

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1358	09-00073-00-RS	COOK	14	1
		ILLINOIS	CONTRACT NO. 63454	

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES AND IDOT STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
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7 - 9	PROPOSED ROADWAY PLAN
10	CONSTRUCTION DETAILS
11	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
12	(BD-32) BUTT JOINT AND HMA TAPER DETAILS
13	(TC-13) DISTRICT ONE TYPICAL PAVEMENT MARKINGS
14	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

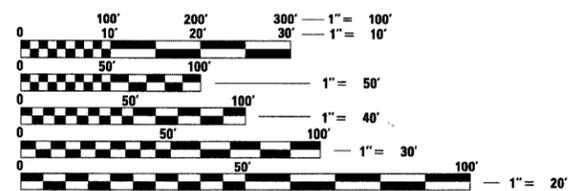
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**FAU 1358 (ARMITAGE AVENUE)
FAU 2690 (WOLF ROAD) TO 300' WEST OF FAP 330 (MANNHEIM ROAD)
SECTION NO.: 09-00073-00-RS
RESURFACING
PROJECT NO.: ARA-M-9003(556)
COOK COUNTY
JOB NO.: C-91-312-10**



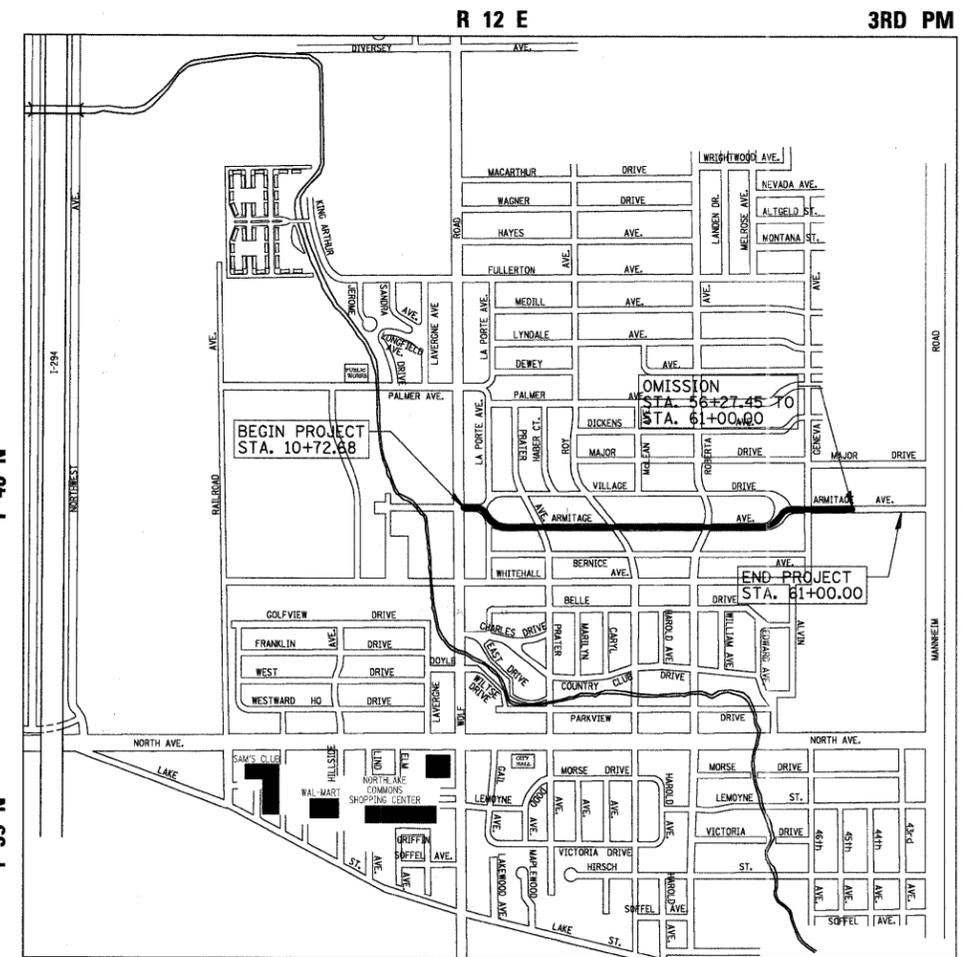
TRAFFIC DATA - ARMITAGE AVE.
ADT (YEAR) = 3,500 (2007)
POSTED SPEED LIMIT = 25 MPH
DESIGN DESIGNATION - 3500 (30) COLLECTOR (FD-20)

THE PROJECT IS LOCATED
IN THE CITY OF NORTHLAKE



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



LOCATION MAP

GROSS LENGTH OF PROJECT = 5,027 LINEAL FEET (0.95 MI.)
NET LENGTH OF PROJECT = 4,556 LINEAL FEET (0.87 MI.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 4-1 2010
[Signature]
MAYOR
CITY OF NORTHLAKE

PASSED April 06 2010
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW APRIL 8, 2010

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS
REGION ONE ENGINEER



CIVIL
April 1st, 2010
[Signature]
ANDREW M. PUFUNDT
ILLINOIS REGISTRATION No. 062-061729 ENGINEER
EXPIRATION DATE: 11/30/11

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500
PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/11

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FIELD ENGINEER: MARILIN SOLOMON TEL. 847-705-4407

CONTRACT NO. 63454

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE "DETAILS" IN THE PLANS, LATEST EDITION OF THE MANUAL OF TEST PROCEDURE OF MATERIALS, THE AMERICAN WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE ILLINOIS ACCESSABILITY CODE, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE CITY IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

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

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE CITY DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 OR 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE ENGINEER, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS, ELEVATIONS SHOWN AT POINT OF CURVE, ETC. IS EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

WATER, STORM SEWER AND SANITARY SEWER

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE COMPLETED PER ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE CITY WATER DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

MISCELLANEOUS

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEM AGGREGATE FOR TEMPORARY ACCESS.

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

ALL SAWCUTTING SHALL BE INCLUDED TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.

DETECTABLE WARNINGS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS, SIGNALIZED COMMERCIAL DRIVEWAYS AND SIGNALIZED ALLEYS AS DIRECTED BY THE ENGINEER (SEE IDOT STD. 424001-05 INCLUDED IN THE SPECIFICATIONS). CONTRACTOR SHALL VERIFY THAT ALL SLOPES MEET ADA REQUIREMENTS PRIOR TO INSTALLING SIDEWALK DETECTABLE WARNINGS AND ADJACENT CURB AND GUTTER.

PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". STOP SIGNS, SPEED LIMIT SIGNS, AND STREET NAME SIGNS SHALL BE UP AND VISIBLE AT ALL TIMES. THIS WORK SHALL BE PERFORMED PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

PER ARTICLE 107.20, MAILBOXES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED, TEMPORARILY RELOCATED, AND REPLACED UPON COMPLETION OF THE PROPOSED IMPROVEMENTS AS DIRECTED BY THE ENGINEER.

PROPOSED CONCRETE CURB AND GUTTER SHALL BE TRANSITIONED TO EXISTING CURB AND GUTTER OVER A LENGTH OF 6 FEET. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.

