

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF SKOKIE

STATE OF ILLINOIS 11-9-12 LETTING ITEM 005
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
F.A.U. ROUTE 1332 (E. OAKTON STREET)
F.A.P. 350 U.S. ROUTE 41 (SKOKIE BLVD) TO LOWELL AVENUE
STREETSCAPE AND STREET LIGHTING
PROJECT No.: TE-00D1(889)
SECTION No.: 11-00286-00-LS
JOB No: C-91-149-12

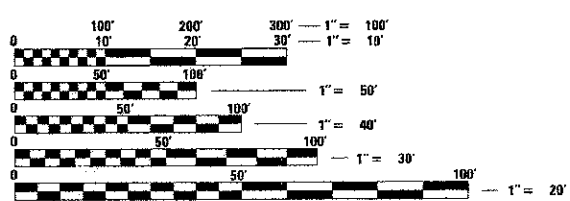
Table with columns: F.A.U. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., STA., TO STA., FED. ROAD DIST. NO., ILLINOIS, FED AID PROJECT, CONTRACT No.



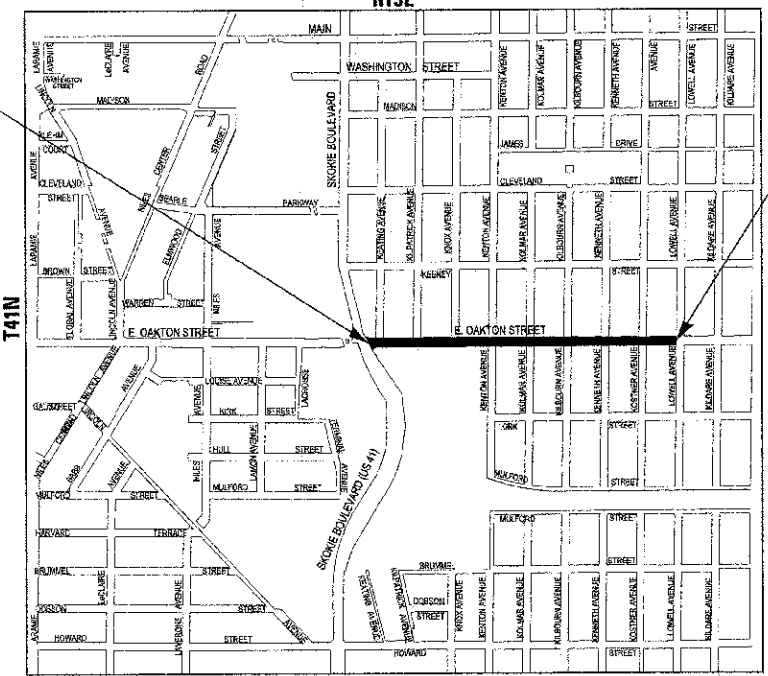
PROJECT NUMBER:
F.A.U. ROUTE 1332
(E. OAKTON STREET)
BEGIN STREETSCAPE IMPROVEMENTS
STA. 10 + 95

PROJECT NUMBER:
F.A.U. ROUTE 1332
(E. OAKTON STREET)
END STREETSCAPE IMPROVEMENTS
STA. 37 + 60

TRAFFIC DATA
E. OAKTON STREET
2010 ADT = 19,300
POSTED SPEED = 30 MPH
FUNCTIONAL CLASSIFICATION = URBAN MAJOR COLLECTOR



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.



NILES TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 2665 L.F. OR 0.50 MILES
NET LENGTH OF IMPROVEMENT = 2665 L.F. OR 0.50 MILES

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDOLE, P.E./847-705-4189/ SCHAMBERG, IL

JULIE DESIGN STAGE REQUEST
DIG. No. A2781055

Call Before You Dig logo for Julie Illinois One-Call System, including contact information for Julie at 811 or 800-892-0123.

CONTRACT NO. 63737

BAXTER WOODMAN Consulting Engineers logo.

Professional Engineer seal for David S. Hemmerlich, License No. 62-060360, expires 11-30-2013.

Approval and signature blocks for the Director of Engineering and District Engineer of Local Roads and Streets, dated August 29, 2012.

