

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	1
		ILLINOIS	CONTRACT NO. 61A43	

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	ALIGNMENT, TIES AND BENCHMARKS LAVERGNE AVENUE TO WOLF ROAD
6	ALIGNMENT, TIES AND BENCHMARKS PRATER AVENUE TO ROY AVENUE
7	REMOVAL PLAN - LAVERGNE AVENUE TO WOLF ROAD
8	REMOVAL PLAN - PRATER AVENUE TO ROY AVENUE
9	REMOVAL PLAN - PRATER AVENUE
10	PLAN AND PROFILE - LAVERGNE AVENUE TO WOLF ROAD
11-12	PLAN AND PROFILE - PRATER AVENUE TO ROY AVENUE
13	PLAN AND PROFILE - PRATER AVENUE
14	ELECTRICAL PLAN
15	DETECTOR LOOP REPLACEMENT PLAN
16	PAVEMENT MARKING AND LANDSCAPING PLAN LAVERGNE AVENUE TO WOLF ROAD
17	PAVEMENT MARKING AND LANDSCAPING PLAN PRATER AVENUE TO ROY AVENUE
18	MAINTENANCE OF TRAFFIC PLANS
19	CONSTRUCTION DETAILS
20	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
21	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
22	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
23	ARTERIAL ROAD INFORMATION SIGN (TC-22)
24	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)
25	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)
26	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
27-34	CROSS SECTIONS

DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID HIGHWAY

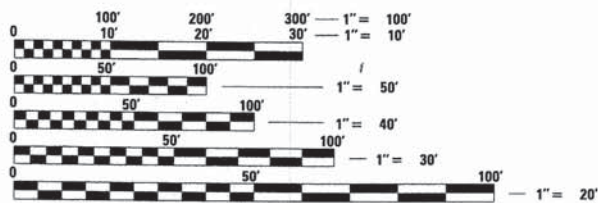
FAP 307 IL 64 (NORTH AVENUE)
LAVERGNE AVENUE TO ROY AVENUE
FRONTAGE ROAD RECONFIGURATION
SECTION NO. 13-00085-00-CH
PROJECT NO. M-4003 (257)

CITY OF NORTHLAKE
COOK COUNTY
JOB NO. C-91-152-14



TRAFFIC DATA - FRONTAGE ROAD AND PRATER AVENUE
CLASSIFICATION - LOCAL ROAD
ADT (2013) = 1000
SPEED LIMIT = 25 MPH

TRAFFIC DATA - NORTH AVENUE (IL 64)
ADT (2013) = 44,500
SPEED LIMIT = 40 MPH



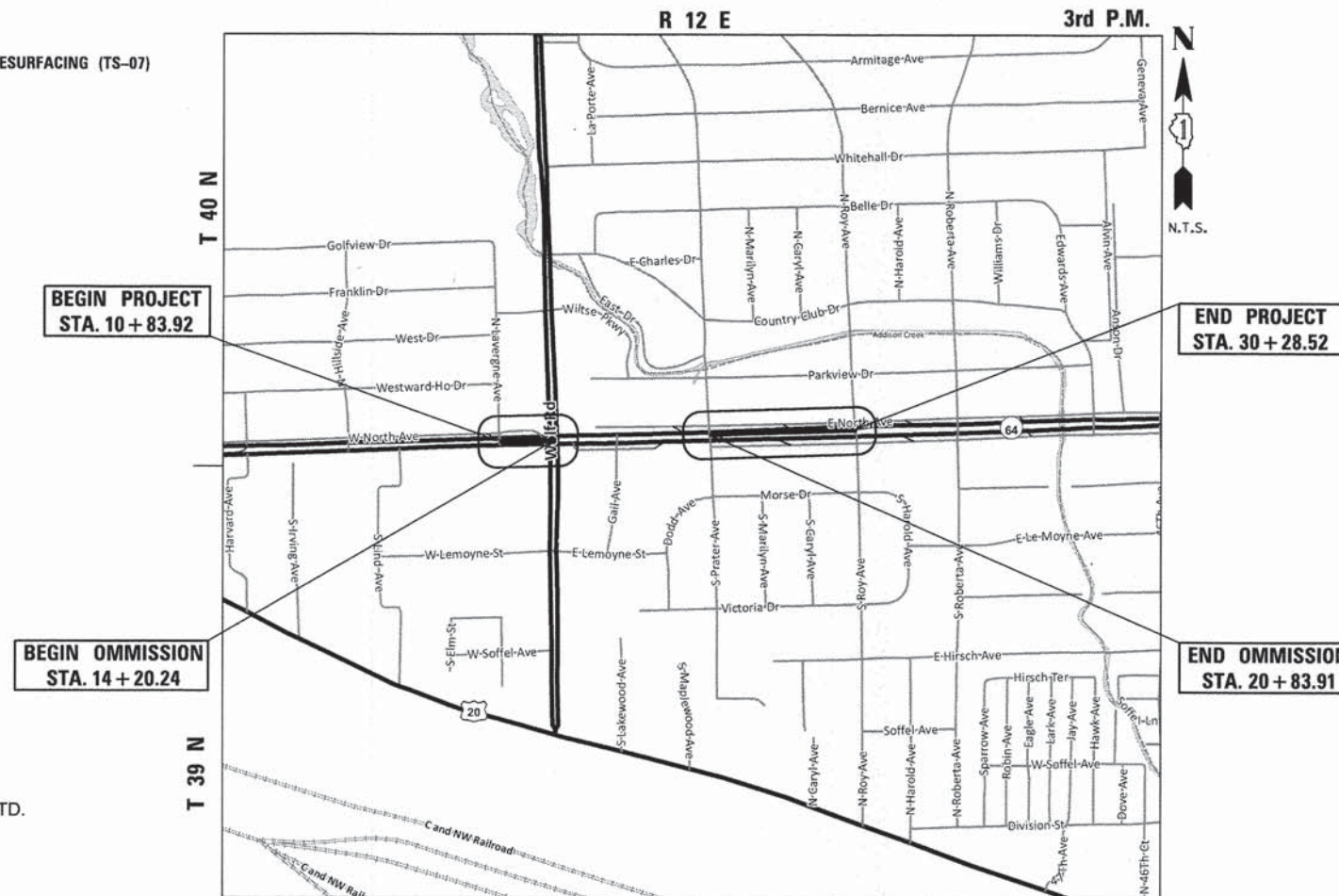
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

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: 04/30/15

CONTRACT NO. 61A43



LOCATION MAP - LEYDEN TOWNSHIP
GROSS LENGTH OF PROJECT = 2,314 FEET (0.44 MI.)
NET LENGTH OF PROJECT = 1,281 FEET (0.24 MI.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED March 20, 2014

[Signature]
MAYOR
CITY OF NORTHLAKE

PASSED April 9, 2014

[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW April 10, 2014

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS
REGION ONE ENGINEER



March 24, 2014

[Signature]
ANDREW M. PUFUNDT
ILLINOIS REGISTRATION No. 062-061729 ENGINEER
EXPIRATION DATE: 11/30/15

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OF THE STATE OF ILLINOIS

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018 (847) 823-0500

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

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, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2014; 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 AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LAWS AND GOVERNMENT AGENCY REGULATIONS AND RULES; AUTHORITIES HAVING JURISDICTION; OSHA REGULATIONS AND RULES; AND ANY APPLICABLE RULES AND REGULATIONS OF THE STATE OF ILLINOIS OR COOK COUNTY AGENCIES. FURTHERMORE, AND AS RELATED TO THE WORK, THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON THE SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.

UTILITIES

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 ENGINEER 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 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, HIS AGENT 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.

COST TO CONNECT EXISTING OR PROPOSED STORM SEWER TO EXISTING OR PROPOSED DRAINAGE STRUCTURE SHALL BE INCLUDED IN THE COST FOR STORM SEWER.

CONTRACTOR SHALL PROVIDE STRUCTURE LAYOUT INFORMATION TO THE ENGINEER PRIOR TO ORDERING ALL PROPOSED DRAINAGE STRUCTURES. THIS INFORMATION WILL BE DETERMINED IN THE FIELD WITH THE ENGINEER. COST TO DO THIS INVESTIGATIVE WORK SHALL BE INCLUDED IN THE COST FOR THE DRAINAGE STRUCTURE.

GENERAL NOTES

- 1. THE CITY OF NORTHLAKE AND ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR IN WRITING AT LEAST (3) FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR EXISTING UTILITIES IN CONFORMANCE WITH THE AFFECTED UTILITY COMPANIES' REQUIREMENTS AS MAY BE REQUIRED TO PERFORM THE WORK OF THIS CONTRACT.
3. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LINE AND GRADES SHOWN ON THE CONTRACT DRAWINGS. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY REPORT SAME TO THE ENGINEER PRIOR TO PERFORMING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK AS REQUIRED.

4. THE CONTRACT DOCUMENTS ARE NOT INTENDED TO SHOW EVERY AND ALL DETAILS OF WORK TO BE PERFORMED OR EQUIPMENT TO BE SUPPLIED. THE INTENT OF THE CONTRACT DOCUMENTS IS TO ILLUSTRATE THE CONCEPTUAL DESIGN AND LAYOUT. THE CONTRACTOR SHALL BE KNOWLEDGEABLE AND REGULARLY ENGAGED IN THE TYPE OF WORK DESCRIBED BY THESE CONTRACT DOCUMENTS, AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THEIR INTENT. ADDITIONAL WORK TO BE PERFORMED OR ITEM OF EQUIPMENT TO BE SUPPLIED WHICH IS NOT SPECIFICALLY CALLED FOR BY THESE CONTRACT DOCUMENTS BUT WHICH IS NECESSARY TO PROVIDE A COMPLETE AND SUCCESSFUL WORKING SYSTEM SHALL BE INCLUDED IN ACCORDANCE WITH ARTICLE 109.04.

5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE HIMSELF/HERSELF OF ALL CONDITIONS. NO CLAIMS FOR ADDITIONAL COMPENSATION FOR INDIVIDUAL PAY ITEMS WILL BE RECOGNIZED DUE TO THE CONTRACTOR'S FAILURE TO UNDERSTAND THE SCOPE OF WORK.

6. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

7. CERTAIN INFORMATION SHOWN ON THESE DRAWINGS HAS BEEN OBTAINED FROM DRAWINGS OF RECORD. CONTRACTOR SHALL VERIFY SUCH INFORMATION PRIOR TO ACTUAL START OF WORK. WHERE DISCREPANCIES ARE DISCOVERED THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. FAILURE BY THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER OF SUCH DISCREPANCIES SHALL RESULT IN THE CONTRACTOR BEARING THE FULL BURDEN OF ALL RISKS/COSTS ATTRIBUTED TO THE DISCOVERED DISCREPANCY.

8. SOIL EROSION PROTECTION SHALL BE IN ACCORDANCE WITH IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. ALL DISTURBED AREAS (NOT IMPERVIOUS IN NATURE) SHALL BE FINE GRADED, TOPSOIL RESTORED (MIN 4 INCHES) AND SEED/MULCH APPLIED UNLESS OTHERWISE SPECIFIED ON THE PLANS.

9. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE, BUT ARE NOT LIMITED TO, COMPLETING THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FORM LPC 663, ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE OR LOCAL TIPPING FEES.

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 PAY 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.

DETECTABLE WARNINGS FOR THE DISABLED SHALL BE INSTALLED AT ALL INTERSECTING STREETS, COMMERCIAL DRIVEWAYS, AND ALLEYS AS SHOWN ON THE PLANS (SEE IDOT STD. 424201).

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 5 FEET. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER.

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 WILL 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.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION / DIRECTION AND MEANS / METHODS OF CONSTRUCTION.

THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE LANE CLOSURES ON IL 64 (NORTH AVENUE) WILL ONLY BE ALLOWED WHEN NECESSARY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M.

DISTRICT ONE STANDARDS

- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22 ARTERIAL ROAD INFORMATION SIGN
TS-05 STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING
BD-32 BUTT JOINT AND HMA TAPER DETAILS

HIGHWAY STANDARDS

- 00001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALK
442201-03 CLASS C AND D PATCHES
602001-02 CATCH BASIN TYPE A
602011-02 CATCH BASIN TYPE C
604001-03 FRAME AND LIDS TYPE 1
606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701101-04 OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS- DAY ONLY
701427-02 LANE CLOSURE, MULTILANE, INTERMITTEN OR MOVING OPER., FOR SPEEDS < 40 MPH
701501-06 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W, WITH NONTRAVERSABLE MEDIAN
701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03 TRAFFIC CONTROL DEVICES
780001-04 TYPICAL PAVEMENT MARKINGS
886001-01 DETECTOR LOOP INSTALLATIONS
886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

Vertical sidebar containing project information, drawing status (CHECKED, NOTATED), and company logo for Christopher B. Burke Engineering Ltd.

Table with project metadata including File Name, User Name, Design/Revision status, State of Illinois Department of Transportation logo, Scale, Sheet number (2 of 34), and Contract No. 61A43.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			STP
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
			CONSTRUCTION TYPE CODE
			0004
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	690
20800150	TRENCH BACKFILL	CU YD	55
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1555
25000110	SEEDING, CLASS 1A	ACRE	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18
25100630	EROSION CONTROL BLANKET	SQ YD	700
28000510	INLET FILTERS	EACH	19
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	560
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	185
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	3562
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	300
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	100
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	111
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	38
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	945
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	505
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4440
42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	60
42400800	DETECTABLE WARNINGS	SQ FT	75
44000100	PAVEMENT REMOVAL	SQ YD	4080
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	2050
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1890
44000600	SIDEWALK REMOVAL	SQ FT	5160
44201297	DOWEL BARS 1"	EACH	1250
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	140
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	5470
550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	39
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	20
55100300	STORM SEWER REMOVAL 8"	FOOT	22
55100400	STORM SEWER REMOVAL 10"	FOOT	12
55100500	STORM SEWER REMOVAL 12"	FOOT	8
55101400	STORM SEWER REMOVAL 30"	FOOT	20
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	28
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	9
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2

SUMMARY OF QUANTITIES			STP
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
			CONSTRUCTION TYPE CODE
			0004
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2450
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	150
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	19
72000100	SIGN PANEL - TYPE 1	SQ FT	75
72900100	METAL POST - TYPE A	FOOT	105
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1580
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	445
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	125
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
* 81028160	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3/4" DIA.	FOOT	130
* 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP - TYPE USE) 3-1/C NO. 10	FOOT	160
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
* 87900200	DRILL EXISTING HANDHOLE	EACH	2
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	70
* 89502300	REMOVE EXISTING CABLE FROM CONDUIT	FOOT	240
* 89502376	REBUILD EXISTING HANDHOLE	EACH	4
* X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	12
X0696100	PARKING BLOCKS	EACH	11
X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	400
X4060120	NON-TRACKING BITUMINOUS MATERIALS (PRIME COAT)	POUND	13525
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	2575
* X5610706	WATER MAIN REMOVAL, 6"	FOOT	35
* X6026057	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2
X0001290	CONCRETE BOLLARDS	EACH	8
Z0004002	BOLLARDS	EACH	2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	13
Z0018700	DRAINAGE STRUCTURES TO BE REMOVED	EACH	11
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	45
Z0076600	TRAINEES	HOURL	1000
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1000

* INDICATES SPECIAL PROVISION
 Δ INDICATES SPECIALTY ITEM

CHRISTOPHER B. BURKE
 ENGINEERING LTD.
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

DATE: _____ BY: _____
 SURVEYED _____ PLOTTED _____
 PLAN NOTE BOOK _____ CHECKED _____
 NO. _____ NO. _____
 CADD FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED _____ PLOTTED _____
 PROFILE NOTE BOOK _____ CHECKED _____
 NO. _____ NO. _____
 STRUCTURE NOTATION: _____

FILE NAME =	USER NAME = apufundt	DESIGNED =	REVISED =
N:\NDRTHLAKE\940032HR - Municipal Revise	Projects\940032 HR 2009\940032HR219\Civil	DRAWN=32HR219.sht	REVISED =
Default	PLOT SCALE = NOT TO SCALE	CHECKED =	REVISED =
	PLOT DATE = 4/10/2014	DATE =	REVISED =

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

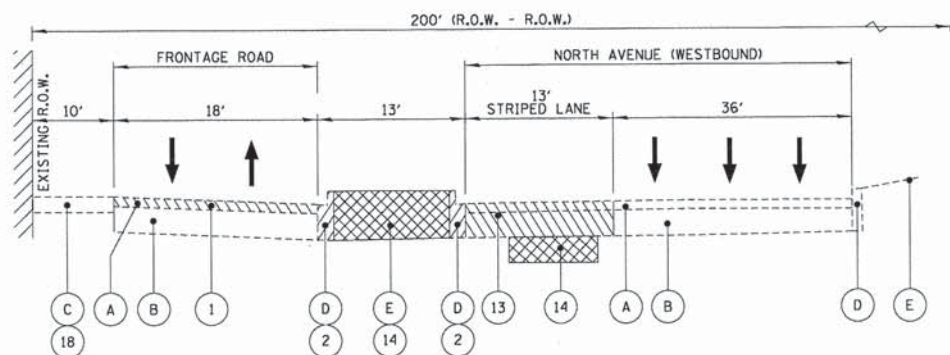
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 34 SHEETS STA. TO STA.

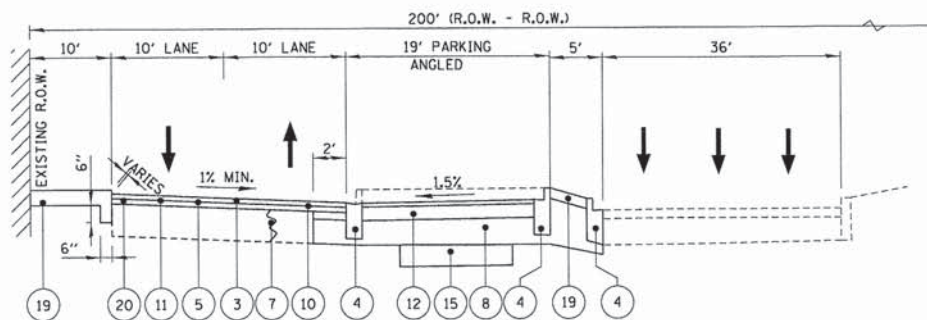
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	3
CONTRACT NO. 61A43				
[ILLINOIS] FED. AID PROJECT				

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 DATE: _____ BY: _____
 SURVEYED: _____
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 CHECKED: _____
 DATE: _____ BY: _____

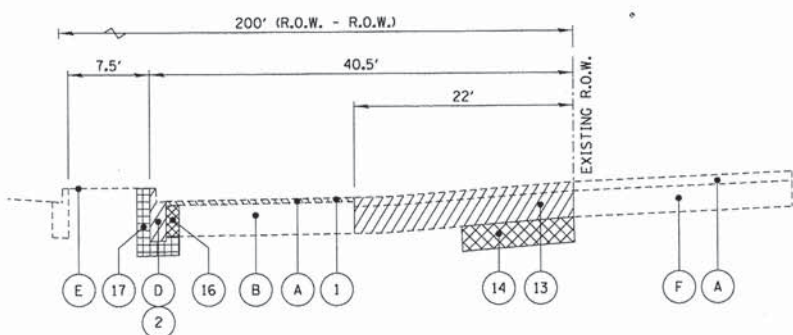
CHRISTOPHER B. BURKE
 ENGINEERING LTD.
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 925-0900



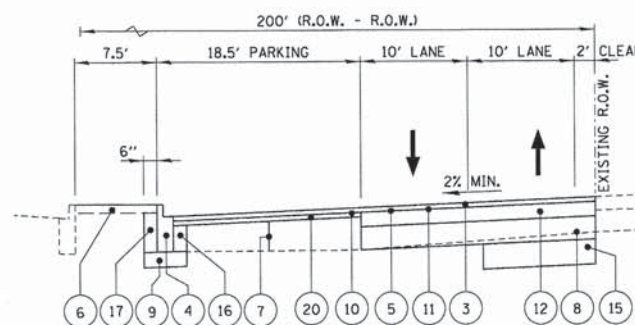
EXISTING TYPICAL SECTION
 STA 10+83.92 TO STA 14+20.24
 FRONTAGE RD (NORTH AVE)



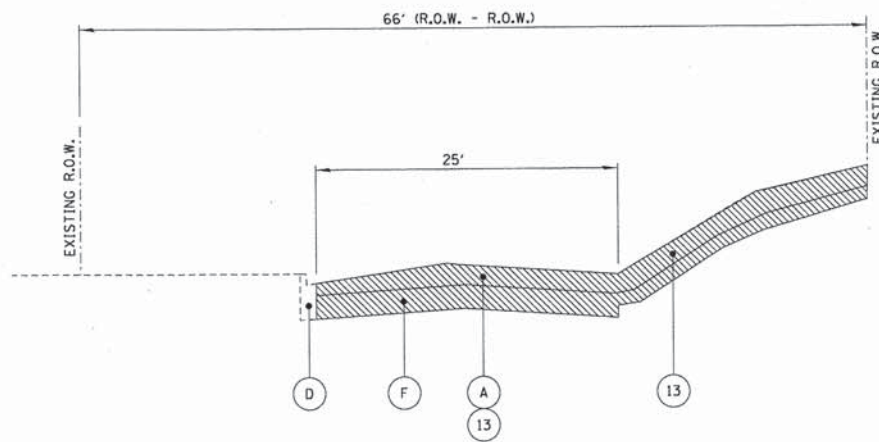
PROPOSED TYPICAL SECTION
 STA 10+83.92 TO STA 14+20.24
 FRONTAGE RD (NORTH AVE)