ALL UNDERGROUND, DRIVEWAY, CONCRETE, AND LANDSCAPE RESTORATION WORK IS TO BE COMPLETED BEFORE THE SURFACE COURSE CAN BE INSTALLED.

THE HMA SURFACE COURSE USED TO REPLACE DRIVEWAYS WILL BE PAID FOR PER TON.

PROTECTIVE COAT FOR ALL CONCRETE SURFACES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE RESPECTIVE PAY ITEM.

ANY DEFACED WORK SHALL BE CORRECTED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE PRIOR TO FINAL PAYMENT. THE CITY SHALL COOPERATE WITH THE CONTRACTOR TO MINIMIZE VANDALISM, BUT THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE TO CORRECT ANY DAMAGE PER CONDITIONS OF ARTICLE 107.30 OF THE STANDARD SPECIFICATIONS.

FOR HOT-MIX ASPHALT SURFACE REMOVAL, THE EXISTING ASPHALT SURFACE SHALL BE REMOVED TO THE DEPTH SPECIFIED. THE GRINDINGS SHALL BE REMOVED FROM THE SITE AND THE SURFACE MECHANICALLY BROOMED UNTIL THE SURFACE IS COMPLETELY FREE OF ANY LOOSE MATERIAL AND DEBRIS. GRINDING OF THE EXISTING CONCRETE BASE MAY BE REQUIRED TO ESTABLISH THE SPECIFIED DEPTH. CONCRETE GRINDING SHALL BE CONSIDERED INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL.

CLASS D PATCHES SHALL CONSIST OF REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT AT LOCATIONS DIRECTED BY THE ENGINEER. AFTER MILLING IS COMPLETE, THE EXISTING PAVEMENT INCLUDING THE BASE AND HMA SURFACE SHALL BE REMOVED TO A DEPTH OF SIX (6) INCHES AND REPLACED WITH SIX (6) INCHES OF HMA MIX. THE SURFACE OF THE PATCH SHALL MEET THE SURFACE OF THE GROUND OF THE HOT-MIX ASPHALT SURFACE REMOVAL. ALL HOLES, SOFT PLACES AND OTHER DEFECTS IN THE SUBBASE OR SUBGRADE SHALL BE CORRECTED BY THE CONTRACTOR BY REMOVING THE UNSUITABLE MATERIAL, ADDING MORE HMA MIX AS SPECIFIED IN SECTION 406 OF STANDARD SPECIFICATIONS.

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 18-5	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

FILE NAME =	USER NAME = EDTODA	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND IDOT STANDARDS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\NORTHLAKE\940032do103\Civil\gnot.dwg	3.sht	DRAWN - EDT	REVISED -		1358	09-00073-00-RS	COOK	14	2				
PLOT SCALE = N.T.S.	CHECKED - MEW	REVISED -			CONTRACT NO. 63454								
PLOT DATE = 3/22/2010	DATE - 11/12/09	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