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

TRAFFIC CONTROL NOTES

1. SIDEWALK AND DRIVEWAY REMOVAL AND INSTALLATION SHALL BE LIMITED TO WORK ON ONE SIDE OF THE STREET IN EACH DIRECTION AND THREE BLOCKS AT A TIME TO MINIMIZE CONGESTION, OR AS APPROVED BY THE ENGINEER.
2. ALL STREETS SHALL ALL BE MAINTAINED AS DIRECTED BY THE ENGINEER.
3. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
4. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED.
5. LANE CLOSURES ON OAKTON STREET WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 9AM AND 3PM. ALL LANE CLOSURES SHALL BE APPROVED BY THE ENGINEER.
6. TYPE I BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 50' MAXIMUM INTERVALS ALONG THE PROPOSED WORK ZONE AND MAXIMUM 25' WITHIN TAPERED SECTIONS OR AS DIRECTED BY THE ENGINEER.
7. AT LEAST 48 HOUR NOTICE SHALL BE PROVIDED TO THE COOK COUNTY PERMIT DIVISION, MR. BHANU VYAS (312) 603-1670 BEFORE BEGINNING WORK.

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720006-03	SIGN PANEL ERECTION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
836001-01	LIGHT POLE FOUNDATION

COMMITMENTS

WORK ON THIS CONTRACT WILL NOT BEGIN PRIOR TO APRIL 1, 2013.

TREE LEGEND

KC	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
TCH	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
CSL	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
AGG	TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
NHE	TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, TRAFFIC CONTROL NOTES, BENCHMARKS, TREE LEGEND AND COMMITMENTS
3	GENERAL NOTES
4 - 6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS
8 - 9	SCHEDULE OF QUANTITIES
10	PLAN: E. OAKTON STREET STA 9+00 TO STA 19+50
11	PLAN: E. OAKTON STREET STA 19+50 TO STA 30+50
12	PLAN: E. OAKTON STREET STA 30+50 TO STA 42+50
13 - 14	STREET LIGHTING - SINGLE LINE DIAGRAM
15	STREET LIGHTING PLAN: E. OAKTON STREET STA 9+00 TO STA 19+50
16	STREET LIGHTING PLAN: E. OAKTON STREET STA 19+50 TO STA 30+50
17	STREET LIGHTING PLAN: E. OAKTON STREET STA 30+50 TO STA 42+50
18 - 21	STREET LIGHTING DETAILS
23 - 24	DETAILS
25	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
26	LIGHT POLE FOUNDATION OFFSET
27	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
28	(TC-18) SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
29	(TC-22) ARTERIAL ROAD INFORMATION SIGNING

BENCHMARKS

BM #1	ARROW BOLT @ NW CORNER OF TRIPP AVE. AND OAKTON ST. ELEV. = 607.01
BM #2	LOCATED WITHIN THE TRAFFIC ISLAND @ THE NW CORNER OF OAKTON ST. AND SKOKIE BLVD. SK318 ELEV. = 611.06
BM #3	NE CORNER OF KNOX AVE. AND OAKTON ST. W. FLANGE BOLT ELEV. = 608.56
BM #5	SE FLANGE BOLT NE CORNER OF KILBOURN AVE. AND OAKTON ST. ELEV. = 609.71
BM #7	SK311 LOCATED @ THE NW CORNER OF OAKTON ST. AND KOSTNER AVE. ELEV. = 606.27
BM #13	SOUTH SIDE OF KILPATRICK AVE. AND OAKTON ST. ARROW BOLT ELEV. = 609.73
BM #14	SW CORNER OF KENTON AVE. AND OAKTON ST. ARROW BOLT ELEV. = 610.81
BM #15	W. BOLT ON TOP OF FH @ SW CORNER OF KILDARE AVE AND OAKTON ST. ELEV. = 608.14

CONFIDENTIAL - 2013 BY BAXTER & WOODMAN, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. PROJECT NO. 11-00286-00-15 CONTRACT NO. 63737 DATE: 5/10/2012



