUATION
SEE SHEET 11

EXISTING



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH AND AREA REFLECTIVE CRACK CONTROL TREATMENT (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE AND LEVELING BINDER (MACHINE METHOD), N50, 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE) AND BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS/S.F.
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (PE) OR 8 INCH (CE) ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH OR 7 INCH (FOR PE DRIVEWAYS) OR 8 INCH (FOR CE DRIVEWAYS) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARD FOR HANDICAP RAMPS (WHERE APPLICABLE) SEE CONSTRUCTION HIGHWAY STANDARDS
 - DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - PE** DENOTES PRIVATE ENTRANCE
 - CE** DENOTES COMMERCIAL ENTRANCE
 - DENOTES ALLEY RETURN TO BE REPLACED WITH PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FOR TYPICAL SECTIONS OF NEW PAVEMENT WORK SEE SHEET 4

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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ILLINOIS PROFESSIONAL DESIGN PERM NO. 184-000898

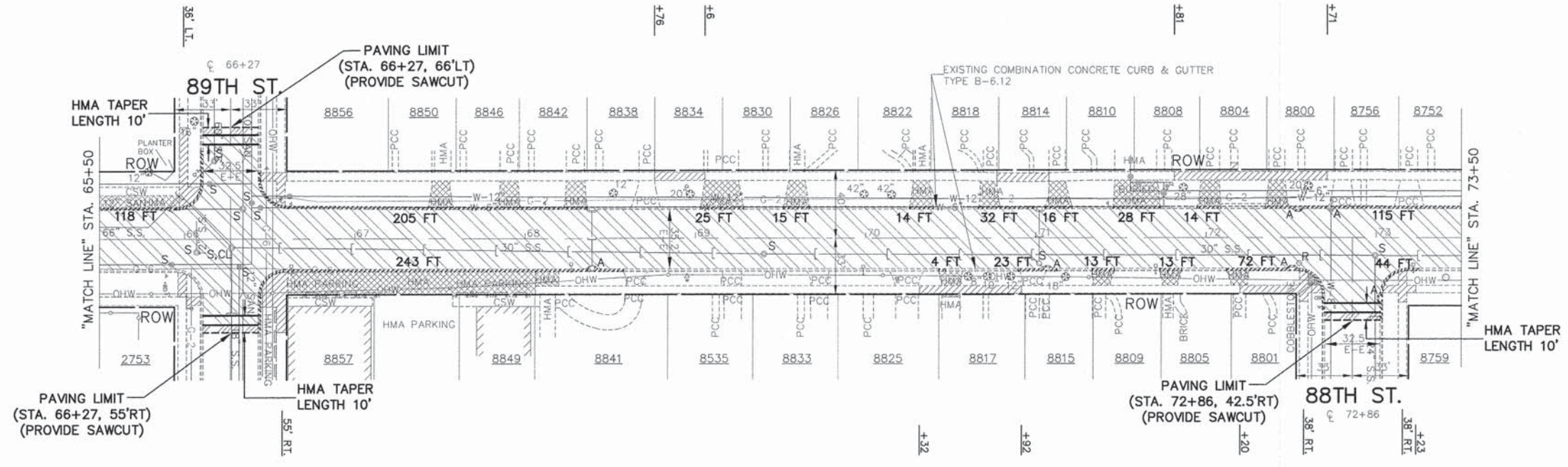
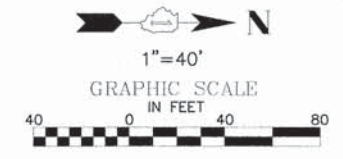
FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) #13029 RESURFACING	USER NAME =	DESIGNED - THK	REVISED - 12/17/14
PLOT SCALE =	DRAWN - JEP	CHECKED - TPG	REVISED - 12/18/14
PLOT DATE =	DATE - 10/17/14		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 2838 (CALIFORNIA AVENUE) -
STA. 58+00 TO STA. 65+50
(RESURFACING)

SCALE: 1"=40'	SHEET NO. OF SHEETS	STA. 58+00 TO STA. 65+50	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	M-4003(299)
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	10
CONTRACT NO. 61B13				

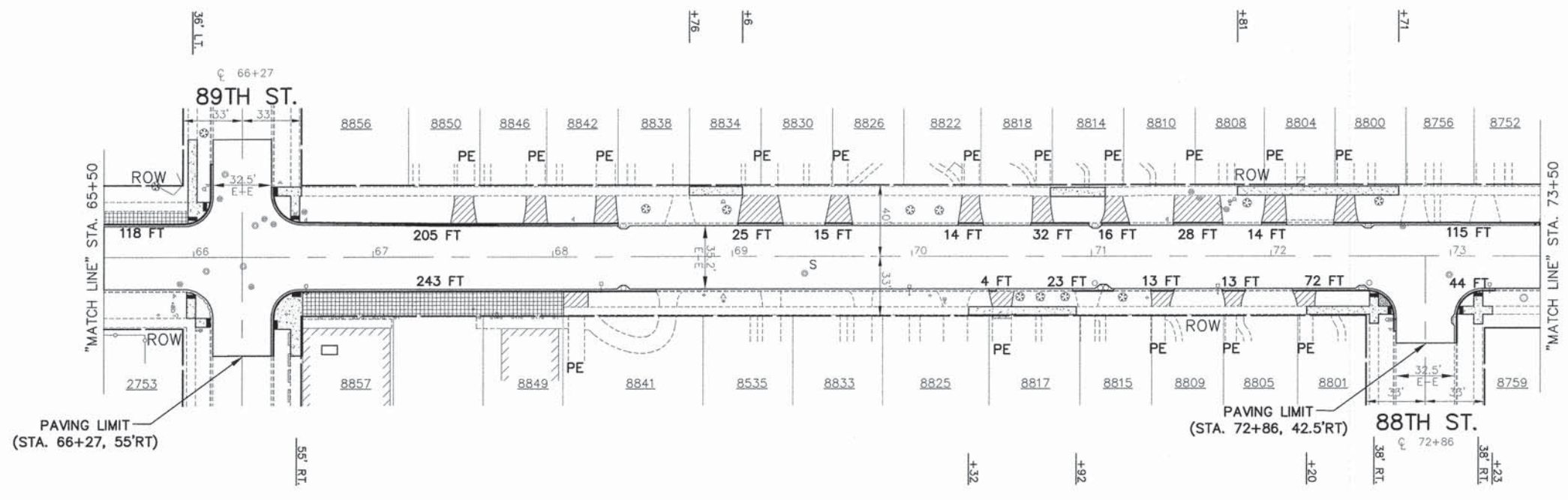


- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1-1/2" AT CENTERLINE TO 2-1/2" REVEAL AT THE GUTTER FLAG
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES CLASS D PATCHES, TYPE IV, 8 INCH, - AS DIRECTED
 - DENOTES SIDEWALK REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING CATCH BASINS, HANDHOLES, AND MANHOLES TO BE ADJUSTED
 - "S"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
 - "OL"** DENOTES NEW FRAMES AND LIDS, TYPE I, OPEN LID
 - "CL"** DENOTES NEW FRAMES AND LIDS, TYPE I, CLOSED LID
 - "R"** DENOTES EXISTING VALVE VAULTS AND MANHOLES TO BE RECONSTRUCTED.
 - DENOTES ALLEY RETURN TO BE REMOVED WITH PAVEMENT REMOVAL
 - DENOTES SAWCUT OF EXISTING PAVEMENT

FOR CONTINUATION
SEE SHEET 10

EXISTING

FOR CONTINUATION
SEE SHEET 12



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH AND AREA REFLECTIVE CRACK CONTROL TREATMENT (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE AND LEVELING BINDER (MACHINE METHOD), N50, 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE) AND BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS/S.F.
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (PE) OR 8 INCH (CE) ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH OR 7 INCH (FOR PE DRIVEWAYS) OR 8 INCH (FOR CE DRIVEWAYS) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARD FOR HANDICAP RAMPS (WHERE APPLICABLE) SEE CONSTRUCTION HIGHWAY STANDARDS
 - DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - PE** DENOTES PRIVATE ENTRANCE
 - CE** DENOTES COMMERCIAL ENTRANCE
 - DENOTES ALLEY RETURN TO BE REPLACED WITH PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FOR TYPICAL SECTIONS OF NEW PAVEMENT WORK SEE SHEET 4

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

PROPOSED CALIFORNIA AVENUE

FILE NAME = VILLAGE OF EVERGREEN PARK
FAU 2838 (CALIFORNIA AVENUE)
FAP 029 (95th STREET) TO FAP 395 (87th STREET)
#13029 RESURFACING