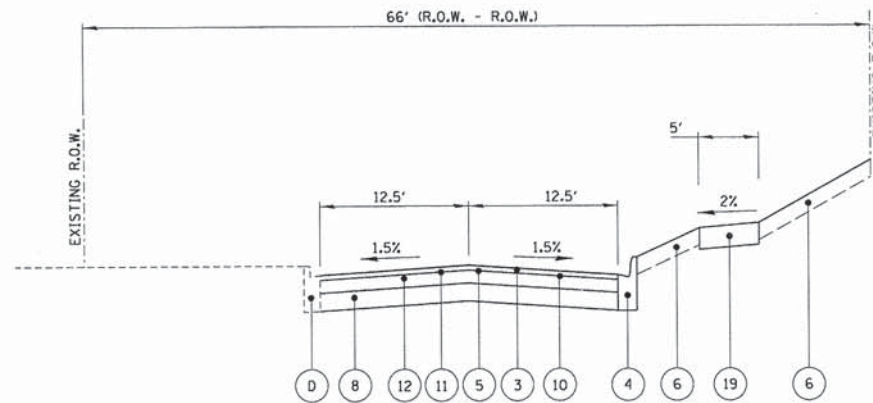
EXISTING TYPICAL SECTION
 STA 20+83.91 TO STA 30+28.52
 FRONTAGE RD (NORTH AVE)



PROPOSED TYPICAL SECTION
 STA 20+83.91 TO STA 30+28.52
 FRONTAGE RD (NORTH AVE)



EXISTING TYPICAL SECTION
 STA 40+30 TO STA 41+61.73
 PRATER AVENUE



PROPOSED TYPICAL SECTION
 STA 40+30 TO STA 41+61.73
 PRATER AVENUE

LEGEND:

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT - 10"
- (C) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- (D) EXISTING CONCRETE CURB OR CURB AND GUTTER (TYPE VARIES)
- (E) EXISTING GRADE/LANDSCAPE MEDIAN
- (F) EXISTING AGGREGATE BASE (+/- 4.5" - 15")
- (1) HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4" (INCLUDES ANY GRINDING OF CONCRETE BASE REQUIRED TO ESTABLISH PROPOSED ELEVATIONS)
- (2) CONCRETE CURB AND GUTTER REMOVAL (TYPE VARIES)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (4) COMBINATION CONCRETE CURB AND GUTTER, OF TYPE SPECIFIED (SHEET NOS. 10-13)
- (5) "NON-TRACKING" BITUMINOUS MATERIALS (PRIME COAT)
- (6) SEEDING, CLASS 1A NITROGEN, PHOSPHORUS, POTASSIUM FERTILIZER TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH EROSION CONTROL BLANKET
- (7) MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS
- (8) AGGREGATE BASE COURSE, TYPE B 8" (5" OF CA-1 AND 3" OF CA-6)
- (9) SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- (10) AREA REFLECTIVE CRACK CONTROL TREATMENT
- (11) AGGREGATE (PRIME COAT)
- (12) HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50 - 4.5"
- (13) PAVEMENT REMOVAL (ASSUMED TO BE 14")
- (14) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY ENGINEER)
- (15) AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY ENGINEER)
- (16) PCC, VIBRATED IN PLACE (INCLUDED IN COST OF THE PROPOSED CURB AND GUTTER) TO BE POURED WITHIN 48 HOURS AFTER CURB
- (17) EXCAVATION (INCLUDED IN COST OF THE PROPOSED CURB AND GUTTER)
- (18) SIDEWALK REMOVAL (AS DIRECTED BY THE ENGINEER)
- (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (20) LEVELING BINDER (MACHINE METHOD) N50, 3/4"

NOTES:

1. A NOMINAL QUANTITY HAS BEEN ADDED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND AGGREGATE SUBGRADE IMPROVEMENT. THESE QUANTITIES WILL BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER.
2. PAVEMENT REMOVAL: INCLUDES REMOVAL OF ENTIRE PAVEMENT SECTION (INCLUDING STONE, CLAY, ETC.) REQUIRED TO GET DOWN TO PROPER ELEVATION FOR INSTALLING OF AGGREGATE BASE COURSE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	4% @ 50 CYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (IN 2 LIFTS)	4% @ 50 CYR	QC/OA
LEVELING BINDER (MACHINE METHOD), N50	4% @ 50 CYR	QC/OA

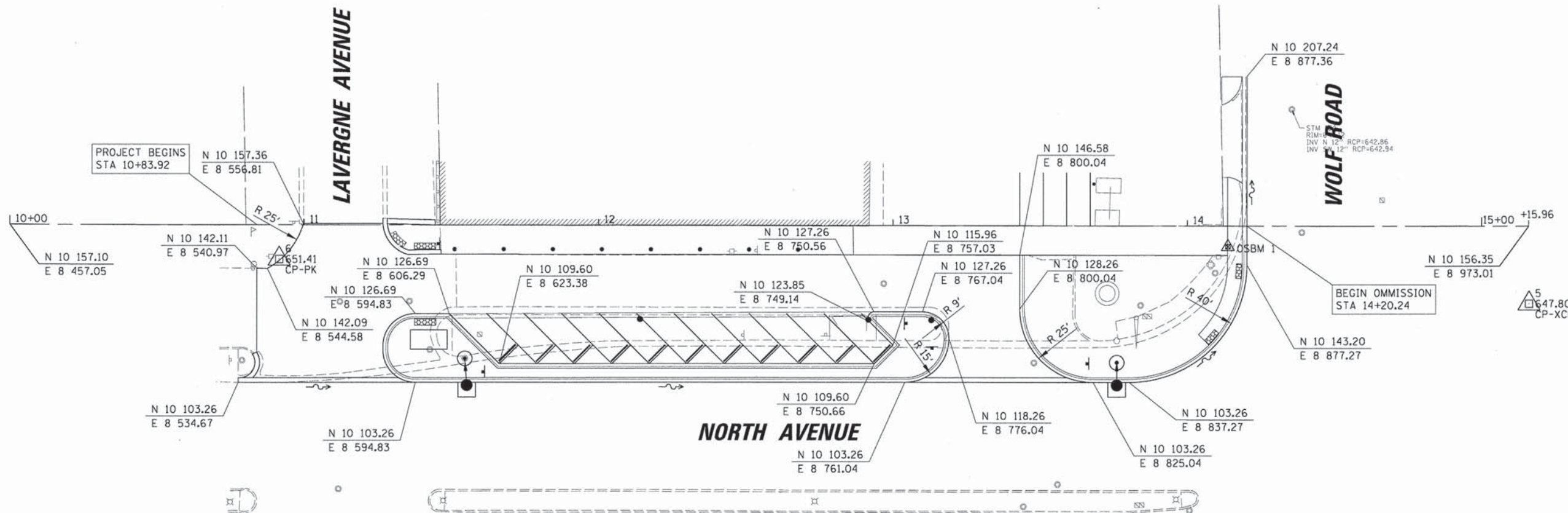
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

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.

PROFILE SURVEYED _____ DATE _____
 PLOTTED _____
 BY _____
 CHECKED _____
 STRUCTURE NOTATIONS CHK'D _____
 NO. _____
 PLAN SURVEYED _____ DATE _____
 PLOTTED _____
 BY _____
 CHECKED _____
 CAD FILE NAME _____
 NO. _____
CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-6500
CB



HORIZONTAL CONTROL POINTS					
CP NO.	NORTHING (Y)	EASTING (X)	DESCRIPTION	STATION	ELEVATION
6	10 145.27	8 548.57	CP-PK	10+91.54	651.41
5	10 130.01	8 973.15	CP-XCUT	15+16.14	647.80

ELEVATION BENCHMARKS DATUM: NAVD 1988		
NO.	DESCRIPTION	ELEV.
OSBM 1	MINI R R SPIKE SET ON N FACE OF PP W/ LIGHT ON THE NW CORNER OF WOLF RD & NORTH AV.	649.24

FILE NAME =	USER NAME = epufundt	DESIGNED -	REVISED -
N:\NORTHLAKE\940832DC134\Civil\BNH_940832DC134.SHT		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

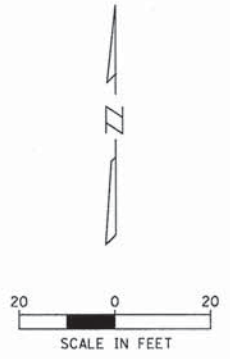
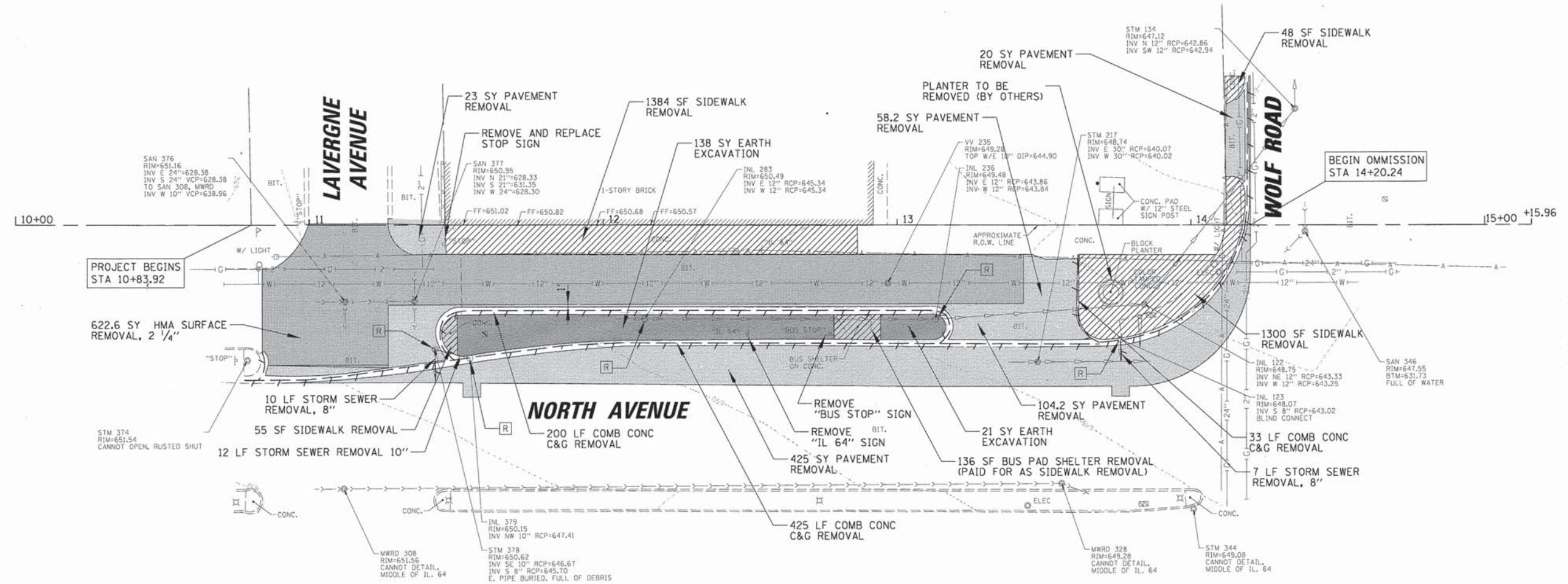
ALIGNMENT, TIES AND BENCHMARKS
LAVERGNE AVENUE TO WOLF ROAD
 SCALE: \$SCALE\$ SHEET 5 OF 34 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	5
CONTRACT NO. 61A43				
ILLINOIS FED. AID PROJECT				

DATE	BY	DATE	BY
DATE	BY	DATE	BY
DATE	BY	DATE	BY

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 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 822-0500

DATE	BY	DATE	BY
DATE	BY	DATE	BY
DATE	BY	DATE	BY

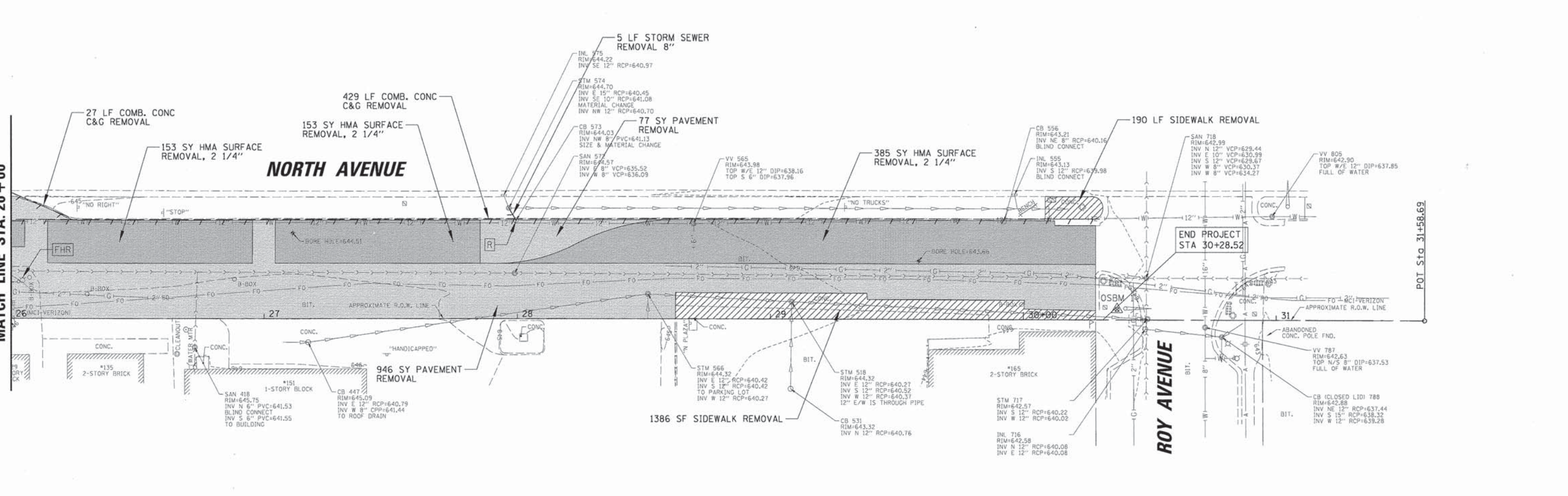
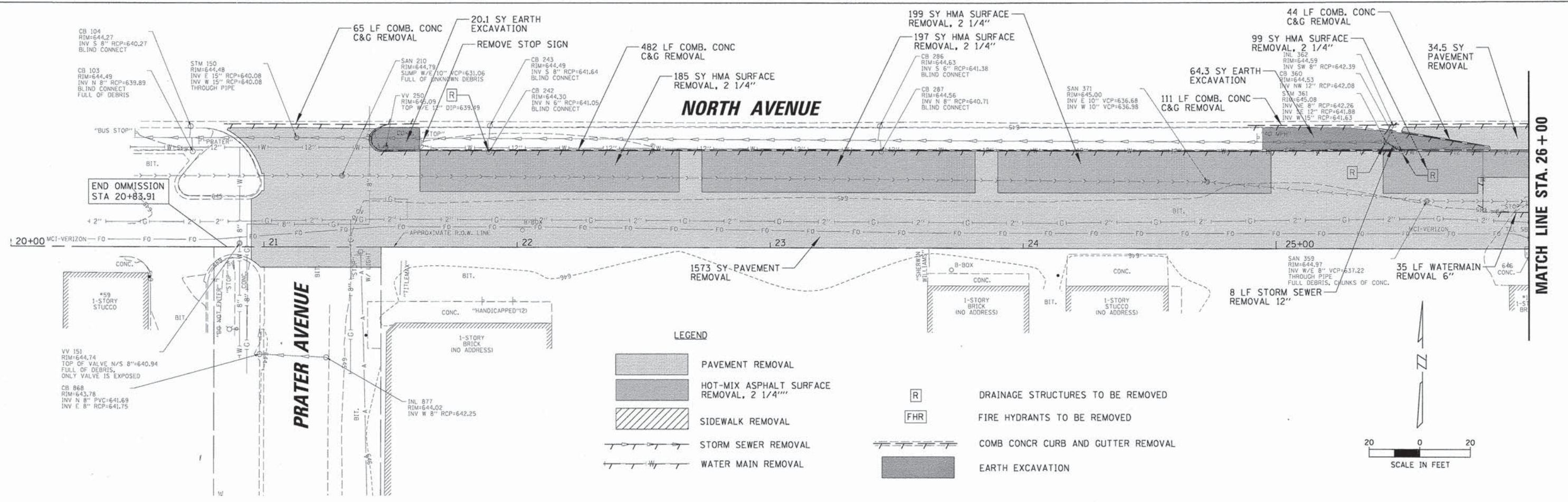


LEGEND

	PAVEMENT REMOVAL		DRAINAGE STRUCTURES TO BE REMOVED
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"		FIRE HYDRANTS TO BE REMOVED
	SIDEWALK REMOVAL		COMB CONC CURB AND GUTTER REMOVAL
	STORM SEWER REMOVAL		EARTH EXCAVATION
	WATER MAIN REMOVAL		

FILE NAME =	USER NAME = apufundt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN LAVERGNE AVENUE TO WOLF AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20'		CHECKED -	REVISED -			CONTRACT NO. 61A43				
PLOT DATE = 4/12/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
Default				SCALE: #SCALE# SHEET 7 OF 34 SHEETS STA. TO STA.						

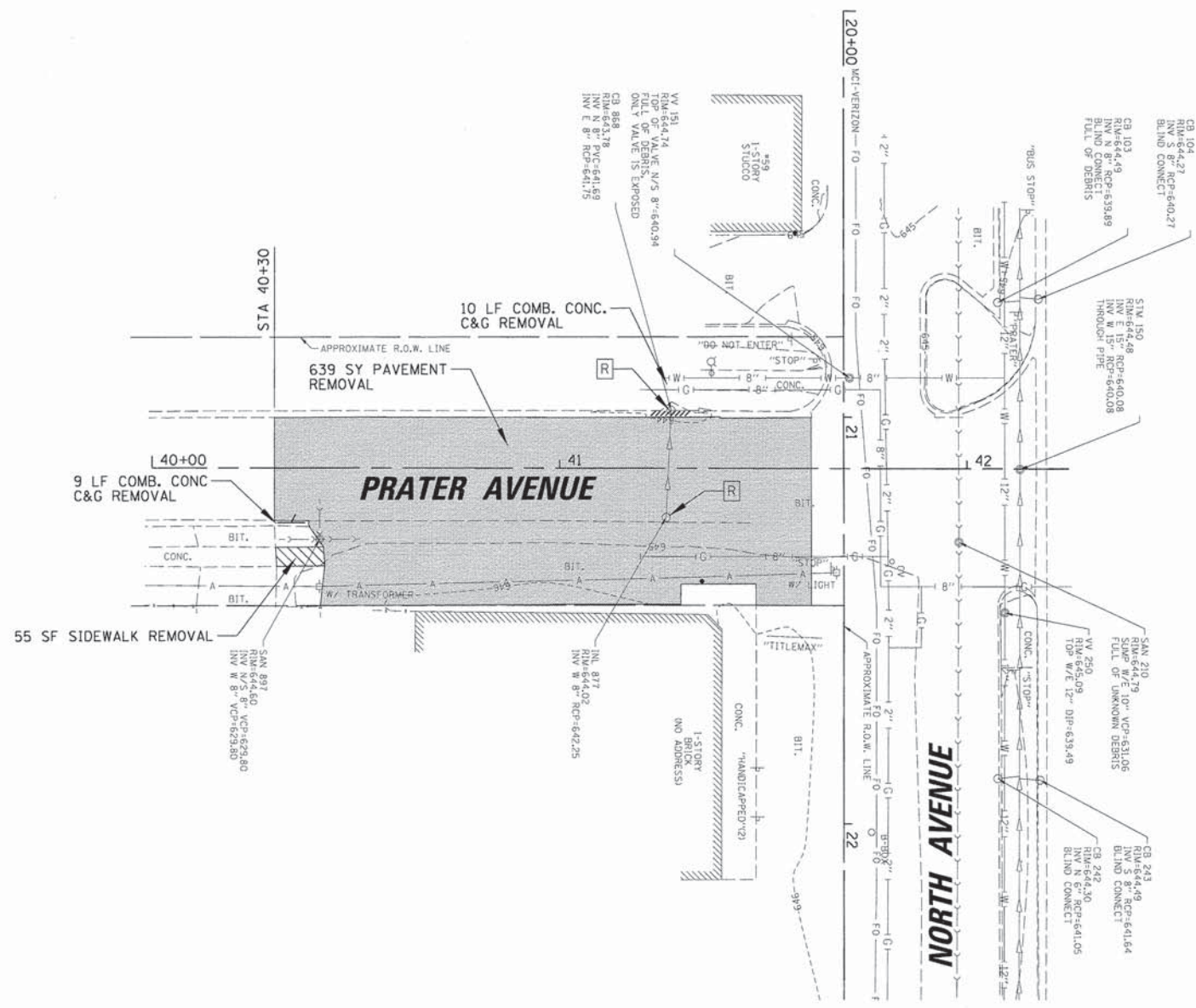
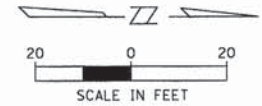
BY: _____ DATE: _____
 SURVEYED: _____ PLOTTED: _____
 CHECKED: _____ DATE: _____
 NOTE BOOK: _____
 NO. _____
 STRUCTURE NOTATIONS CH'KD
 PROFILE: _____
 NO. _____
CHRISTOPHER B. BURKE
 ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 822-0600
CB