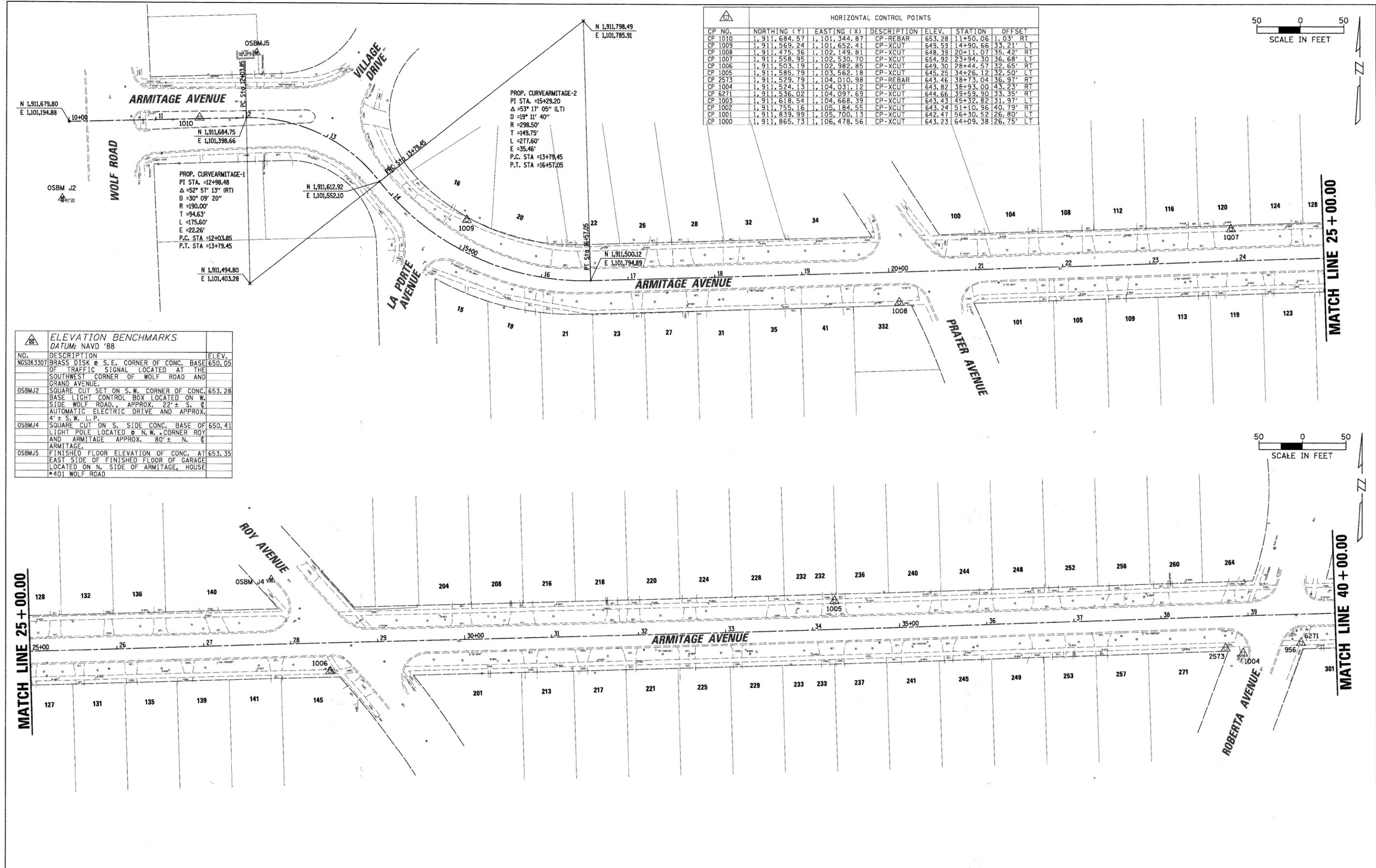
SUMMARY OF QUANTITIES

LOCATION OF WORK				ARA	STP - LAPP	TOTAL
				ARMITAGE AVE. 100% FED.	ARMITAGE AVE. 80% FED. 20% LOCAL	ARMITAGE AVE.
FUNDING SOURCE				ARA	STP	
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
ITEM #	ITEM	UNIT		1000	1000	1000
	20101200	TREE ROOT PRUNING	EACH	0	10	10
	28000510	INLET FILTERS	EACH	0	43	43
	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	175	25	200
	35800200	AGGREGATE BASE REPAIR	TON	0	20	20
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	0	400	400
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1690	40	1730
	40600300	AGGREGATE (PRIME COAT)	TON	30	5	35
	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1455	75	1530
	40600895	CONSTRUCTING TEST STRIP	EACH	1	0	1
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	225	25	250
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1860	85	1945
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	75	10	85
~	42300720	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH, SPECIAL	SQ YD	25	25	50
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3500	0	3500
	42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	925	50	975
	42400800	DETECTABLE WARNINGS	SQ FT	340	0	340
	44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	16900	400	17300
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	975	50	1025
	44000600	SIDEWALK REMOVAL	SQ FT	4475	0	4475
~	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1660	0	1660
	44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	75	315	390
	44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	75	315	390
	44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	75	315	390
	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	75	315	390
	44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	16900	400	17300
	60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	0	1
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	0	1
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	4	5
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	4	5
	67100100	MOBILIZATION	L SUM	1	0	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0	1
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	72.8	0	72.8
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1575	75	1650
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	235	15	250
~	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0	1
~	Z0018100	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)	EACH	19	0	19
~	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	28	0	28

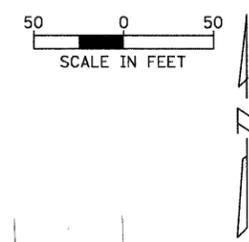
~ INDICATES SPECIAL PROVISION

* INDICATES SPECIALTY ITEM

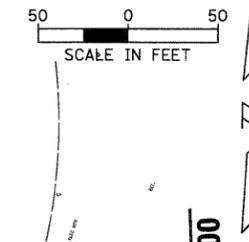
FILE NAME =	USER NAME = EDTODA	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
N:\NORTHLAKE\940032\0103\Civil\qae.dwg		DRAWN - EDT	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	1358	09-00073-00-RS	COOK	14	3
		CHECKED - MEW	REVISED -												
		DATE - 11/12/09	REVISED -											CONTRACT NO. 63454	
												ILLINOIS FED. AID PROJECT			



HORIZONTAL CONTROL POINTS						
CP NO.	NORTHING (Y)	EASTING (X)	DESCRIPTION	ELEV.	STATION	OFFSET
CP 1010	1,911,684.57	1,101,344.87	CP-REBAR	653.28	11+50.06	1.03' RT
CP 1009	1,911,569.24	1,101,652.41	CP-XCUT	649.59	14+90.66	33.21' LT
CP 1008	1,911,475.36	1,102,149.81	CP-XCUT	648.39	20+11.07	35.42' RT
CP 1007	1,911,558.95	1,102,530.70	CP-XCUT	654.92	23+94.30	36.68' LT
CP 1006	1,911,503.19	1,102,982.85	CP-XCUT	649.30	28+44.57	32.65' RT
CP 1005	1,911,585.79	1,103,562.18	CP-XCUT	645.25	34+26.12	32.50' RT
CP 2573	1,911,529.79	1,104,010.98	CP-REBAR	643.46	38+73.04	36.97' RT
CP 1004	1,911,524.13	1,104,031.12	CP-XCUT	643.82	38+93.00	43.23' RT
CP 6271	1,911,536.02	1,104,097.69	CP-XCUT	644.66	39+59.90	33.35' RT
CP 1003	1,911,618.54	1,104,668.39	CP-XCUT	643.43	45+32.82	31.97' LT
CP 1002	1,911,755.16	1,105,184.55	CP-XCUT	643.24	51+10.96	40.79' RT
CP 1001	1,911,839.99	1,105,700.13	CP-XCUT	642.47	56+30.52	26.80' LT
CP 1000	1,911,865.73	1,106,478.56	CP-XCUT	643.23	64+09.38	26.75' LT

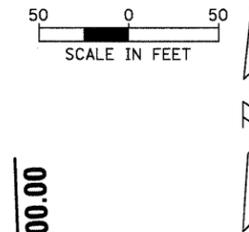


ELEVATION BENCHMARKS DATUM: NAVD '88		
NO.	DESCRIPTION	ELEV.
NGSDK3307	BRASS DISK @ S.E. CORNER OF CONC. BASE OF TRAFFIC SIGNAL LOCATED AT THE SOUTHWEST CORNER OF WOLF ROAD AND GRAND AVENUE.	650.05
OSBMJ2	SQUARE CUT SET ON S.W. CORNER OF CONC. BASE LIGHT CONTROL BOX LOCATED ON W. SIDE WOLF ROAD, APPROX. 22' ± S. & AUTOMATIC ELECTRIC DRIVE AND APPROX. 4' ± S.W. L.P.	653.28
OSBMJ4	SQUARE CUT ON S. SIDE CONC. BASE OF LIGHT POLE LOCATED @ N.W. CORNER ROY AND ARMITAGE APPROX. 80' ± N. & ARMITAGE.	650.41
OSBMJ5	FINISHED FLOOR ELEVATION OF CONC. AT EAST SIDE OF FINISHED FLOOR OF GARAGE LOCATED ON N. SIDE OF ARMITAGE, HOUSE #401 WOLF ROAD	653.35



FILE NAME = N:\NORTHLAKE\940232\013\Cv1\1\bm_k.dwg	USER NAME = EDTODA	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS	F.A. RTE. 1358	SECTION 09-00073-00-RS	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 5		
PLDT SCALE = 50'	CHECKED - MEW	REVISIED -	SCALE: 50'			SHEET NO. 1 OF 2 SHEETS	STA. 10+00.00 TO STA. 40+00.00	CONTRACT NO. 63454		ILLINOIS FED. AID PROJECT		
PLDT DATE = 3/22/2010	DATE = 11/12/09	REVISIED -										