DESIGNED	- DSH	REVISED	- 6-3-12 PER IDOT
DRAWN	- MAC	REVISED	-
CHECKED	- MDW	REVISED	-
DATE	- 5-14-12	FILE	- 100751-Gen-note.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETScape IMPROVEMENTS

INDEX OF SHEETS, HIGHWAY STANDARDS, TRAFFIC CNTRL NOTES, BENCHMARKS, TREE LEGEND AND COMMITMENTS

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-15	COOK	29	2
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1 (ILLINOIS)		FED. AID PROJECT: TE-00016891		

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION THRU 2012 OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY OR SPRINKLER SYSTEM THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL NOTIFY THE VILLAGE DIRECTOR OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
5. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE OF SKOKIE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS, BUSINESSES, AND THE ENGINEER WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE ENGINEER TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED. COMMERCIAL DRIVEWAY CLOSURE SHALL BE APPROVED BY THE ENGINEER AND AS SHOWN ON THE PLANS.
7. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
8. ACCESS TO COMMERCIAL DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
9. ANY SIGNS THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION IN ACCORDANCE WITH VILLAGE STANDARDS AND ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. ALL SIGN PLACEMENT SHALL BE COORDINATED WITH THE ENGINEER.
10. EXISTING PAVEMENT, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
11. IN AREAS WHERE THE EXISTING DRIVEWAY OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS DRIVEWAY PAVEMENT REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL.
12. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. EXCEPT CURB TRANSITIONS SHALL BE 6-FOOT MINIMUM. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
13. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
14. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 8-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS TRANSVERSE EXPANSION JOINTS. 3/4" SHALL BE PLACED EVERY 48 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 3-FEET. PRIOR TO THE INSTALLATION OF BOTH JOINTS, THE CONTRACTOR SHALL RECEIVE APPROVAL FROM THE ENGINEER. THIS WORK SHALL BE INCLUDED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL.
15. DURING CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO LIMIT ON-STREET PARKING IN ORDER TO COMPLETE CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE ENGINEER A MINIMUM OF 48 HOURS IN ADVANCE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE ADVANCE SIGNS TO ALERT RESIDENTS AND CUSTOMERS OF THE CONSTRUCTION WORK. THE PLACEMENT OF THESE SIGNS SHALL TAKE PLACE 48 HOURS IN ADVANCE IN ORDER TO ALLOW SUFFICIENT TIME FOR RESIDENTS AND GENERAL PUBLIC TO REVISE THEIR PARKING PATTERNS.
16. INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE USED IN AREAS WHERE PROPOSED SIDEWALK OR DRIVEWAYS ADJUT EXISTING HMA PARKING LOTS OR PROPOSED CURB AND GUTTER IS REMOVED AND REPLACED WHERE IT IS NECESSARY TO REMOVE THE HMA SURFACE TO COMPLETE INSTALLATION. AN APPLICATION OF BITUMINOUS MATERIALS (PRIME COAT) SHALL BE DONE PRIOR TO PLACING HMA.
17. ALL EXTRANEOUS HMA ABUTTING EXISTING SIDEWALK TO BE REMOVED SHALL BE REMOVED TO THE LIMITS REQUIRED TO INSTALL NEW SIDEWALK AND INCLUDED IN THE COST OF SIDEWALK REMOVAL.
18. ALL EXISTING HMA DRIVEWAY/PARKING LOT PAVEMENT REQUIRED TO BE REMOVED WITHIN THE EXISTING R.O.W. IN ORDER TO CONSTRUCT THE PROPOSED DRIVEWAY PAVEMENT SHALL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.
19. HANDHOLES USED FOR STREET LIGHTING SHALL HAVE THE WORDS "STREET LIGHTING" EMBOSSED ON THE COVER AND INCLUDED IN THE COST OF HANDHOLES.
20. CARE IS TO BE TAKEN SO AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUIT, DETECTORS AND/OR EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT, DETECTORS AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT, DETECTORS AND/OR EQUIPMENT AT NO ADDITIONAL COST.
21. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
22. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND/OR BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
23. THE LIGHTING SYSTEM SHALL BE CONSTRUCTED IN PHASES. LIGHTING SHALL BE MAINTAINED OPERATIONAL ON ONE SIDE OF THE ROAD AS THE OPPOSITE SIDE IS BEING CONSTRUCTED.
24. A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK, AND AROUND CONCRETE FOUNDATIONS. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT OR PCC SIDEWALK.
25. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
26. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24-HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.
27. FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.
28. ALL EXISTING LANDSCAPING ITEMS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS REMOVED BUT NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
29. THE CONTRACTOR SHALL UTILIZE A MECHANICAL SWEEPER TO CLEAN STREETS AFFECTED BY CONTRACTORS OPERATIONS, INCLUDING HAUL ROUTES, AT LEAST TWICE A WEEK AND ADDITIONALLY AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF MOBILIZATION.
30. PRIOR TO CONSTRUCTION OF ANY PROPOSED FOUNDATIONS, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED FOUNDATION CONSTRUCTION.
31. LINE AND GRADE STAKES WILL BE SET ONE TIME BY THE SURVEYOR OR ENGINEER. THE CONTRACTOR SHALL NOTIFY THE SURVEYOR THAT STAKES WILL BE NEEDED AT LEAST 3 WORKING DAYS IN ADVANCE OF STARTING THEIR WORK (ADDITIONAL NOTIFICATION SHALL BE PROVIDED PRIOR TO THE START OF INITIAL PROJECT CONSTRUCTION OPERATIONS). ANY REQUIRED RESTAKING WILL BE PERFORMED BY THE SURVEYOR AT THE EXPENSE OF THE CONTRACTOR REQUIRING THE RESTAKING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT STAKES PROVIDED FOR THEIR USE AND TO REPORT TO THE ENGINEER ANY SPECIFIC INSTANCES OF DAMAGED OR ALTERED STAKES AND/OR MONUMENTS PROVIDED.
32. DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF A CAST-IN-PLACE 24" X 48" DETECTABLE WARNING COMPRISED OF TWO 24" BY 24" SQUARE CAST IRON PLATES AS MANUFACTURED BY NEEHAH FOUNDRY COMPANY, MODEL R-4984, OR APPROVED EQUAL. THE PANEL SHALL COMPLY WITH ADA REQUIREMENTS. THE DOMES LOCATED ON THE PLATE SHALL BE PARALLEL TO THE PAVEMENT CROSSWALK WITH THE CLOSEST CORNER AT THE BACK OF CURB. INSTALLATION SHALL BE ACCORDING TO THE MANUFACTURE'S RECOMMENDATIONS.
33. ALL SANITARY MANHOLES TO BE ADJUSTED SHALL ALSO REPLACE OR ADD AN EXTERNAL CHIMNEY SEAL, PAID FOR AS SANITARY MANHOLES FRAME AND ADJUSTMENT SEALING.
34. A QUANTITY OF SEDIMENT CONTROL DRAINAGE STRUCTURE INLET FILTERS HAS BEEN INCLUDED IN THE PLANS FOR EROSION CONTROL. ALL INLET STRUCTURES SHALL BE PROTECTED THROUGHOUT CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED.
35. TREE INSTALLATION SHALL INCLUDE WATERING BAGS TO BE FILLED ONCE PER WEEK DURING ESTABLISHMENT PERIOD OR AS DIRECTED BY THE ENGINEER.
36. ANY FILL REQUIRED TO ESTABLISH THE PROPOSED SIDEWALK SUBGRADE SHALL BE OF MATERIAL APPROVED BY THE ENGINEER AND SHALL BE INCLUDED IN THE PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
37. AT LOCATIONS OF REMOVAL OF EXISTING TREES ALL FILL REQUIRED TO ESTABLISH THE PROPOSED SIDEWALK SUBGRADE SHALL BE OF MATERIAL APPROVED BY THE ENGINEER AND SHALL BE INCLUDED IN THE PAY ITEM TREE REMOVAL.
38. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
39. ELECTRIC HANDHOLES ARE FOR THE PURPOSE OF PULLING CABLES ONLY. NO UNDERGROUND SPLICES OR SPLICES IN HANDHOLES ARE PERMITTED.
40. LIGHTING UNIT SETBACKS ARE FROM BACK OF CURB TO CENTER OF POLE FOUNDATION. SETBACK SHALL BE 4'-0" UNLESS OTHERWISE NOTED.
41. GALVANIZED STEEL CONDUITS INSTALLED UNDER ROADWAYS SHALL EXTEND 3 FEET BEYOND THE BACK OF CURB OR EDGE OF PAVEMENT AS APPLICABLE.
42. LIGHTING UNIT LOCATIONS MAY BE ADJUSTED UP TO 5 FEET PARALLEL TO THE ROADWAY TO AVOID INSTALLATION CONFLICTS FOUND IN THE FIELD. PRIOR TO ADJUSTING LIGHTING UNIT LOCATIONS THE CONTRACTOR SHALL RECEIVE APPROVAL FROM THE ENGINEER. HOWEVER, 4' BACK OF CURB SHALL BE MAINTAINED. UTILIZE OFFSET FOUNDATION IF NECESSARY.
43. LIGHTING UNIT DUCT SHALL NOT PASS THROUGH PROPOSED TREE WELLS. UNIT DUCT SHALL BE RUN BEHIND PROPOSED TREE WELLS OR ALONG THE BACK OF CURB.
44. ALL TRAFFIC SIGNS AND SIGNALS SHALL BE VISIBLE FROM ONE BLOCK AWAY (AT LEAST 250') AT THE END OF THE PROJECT. CRITICAL TRAFFIC SIGNS, AS DETERMINED BY THE ENGINEER, SHALL BE VISIBLE AT ALL TIMES AND SHALL BE RELOCATED IMMEDIATELY IF DIRECTED BY THE ENGINEER. THE ENGINEER WILL CONDUCT A VISUAL INSPECTION OF SIGN PLACEMENT AFTER PROPOSED TREES AND LIGHT POLES HAVE BEEN INSTALLED AND WILL DIRECT THE CONTRACTOR TO RELOCATE ANY OBSTRUCTED SIGNS. SIGNS MAY BE PLACED ON NEW POSTS OR ATTACHED TO LIGHT POLES. THIS WORK WILL BE INCLUDED IN THE CONTRACT IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
45. CONTACT MR. ARVIND SHAH AT (847) 827-7824 PRIOR TO RELOCATION OF ANY COOK COUNTY HIGHWAY DEPARTMENT SIGNS FOR REVIEW.