FILE NAME =	USER NAME = apufundt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN PRATER AVENUE TO ROY AVENUE	F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\NORTHLAKE\940032HR - Municipal Review	Projects\940032 HR 200's\940032HR219\1	DRAWN	REVISED			307	13-00085-00-CH			34	8
Plot Scale = 20'		CHECKED	REVISED			CONTRACT NO. 61A43					
Plot Date = 4/10/2014		DATE	REVISED			ILLINOIS FED. AID PROJECT					

DATE	BY	DATE	BY
REPORTS	PLANNING	REPORTS	PLANNING
ALIGNED	CHECKED	ALIGNED	CHECKED
NOTE BOOK	NO.	NOTE BOOK	NO.
DATE	BY	DATE	BY
PLANNING	ENGINEERING LTD.	PLANNING	ENGINEERING LTD.
CR	CR	CR	CR
DATE	BY	DATE	BY
DATE	BY	DATE	BY

CHRISTOPHER B. BURKE
 ENGINEERING LTD.
 825 West Higgins Road, Suite 600
 Naperville, IL 60563
 (847) 823-0500



LEGEND

	PAVEMENT REMOVAL		DRAINAGE STRUCTURES TO BE REMOVED
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"		FIRE HYDRANTS TO BE REMOVED
	SIDEWALK REMOVAL		COMB CONC. CURB AND GUTTER REMOVAL
	STORM SEWER REMOVAL		EARTH EXCAVATION
	WATER MAIN REMOVAL		

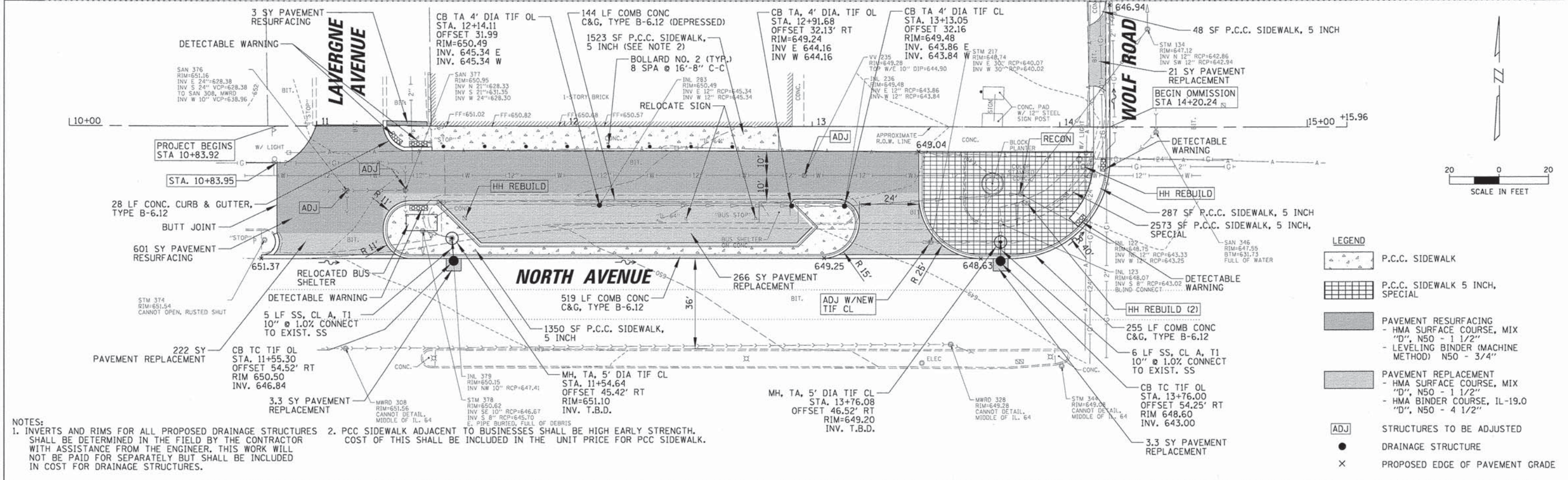
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	PLOT DATE = 4/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

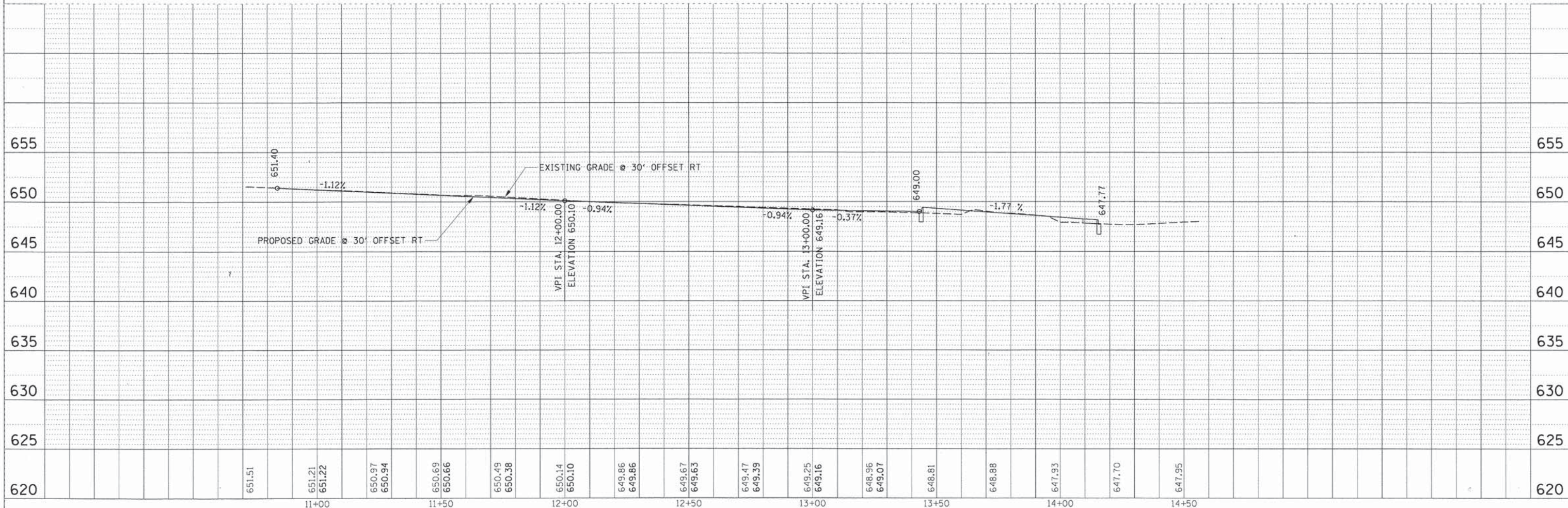
REMOVAL PLAN			
PRATER AVENUE			
SCALE: \$SCALE\$	SHEET 9	OF 34 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	9
CONTRACT NO. 61A43				
ILLINOIS FED. AID PROJECT				

DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____ CHECKED: _____
 NOTE BOOK NO. _____ DATE OF WAY CHECKED: _____
 PLAN: _____ NO. _____ DATE FILE NAME: _____
CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500
 CB
 DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____ CHECKED: _____
 NOTE BOOK NO. _____ DATE OF WAY CHECKED: _____
 PROFILE: _____ NO. _____ DATE FILE NAME: _____
 STRUCTURE NOTATIONS: CHFD



NOTES:
 1. INVERTS AND RIMS FOR ALL PROPOSED DRAINAGE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR WITH ASSISTANCE FROM THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN COST FOR DRAINAGE STRUCTURES.
 2. PCC SIDEWALK ADJACENT TO BUSINESSES SHALL BE HIGH EARLY STRENGTH. COST OF THIS SHALL BE INCLUDED IN THE UNIT PRICE FOR PCC SIDEWALK.

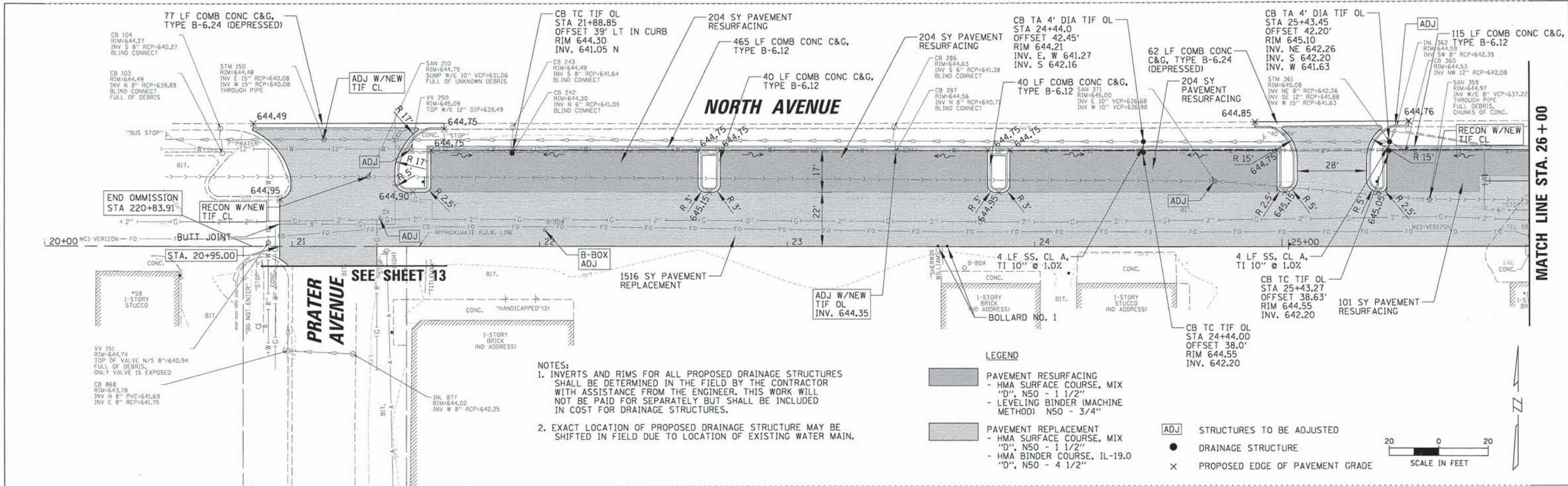


FILE NAME =	USER NAME = apufundt	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE LAVERGNE AVENUE TO WOLF ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20'		CHECKED - MEW	REVISED -			CONTRACT NO. 61A43				
PLOT DATE = 4/10/2014		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

PROFILE SURVEYED PLOTTED CHECKED
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 STRUCTURE NOTATIONS CHKD
 BY: DATE:

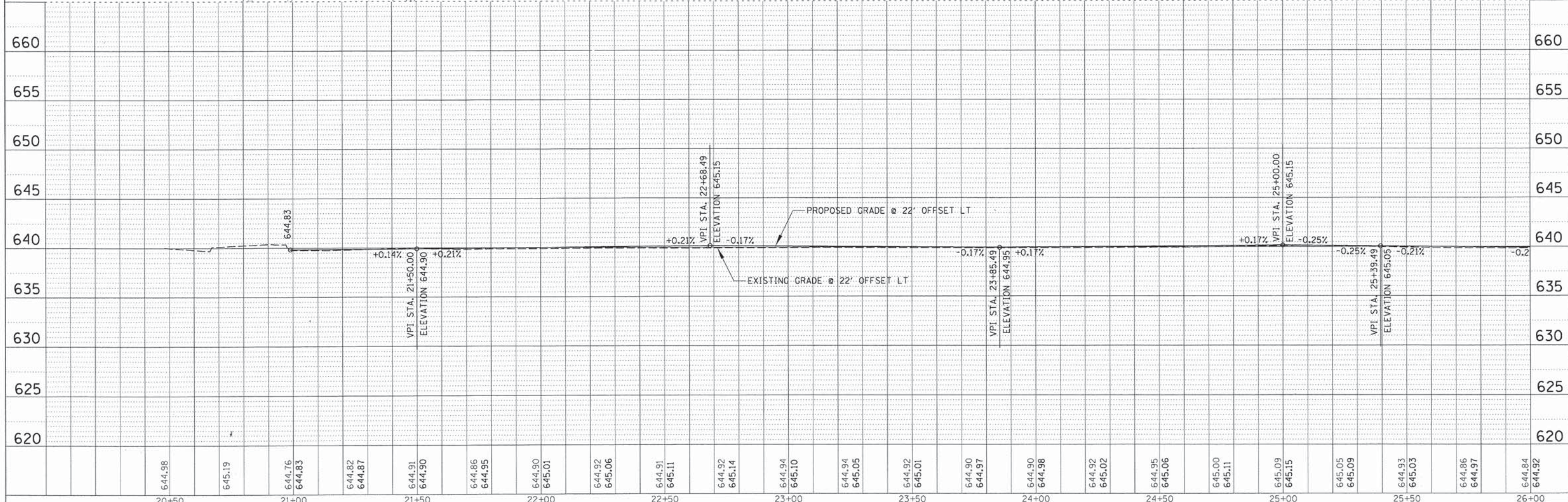
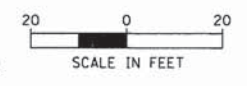
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 NOTE BOOK DRAWING NO. DATE
 CADD FILE NAME
 BY: DATE:

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 Rosemont, Illinois 60018
 (847) 823-0500



NOTES:
 1. INVERTS AND RIMS FOR ALL PROPOSED DRAINAGE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR WITH ASSISTANCE FROM THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN COST FOR DRAINAGE STRUCTURES.
 2. EXACT LOCATION OF PROPOSED DRAINAGE STRUCTURE MAY BE SHIFTED IN FIELD DUE TO LOCATION OF EXISTING WATER MAIN.

LEGEND
 [Hatched Box] PAVEMENT RESURFACING
 - HMA SURFACE COURSE, MIX "D", N50 - 1 1/2"
 - LEVELING BINDER (MACHINE METHOD) N50 - 3/4"
 [Hatched Box] PAVEMENT REPLACEMENT
 - HMA SURFACE COURSE, MIX "D", N50 - 1 1/2"
 - HMA BINDER COURSE, IL-19.0 "D", N50 - 4 1/2"
 [Box with 'ADJ'] STRUCTURES TO BE ADJUSTED
 [Circle] DRAINAGE STRUCTURE
 [X] PROPOSED EDGE OF PAVEMENT GRADE



FILE NAME =	USER NAME = apufundt	DESIGNED - AMP	REVISED -
N:\NORTHLAKE\940032HR - Municipal Review	Projects\940032 HR 200's\940032HR219\Civil\RDRAWN2HR219.01EPB	CHECKED - MEW	REVISED -
PLOT SCALE = 20'	DATE = 4/10/2014	DATE =	REVISED -

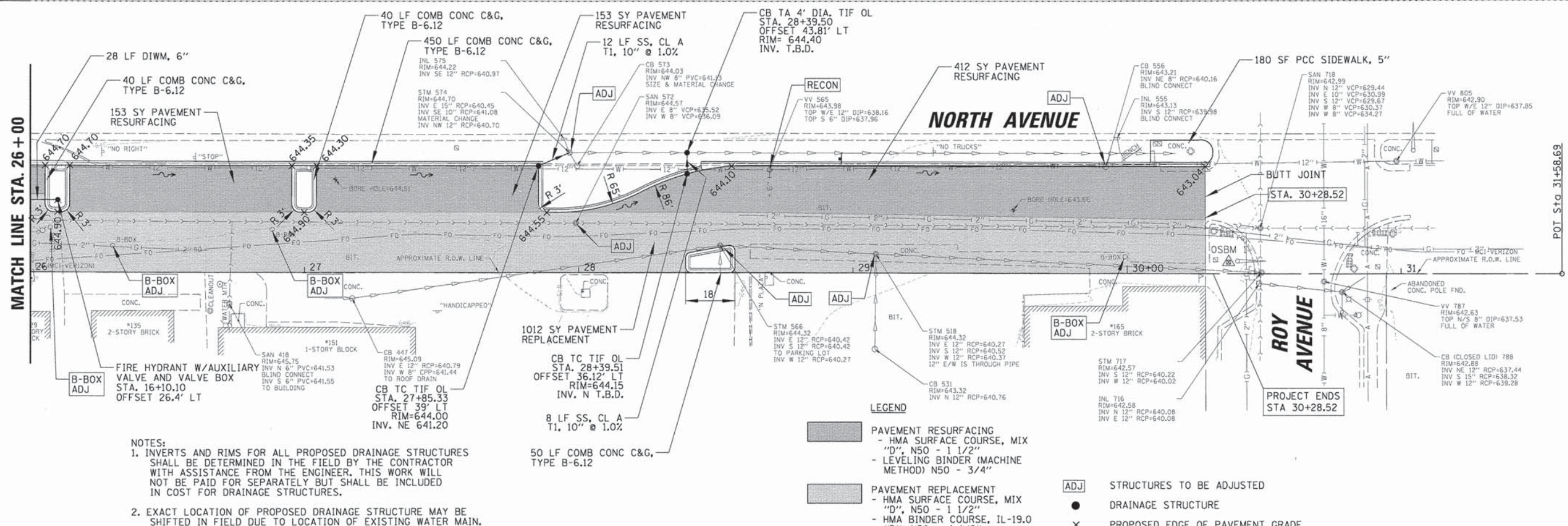
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 PRATER AVENUE TO ROY AVENUE

F.A.P. RTE. 307	SECTION 13-00085-00-CH	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 11
CONTRACT NO. 61A43				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

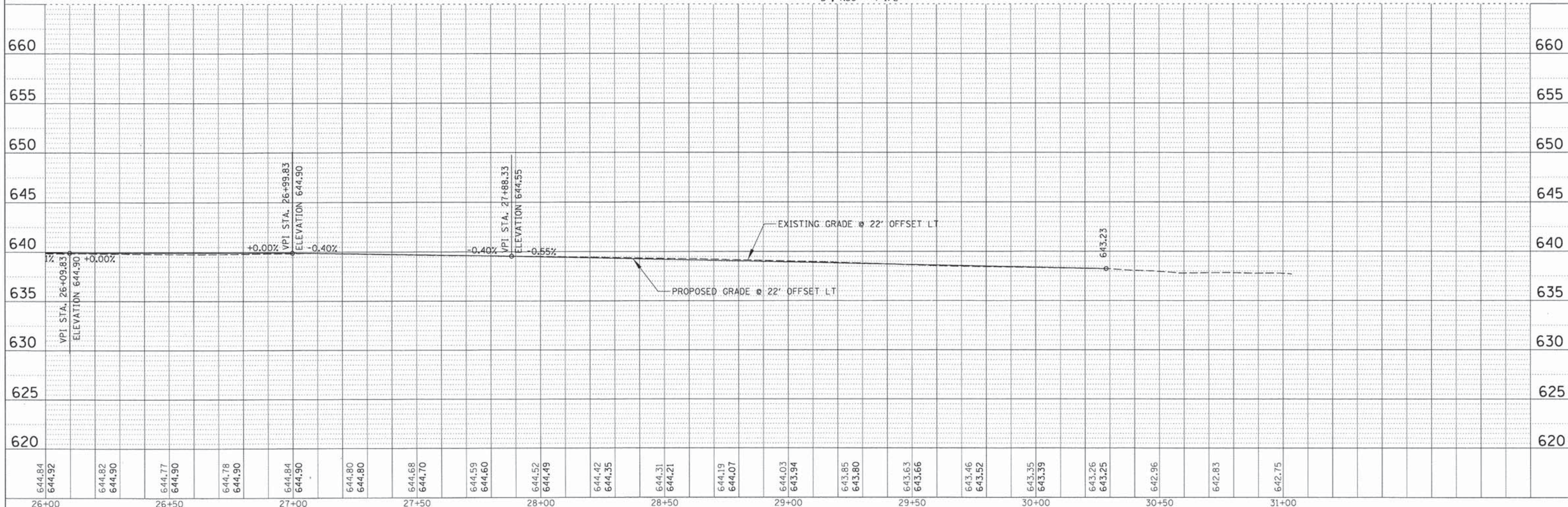
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BY: DATE:
 SURVEYED:
 PLOTTED:
 CHECKED:
 STRUCTURE NOTATIONS CHD
 NO.
 ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500
 PLAN
 NO.
 DATE:
 SURVEYED:
 PLOTTED:
 CHECKED:
 STRUCTURE NOTATIONS CHD
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 PROFILE
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 DATE:
 SURVEYED:
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 STRUCTURE NOTATIONS CHD
 NO.



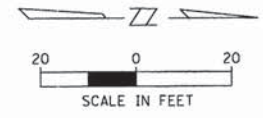
NOTES:

- INVERTS AND RIMS FOR ALL PROPOSED DRAINAGE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR WITH ASSISTANCE FROM THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN COST FOR DRAINAGE STRUCTURES.
- EXACT LOCATION OF PROPOSED DRAINAGE STRUCTURE MAY BE SHIFTED IN FIELD DUE TO LOCATION OF EXISTING WATER MAIN.