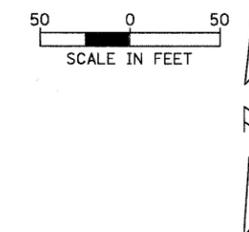
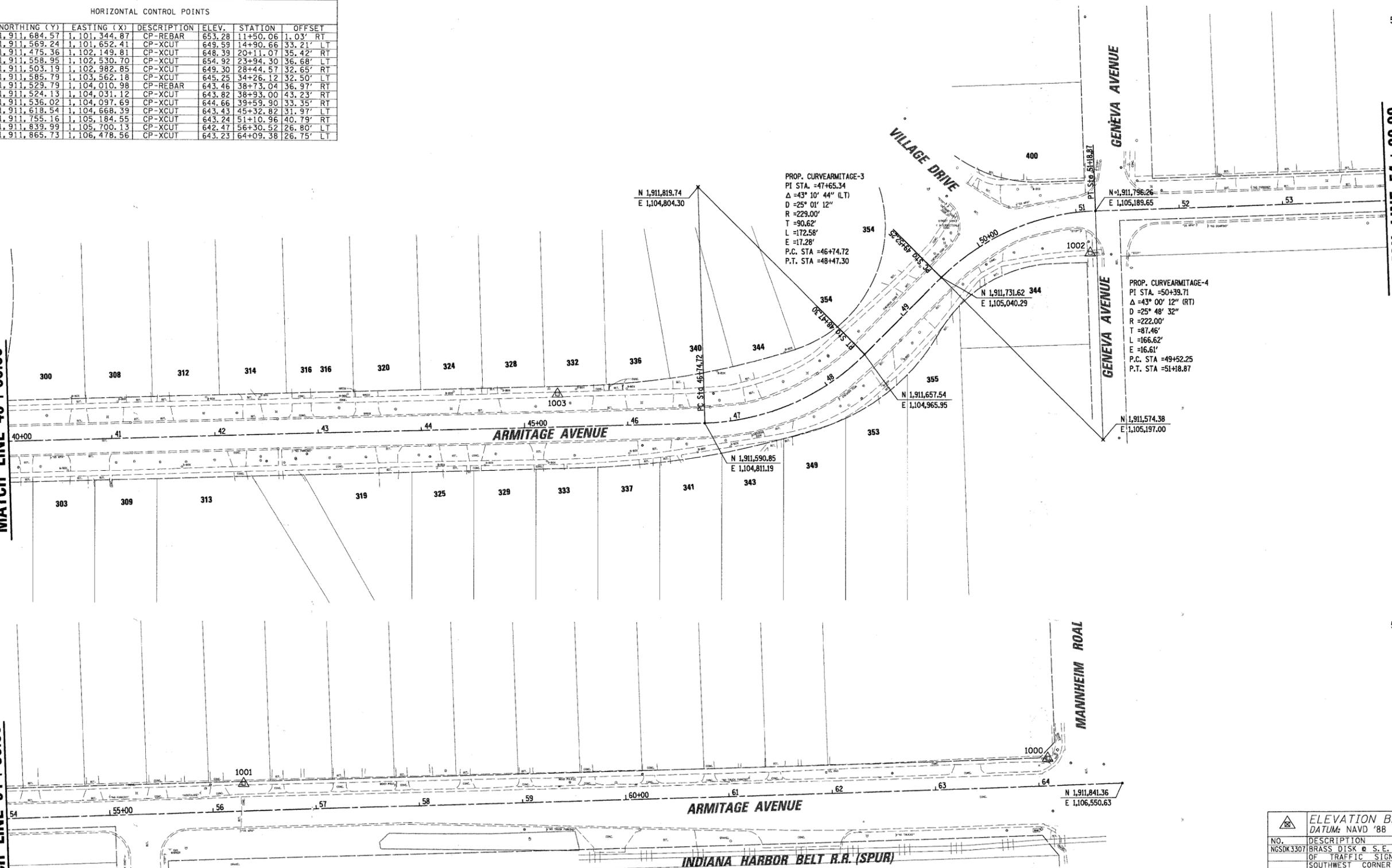
HORIZONTAL CONTROL POINTS						
CP NO.	NORTHING (Y)	EASTING (X)	DESCRIPTION	ELEV.	STATION	OFFSET
CP 1010	1,911,684.57	1,101,344.87	CP-REBAR	653.28	11+50.06	1.03' RT
CP 1009	1,911,569.24	1,101,652.41	CP-XCUT	649.59	14+90.66	33.21' LT
CP 1008	1,911,475.36	1,102,149.81	CP-XCUT	648.39	20+11.07	35.42' RT
CP 1007	1,911,558.95	1,102,530.70	CP-XCUT	654.92	23+94.30	36.68' LT
CP 1006	1,911,503.19	1,102,982.85	CP-XCUT	649.30	28+44.57	32.65' RT
CP 1005	1,911,585.79	1,103,562.18	CP-XCUT	645.25	34+26.12	32.50' LT
CP 2573	1,911,529.79	1,104,010.98	CP-REBAR	643.46	38+73.04	36.97' RT
CP 1004	1,911,524.13	1,104,031.12	CP-XCUT	643.82	38+93.00	43.23' RT
CP 6271	1,911,536.02	1,104,097.69	CP-XCUT	644.66	39+59.90	33.35' RT
CP 1003	1,911,618.54	1,104,668.39	CP-XCUT	643.43	45+32.82	31.97' LT
CP 1002	1,911,755.16	1,105,184.55	CP-XCUT	643.24	51+10.96	40.79' RT
CP 1001	1,911,839.99	1,105,700.13	CP-XCUT	642.47	56+30.52	26.80' LT
CP 1000	1,911,865.73	1,106,478.56	CP-XCUT	643.23	64+09.38	26.75' LT



MATCH LINE 54 + 00.00

MATCH LINE 40 + 00.00

MATCH LINE 54 + 00.00



ELEVATION BENCHMARKS		
DATUM: NAVD '88		
NO.	DESCRIPTION	ELEV.
NGS0K3307	BRASS DISK @ S.E. CORNER OF CONC. BASE OF TRAFFIC SIGNAL LOCATED AT THE SOUTHWEST CORNER OF WOLF ROAD AND GRAND AVENUE.	650.05
OSBMJ2	SQUARE CUT SET ON S.W. CORNER OF CONC. BASE LIGHT CONTROL BOX LOCATED ON W. SIDE WOLF ROAD, APPROX. 22' ± S. & AUTOMATIC ELECTRIC DRIVE AND APPROX. 4' ± S.W. L.P.	653.28
OSBMJ4	SQUARE CUT ON S. SIDE CONC. BASE OF LIGHT POLE LOCATED @ N.W. CORNER ROY AND ARMITAGE APPROX. 80' ± N. OF ARMITAGE.	650.41
OSBMJ5	FINISHED FLOOR ELEVATION OF CONC. AT EAST SIDE OF FINISHED FLOOR OF GARAGE LOCATED ON N. SIDE OF ARMITAGE, HOUSE #401 WOLF ROAD	653.35