USER NAME =
DESIGNED - THK
DRAWN - JEP
CHECKED - TPG
DATE - 10/17/14

REVISED - 12/17/14
REVISED -
REVISED -
REVISED -

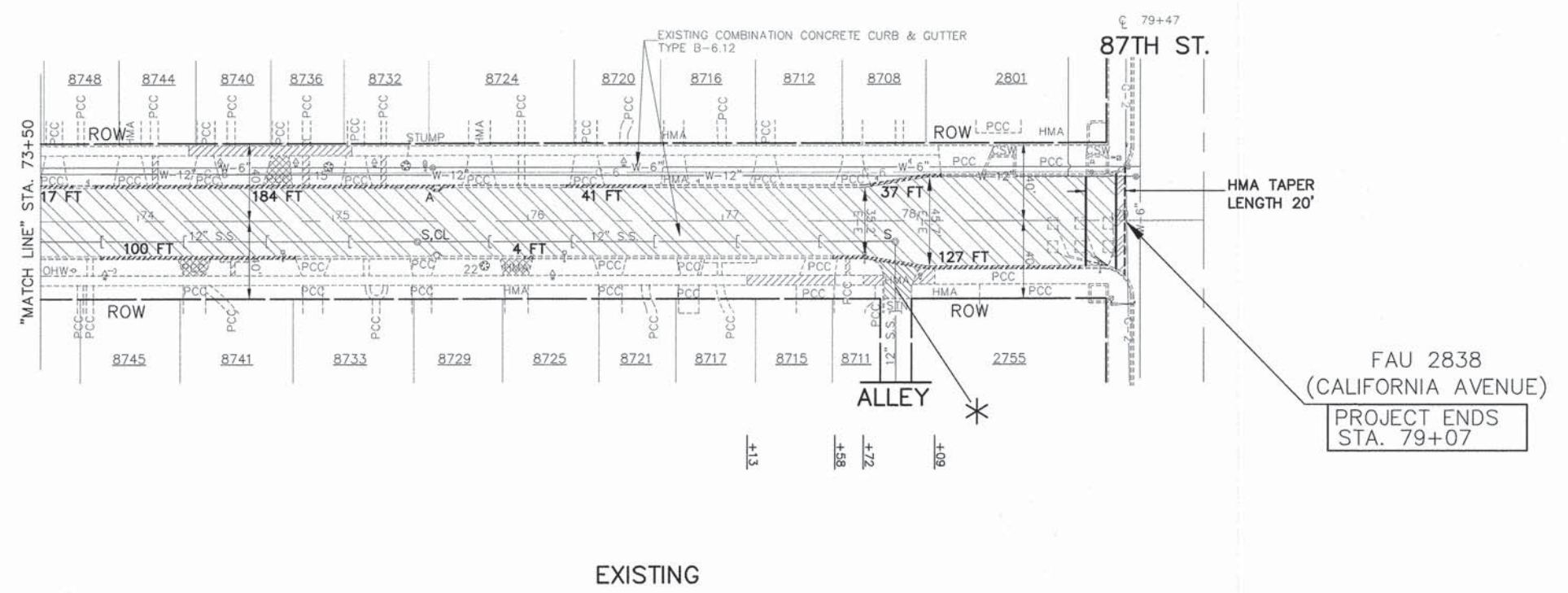
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 2838 (CALIFORNIA AVENUE) -
STA. 65+50 TO STA. 73+50
(RESURFACING)

SCALE: 1" = 40' SHEET NO. OF SHEETS STA. 65+50 TO STA. 73+50

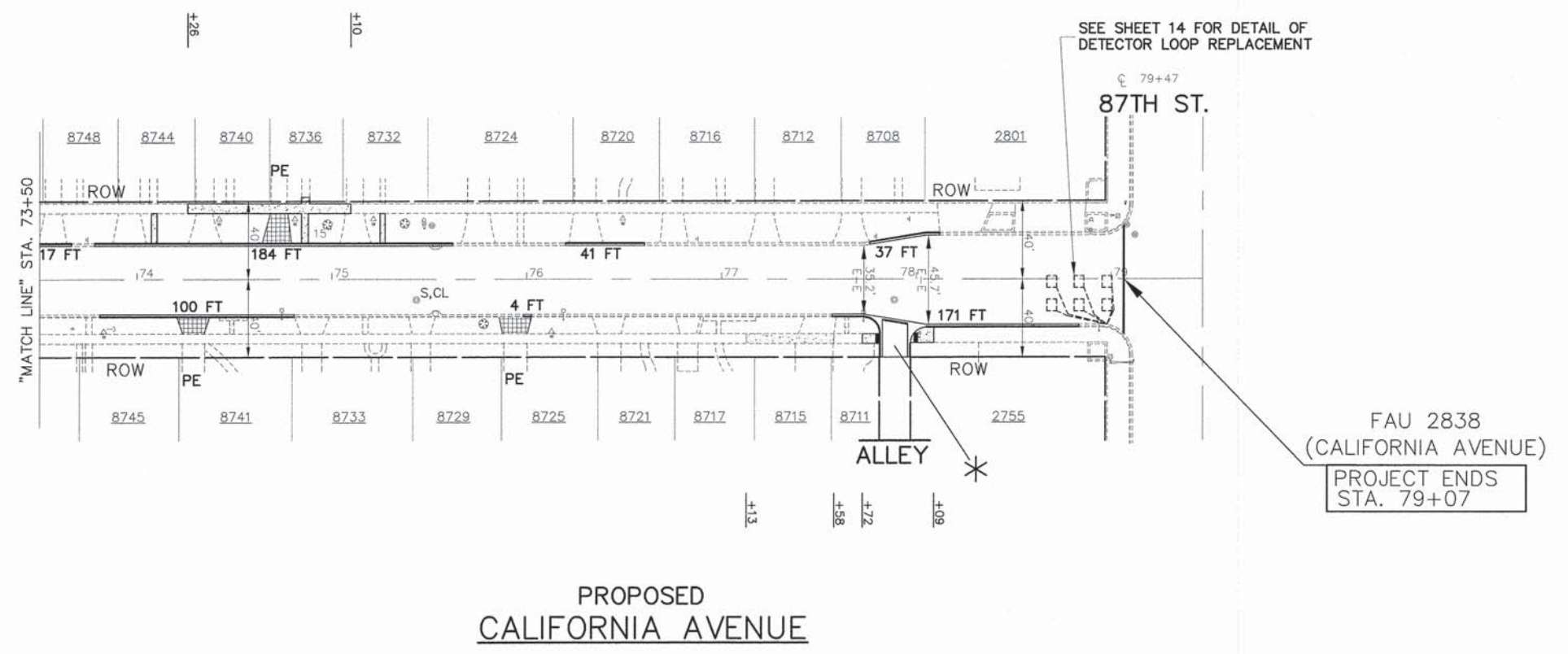
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185 Midway Drive • Wilmette, IL • 60597 • Telephone: (830) 887-8040 • Fax: (830) 887-0178
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000828

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	11
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			M-4003(299)	



- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1-1/2" AT CENTERLINE TO 2-1/2" REVEAL AT THE GUTTER FLAG
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES CLASS D PATCHES, TYPE IV, 8 INCH. - AS DIRECTED
 - DENOTES SIDEWALK REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A" DENOTES EXISTING CATCH BASINS, HANDHOLES, AND MANHOLES TO BE ADJUSTED
 - "S" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
 - "OL" DENOTES NEW FRAMES AND LIDS, TYPE I, OPEN LID
 - "CL" DENOTES NEW FRAMES AND LIDS, TYPE I, CLOSED LID
 - "R" DENOTES EXISTING VALVE VAULTS AND MANHOLES TO BE RECONSTRUCTED.
 - DENOTES ALLEY RETURN TO BE REMOVED WITH PAVEMENT REMOVAL
 - DENOTES SAWCUT OF EXISTING PAVEMENT

FOR CONTINUATION
SEE SHEET 11



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH AND AREA REFLECTIVE CRACK CONTROL TREATMENT (6 OZ.) BETWEEN LEVELING BINDER AND SURFACE COURSE AND LEVELING BINDER (MACHINE METHOD), N50, 1-1/4" AT CENTERLINE TO 3/4" AT THE GUTTER FLAG (1" AVERAGE) AND BITUMINOUS MATERIALS (PRIME COAT) AT 0.05 LBS/S.F.
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (PE) OR 8 INCH (CE) ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 INCH ON HOT-MIX ASPHALT BASE COURSE, 2-1/4 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH OR 7 INCH (FOR PE DRIVEWAYS) OR 8 INCH (FOR CE DRIVEWAYS) ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARD FOR HANDICAP RAMPS (WHERE APPLICABLE) SEE CONSTRUCTION HIGHWAY STANDARDS
 - DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - PE DENOTES PRIVATE ENTRANCE
 - CE DENOTES COMMERCIAL ENTRANCE
 - DENOTES ALLEY RETURN TO BE REPLACED WITH PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH

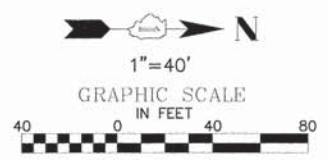
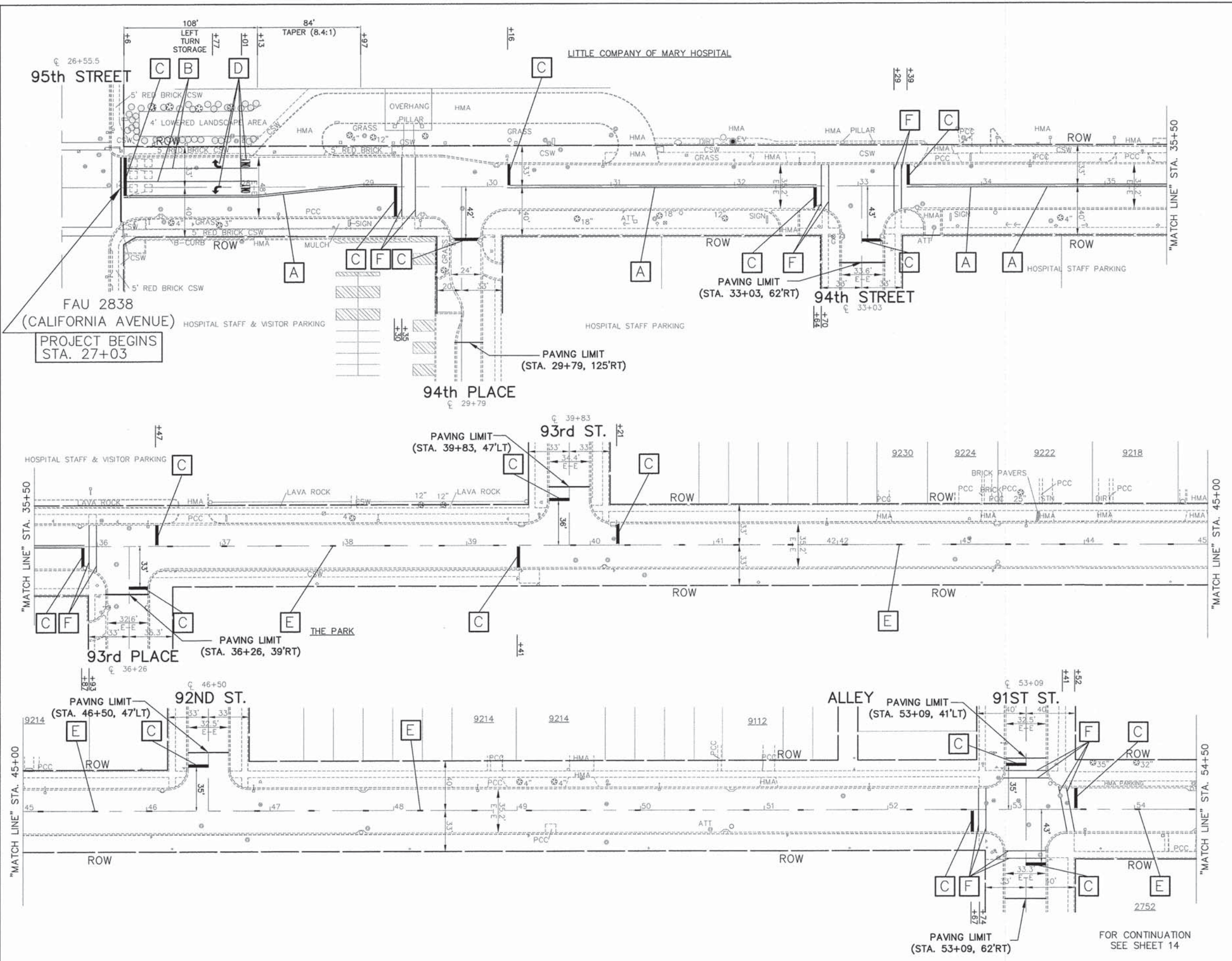
ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FOR TYPICAL SECTIONS OF NEW PAVEMENT WORK SEE SHEET 4