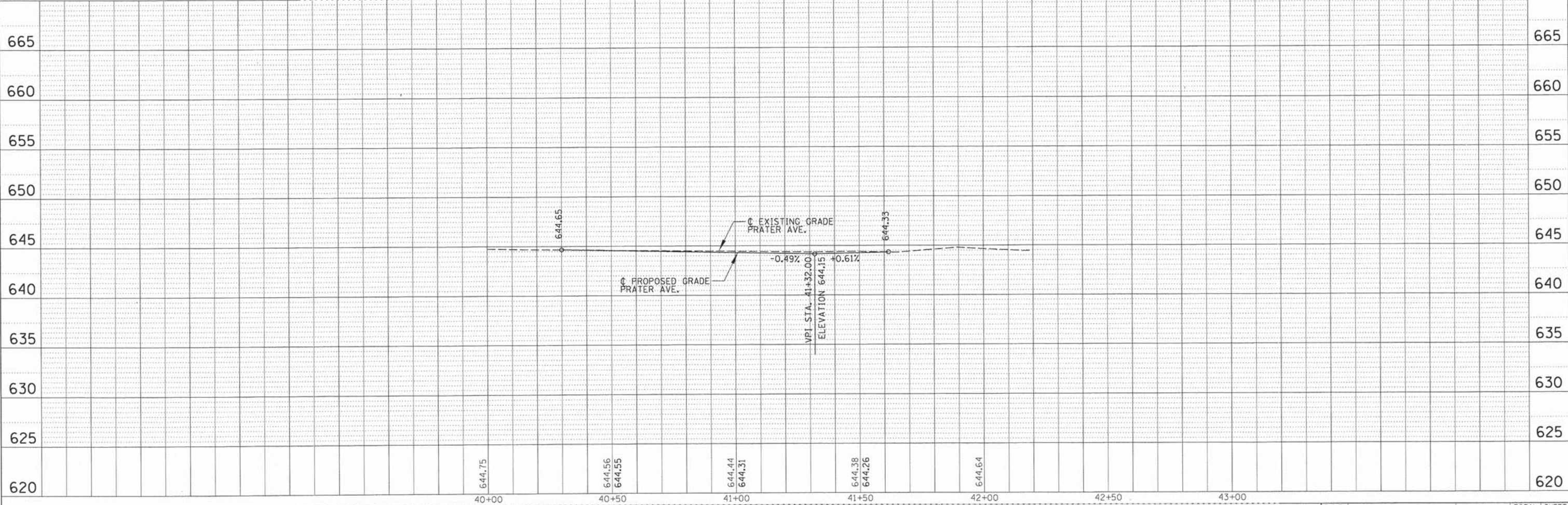
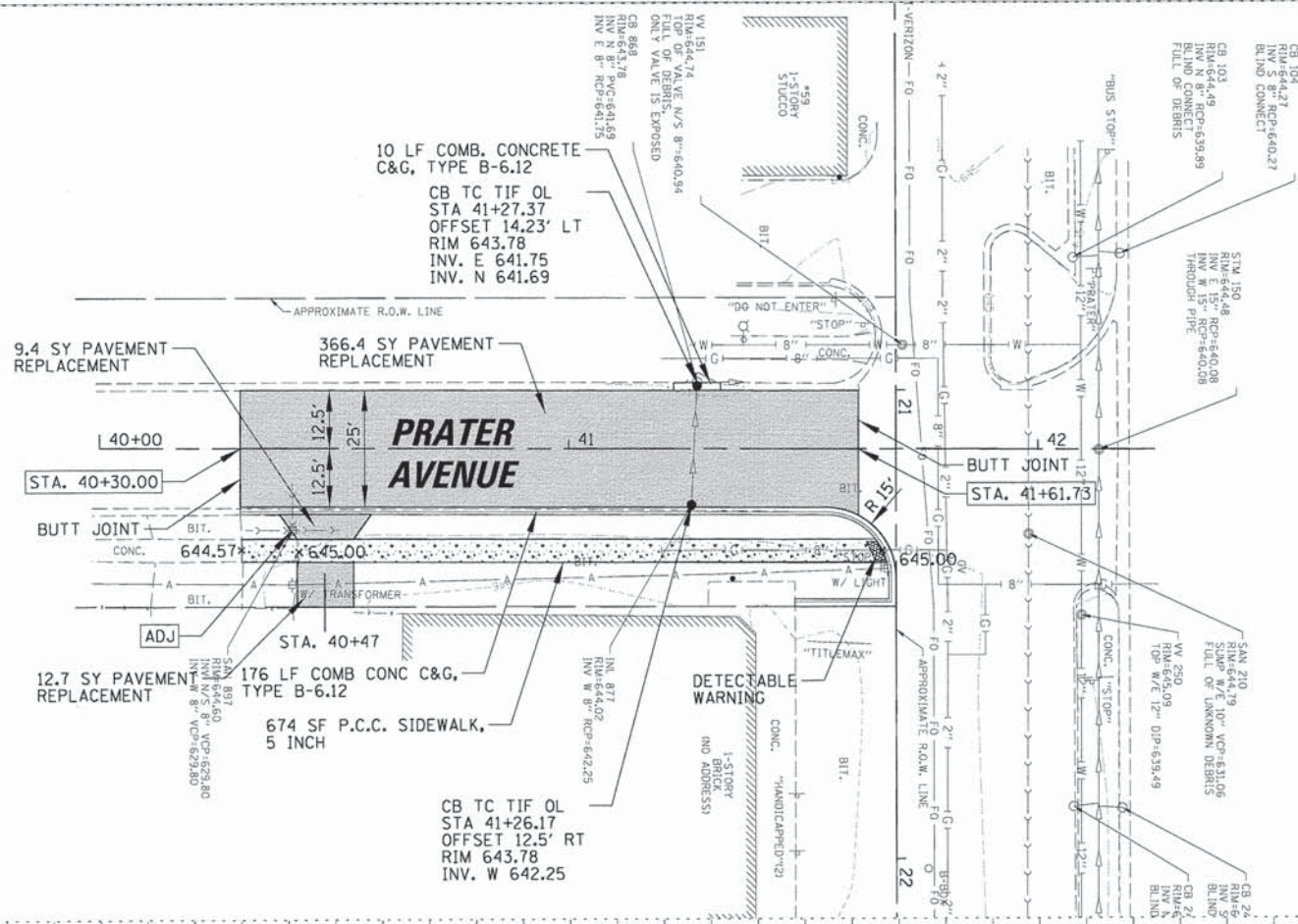


644.84	644.92	644.82	644.90	644.77	644.90	644.78	644.90	644.84	644.90	644.80	644.80	644.68	644.70	644.59	644.60	644.52	644.49	644.42	644.35	644.31	644.21	644.19	644.07	644.03	643.94	643.85	643.80	643.63	643.66	643.46	643.52	643.35	643.39	643.26	643.25	642.96	642.83	642.75	660	655	650	645	640	635	630	625	620	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00	30+50	31+00
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NOTES:
 1. INVERTS AND RIMS FOR ALL PROPOSED DRAINAGE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR WITH ASSISTANCE FROM THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN COST FOR DRAINAGE STRUCTURES.



- LEGEND**
- PAVEMENT RESURFACING
 - HMA SURFACE COURSE, MIX "D", N50 - 1 1/2"
 - LEVELING BINDER (MACHINE METHOD) N50 - 3/4"
 - PAVEMENT REPLACEMENT
 - HMA SURFACE COURSE, MIX "D", N50 - 1 1/2"
 - HMA BINDER COURSE, IL-19.0 "D", N50 - 4 1/2"
 - ADJ STRUCTURES TO BE ADJUSTED
 - DRAINAGE STRUCTURE
 - × PROPOSED EDGE OF PAVEMENT GRADE

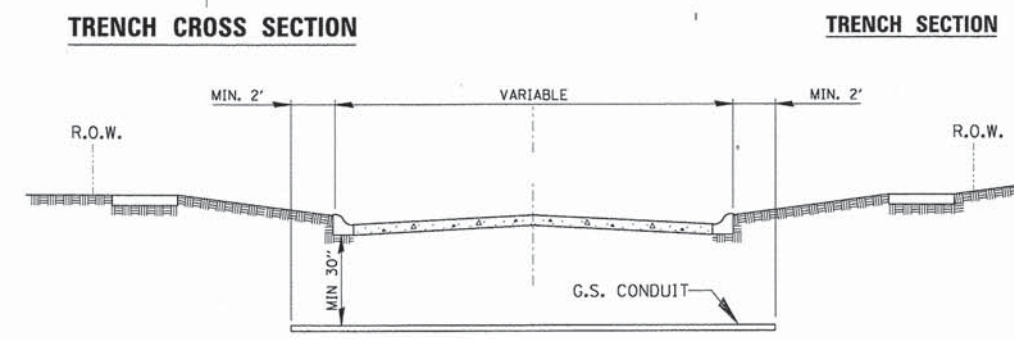
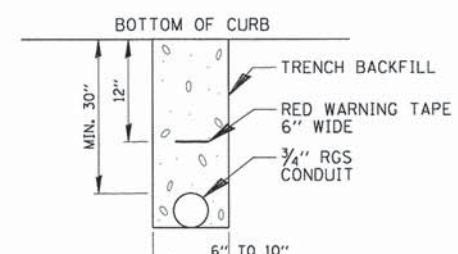
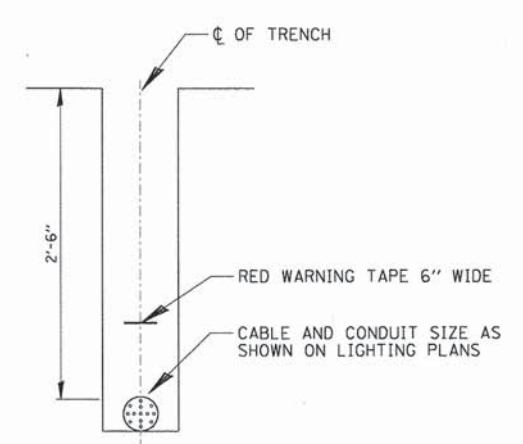
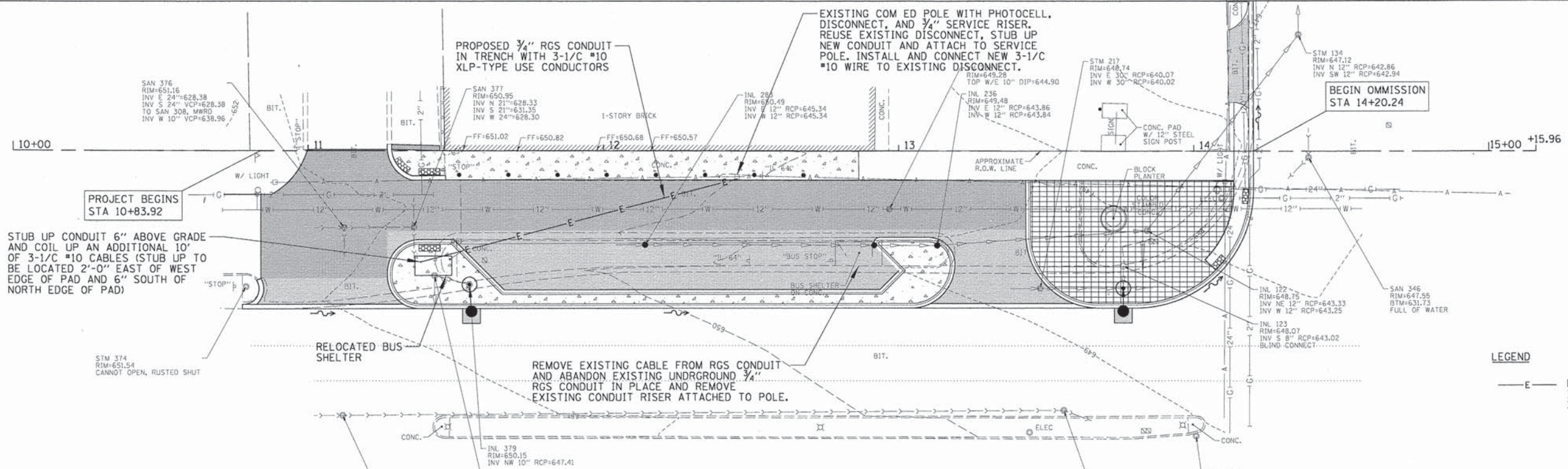


CHRISTOPHER B. BURKE ENGINEERING LTD.
 8075 West Higgins Road, Suite 600
 Chicago, IL 60631
 (847) 823-0900
 CB
 DATE: _____ BY: _____
 PLAN: _____ NO. _____
 PROFILE: _____ NO. _____
 SURVEYED: _____
 GRADES CHECKED: _____
 B.M. NOTED: _____
 STRUCTURE NOTATIONS CHECKED: _____

FILE NAME =	USER NAME = apufundt	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE PRATER AVENUE	F.A.P. RTE. 307	SECTION 13-00085-00-CH	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 13	
PROJECT =	PROJECT NO. =	CHECKED - MEW	REVISED -			CONTRACT NO. 61A43					
PLOT SCALE = 20'	DATE = 4/10/2014	DATE =	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						SCALE: SHEET NO. OF SHEETS STA. TO STA.					

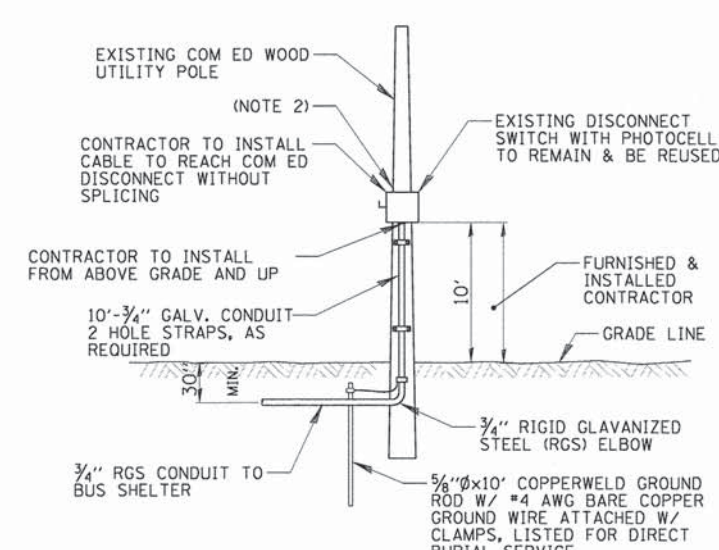
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 STRUCTURE: NOTATWS DPKD
 NO. _____
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 CHECKED: _____
 STRUCTURE: NOTATWS DPKD
 NO. _____

CHRISTOPHER B. BURKE
 ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 822-0500



- ① CONDUIT SHALL BE HEAVY WALL RGS CONDUIT.
- ② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ CONDUIT SHALL BE A MINIMUM OF 30\"/>

ELECTRIC CONDUIT UNDER PAVEMENT
 N.T.S.

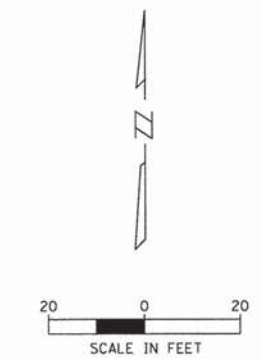


- NOTES:**
- 1. ALL WORK SHALL CONFORM TO COM ED'S BOOK OF "INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRIC SERVICE."
 - 2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH COM ED TO RE-ESTABLISH ELECTRIC SERVICE TO BUS SHELTER.

COM ED OVERHEAD CONNECTION POLE

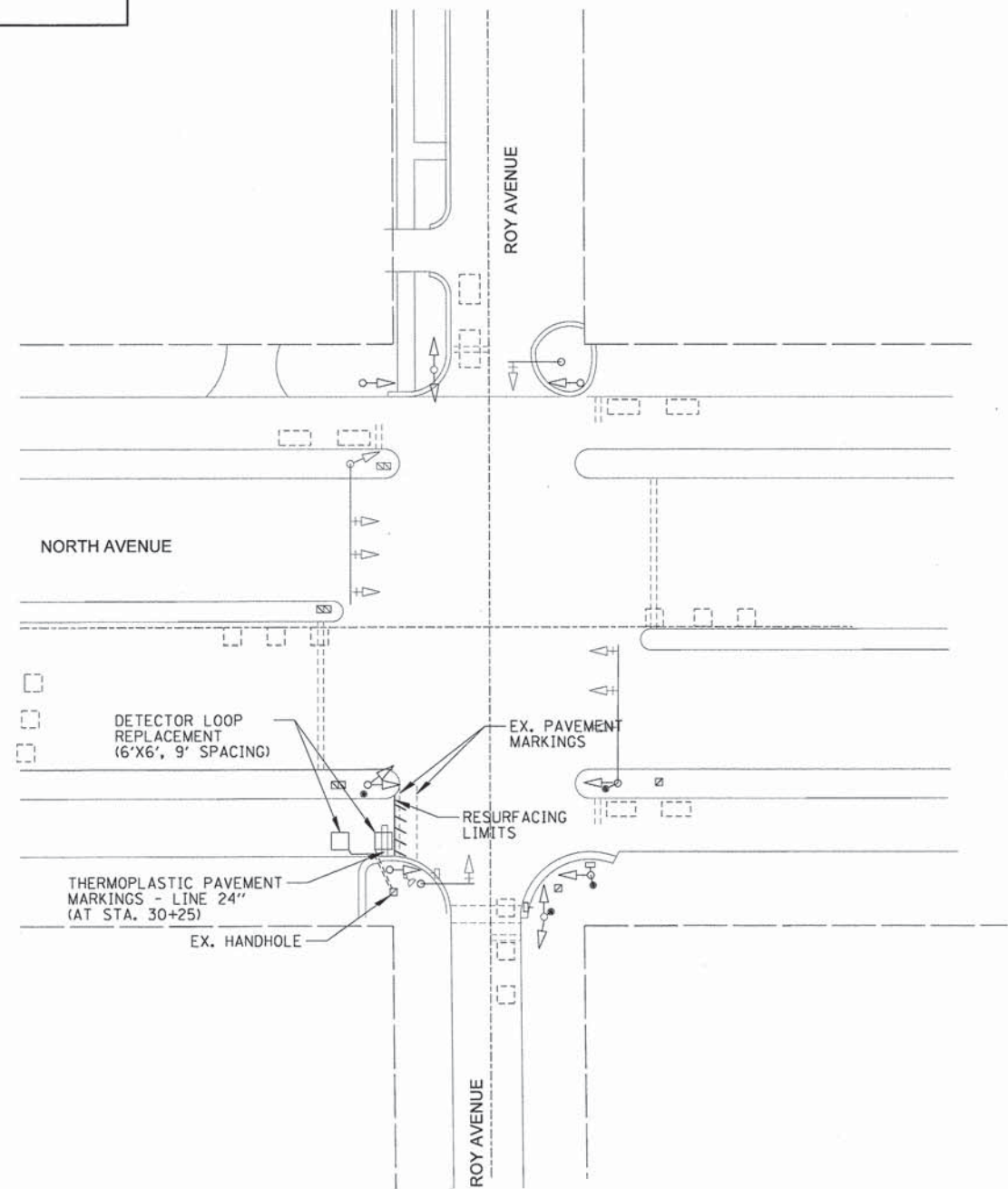
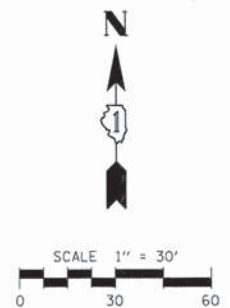
GENERAL NOTES

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE CITY OF NORTHLAKE BEFORE THE START OF WORK, ANY COST FOR PERMIT SHALL BE INCLUDED IN THE COST OF ELECTRIC SERVICE INSTALLATION.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", AS PREPARED BY IDOT.
 - B. "THE NATIONAL ELECTRICAL CODE".
 - C. MUNICIPAL CODES & STANDARDS.
4. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE OWNER'S REPRESENTATIVE.
5. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123.
6. THE INSTALLATION OF BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK", SHALL BE REVIEWED BY THE OWNER'S REPRESENTATIVE PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE TOP OF FOUNDATION ELEVATION WITH THE FINISHED GRADE AND TOP OF CURB ELEVATIONS.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE ELECTRICAL UTILITY COMPANY FOR SERVICE TO THE PROPOSED SHELTER.
9. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. THE WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS INCLUDING ALL ABOVE AND BELOW GRADE APPURTENANCES. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
11. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION.
12. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF FULL SIZE RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE UPON COMPLETION OF THE ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATIONS OF ALL UNDERGROUND CONDUITS/WIRING, HANDHOLES, JUNCTION BOXES. THE DRAWINGS WILL BE REVIEWED BY THE OWNER'S REPRESENTATIVE.
13. THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLTION COMPLIES WITH THE LATEST EDITION OF THE STANDARD APPLICABLE SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS AND CITY OF NORTHLAKE.



FILE NAME =	USER NAME = apufundt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELECTRICAL PLAN	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
No:\NDRTHLAKE\9488\320C\34\Mech\9488\320C	34_01.SHT	DRAWN -	REVISED -			307	13-00085-00-CH	COOK	34	14	
	PLOT SCALE = 20'	CHECKED -	REVISED -			CONTRACT NO. 61A43					
DeFault	PLOT DATE = 4/10/2014	DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.