FILE NAME = N:\NORTH LAKE\940232.d\13\Cv1\1\bmks.dwg

USER NAME = EDT0DA
 PLOT SCALE = 5/8"
 PLOT DATE = 3/22/2010

DESIGNED - AMP
 DRAWN - EDT
 CHECKED - MEW
 DATE - 11/12/09

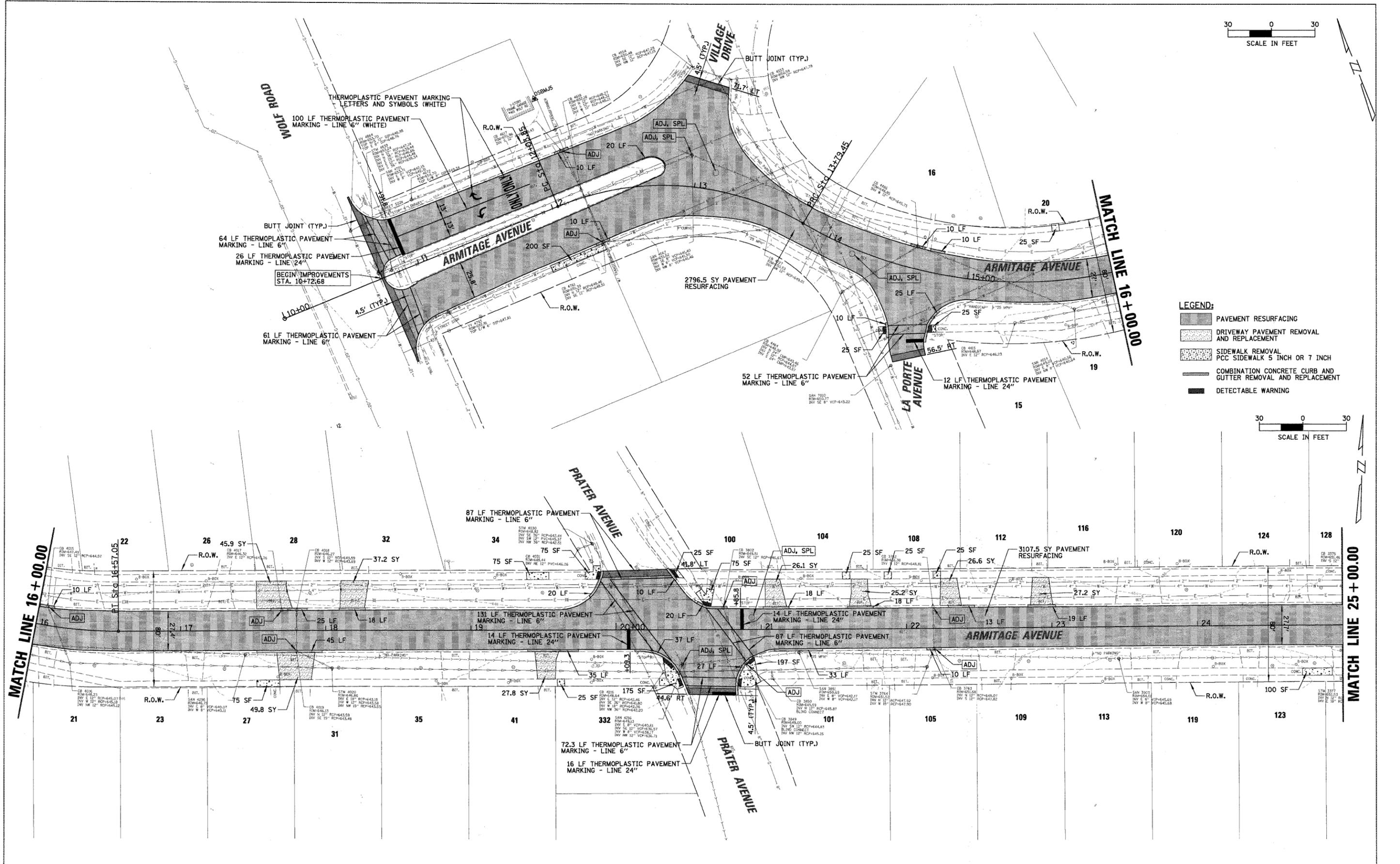
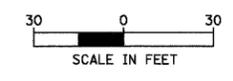
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

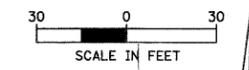
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 50' SHEET NO. 2 OF 2 SHEETS STA. 40+00.00 TO STA. 64+80.60

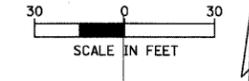
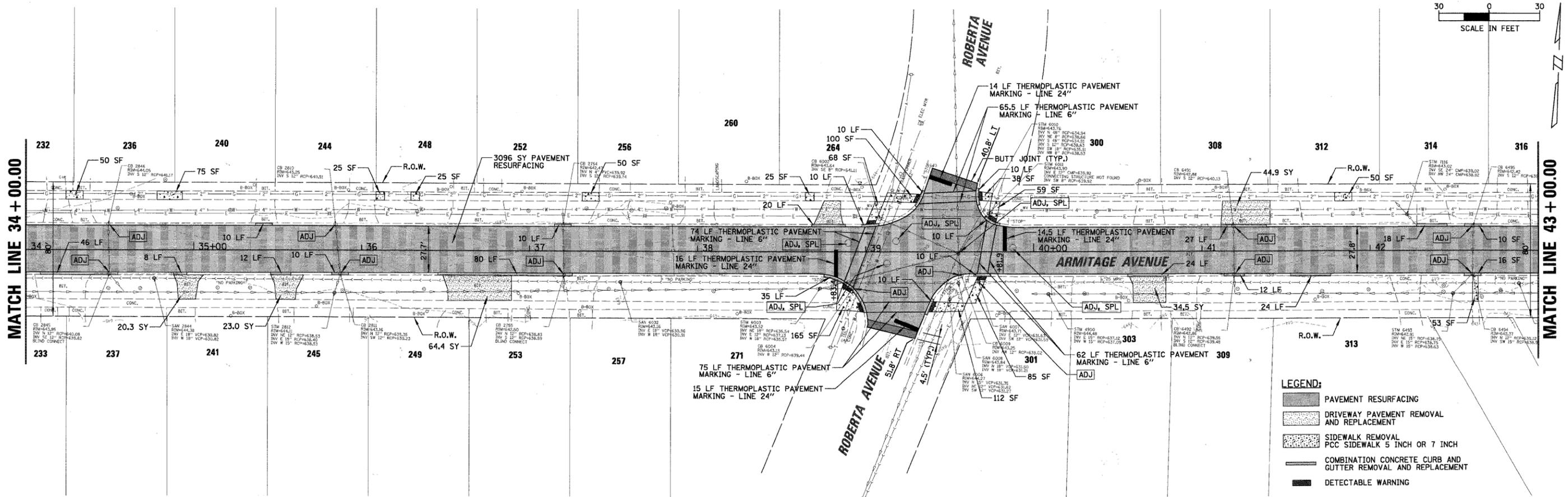
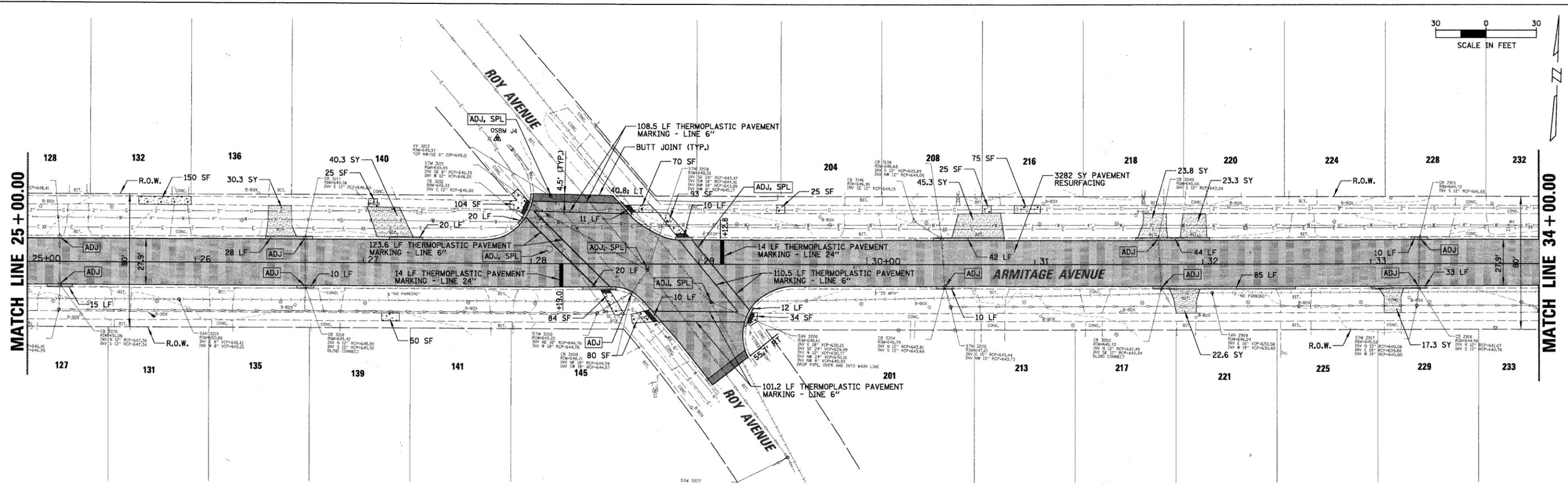
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
135B	09-00073-00-RS	COOK	14	6
CONTRACT NO. 63454			ILLINOIS FED. AID PROJECT	