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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Civil Engineer
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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000928

FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) RESURFACING	USER NAME =	DESIGNED - THK	REVISED - 12/17/14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN: FAU 2838 (CALIFORNIA AVENUE) - STA. 73+50 TO FAP 395 (87th STREET) (RESURFACING)	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO. 2838 14-00092-00-R5 COOK 25 12
CONTRACT NO. 61B13	DATE = 10/17/14	CHECKED - TPG	REVISED -		SCALE: 1"=40' SHEET NO. OF SHEETS STA. 73+50 TO STA. 79+07	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)
		DATE = 10/17/14	REVISED -			



TEMPORARY PAVEMENT MARKING CODE

- A CENTERLINE - SOLID DOUBLE YELLOW PAVEMENT MARKING - LINE 4", 11"O/C
- B TURN AND LANE LINE - SOLID WHITE PAVEMENT MARKING - LINE 4"
- C STOP BAR - SOLID WHITE PAVEMENT MARKING - LINE 4"
- D LETTERS AND SYMBOLS - SOLID WHITE PAVEMENT MARKING
- E CENTERLINE - SOLID YELLOW PAVEMENT MARKING - LINE 4", 4' LINE, 40' DASH
- F PEDESTRIAN CROSSWALK LINE - SOLID WHITE PAVEMENT MARKING - LINE 4"

NOTE:
TEMPORARY PAVEMENT MARKING SHALL BE INSTALLED THE SAME DAY AS "HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH" AND THE SAME DAY AS THE INSTALLATION OF THE "LEVELING BINDER (MACHINE METHOD), N50"

FOR PAVEMENT MARKING DETAILS
SEE SHEET 16
FOR DISTRICT DETAIL TC-13

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED
IN THE COST OF THE ITEM BEING REMOVED.

IMPORTANT!
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ENGINEERING SCALES. REDUCED
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IN TITLE BLOCK.

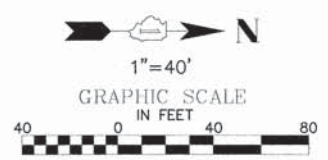
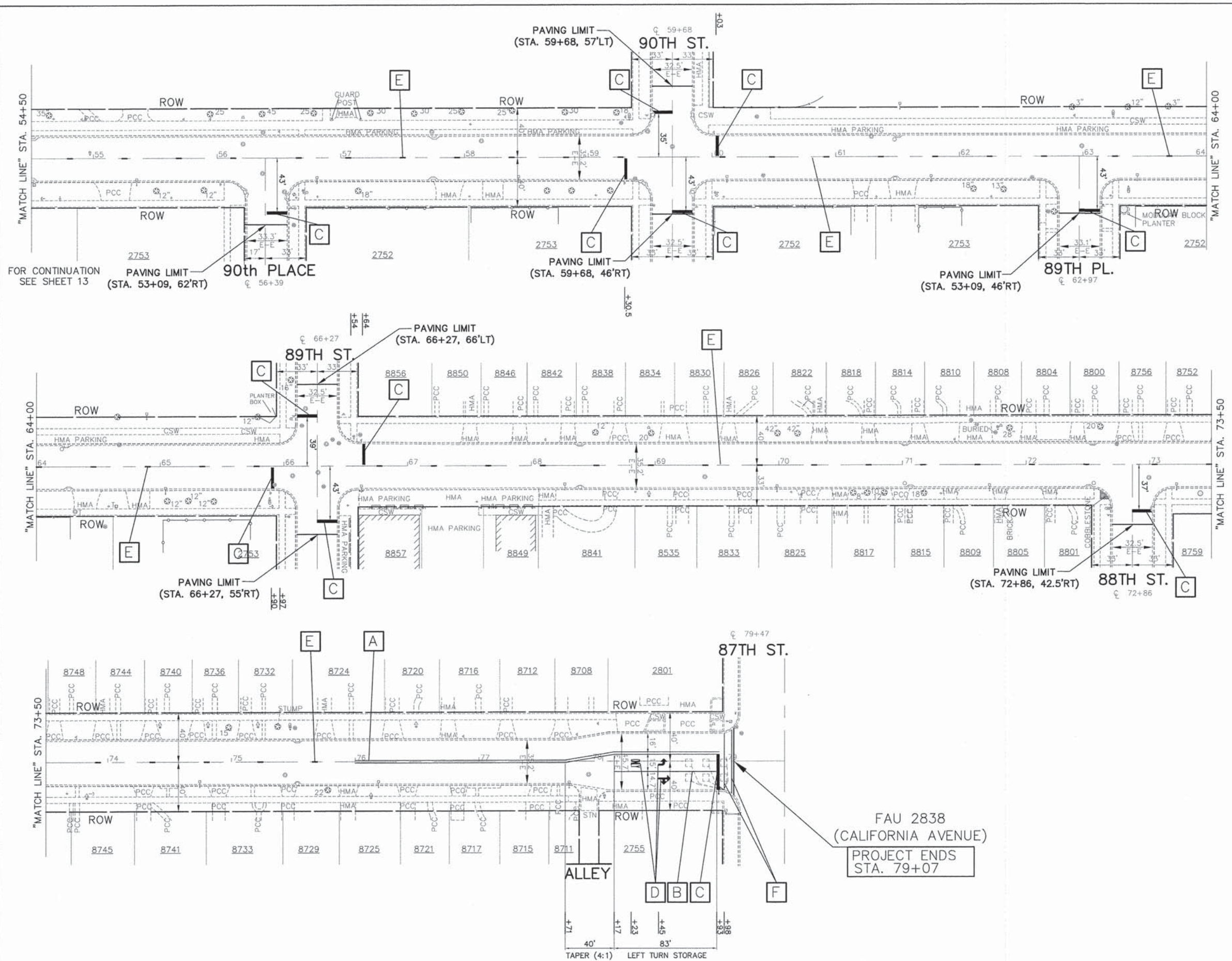
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805 Midway Drive • Willowbrook, IL • 60157 • Telephone: (630) 887-8660 • Fax: (630) 887-0132
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000828

FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) RESURFACING	USER NAME =	DESIGNED - THK	REVISED - 12/17/14
#13029	PLOT SCALE =	DRAWN - JEP	REVISED -
	PLOT DATE =	CHECKED - TPG	REVISED -
		DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN: FAU 2838 (CALIFORNIA AVENUE) - FAP 029 (95th STREET) TO STA. 54+50 (TEMPORARY PAVEMENT MARKING)			
SCALE: 1"=40'	SHEET NO.	OF SHEETS	STA. 27+03 TO STA. 54+50

F.A.U. RTE. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 13
Contract No. 61613				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)				



- TEMPORARY PAINT PAVEMENT MARKING CODE**
- A CENTERLINE - SOLID DOUBLE YELLOW PAVEMENT MARKING - LINE 4", 11" O/C
 - B TURN AND LANE LINE - SOLID WHITE PAVEMENT MARKING - LINE 4"
 - C STOP BAR - SOLID WHITE PAVEMENT MARKING - LINE 4"
 - D LETTERS AND SYMBOLS - SOLID WHITE PAVEMENT MARKING
 - E CENTERLINE - SOLID YELLOW PAVEMENT MARKING - LINE 4", 4' LINE, 40' DASH
 - F PEDESTRIAN CROSSWALK LINE - SOLID WHITE PAVEMENT MARKING - LINE 4"

NOTE:
 TEMPORARY PAVEMENT MARKING SHALL BE INSTALLED THE SAME DAY AS "HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH" AND THE THE SAME DAY AS THE INSTALLATION OF THE "LEVELING BINDER (MACHINE METHOD), N50"

FOR PAVEMENT MARKING DETAILS
 SEE SHEET 16
 FOR DISTRICT DETAIL TC-13

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED
 IN THE COST OF THE ITEM BEING REMOVED.

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN
 PREPARED USING STANDARD
 ENGINEERING SCALES. REDUCED
 SIZED PLANS WILL NOT CONFORM
 TO STANDARD SCALES INDICATED
 IN TITLE BLOCK.