TRAFFIC SIGNAL LEGEND

ITEM	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		▲
SIGNAL HEAD		△
DETECTOR LOOP	□	□

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	70	FOOT	DETECTOR LOOP REPLACEMENT

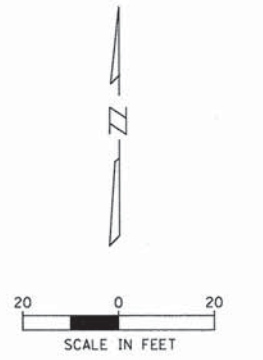
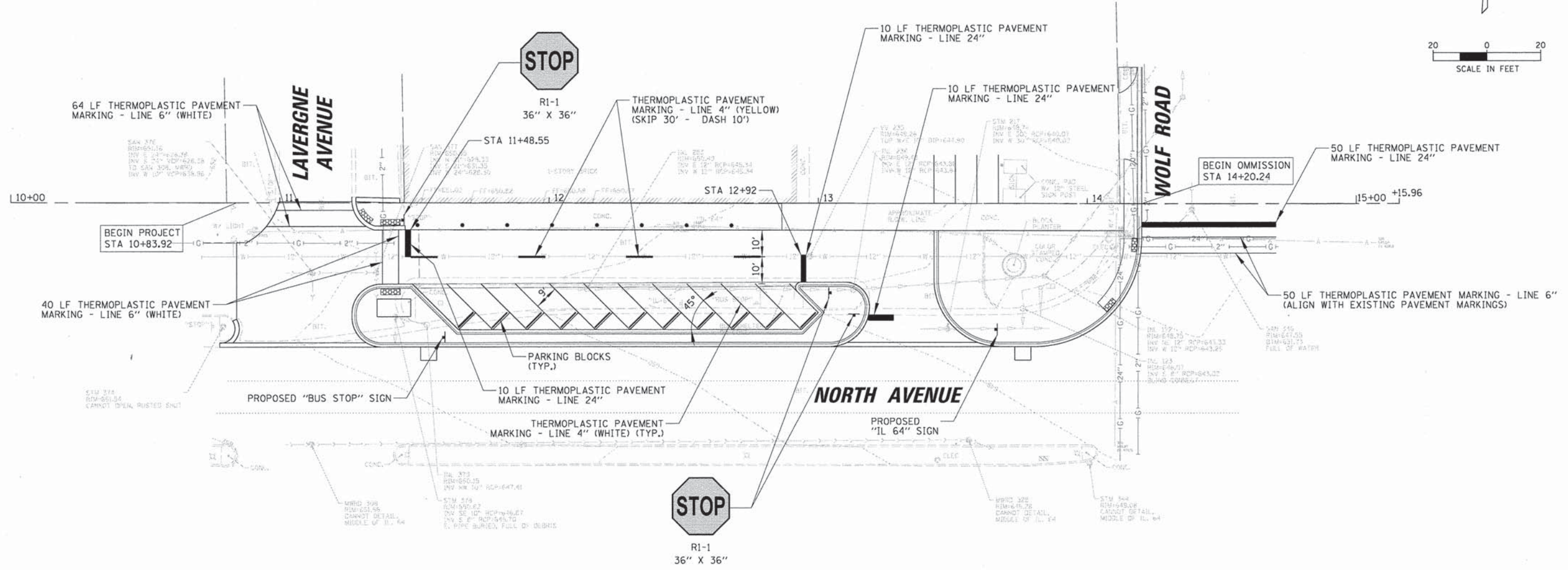
DATE	BY	DATE	BY
DATE	BY	DATE	BY

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 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

PROFILE SURVEYED
 PLOTTED
 NOTE BOOK NO.

DATE	BY	DATE	BY
DATE	BY	DATE	BY

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
N:\NDRTHLAKE\9400320C134\civ\1\PMK_9400	apuFundt	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

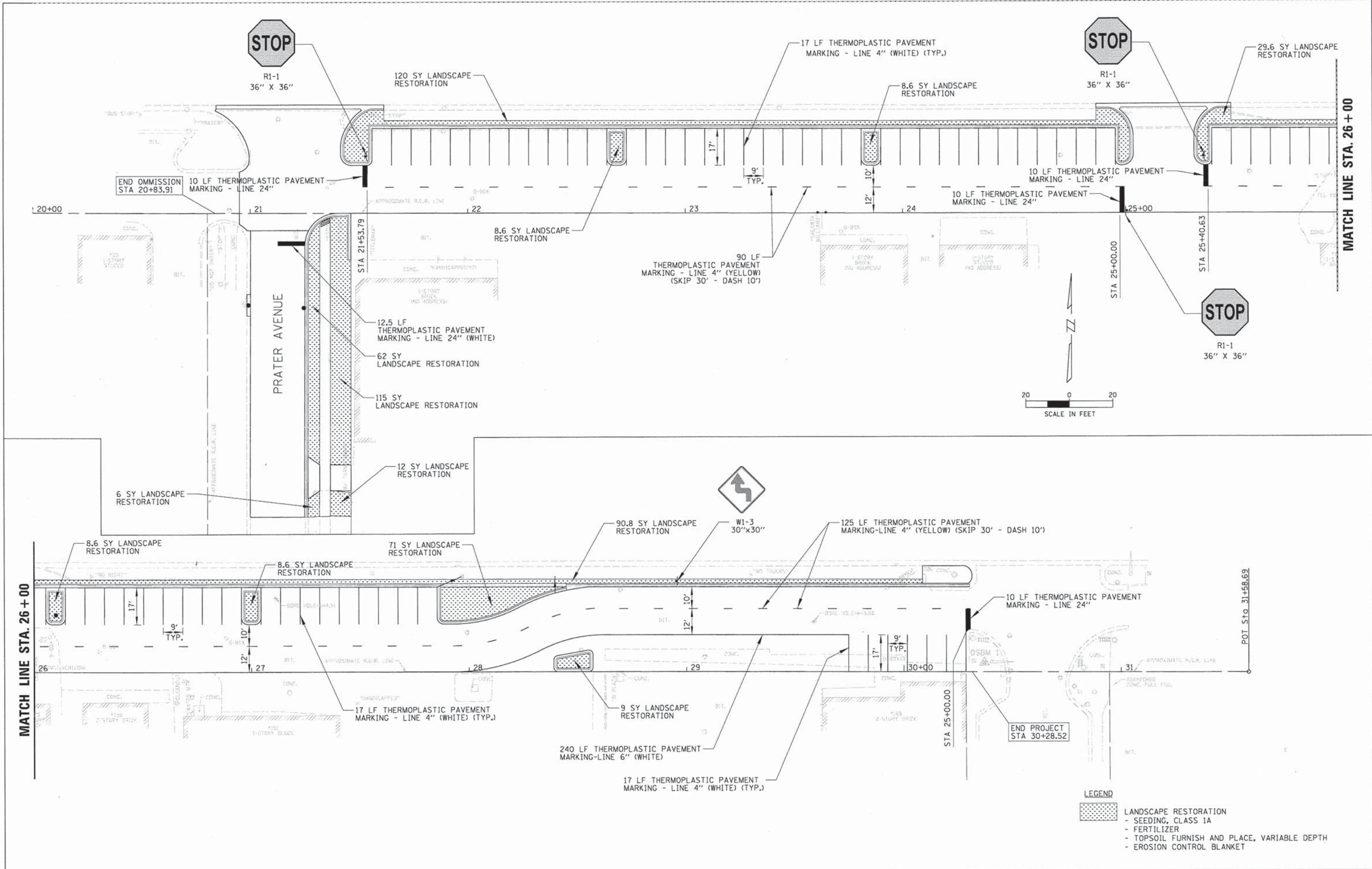
**PAVEMENT MARKING AND LANDSCAPING PLAN
LAVERGNE AVENUE TO WOLF AVENUE**

SCALE: *SCALE* SHEET 16 OF 34 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	16
CONTRACT NO. 61A43			ILLINOIS FED. AID PROJECT	

DATE: _____ BY: _____
 CHECKED: _____
 DATE: _____
 CRIB: _____
 DATE: _____ BY: _____
 CHECKED: _____
 DATE: _____

CHRISTOPHER B. BURKE
 ENGINEERING LTD.
 8575 MacGregor Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0800

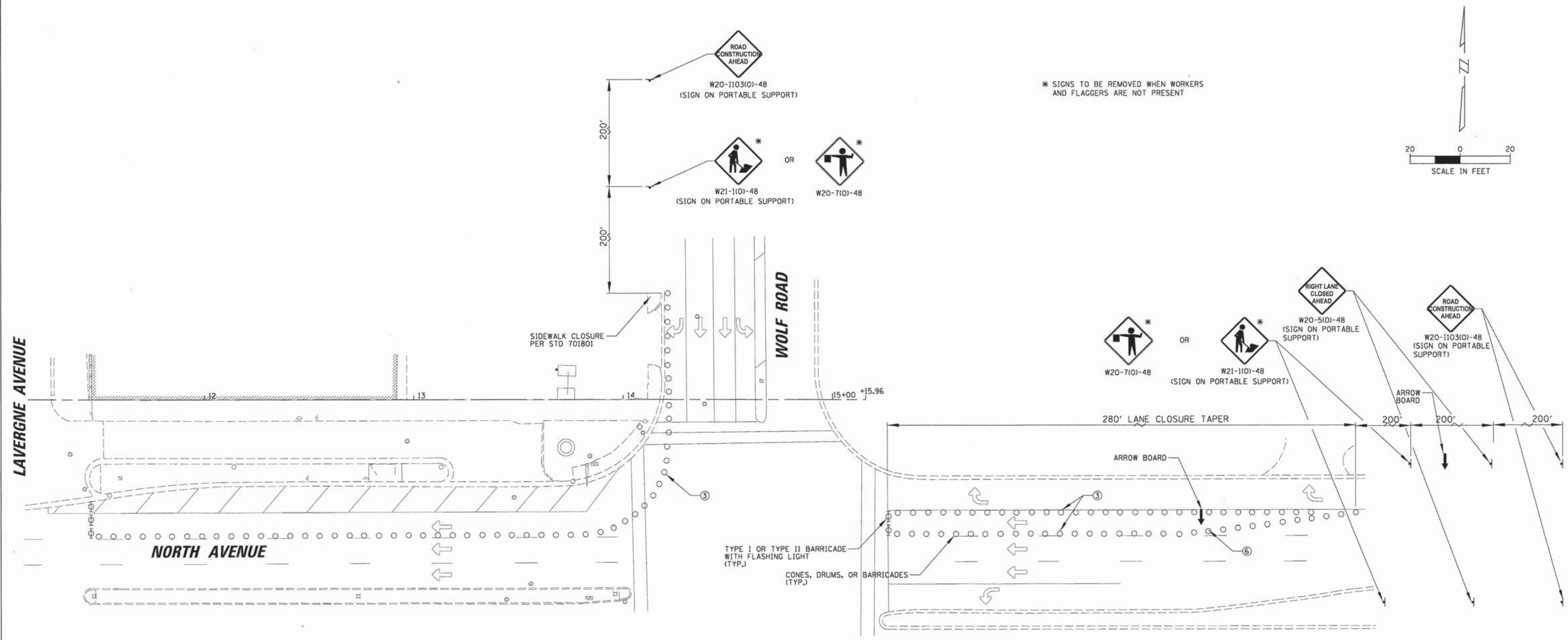


- LEGEND**
- [Patterned Area] LANDSCAPE RESTORATION
 - SEEDING, CLASS 1A
 - FERTILIZER
 - TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH
 - EROSION CONTROL BLANKET

FILE NAME = N:\NORTHLAKE\940032HR - Municipal Review	USER NAME = epufundt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND LANDSCAPING PLAN PRATER AVENUE TO ROY AVENUE	F.A.P. RTE. 307	SECTION 13-00085-00-CH	COUNTY	TOTAL SHEETS 34	SHEET NO. 17
	PLOT SCALE = 20'	CHECKED -	REVISED -			SCALE: 1"=40'	SHEET 17 OF 34 SHEETS STA. TO STA.	CONTRACT NO. 61A43		
PLOT DATE = 4/10/2014	DATE -	REVISED -	REVISED -							

PROFILE	SURVEYED	PLOTTED	BY	DATE
				DATE
PLAN	SURVEYED	PLOTTED	BY	DATE
				DATE
NOTE BOOK NO.	NO.	NO.	NO.	DATE
				DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



* SIGNS TO BE REMOVED WHEN WORKERS AND FLAGGERS ARE NOT PRESENT

- NOTES:**
- THIS MOT PLAN USED FOR DAYTIME OPERATIONS ONLY.
 - THE LANE CLOSURES ON IL 64 (NOTRH AVE.) WILL ONLY BE ALLOWED WHEN NECESSARY BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM
 - ③ CONES AT 25' CENTERS FOR 250'. ADDITIONAL CONES MAY BE PLACED AT 50' CENTERS. WHEN DRUMS OR TYPE I OR TYPE II BARRICADES ARE USED, THE INTERVAL BETWEEN DEVICES MAY BE DOUBLED.
 - ⑥ CONES, DRUMS, OR BARRICADES AT 20' CENTERS IN TAPER.

FILE NAME =	USER NAME = apufundt	DESIGNED -	REVISED -
N:\NORTHLAKE\940832DC134\Civil\MOT_940832DC134.SHT		DRAWN -	REVISED -
	PLOT SCALE = 28"	CHECKED -	REVISED -
	PLOT DATE = 4/14/2014	DATE -	REVISED -

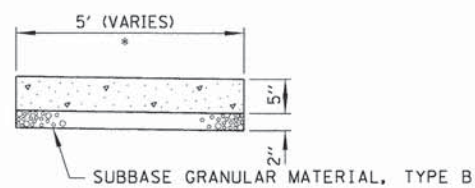
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
LAVERGNE AVENUE TO WOLF AVENUE

SCALE: *SCALE# SHEET 18 OF 34 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	18
				CONTRACT NO. 61A43
ILLINOIS FED. AID PROJECT				

DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 CHECKED: _____
 PLAN: _____ NO. _____
 ENGINEERING LTD.
 CHRISTOPHER B. BURKE
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 822-0900
 DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 CHECKED: _____
 PROFILE: _____ NO. _____
 STRUCTURE NOTATIONS: _____

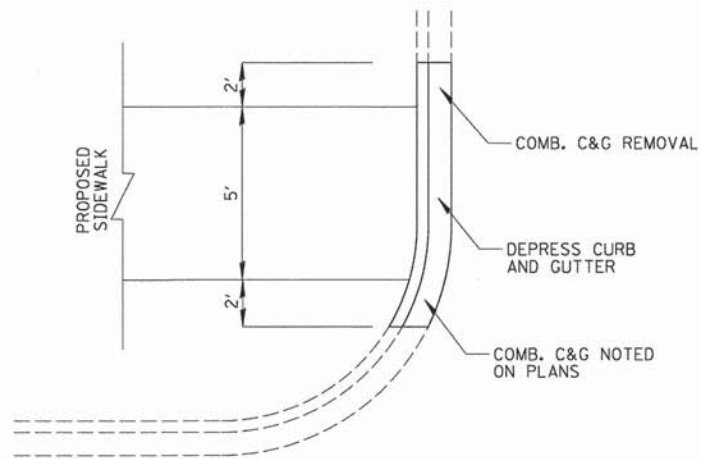


CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

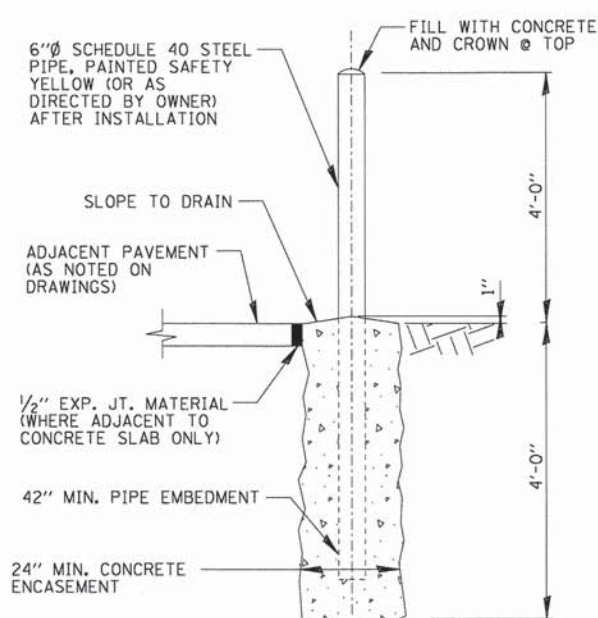
NOTES:

1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK TO MEET CURRENT ADA REQUIREMENTS SHALL BE INCLUDED IN THE COST FOR P.C.C. SIDEWALK.
2. WHEN FORMS ARE REMOVED FROM THE SIDEWALK THE SIDEWALK SHALL BE EITHER BARRICADED OR BACKFILLED WITHIN 24 HOURS.
3. SIDEWALK ADJACENT TO PAVEMENT WILL REQUIRE THICKENED EDGE PER TYPICAL SECTION.

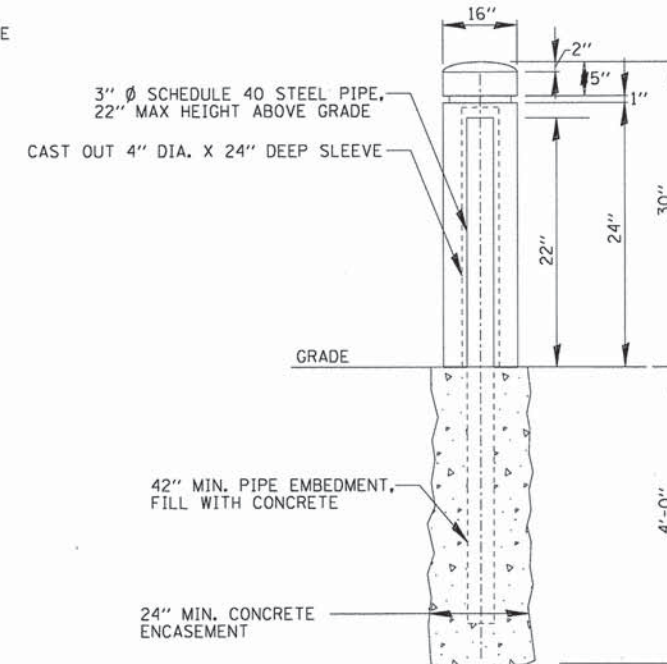
P.C.C. SIDEWALK DETAIL



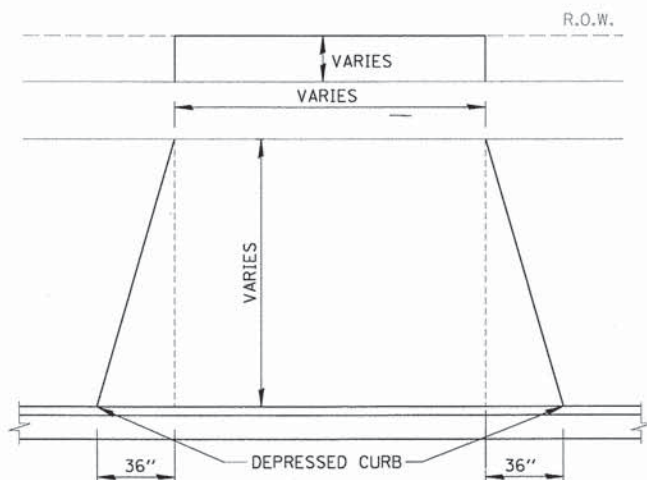
**PROPOSED DEPRESSED CURB & GUTTER
EXISTING CURB & GUTTER NOT DEPRESSED**



BOLLARDS DETAIL



**CONCRETE BOLLARDS DETAIL
N.T.S.**

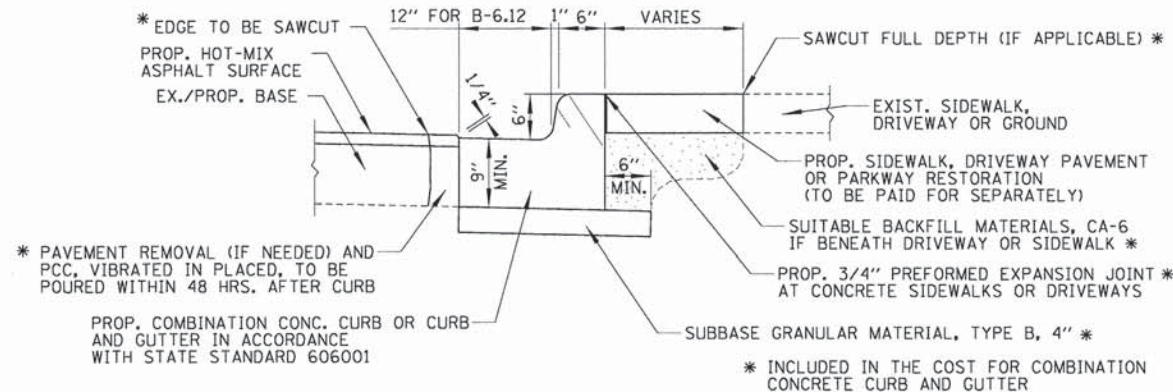


DETAIL OF DRIVEWAY

THIS TYPICAL DRIVEWAY LAYOUT IS FOR BOTH CONCRETE AND ASPHALT DRIVES

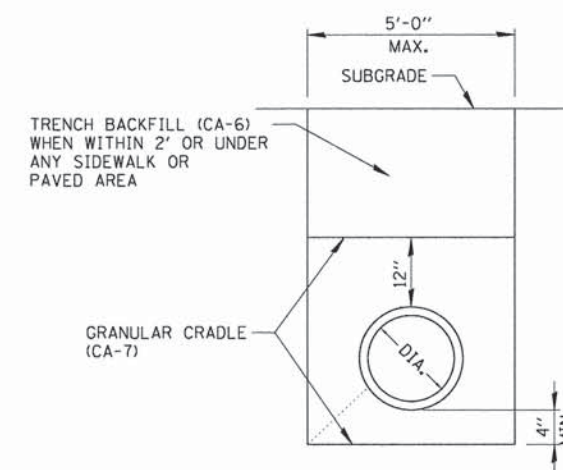
NOTES:

1. PROPOSED SIDEWALK THROUGH DRIVEWAY SHALL BE 7 INCHES OF PORTLAND CEMENT CONCRETE ON 2 INCH SUB-BASE GRANULAR MATERIAL, TYPE B.
2. THE HMA SURFACE COURSE USED TO REPLACE DRIVEWAYS WILL BE PAID FOR PER TON.