- LEGEND:**
- PAVEMENT RESURFACING
 - DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT
 - SIDEWALK REMOVAL PCC SIDEWALK 5 INCH OR 7 INCH
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DETECTABLE WARNING



FILE NAME = N:\NORTH LAKE\940032\d03\civil\pro_d0103	USER NAME = EDT00A 01.SHT	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ROADWAY PLAN ARMITAGE AVENUE	F.A. RTE. 1358	SECTION 09-0073-00-RS	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 7		
PLOT SCALE = 30'						SCALE: 30'		SHEET NO. 1 OF 3 SHEETS		STA. 10+00.00 TO STA. 25+00.00		CONTRACT NO. 63454
PLOT DATE = 3/22/2010						DATE = 11/12/09		ILLINOIS FED. AID PROJECT				



- LEGEND:**
- PAVEMENT RESURFACING
 - DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT
 - SIDEWALK REMOVAL PCC SIDEWALK 5 INCH OR 7 INCH
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DETECTABLE WARNING

FILE NAME = N:\NORTHLAKE\9400232d\03C\civil\pro-d\03

USER NAME = EDT00A
 02.SHT
 PLOT SCALE = 3/8"
 PLOT DATE = 3/22/2010

DESIGNED - AMP
 DRAWN - EDT
 CHECKED - MEW
 DATE - 11/12/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY PLAN
 ARMITAGE AVENUE**

SCALE: 3/8" SHEET NO. 2 OF 3 SHEETS STA. 25+00.00 TO STA. 43+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1358	09-00073-00-RS	COOK	14	8
			CONTRACT NO. 63454	
ILLINOIS FED. AID PROJECT				

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 SEEDING, CLASS 1, EROSION CONTROL BLANKET AND TOP SOIL, 4" (100) 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.

SEEDING CLASS 1, EROSION CONTROL BLANKET AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

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 USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

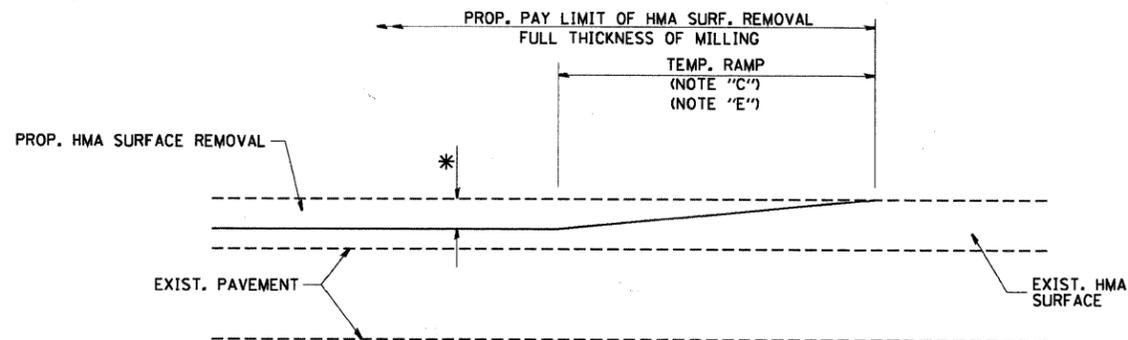
BASIS OF PAYMENT:

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

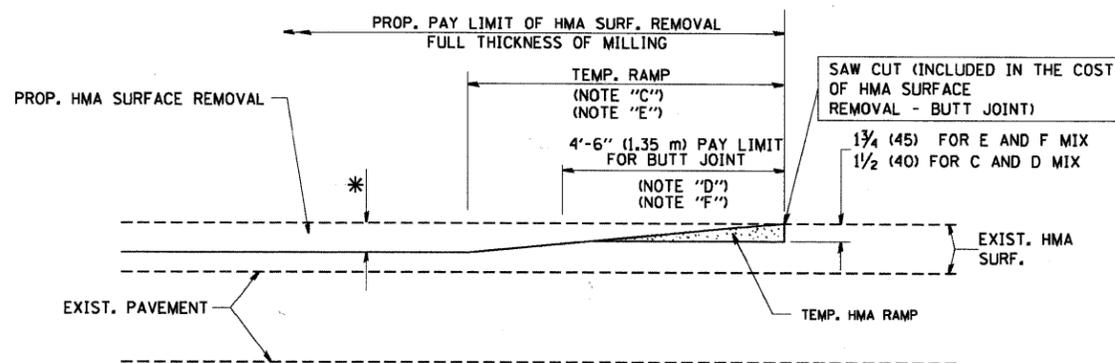
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = N:\NORTI	USER NAME = drvakosgn	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. RTE. = 1358	SECTION = 09-00073-0-RS	COUNTY = COOK	TOTAL SHEETS = 14	SHEET NO. = 11
PLOT SCALE = 50,000 / 1 IN.	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 63454		
PLOT DATE = 12/15/2009	CHECKED -	REVISED - R. BORO 12-15-09	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
	DATE = 03-11-94									