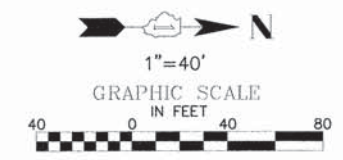
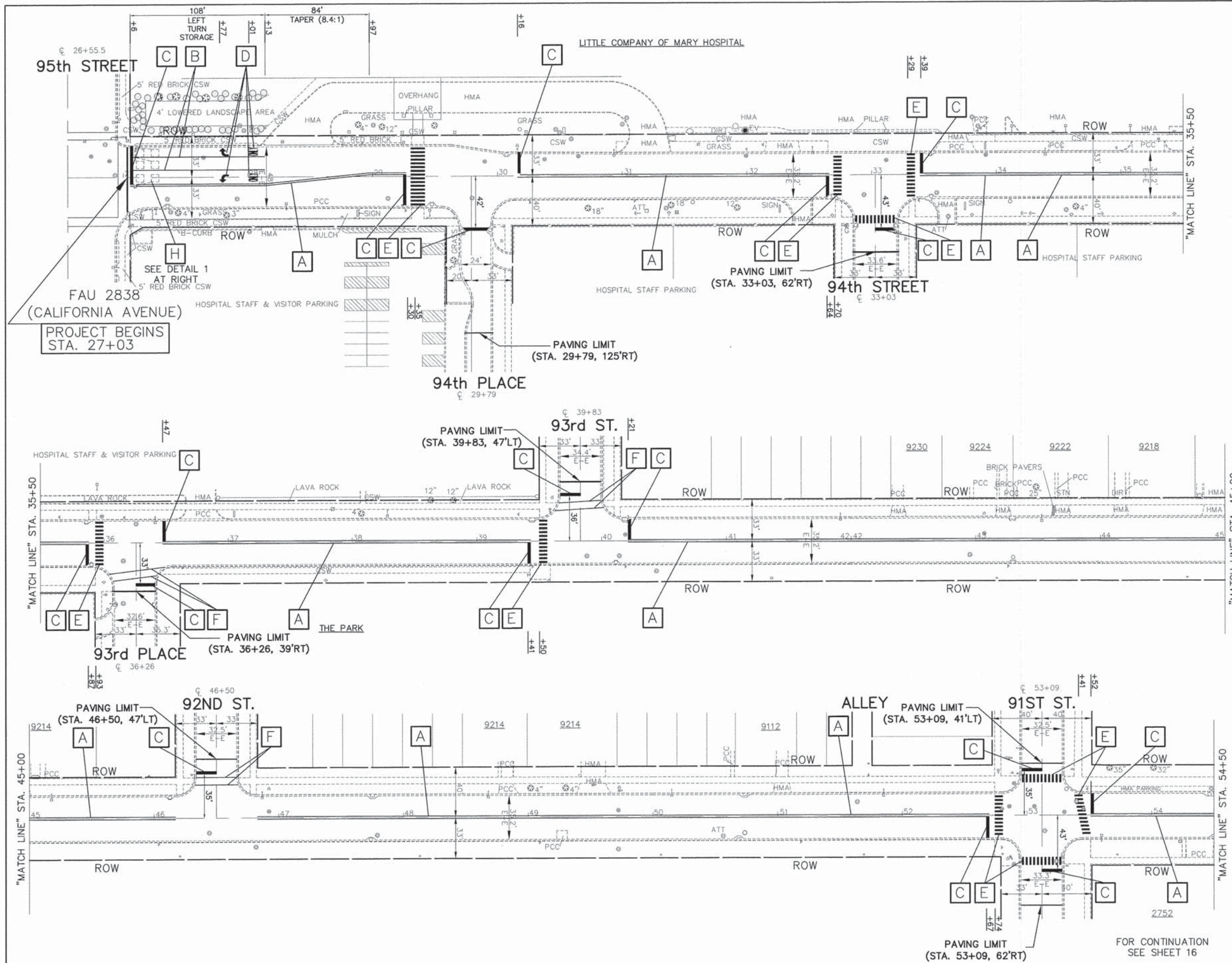
Frank Novotny & Associates, Inc.
 805 Midway Drive • Willowbrook, IL • 60187 • Telephone: (630) 887-8640 • Fax: (630) 887-0139
 Civil Engineers
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000828

FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) RESURFACING	USER NAME =	DESIGNED - THK	REVISED - 12/17/14
#13029	PLOT SCALE =	DRAWN - JEP	REVISED -
	PLOT DATE =	CHECKED - TPG	REVISED -
		DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN: FAU 2838 (CALIFORNIA AVENUE) -
 STA. 54+50 TO FAP 395 (87th STREET)
 (TEMPORARY PAVEMENT MARKING)**
 SCALE: 1" = 40' SHEET NO. OF SHEETS STA. 54+50 TO STA. 79+07

F.A.U. RTE. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(299)			CONTRACT NO. 01813	



THERMOPLASTIC PAVEMENT MARKING CODE

- A CENTERLINE - SOLID DOUBLE YELLOW PREFORMED PLASTIC PAVEMENT MARKING - LINE 4", 11"O/C
- B TURN AND LANE LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- C STOP BAR - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- D LETTERS AND SYMBOLS - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- E SCHOOL CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12", 90"
- F PEDESTRIAN CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"

NOTE:
TEMPORARY PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT AND NEW BINDER. SEE SHEETS 13 AND 14 FOR PLAN.

NOTE:
SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

NOTE:
ALL "ARROWS" AND "ONLYS" SHALL BE 8" IN HEIGHT.

NOTE:
PROPOSED CENTERLINE - DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - 4", 11"O/C (NOTE: A) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.

DETECTOR LOOPS

- H PROPOSED DETECTOR LOOP REPLACEMENT

DETECTOR LOOP SCHEDULE OF QUANTITIES

CODE	QUANTITY	UNIT	ITEM
88600600	250	FOOT	DETECTOR LOOP REPLACEMENT



DETAIL 1 - DETECTOR LOOP REPLACEMENT AT 95th STREET

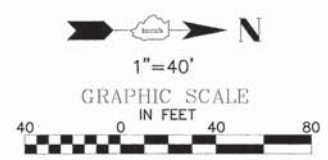
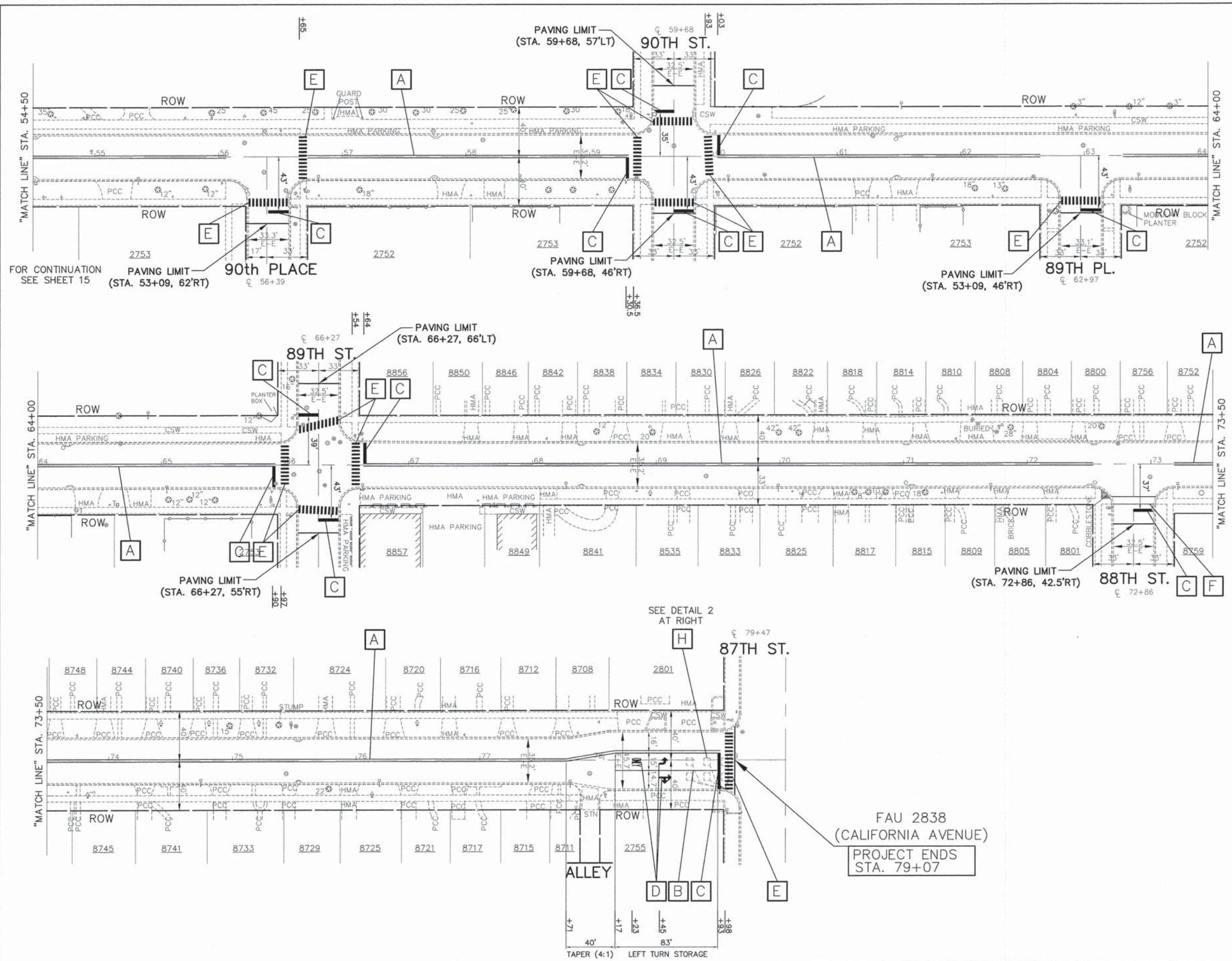
FOR PAVEMENT MARKING DETAILS SEE SHEET 16
FOR DISTRICT DETAIL TC-13

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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Municipal Consultants
885 Midway Drive • Willmetts, IL • 60187 • Telephone: (630) 887-8640 • Fax: (630) 887-0132
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-00068

FILE NAME # VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) RESURFACING	USER NAME =	DESIGNED -- THK	REVISED -- 12/17/14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN: FAU 2838 (CALIFORNIA AVENUE) - FAP 029 (95th STREET) TO STA. 54+50 (PAVEMENT MARKING)	SCALE: 1" = 40'	SHEET NO. OF SHEETS	STA. 27+03 TO STA. 54+50	F.A.U. R.T.E. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 15
PLOT SCALE =	CHECKED -- TPG	REVISOR --	CONTRACT NO. 61B13			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	M-4003(299)					
PLOT DATE =	DATE -- 10/17/14	REVISOR --											



THERMOPLASTIC PAVEMENT MARKING CODE

- A CENTERLINE - SOLID DOUBLE YELLOW PREFORMED PLASTIC PAVEMENT MARKING - LINE 4", 11"O/C
- B TURN AND LANE LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- C STOP BAR - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- D LETTERS AND SYMBOLS - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
- E SCHOOL CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12", 90'
- F PEDESTRIAN CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"

NOTE: TEMPORARY PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT AND NEW BINDER. SEE SHEETS 13 AND 14 FOR PLAN.
 NOTE: SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

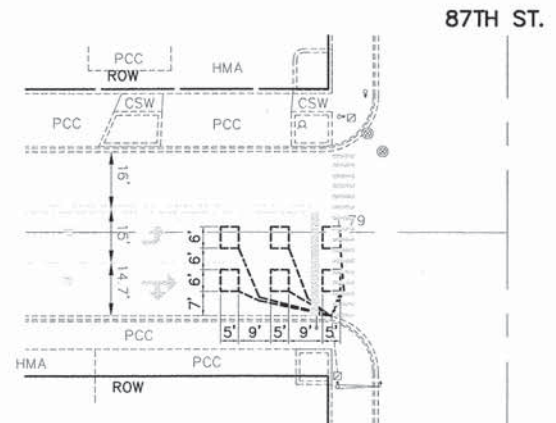
NOTE: ALL "ARROWS" AND "ONLYS" SHALL BE 8' IN HEIGHT.
 NOTE: PROPOSED CENTERLINE - DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - 4", 11"O/C (NOTE: [A]) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.