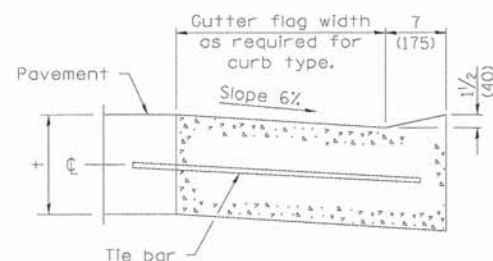


COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

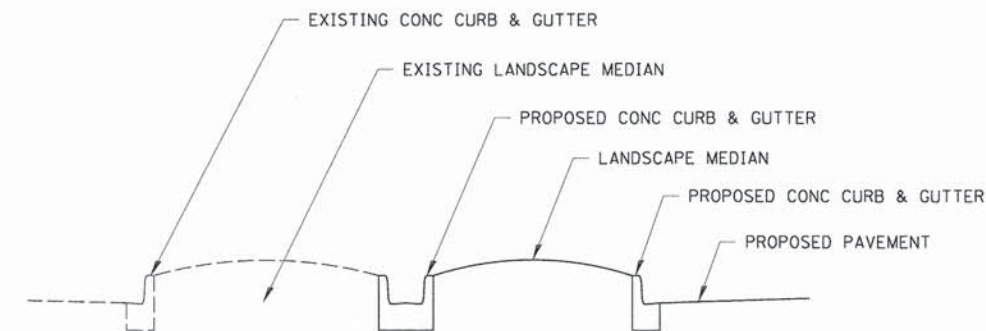
ALL REQUIRED EARTH EXCAVATION AND SUITABLE BACKFILL TO CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER WILL BE INCLUDED IN THE COST FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12



TYPICAL TRENCH DETAIL



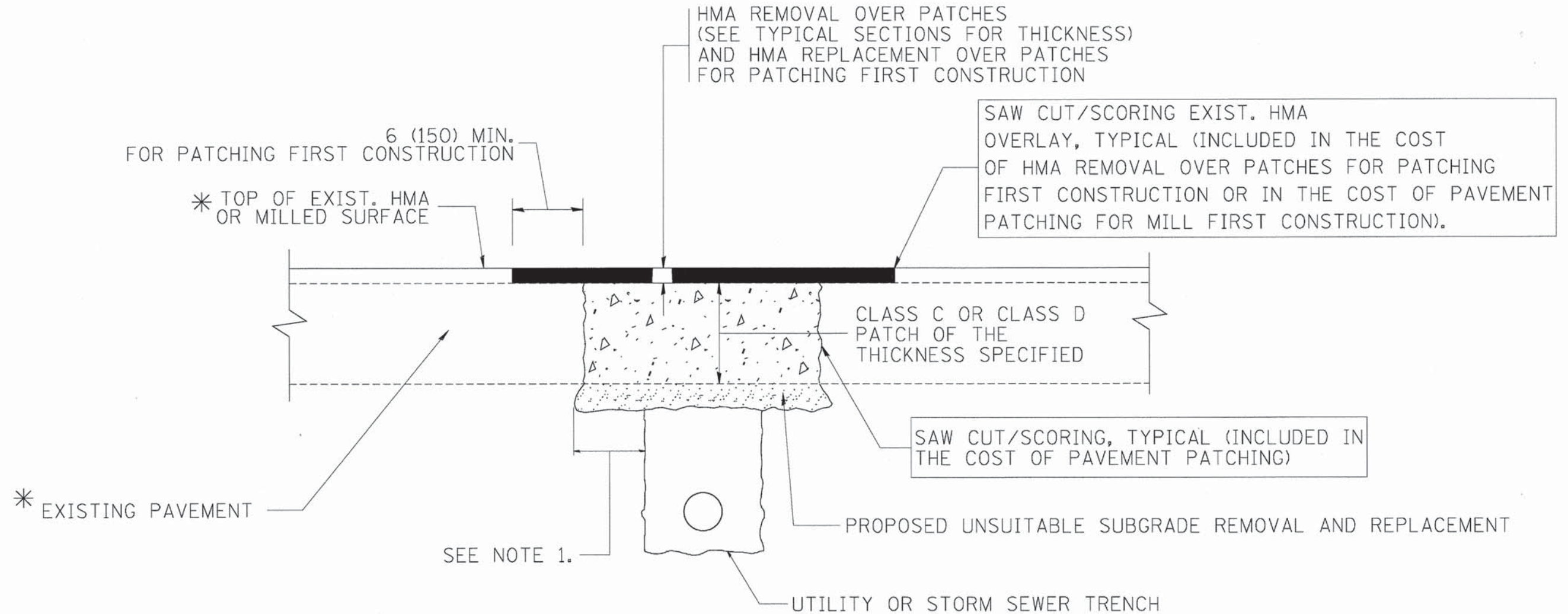
DEPRESSED CURB (TYPICAL)



NOTE: CURB AND GUTTER BETWEEN LANDSCAPE ISLANDS ARE POURED FACE TO FACE

**LANDSCAPE ISLAND DETAIL
N.T.S.**

FILE NAME =	USER NAME = apufundt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\NORTHLAKE\948032HR - Municipal Review	Projects\948032 HR 200's\948032HR219\Civil	DRAWN 032HR219.01.sht	REVISED -					307	13-00085-00-CH	COOK	34	19
	PLOT SCALE = NOT TO SCALE	CHECKED -	REVISED -					CONTRACT NO. 61A43				
Default	PLOT DATE = 4/18/2014	DATE -	REVISED -					[ILLINOIS] FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

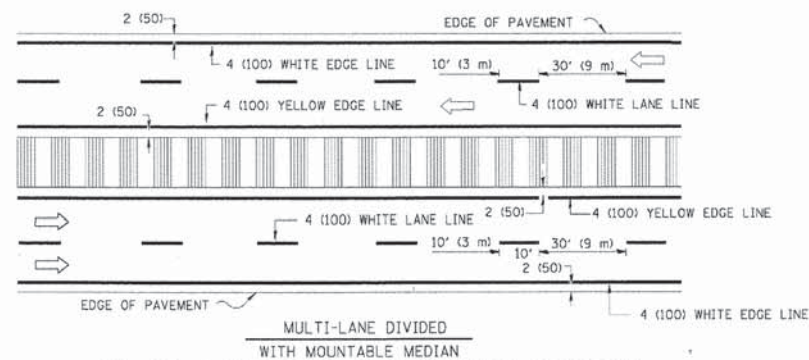
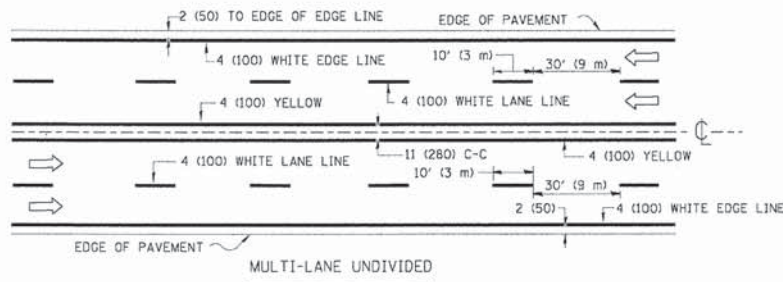
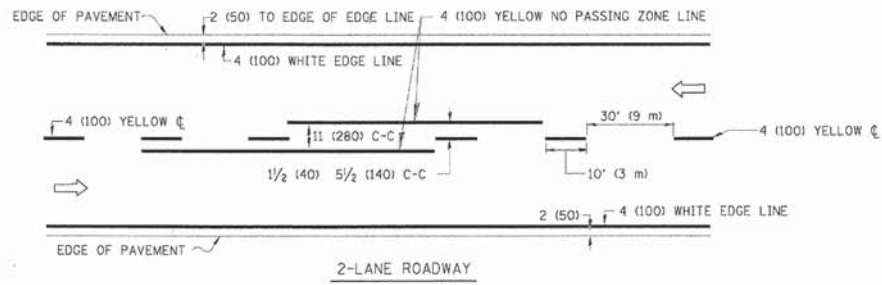
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

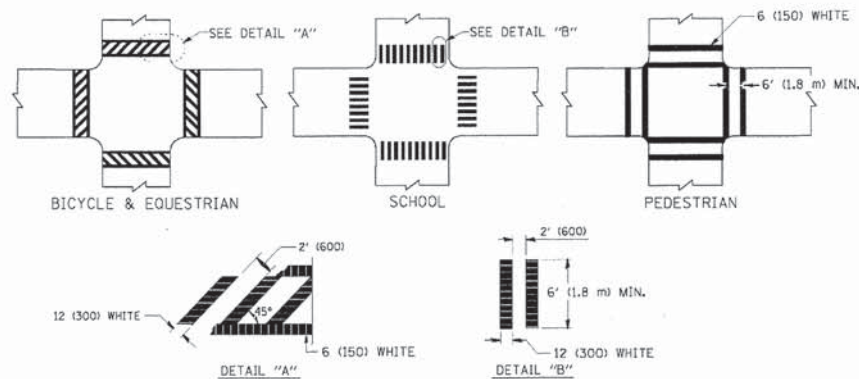
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\dststd22x34\bd22.dgn	USER NAME = bouerdj	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE. 307	SECTION 13-00085-00-CH	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 20
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22)		CONTRACT NO. 61A43		
	PLOT DATE = 10/27/2008	CHECKED -	REVISED - R. BORO 09-04-07									
		DATE - 10-25-94	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

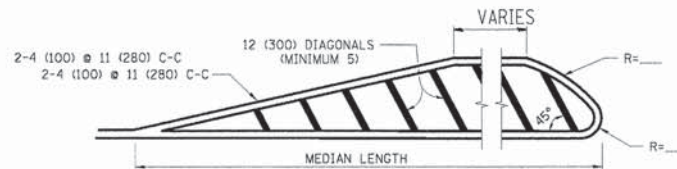
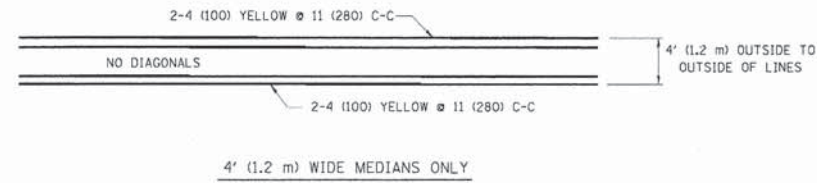


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



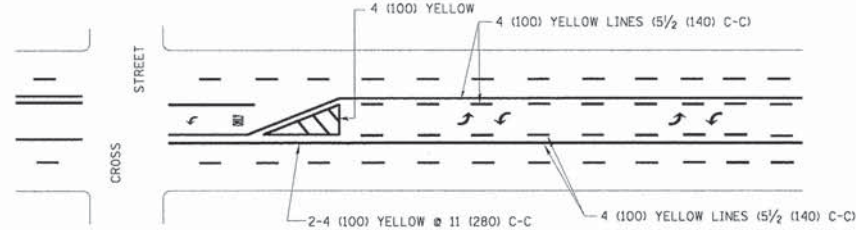
TYPICAL CROSSWALK MARKING



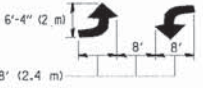
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

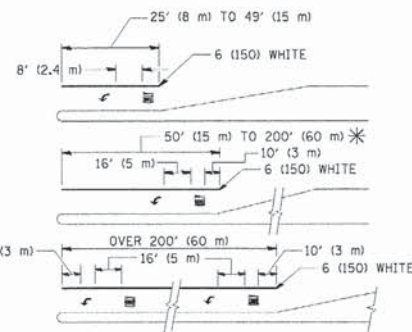


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

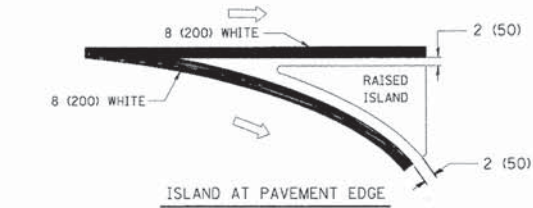
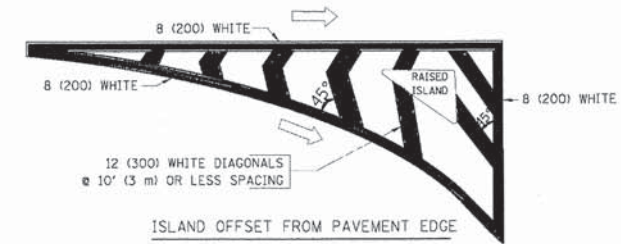


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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

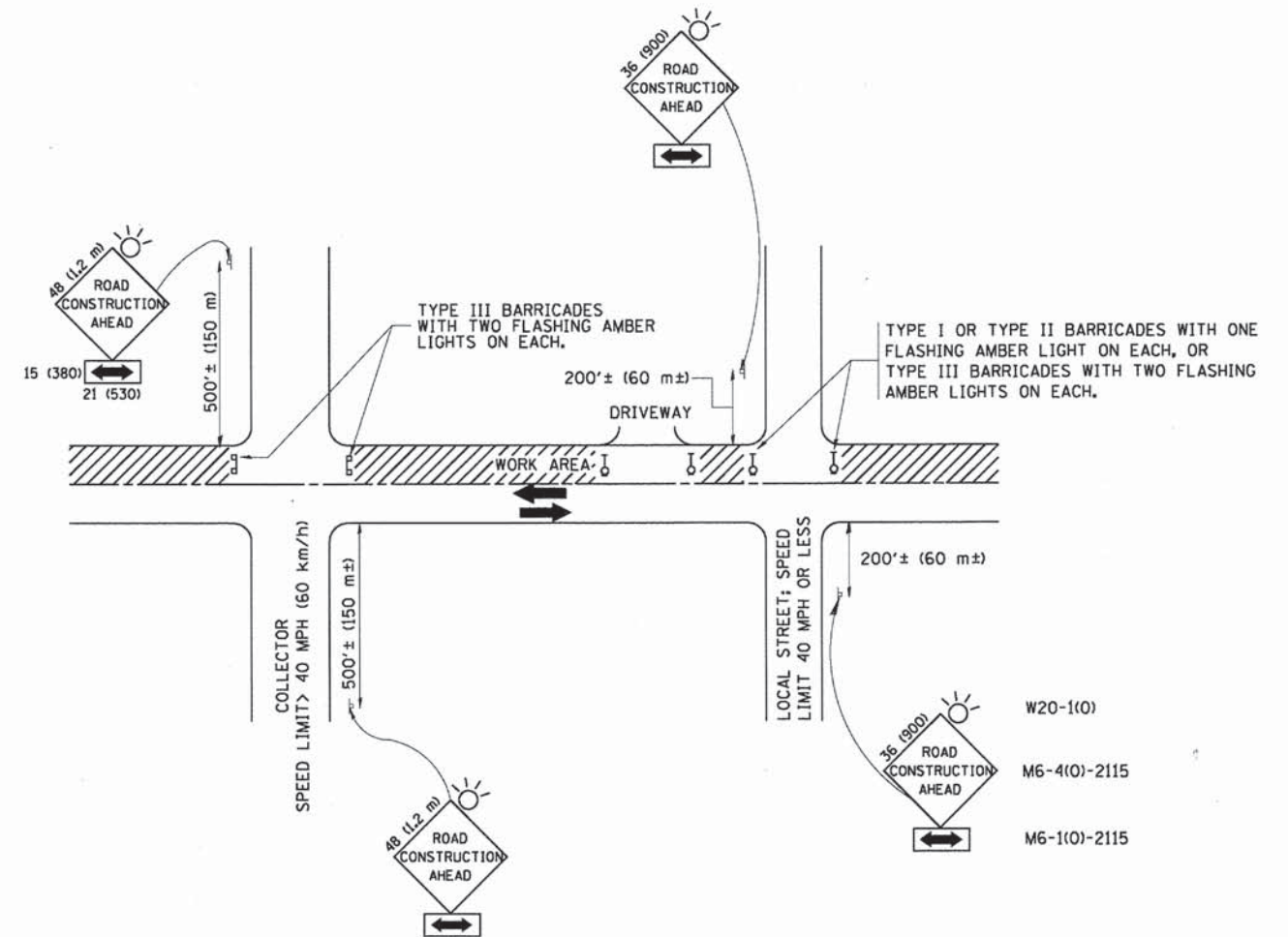


TYPICAL ISLAND MARKING

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 FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 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 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 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° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	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" 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**
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1,2 m x 1,2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 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.

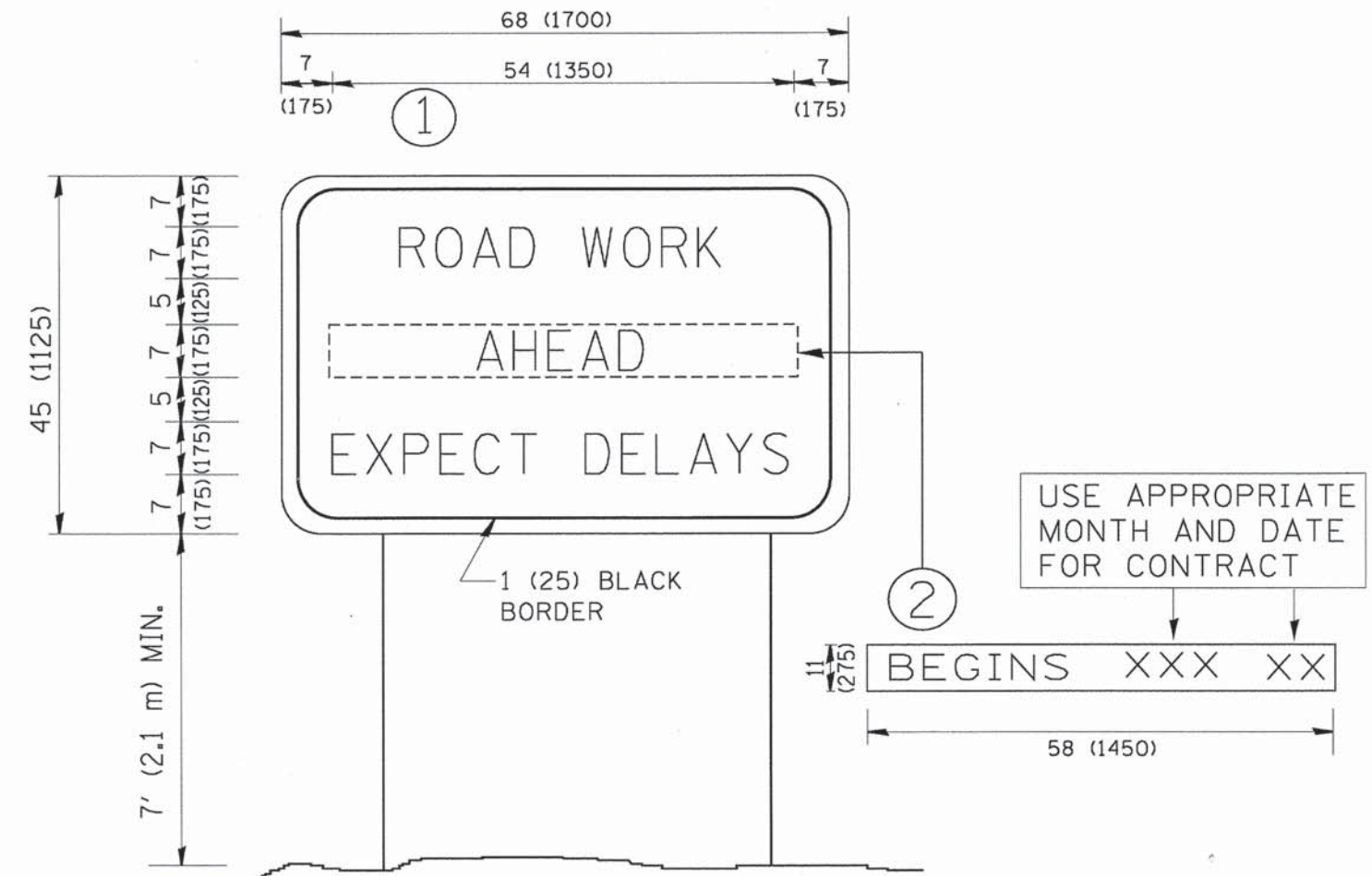
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	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

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.P. RTE. 307	SECTION 13-00085-00-CH	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 22
TC-10			CONTRACT NO. 61A43	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