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

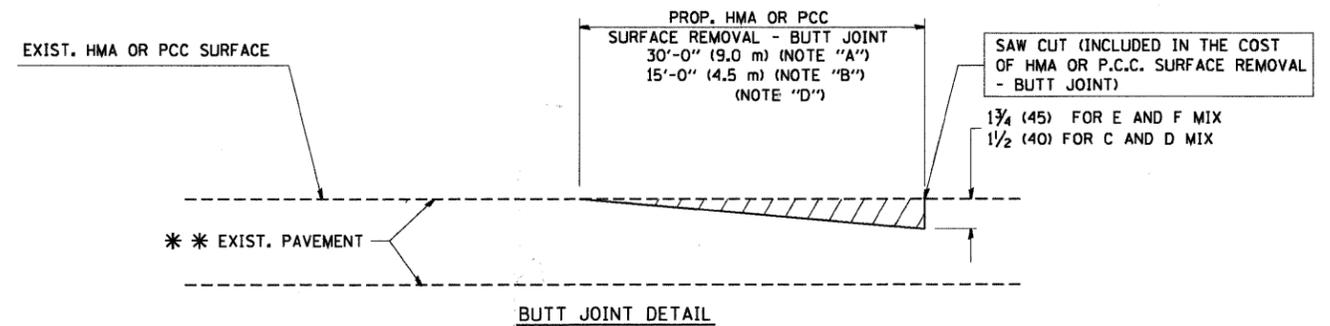
OPTION 1



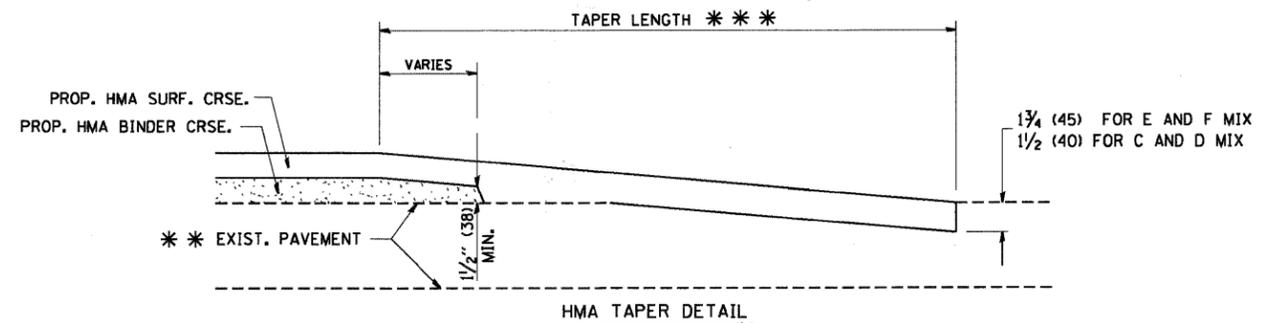
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

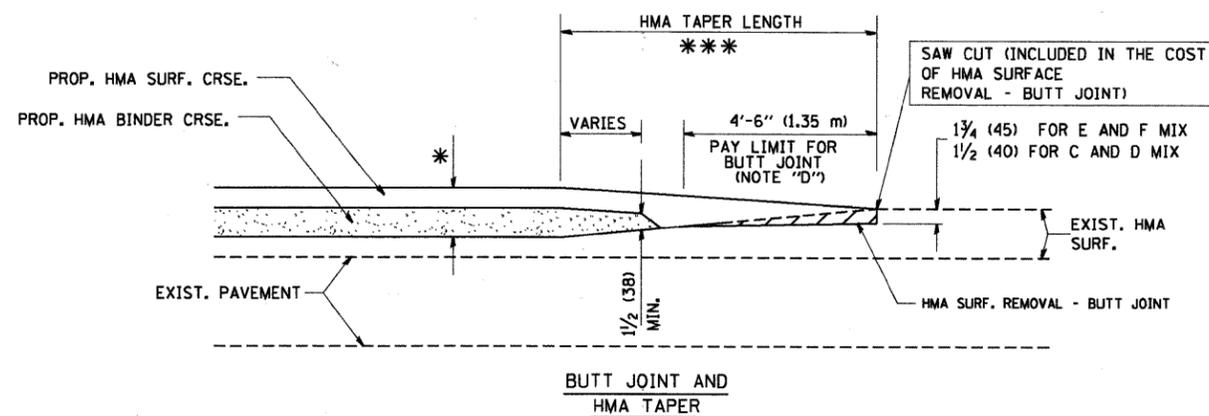
NOTES

- 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".

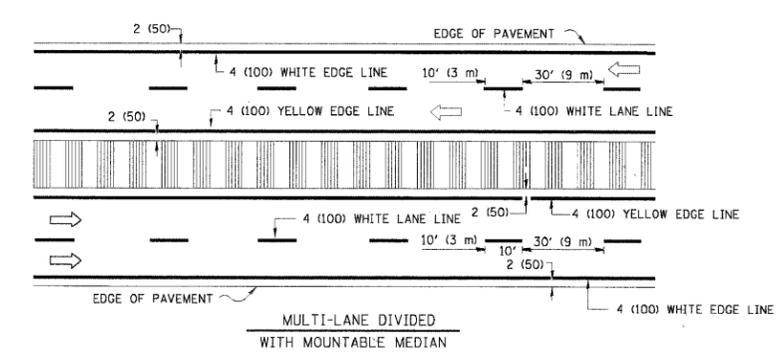
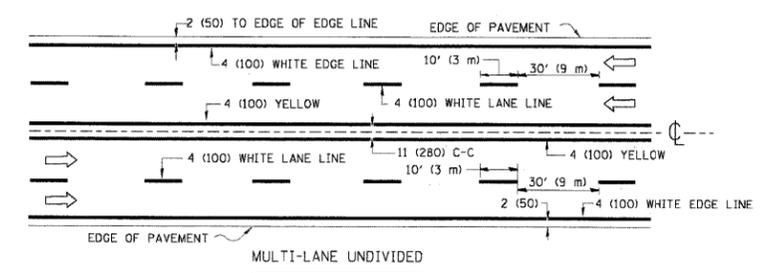
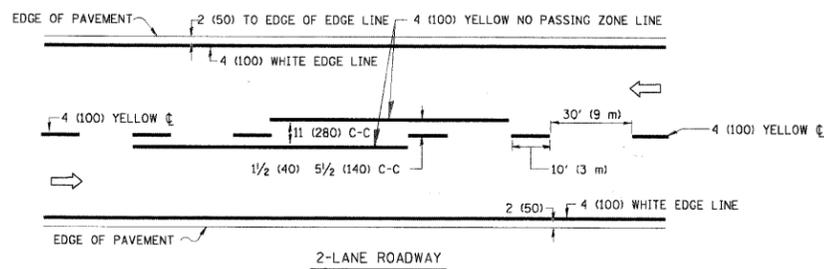
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



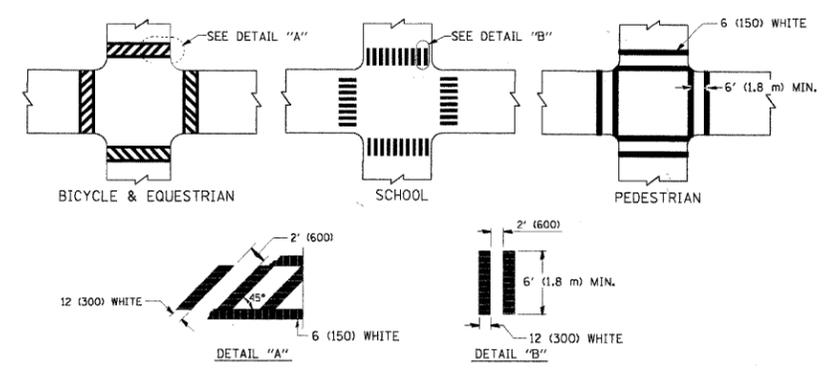
BUTT JOINT AND
HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING

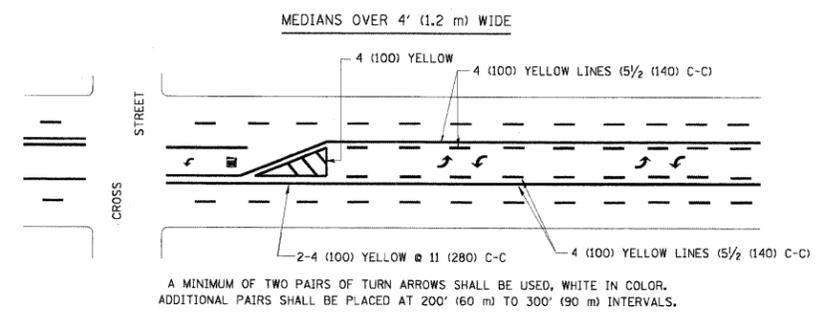
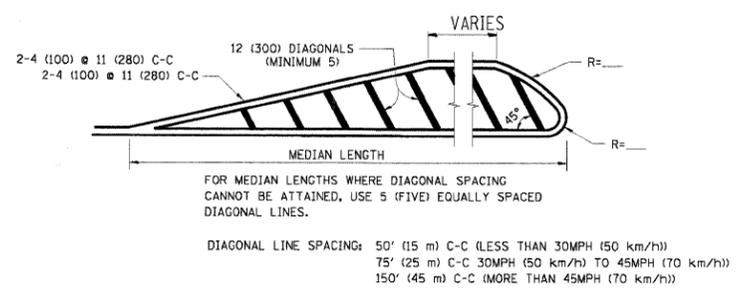
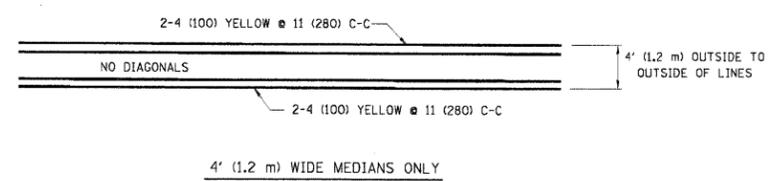
FILE NAME = N:\NORTH LAKE\940032\dc103\Civil\st	USER NAME = geglionobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS		F.A. RTE. 135B	SECTION 09-00073-00-RS	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 12
	22_dc103.sht	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		BD400-05 BD32		CONTRACT NO. 63454		
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07								



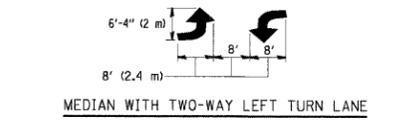
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE
TYPICAL LANE AND EDGE LINE MARKING



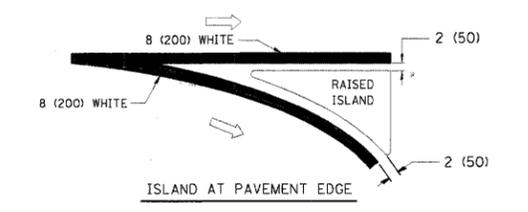
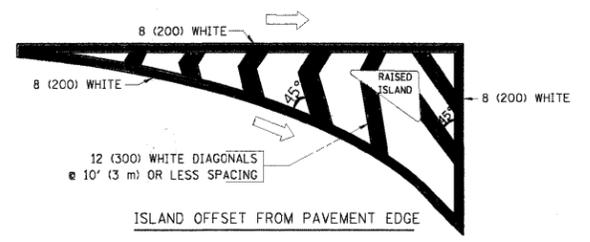
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING

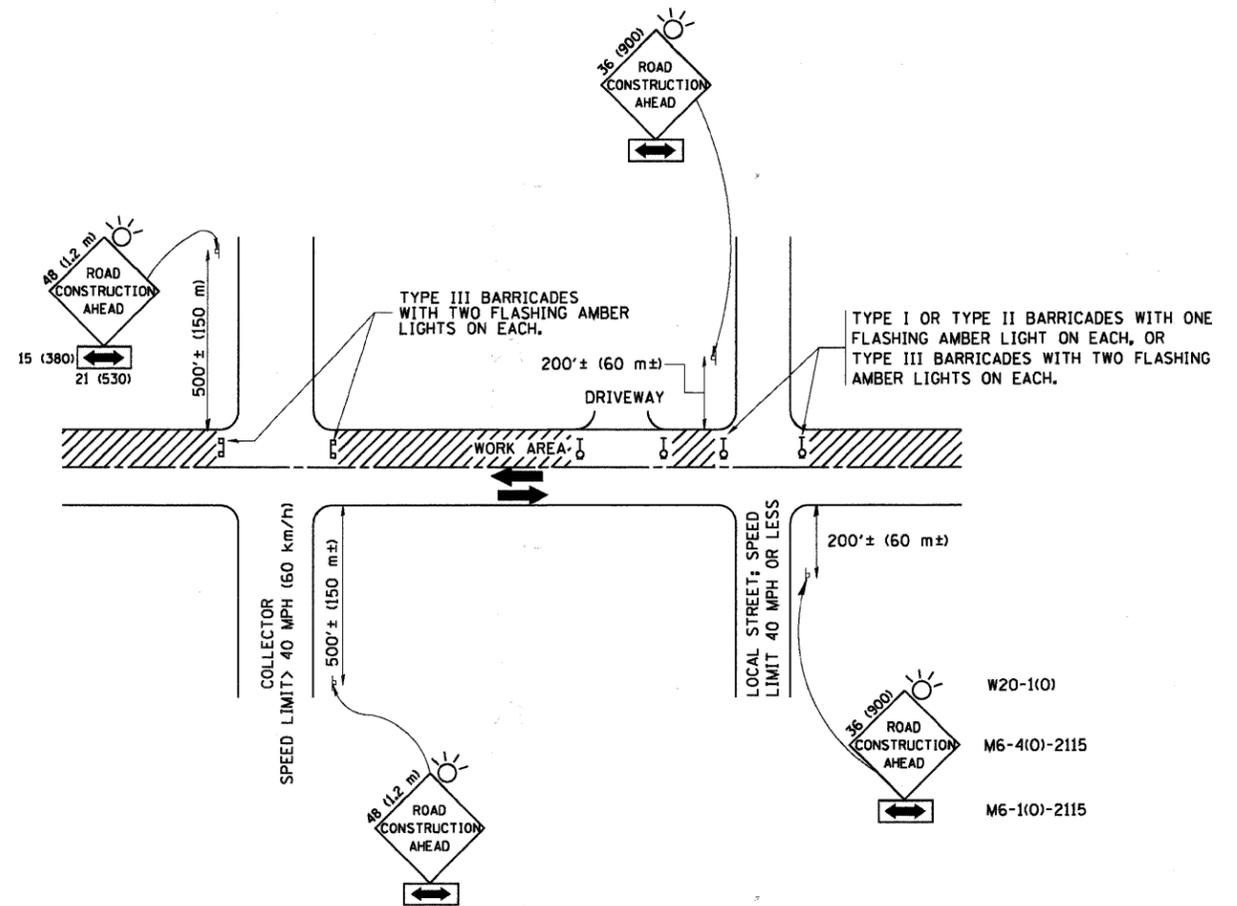


TYPICAL ISLAND MARKING

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	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
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; 5/2 (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.
CORE 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" IS 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.

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



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.

FILE NAME =	USER NAME = geglienobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
N:\NORTHLAKE\940032dc103\Civil\st	4_dc103.sht	DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1358	09-00073-00-RS	COOK	14	14
TC-10			CONTRACT NO. 63454	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				