DETECTOR LOOPS

- H PROPOSED DETECTOR LOOP REPLACEMENT

DETECTOR LOOP SCHEDULE OF QUANTITIES

CODE	QUANTITY	UNIT	ITEM
88600600	250	FOOT	DETECTOR LOOP REPLACEMENT



DETAIL 2 - DETECTOR LOOP REPLACEMENT AT 87th STREET

FOR PAVEMENT MARKING DETAILS SEE SHEET 16
 FOR DISTRICT DETAIL TC-13

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

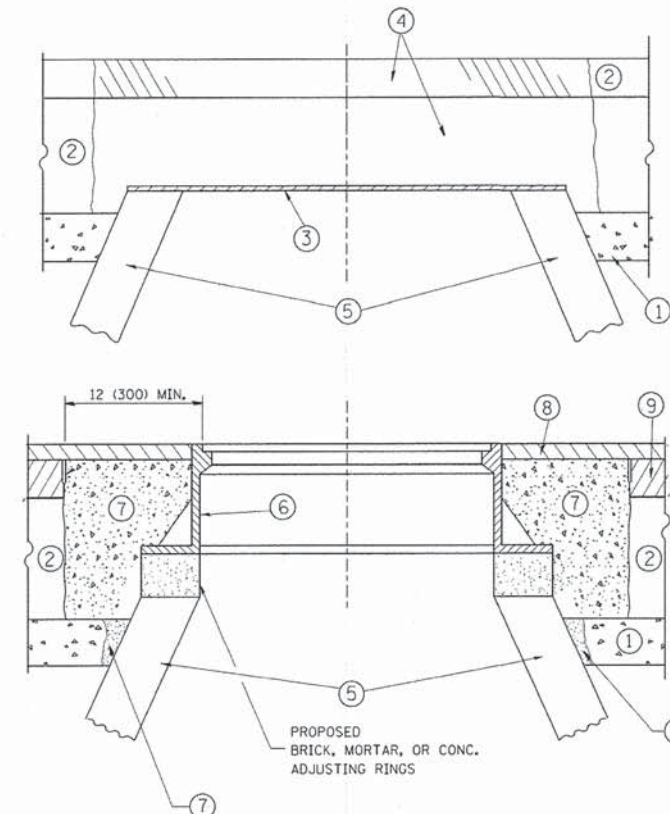
Frank Novotny & Associates, Inc.
 885 Midway Drive • Wheelock, IL • 61897 • Telephone: (630) 887-8640 • Fax: (630) 887-0189
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000628

FILE NAME = VILLAGE OF EVERGREEN PARK FAU 2838 (CALIFORNIA AVENUE) FAP 029 (95th STREET) TO FAP 395 (87th STREET) RESURFACING	USER NAME =	DESIGNED - THK	REVISED - 12/17/14
#13029	PLOT SCALE =	DRAWN - JEP	REVISED -
	PLOT DATE =	CHECKED - TPG	REVISED -
		DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN: FAU 2838 (CALIFORNIA AVENUE) - STA. 54+50 TO FAP 395 (87th STREET) (PAVEMENT MARKING)			
SCALE: 1"=40'	SHEET NO.	OF SHEETS	STA. 54+50 TO STA. 79+07

F.A.U. R.T.E. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 16
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	M-4003(299)	



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
ca\pe_work\pwsdot\bauerdl\d0106315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE = 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	17
BD600-03 (BD-8)			CONTRACT NO. 61B13	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(299)				

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.

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.

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.

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).

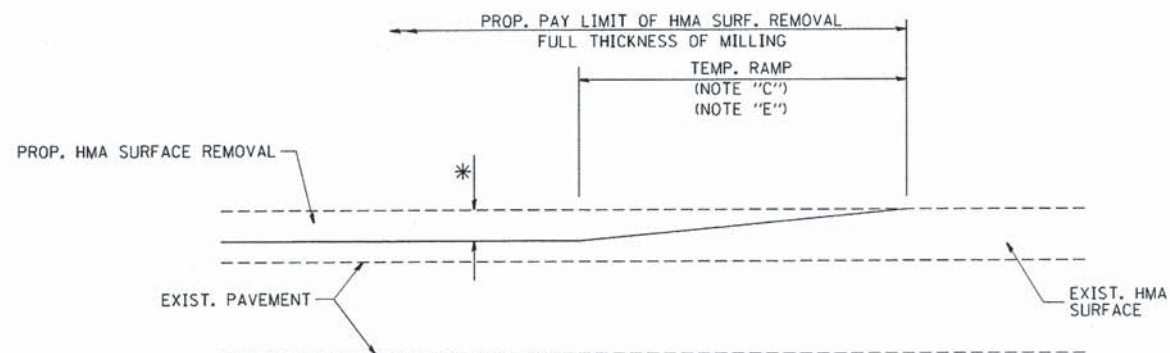
BASIS OF PAYMENT:

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

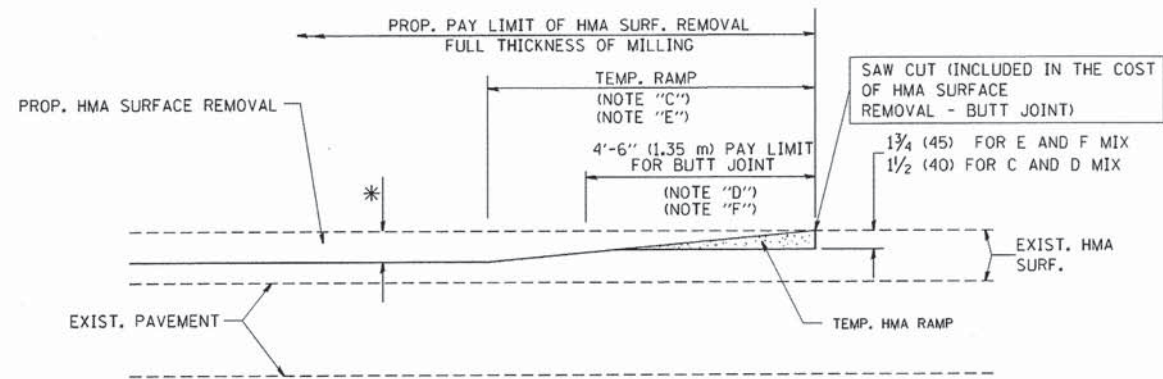
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RTE. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 19		
ct:\pe_work\p\dot\drivakosgn\d0180315\bd24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(299)			
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	REVISED - R. BORO 12-15-09									
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09										



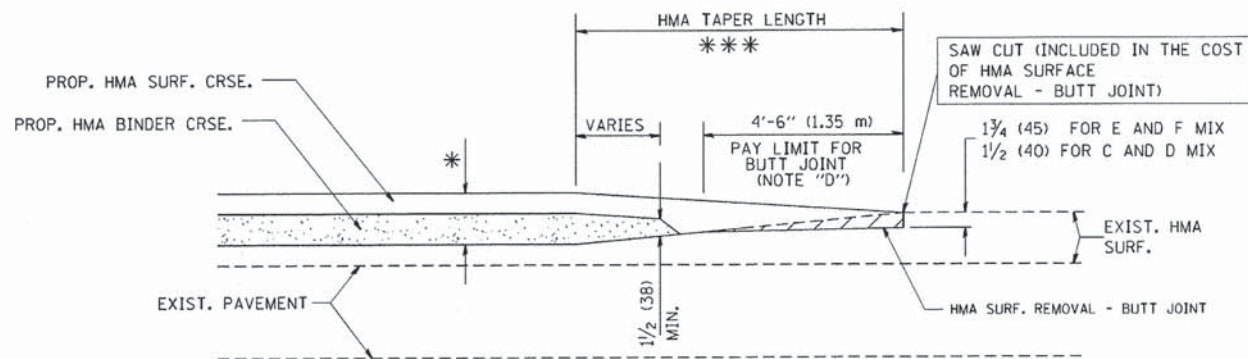
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