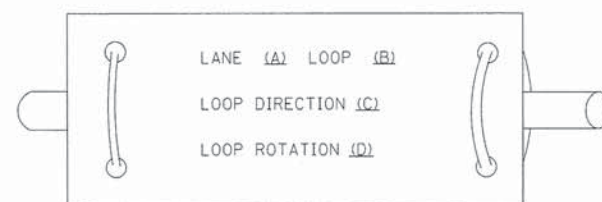
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	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	TC-22 CONTRACT NO. 61A43		
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
		DATE -	REVISED - C. JUCIUS 01-31-07									

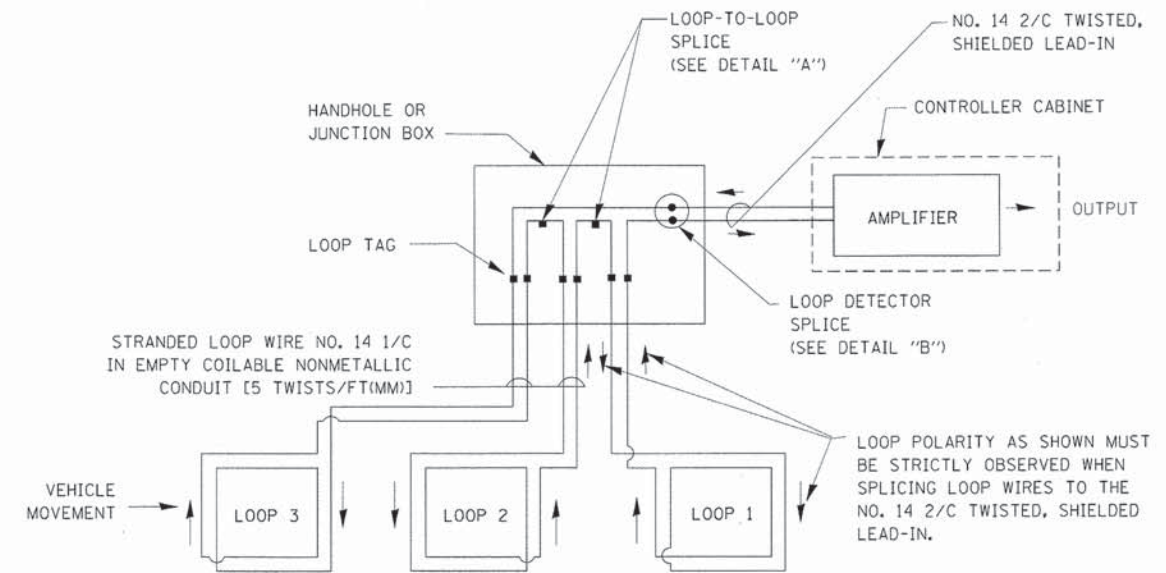
LOOP DETECTOR NOTES

1. 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.
2. 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.
3. 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.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. 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.
6. 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.
7. 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

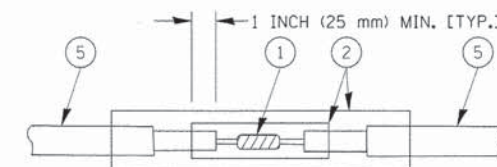


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

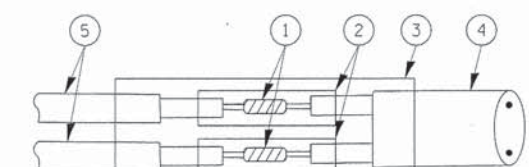


DETECTOR LOOP WIRING SCHEMATIC

- 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.

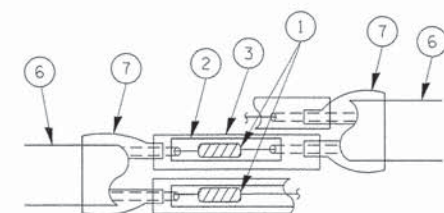


DETAIL "A"
LOOP-TO-LOOP SPLICE

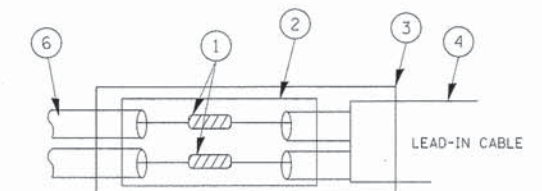


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



PREFORMED LOOP

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

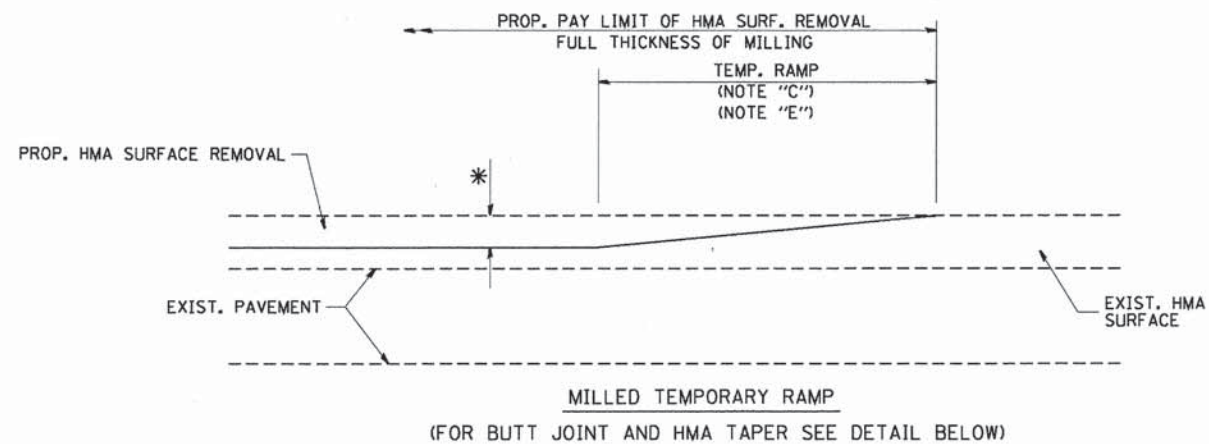
- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED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

FILE NAME =	USER NAME = bauerdl	DESIGNED - DAD	REVISED -
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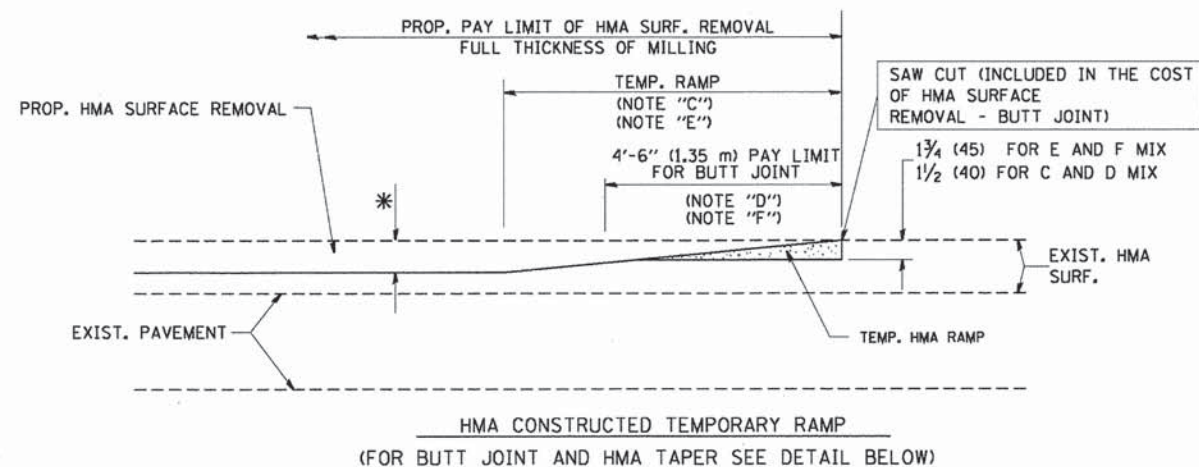
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS
SCALE: NONE SHEET NO. 1 OF 6 SHEETS STA. TO STA.

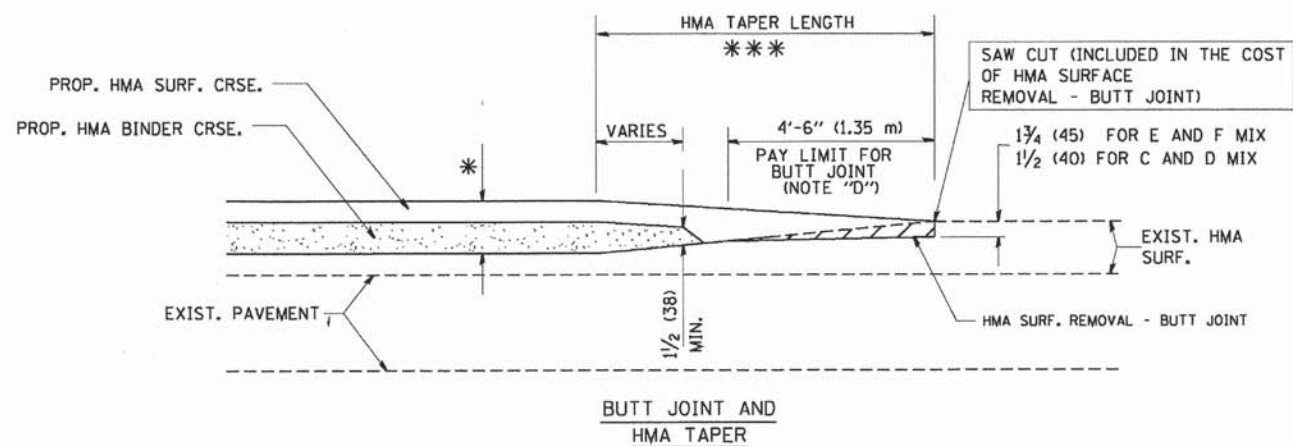
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	24
TS-05			CONTRACT NO. 61A43	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



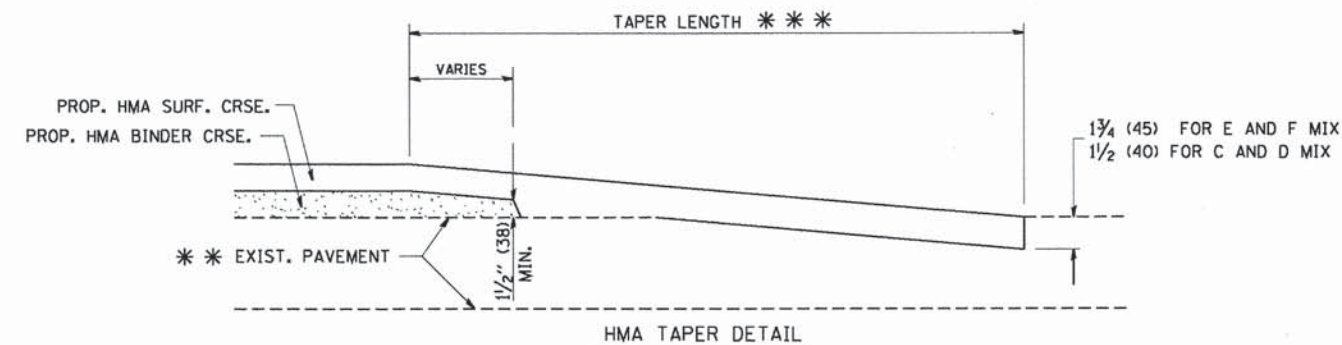
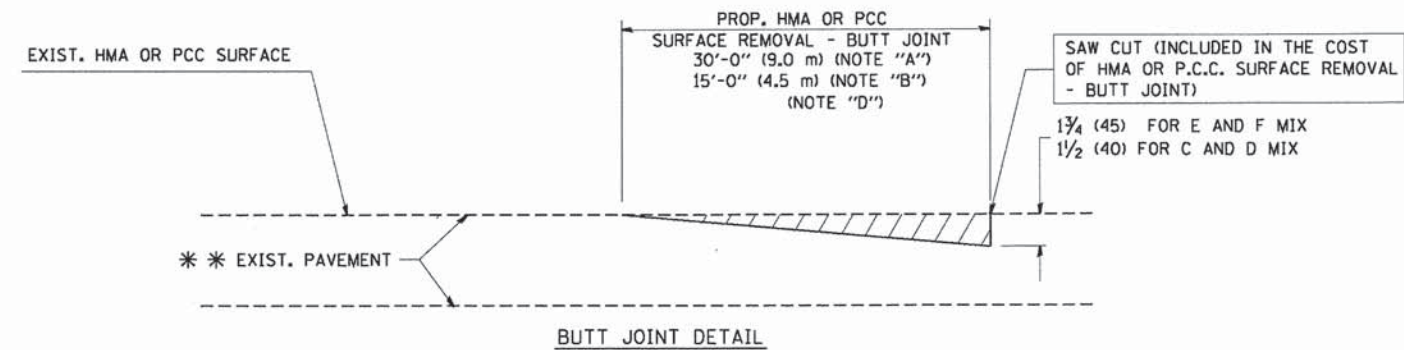
OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



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.

FILE NAME = W:\distsd\22x34\bd32.dgn	USER NAME = geglunobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		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**

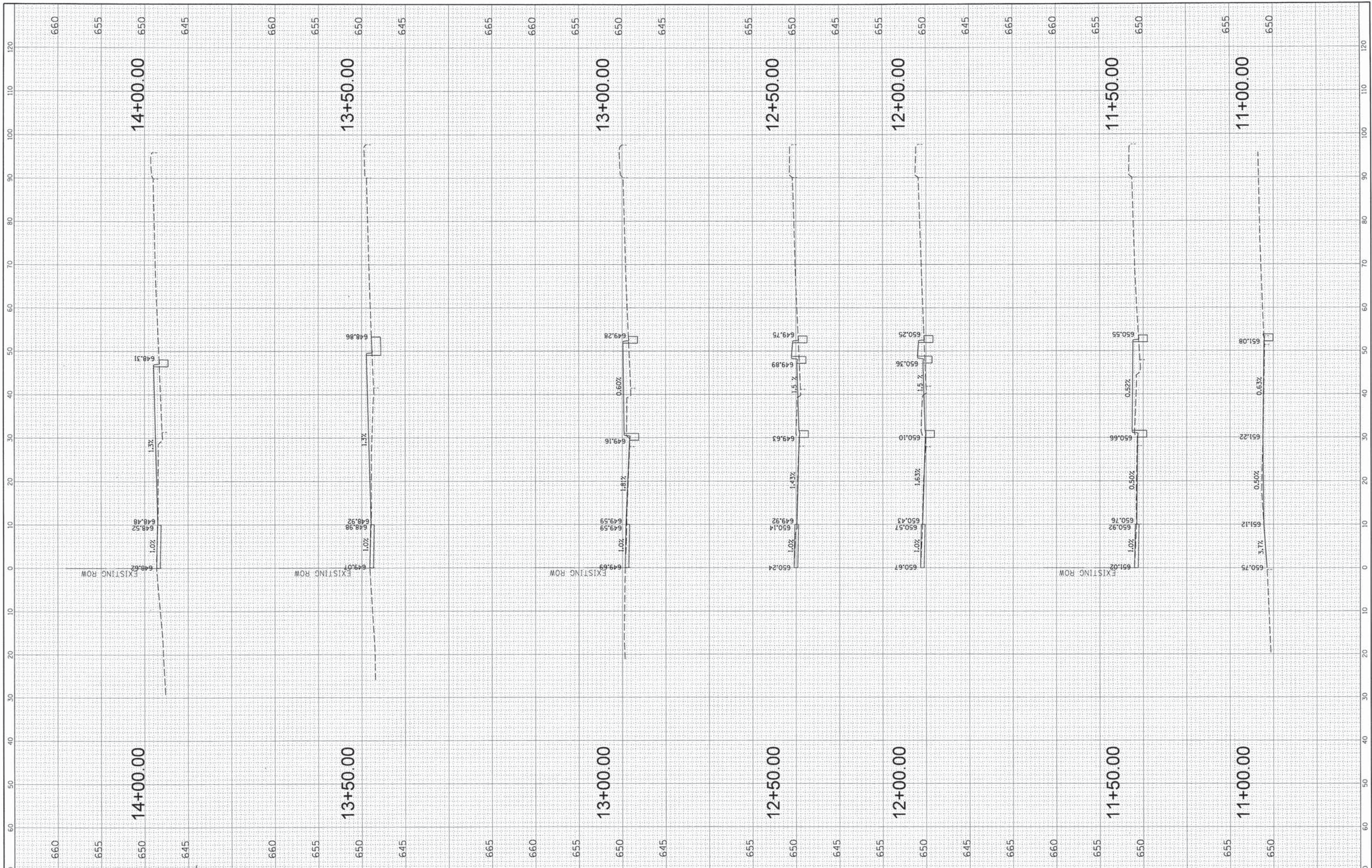
**BUTT JOINT AND
HMA TAPER DETAILS**

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

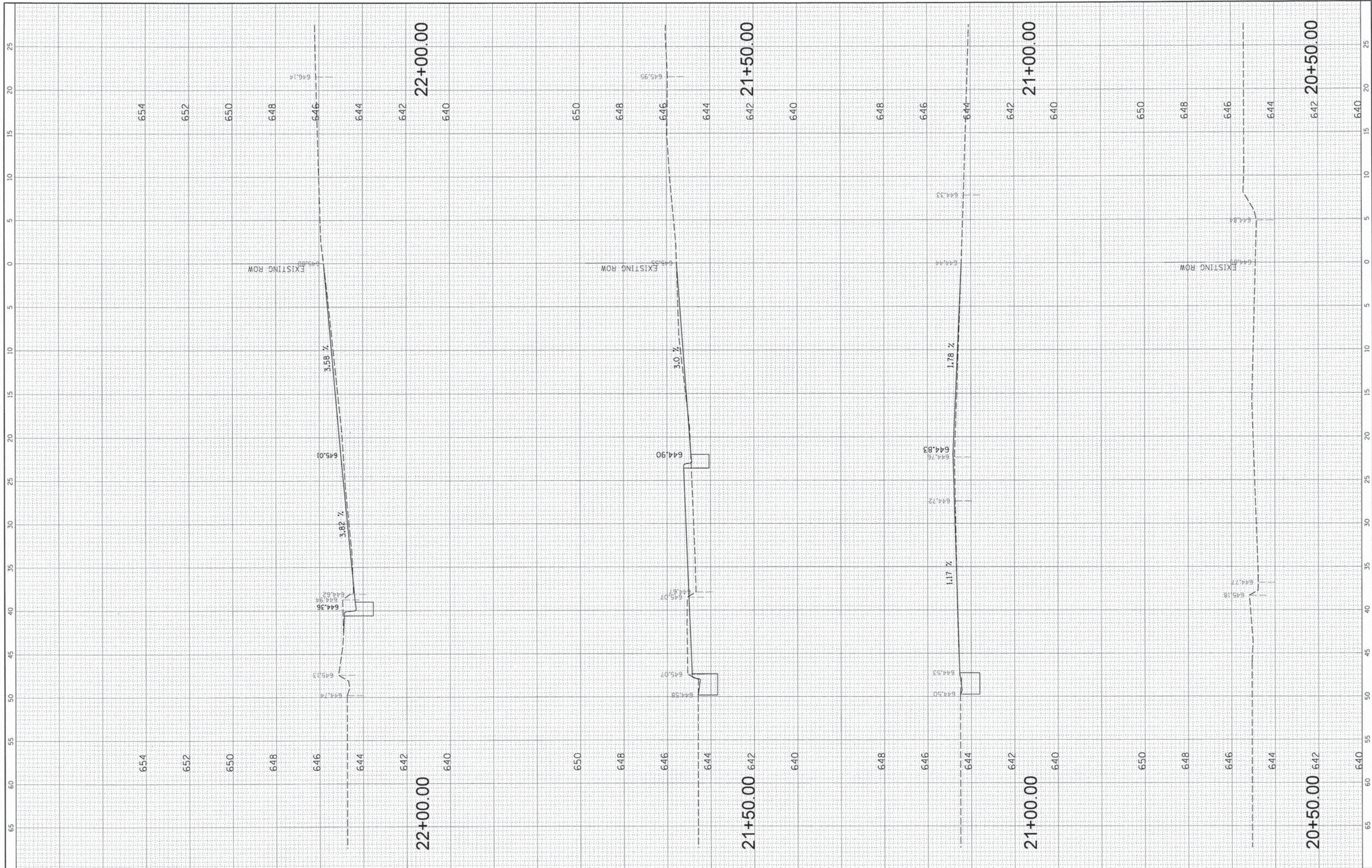
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307	13-00085-00-CH	COOK	34	26
BD400-05 BD32		CONTRACT NO. 61A43		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PROFILE	DESIGNED	DATE	BY	DATE
NO.	NOTATINS CHECKED			
NOTE BOOK	STRUCTURE			
NO.	NOTATINS CHECKED			
PLAN	NO.	DATE	BY	DATE
NO.	NO.			
NOTE BOOK	NO.			
NO.	NO.			