CONTRACT NO. 11-00286-00-LS
 STATE OF ILLINOIS PROFESSIONAL ENGINEER
 LICENSE NO. 041 00172 - EXPIRES 12/31/2012
 2535447 PH
 9/19/2012
 WOODMAN
 CONSULTING ENGINEERS
 1100 N. WILSON ST. SUITE 200
 DEERFIELD, IL 60015
 TEL: 847.940.0800 FAX: 847.940.0801
 WWW.WOODMAN-ENG.COM



DESIGNED - DSH	REVISED - 8-3-12 PER CCHD
DRAWN - MAC	REVISED - 8-3-12 PER IDOT
CHECKED - MDW	REVISED - 9-19-12 PER CCHD
DATE - 5-14-12	FILE - 100751-Gen-note.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETScape IMPROVEMENTS

SCALE: NONE
 STA. TO STA.

GENERAL NOTES

F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 3
C-91-149-12			CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT NO. 0001689	

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				SIDEWALK/LIGHTS 0031 QUANTITY	LANDSCAPING 0031 QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	90	90	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	120	120	
* 20101200	TREE ROOT PRUNING	EACH	1	1	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY YD	404	404	
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	849	849	
* 21101655	TOPSOIL FURNISH AND PLACE, 14"	SQ YD	347	347	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	11	11	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11	11	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11	11	
* 25200100	SODDING	SQ YD	849	849	
* 25200200	SUPPLEMENTAL WATERING	UNIT	7	7	
28000510	INLET FILTERS	EACH	46	46	
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	53	53	
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	885		885
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	4,742	4,742	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	15	15	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20	20	
42400800	DETECTABLE WARNINGS	SQ FT	456	456	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	425	425	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,000	1,000	
44000600	SIDEWALK REMOVAL	SQ FT	35,965	35,965	
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2	2	
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	42	42	
* 56500800	DOMESTIC WATER SERVICE BOXES	EACH	25	25	
60255500	MANHOLES TO BE ADJUSTED	EACH	7	7	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	4	
60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	1,000	1,000	
67100100	MOBILIZATION	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	