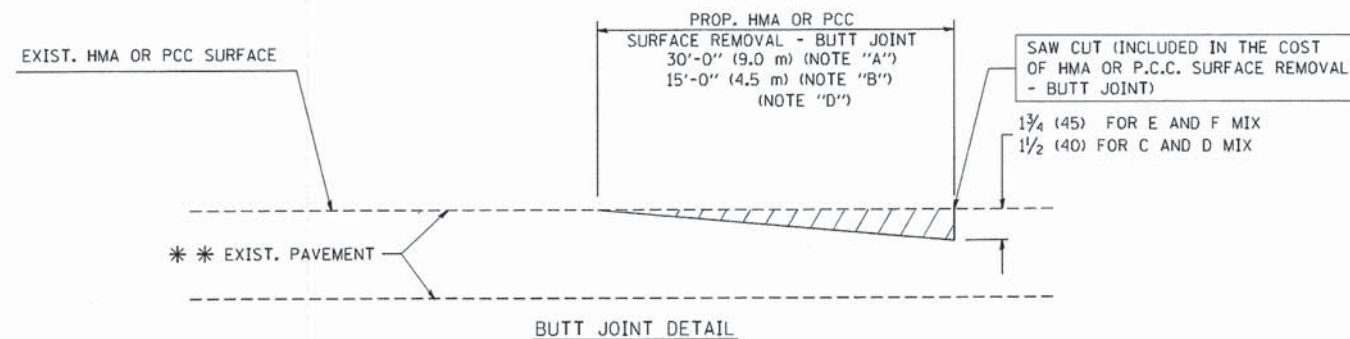


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

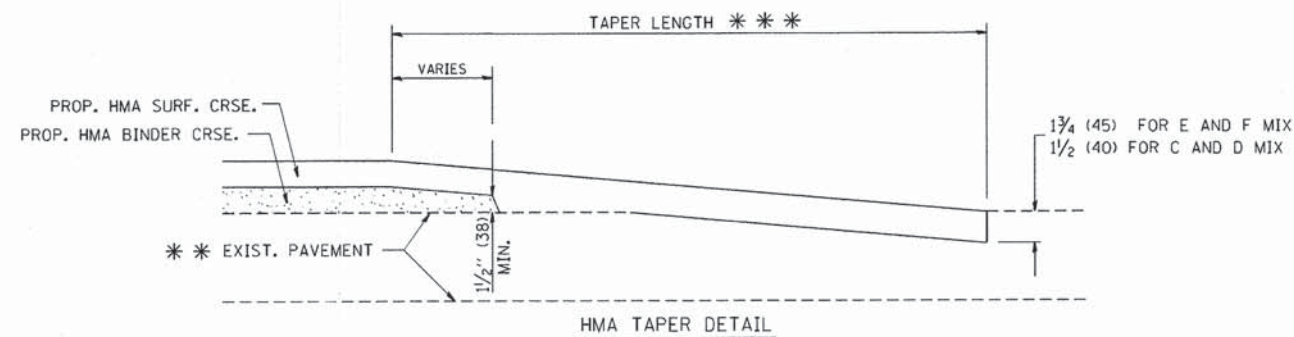
OPTION 2
TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

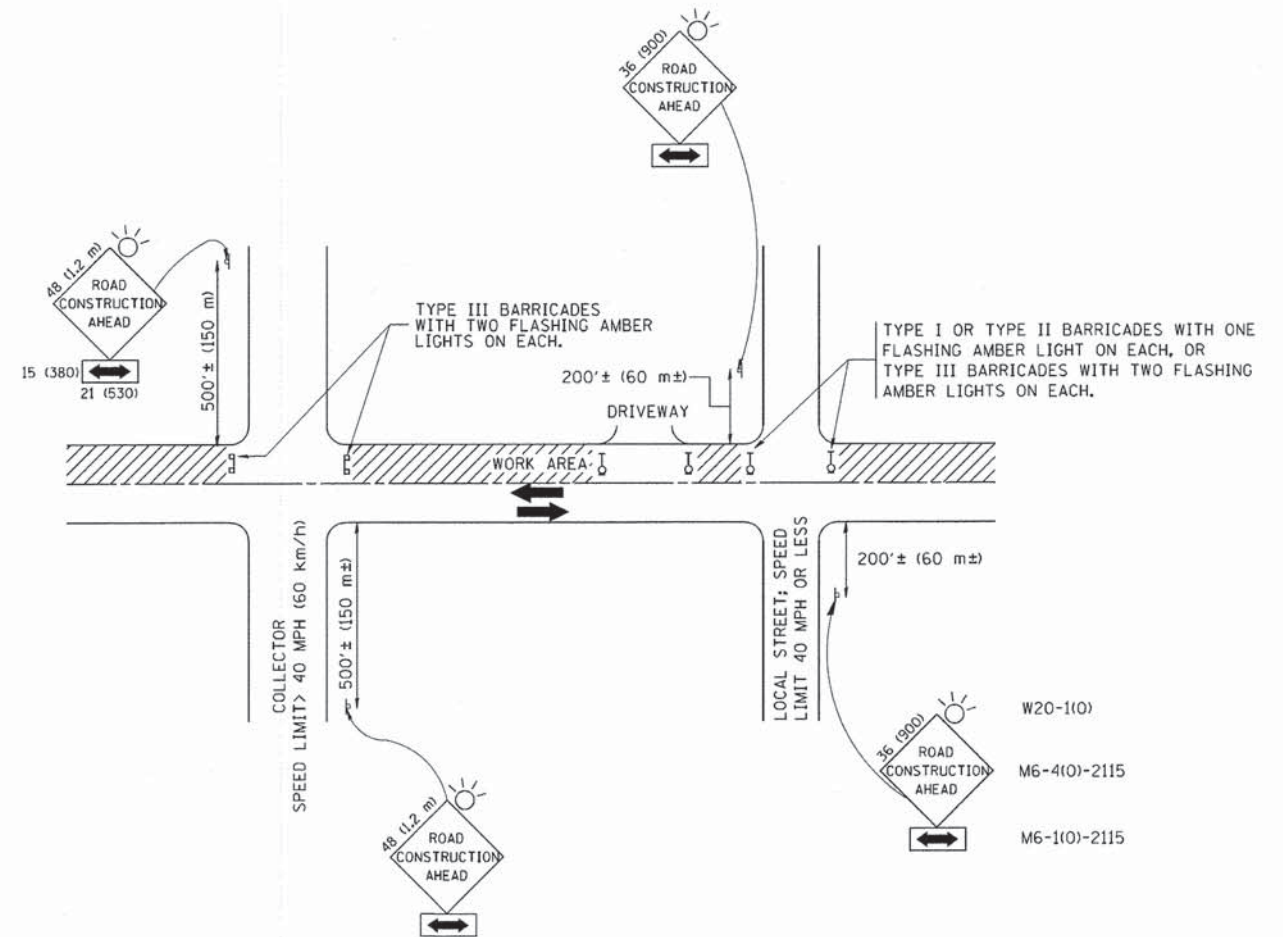
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 2838	SECTION 14-00092-00-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 20
BD400-05 BD32		CONTRACT NO. 61B13		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(299)				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. 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:
 - a) 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.
 - b) 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.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - b) 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.

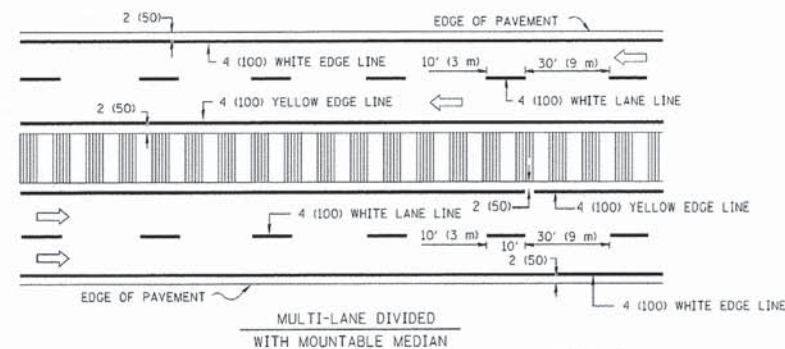
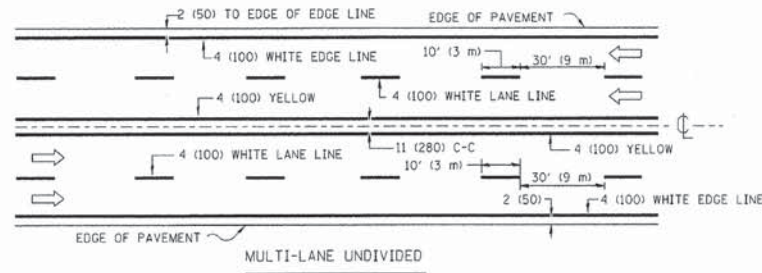
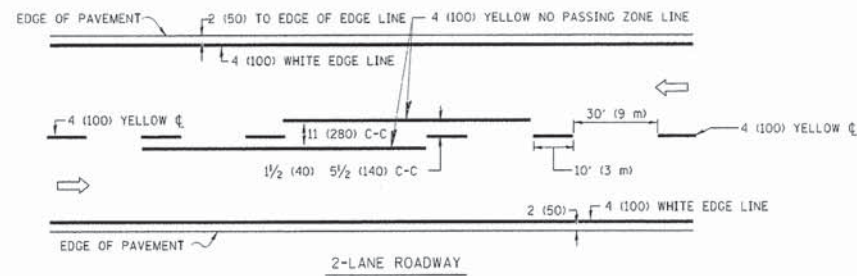
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	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

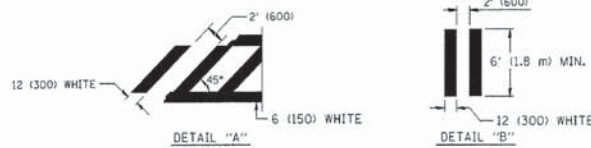
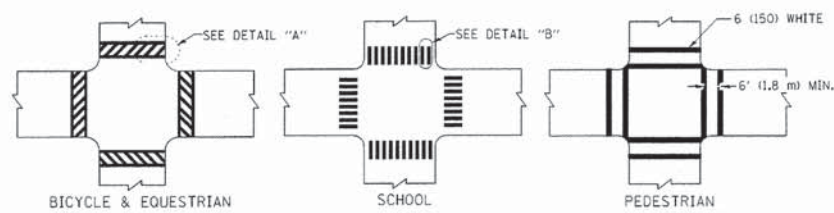
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

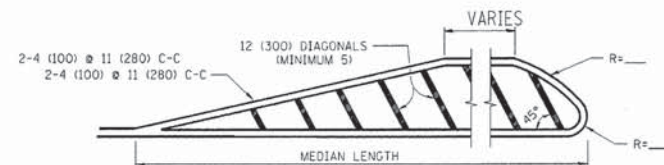
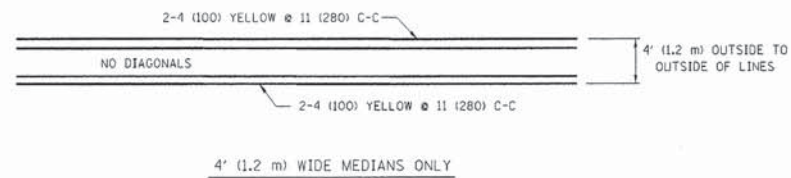
F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	21
TC-10			CONTRACT NO. 61B13	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(299)				