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FILE NAME =	USER NAME = apuFundt	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. 307	SECTION 13-00085-00-CH	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 27
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		CHECKED - MEW	REVISED -							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									



FILE NAME =	USER NAME = apufundt	DESIGNED - AMP	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

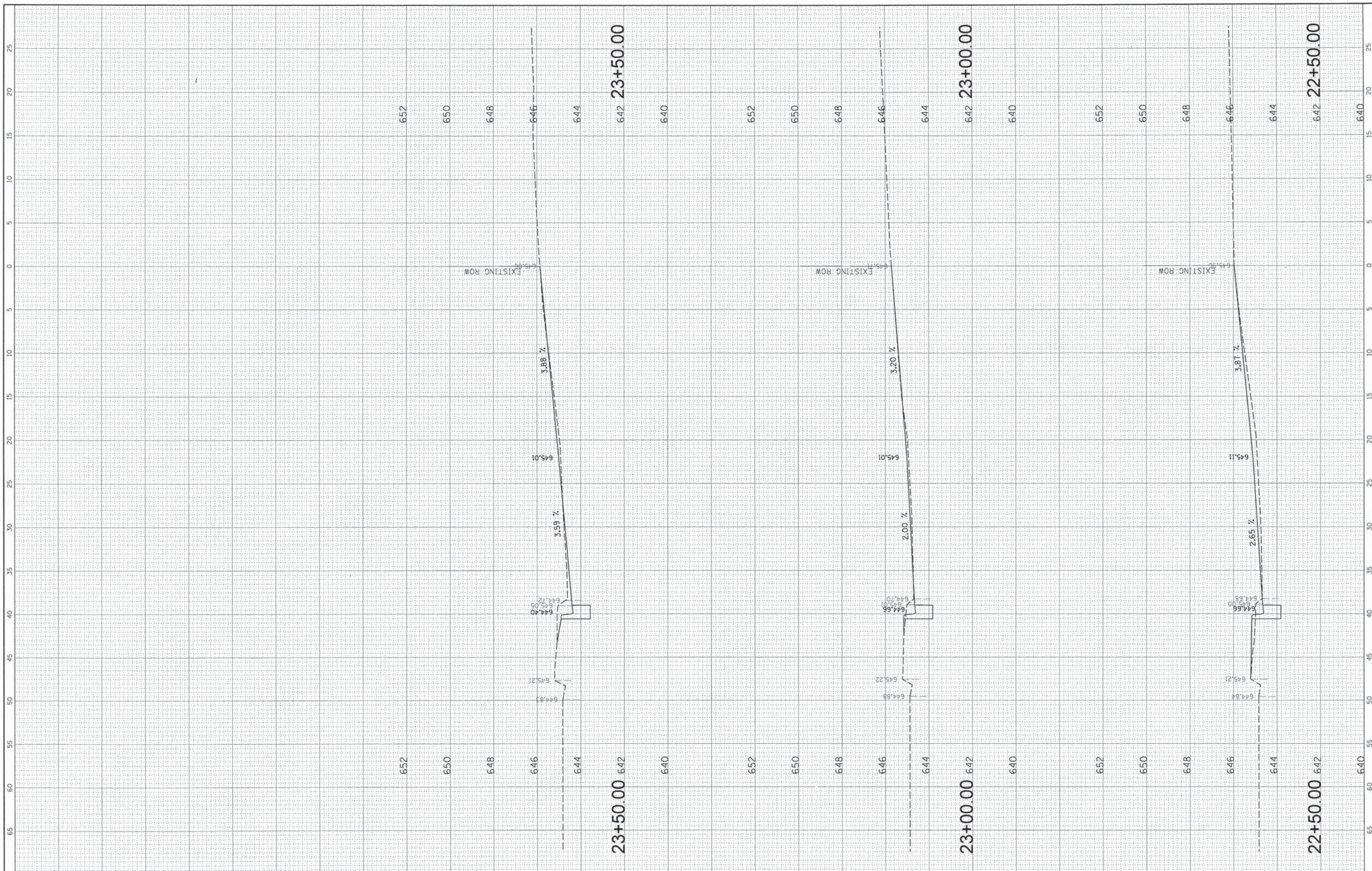
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61A43		

PROF ILE	SURVEYED	BY	DATE
NOTE BOOK	PLANNED		
NO.	CHKD		
	BY		
	DATE		
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PLAN
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 DATE

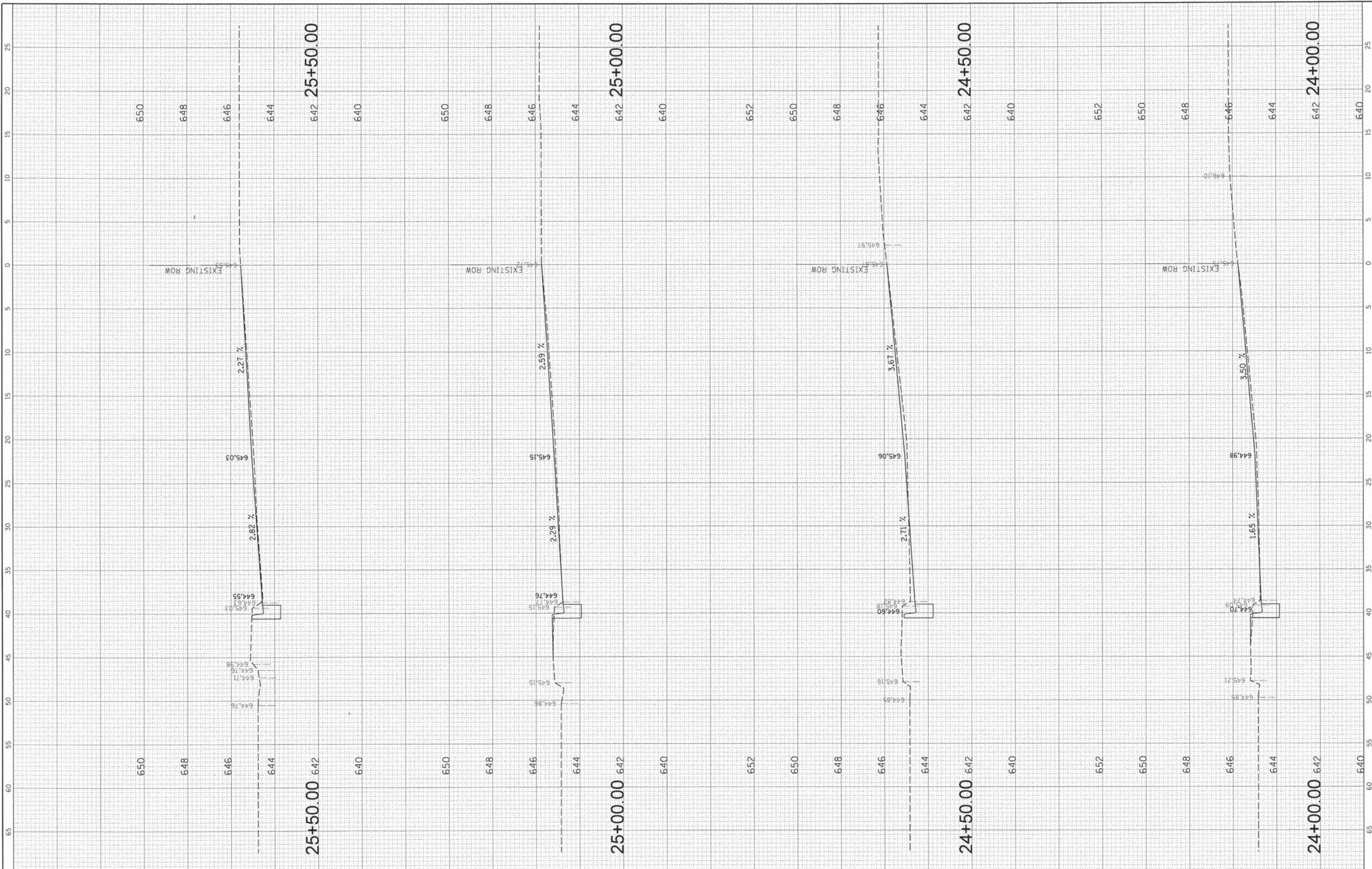


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	PLLOT DATE = 4/18/2014	MEW											FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PROFILE	SURVEYED	DATE	BY
NO.	PLOTTED		
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NO.	STRUCTURE	NOTATION	CHKD

PLAN	SURVEYED	DATE	BY
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NO.	CHECKED		
NO.	CADD FILE	NAME	

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FILE NAME =	USER NAME = apufundt	DESIGNED - AMP	REVISED -
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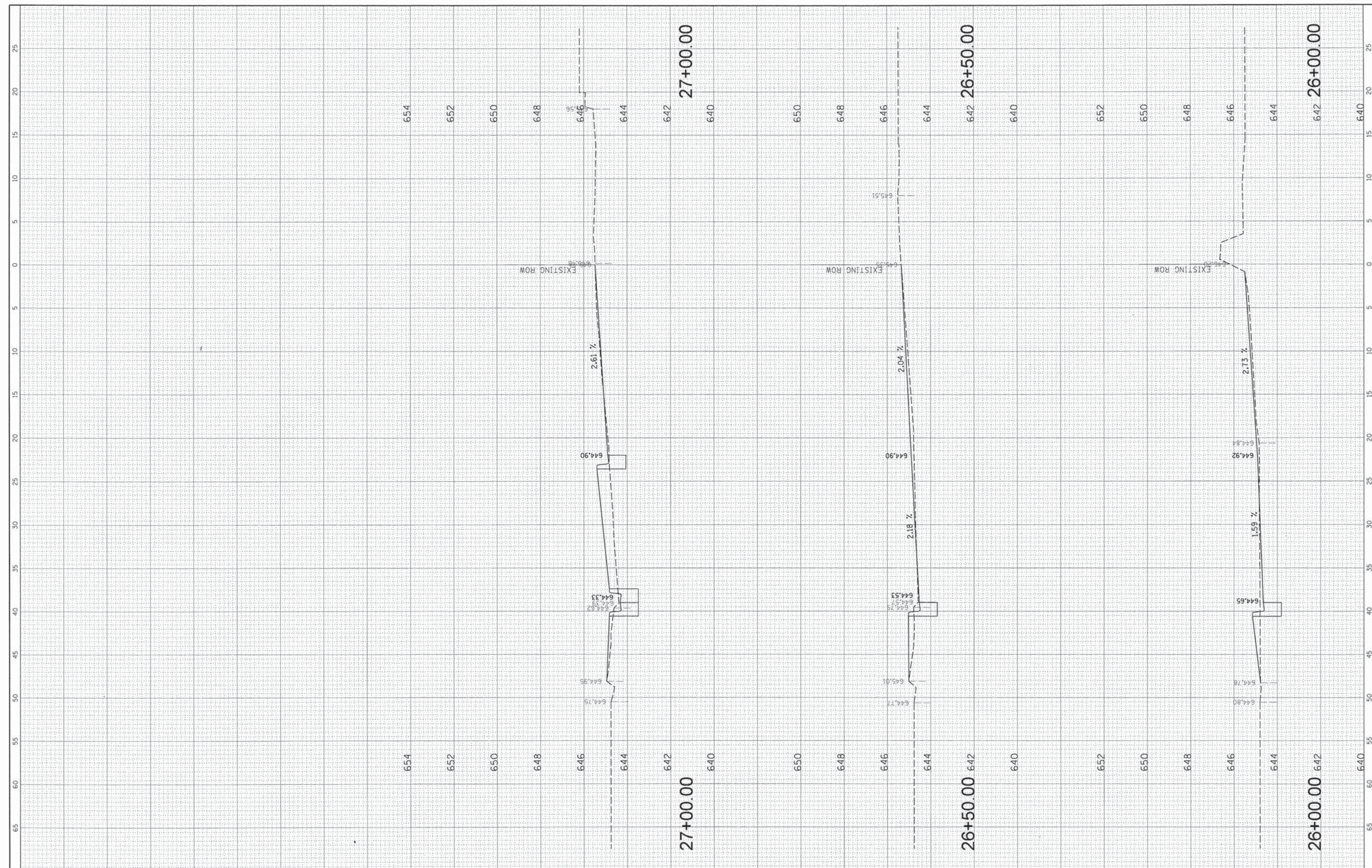
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DEPARTMENT OF TRANSPORTATION		SCALE:	SHEET NO. OF SHEETS STA. TO STA.
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
307	13-00085-00-CH	COOK	34 30
CONTRACT NO. 61A43			
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			

PROF ILE	SURVEYED	DATE	BY
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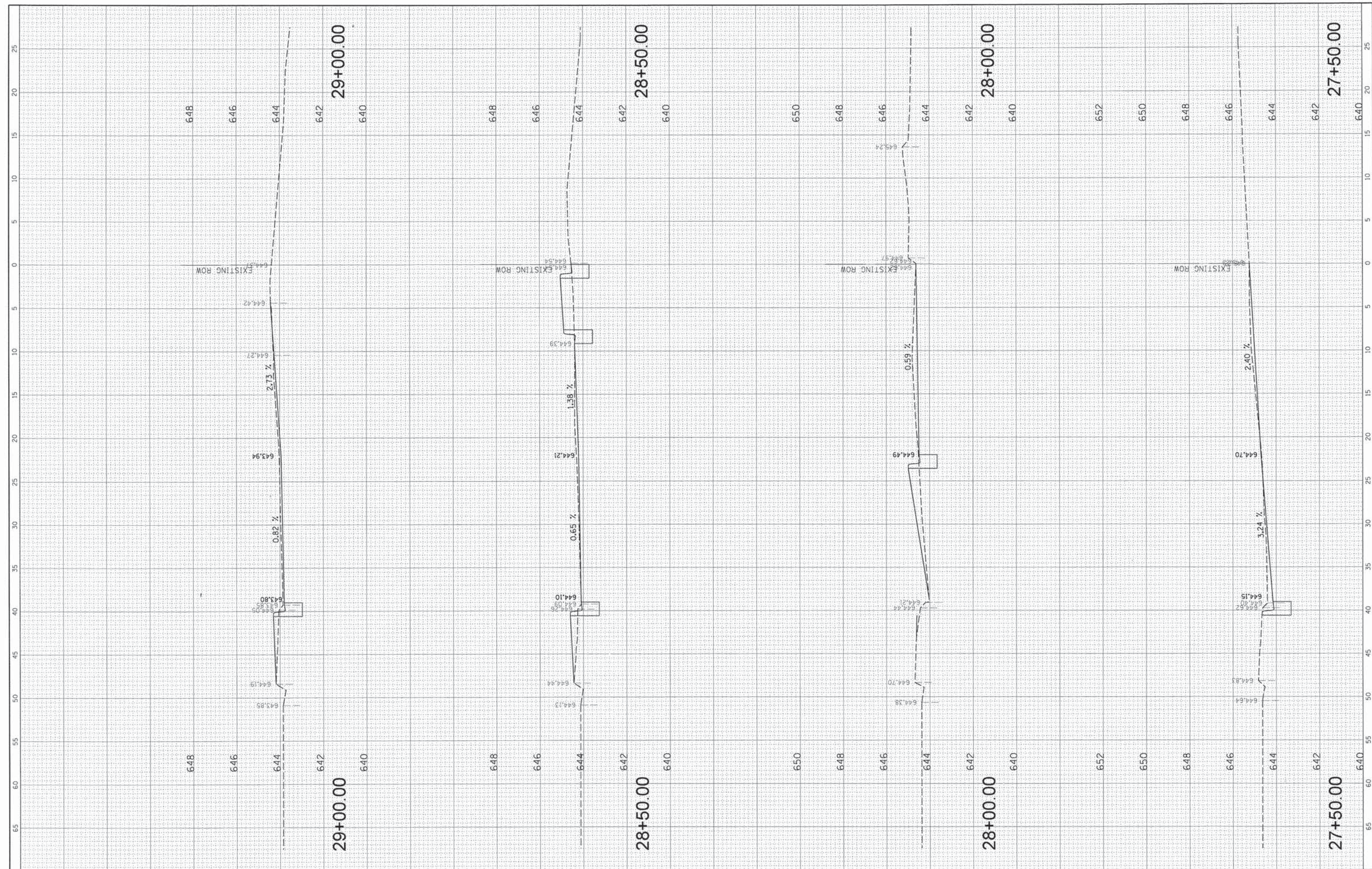
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		CHECKED	-																
	MEW	REVISED	-																
PLOT SCALE = 5'		REVISED	-																
PLOT DATE = 4/10/2014		DATE	-																

PROFILE	BY	DATE	SURVEYED	BY	DATE
NO.			PLANNED		
			NOTED		
			CHECKED		
			BY		
			DATE		
			NO.		
			DATE		
			NO.		
			DATE		

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	PLOT SCALE = 5'	CHECKED - MEW	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	32
CONTRACT NO. 61A43				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY
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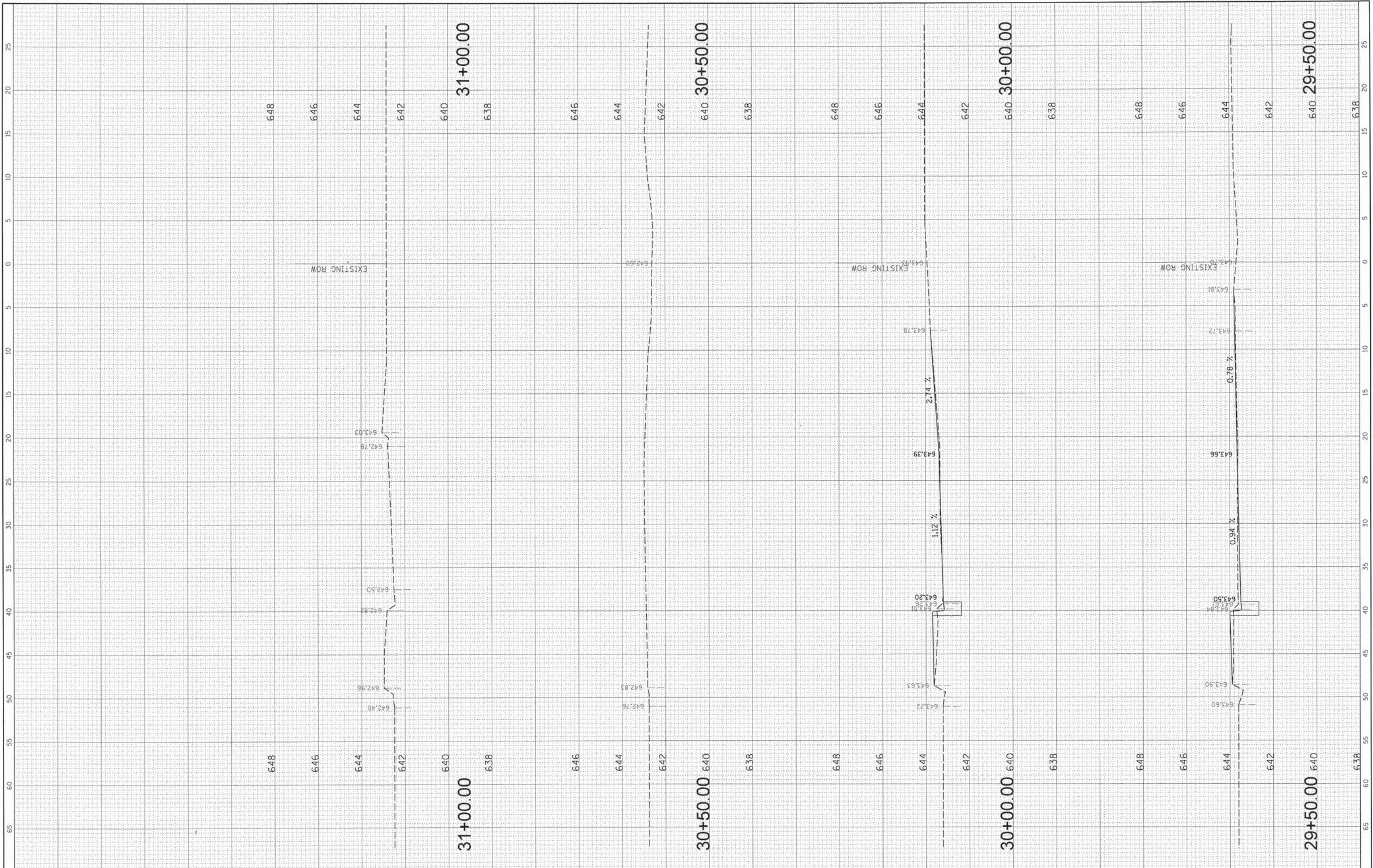
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 Rosemont, Illinois 60018
 (847) 823-0500



FILE NAME = N:\NORTHLAKE\940032HR - Municipal Review	USER NAME = ppufundt	DESIGNED - AMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A.P RTE. 307	SECTION 13-00085-00-CH	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 33			
	PLOT SCALE = 5'	CHECKED - MEW	REVISED -						CONTRACT NO. 61A43				ILLINOIS FED. AID PROJECT			
	PLOT DATE = 4/10/2014	DATE -	REVISED -						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		

PROF FILE	SURVEYED	BY	DATE
NOTE BOOK	DESIGNED	BY	DATE
NO.	DRAWN	BY	DATE
	CHECKED	BY	DATE
	STRUCTURE	NOTATIONS	CHKD
	NO.		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED	BY	DATE
NO.	RTS. OF WAY	BY	DATE
	CHECKED	BY	DATE
	NO.		

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	PLOT SCALE = 5'	CHECKED - MEW	REVISED -
	PLOT DATE = 4/18/2014	DATE -	REVISED -

STATE OF ILLINOIS		CROSS SECTIONS	
DEPARTMENT OF TRANSPORTATION		PRATER AVENUE	
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13-00085-00-CH	COOK	34	34
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61A43		