TYPICAL LANE AND EDGE LINE MARKING

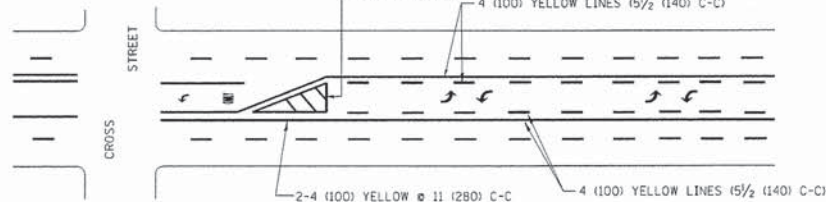


TYPICAL CROSSWALK MARKING

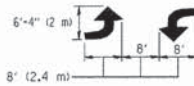


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

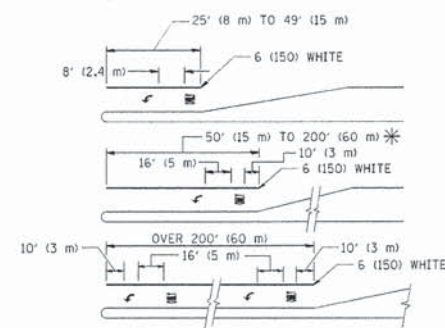


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

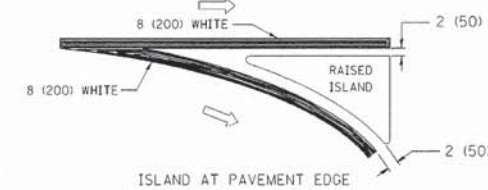
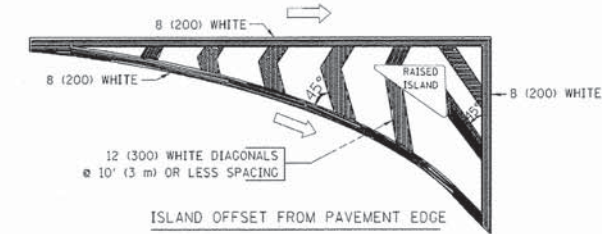
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
FOR ONE DIRECTION	5 (125) ON FREEWAYS	SKIP-DASH	WHITE	
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	2' (600) APART
				SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

	LARGE SIZE	SMALL SIZE
THROUGH ARROW	1.07 (11.5)	0.60 (6.5)
LEFT OR RIGHT ARROW	1.47 (15.6)	0.60 (6.5)
COMBINATION LEFT (RIGHT) AND THROUGH ARROW	2.42 (26.0)	1.37 (14.7)
RAILROAD "R" 1.8m (6ft.)	0.33 (3.6)	—
RAILROAD "X" 6.1m (20ft.)	5.02(54.0)	—
HANDICAPPED SYMBOL	0.43 (4.6)	—

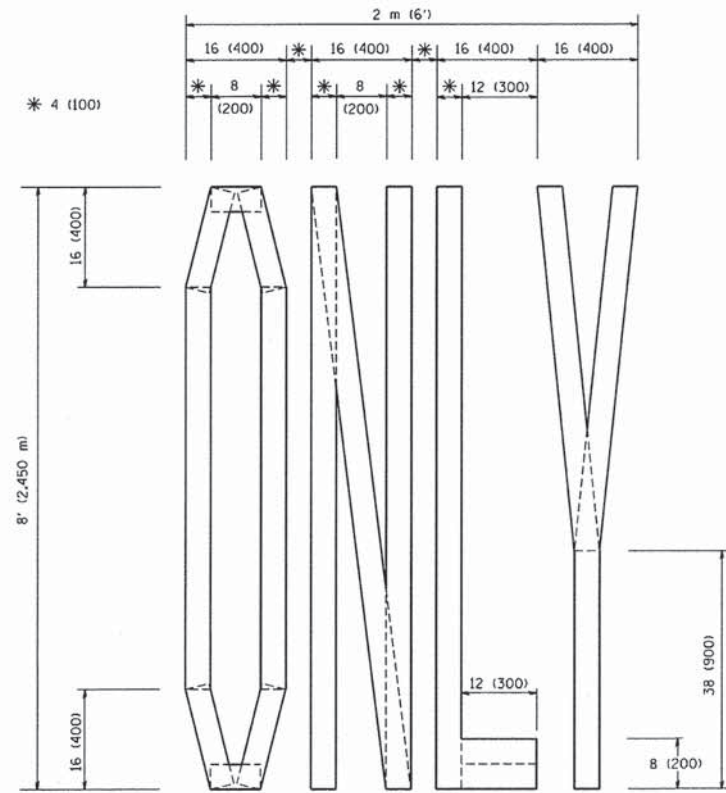
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

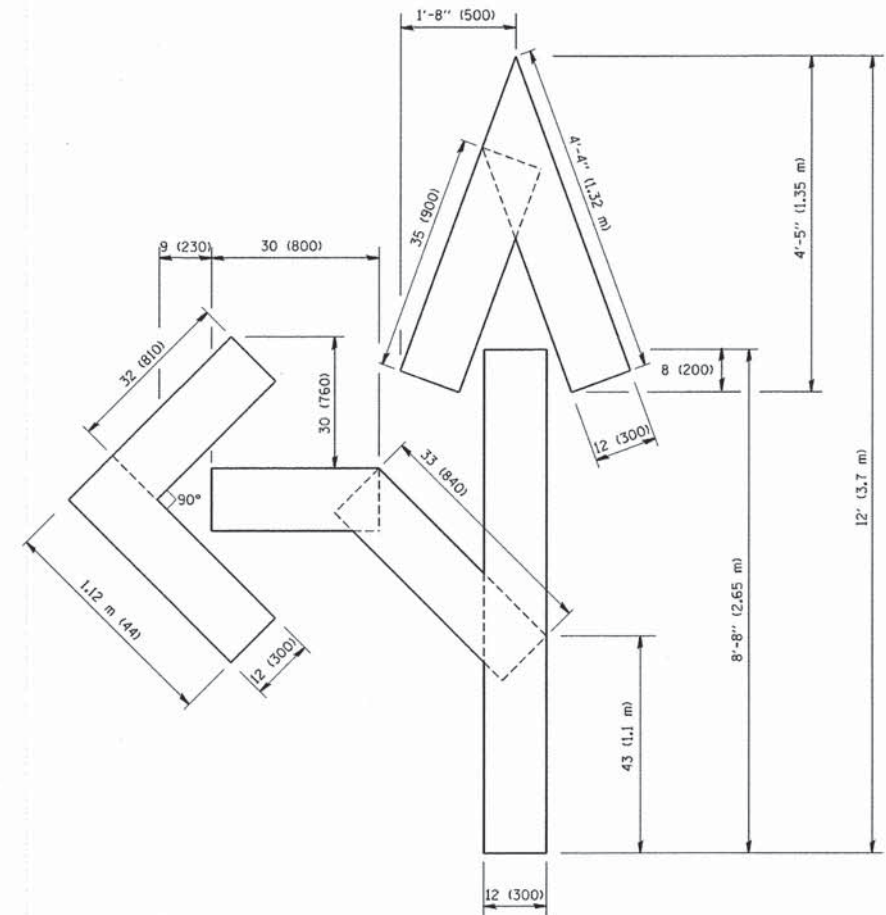
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

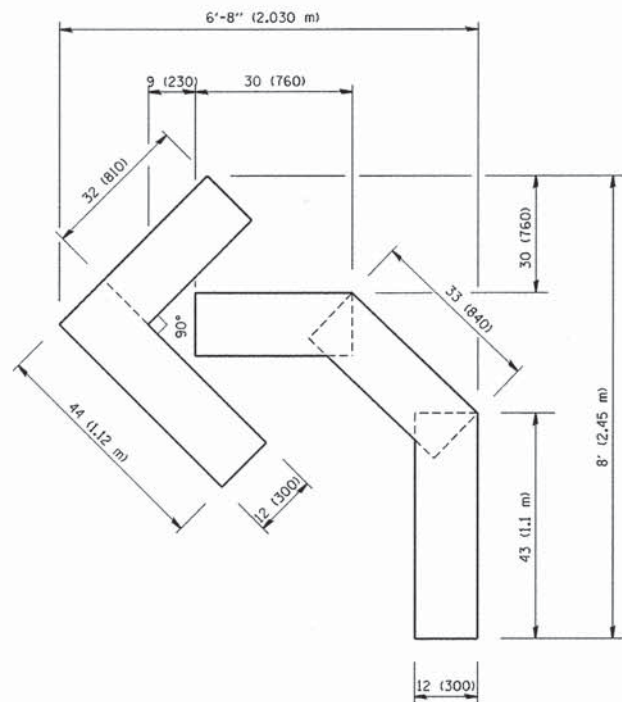
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			TC-13		CONTRACT NO. 61B13		
			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(299)				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

FILE NAME =
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USER NAME = gaglionabt

DESIGNED -
 DRAWN -

REVISED -T, RAMMACHER 06-05-96
 REVISED -T, RAMMACHER 11-04-97

PLOT SCALE = 50,0000' / IN.
 PLOT DATE = 1/4/2008

CHECKED -
 DATE - 09-18-94

REVISED -T, RAMMACHER 03-02-98
 REVISED -E, GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

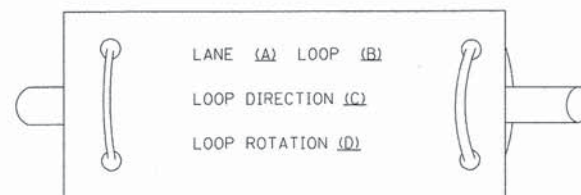
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	23
TC-16			CONTRACT NO. 61B13	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(299)				

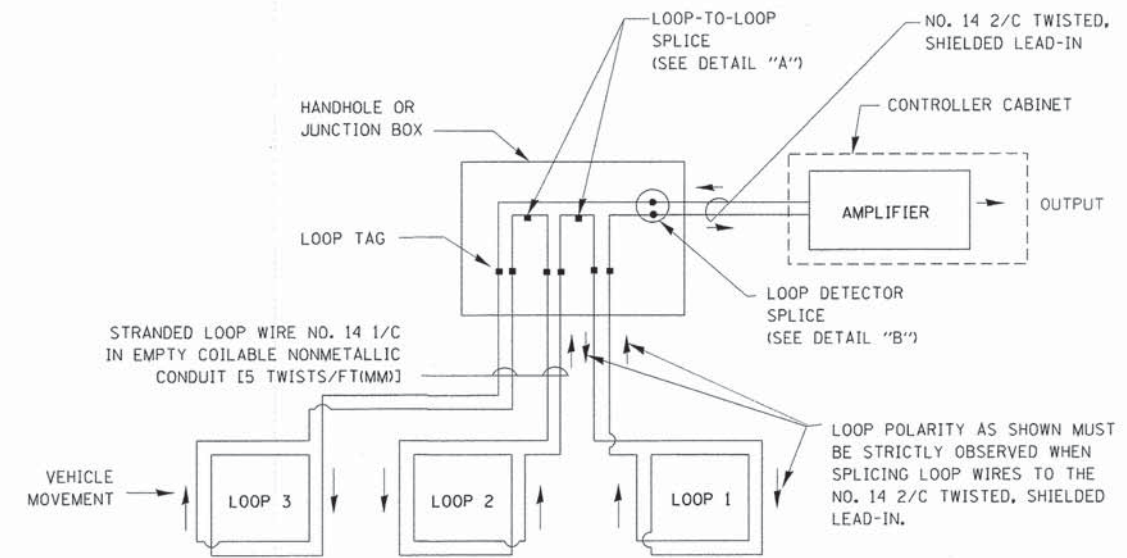
LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

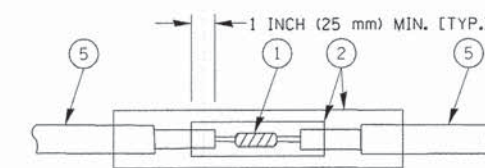


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

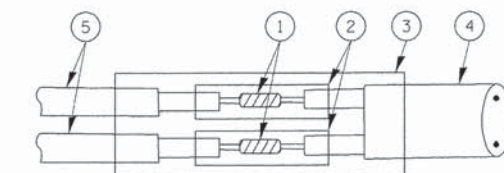


DETECTOR LOOP WIRING SCHEMATIC

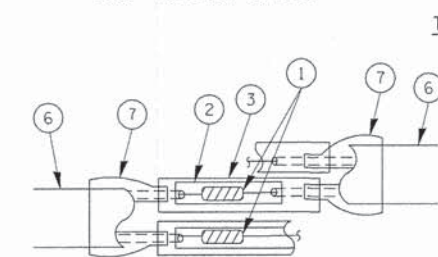
- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



DETAIL "A"
LOOP-TO-LOOP SPLICE

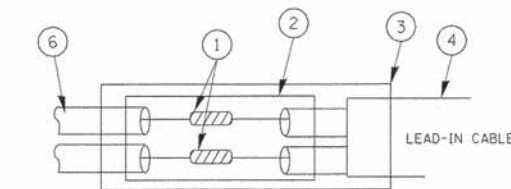


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE



DETAIL "A"
LOOP-TO-LOOP SPLICE

TYPE I LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSM 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- PREFORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME *	USER NAME = kanthaphixaybc	DESIGNED - DAD	REVISED -
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	PLOT DATE = 10/6/2009	DATE - 10/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

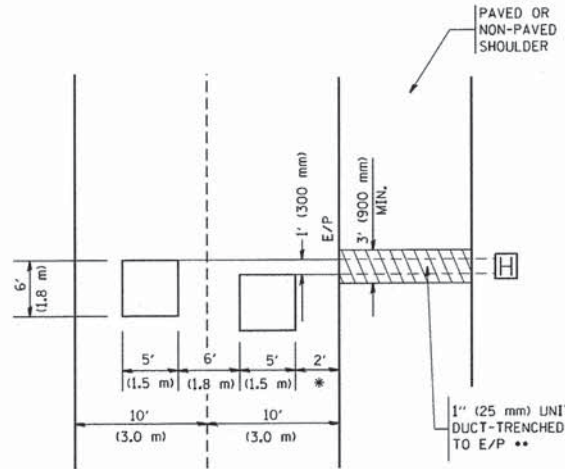
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	24
TS-05		CONTRACT NO. 61B13		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-4003(299)				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

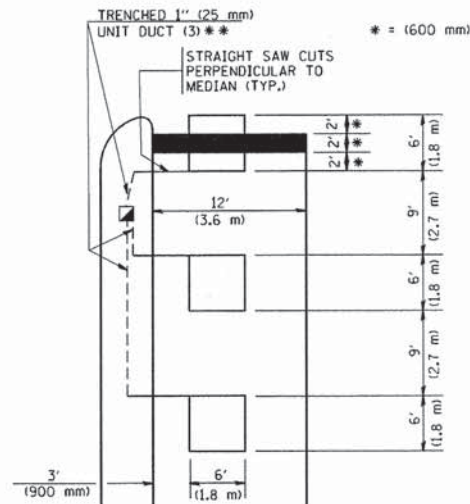


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

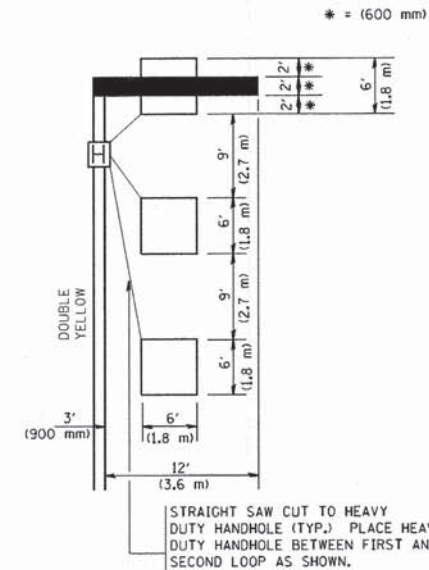
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

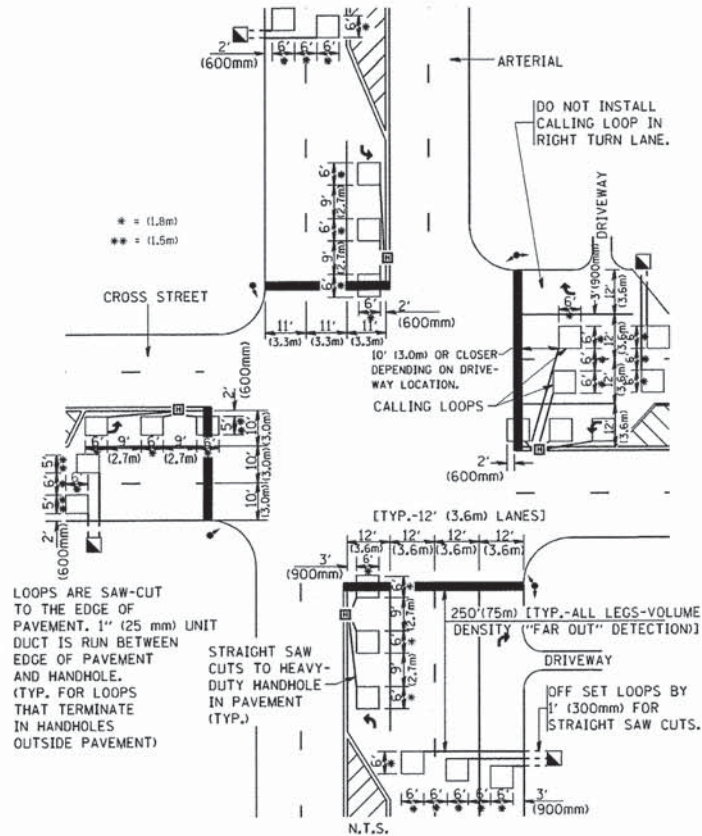
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**



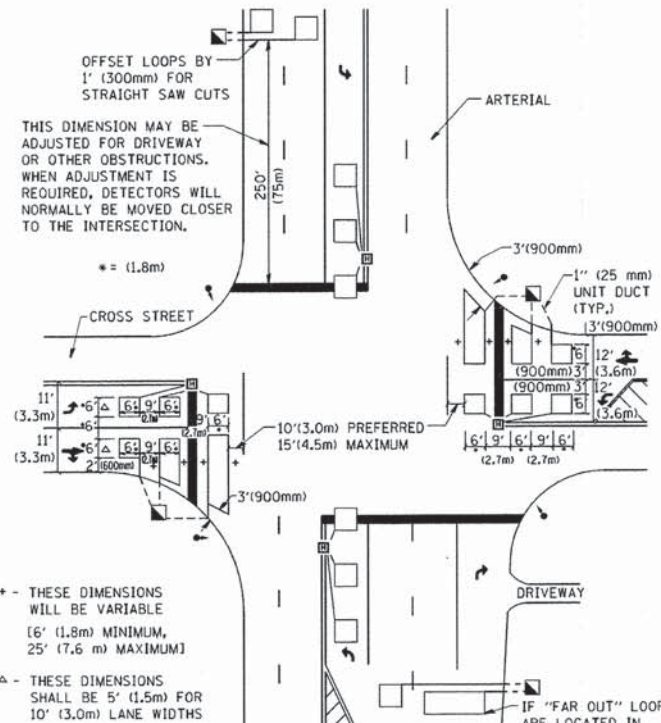
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



DETAIL 1
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DIMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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USER NAME = goglianobt
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PLOT DATE = 1/4/2008

DESIGNED -
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CHECKED - R.K.F.
DATE -

REVISED -
REVISED -
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2838	14-00092-00-RS	COOK	25	25
TS-07			CONTRACT NO. 61B13	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT M-4003(299)				