* INDICATES SPECIALTY ITEM

COPYRIGHT © 2007 BY WALTER S. BROWN, INC.
 STATE OF ILLINOIS PROFESSIONAL ENGINEER
 LICENSE NO. 181-020211, EXPIRES 4/30/2011
 PROJECT NO. 11-00286-00-LS
 DATE 5/14/12



DESIGNED - DSH
 DRAWN - MAC
 CHECKED - MDW
 DATE - 5-14-12

REVISED - 8-3-12 PER IDOT
 REVISED -
 REVISED -
 FILE - 100751-SQQ.shp

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-LS	COOK	29	4
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1 (ILLINOIS)		FED. AID PROJECT TE-00018891		

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				SIDEWALK/LIGHTS 0031 QUANTITY	LANDSCAPING 0031 QUANTITY
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA	FOOT	1,049	1,049	
* 81400100	HANDHOLE	EACH	2	2	
* 81702460	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0	FOOT	40	40	
* 82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 200 AMP	EACH	1	1	
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	90	90	
* 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	396	396	
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	34	34	
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	34	34	
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1	
* 85100100	PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2	
* A2004515	TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED	EACH	11		11
* A2004524	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED	EACH	17		17
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	13		13
* A2005024	TREE, GYMNOCLADUS DIOCUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	9		9
* A2018730	TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED	EACH	6		6
* B2006124	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	9		9
Z0003850	BENCHES	EACH	6		6
Z0019600	DUST CONTROL WATERING	UNIT	5	5	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	GAL MO	4	4	
X0322080	BUS SHELTER REMOVE AND RELOCATE	EACH	2		2
X0322102	TEMPORARY SIDEWALK RAMP	EACH	56	56	
* X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	10	10	
* K0036120	MULCH PLACEMENT 4"	SQ YD	347		347
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1	
X4230800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	SQ YD	53	53	
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL	SQ FT	42,677	42,677	

* INDICATES SPECIALTY ITEM

CHANGES & 2011 BY BAXTER & WOODMAN, INC.
 SCALE: 1" = 40'-0" (SEE DRAWING NOTES)
 LICENSE NO. 184-000291 - EXPIRES 4/30/2015
 3/10/2012



DESIGNED - DSH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-S00.sh1

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

SUMMARY OF QUANTITIES	
SCALE: NONE	STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 5
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1, ILLINOIS		FED. AID PROJECT - TE-00D16892		

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
				SIDEWALK/LIGHTS 0031 QUANTITY	LANDSCAPING 0031 QUANTITY
X6026052	SANITARY MANHOLES FRAME AND ADJUSTMENT SEALING	EACH	4	4	
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	9	9	
* X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	18	18	
* X8360315	LIGHT POLE FOUNDATION, 30" DIAMETER, OFFSET	FOOT	105	105	
XX000959	TRASH RECEPTACLES	EACH	10		10
XX001186	PLANTER REMOVAL	EACH	1	1	
XX001621	BRICK PAVER REMOVAL	SQ FT	123	123	
XX003689	BUS SHELTER	EACH	2		2
XX004688	BRICK PAVER SIDEWALK	SQ FT	7,966		7,966
XX008277	PORTLAND CEMENT CONCRETE UNDERLAYMENT, 5"	SQ YD	885		885
* XX008280	ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE	EACH	41	41	
* XX008281	ORNAMENTAL STREET LIGHTING UNIT - SINGLE ACORN FIXTURE	EACH	16	16	
* XX008730	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1	1	
* X8163585	UNIT DUCT, 600V, 7-1/C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	3,051	3,051	
* X8163575	UNIT DUCT, 600V, 5-1/C NO.6, 3-1/C NO.4, 1/C NO.8 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	3,288	3,288	

* INDICATES SPECIALTY ITEM

COPYRIGHT © 2012 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL ENGINEER
 LICENSE NO. 19-00000000-00000000
 11/15/2012



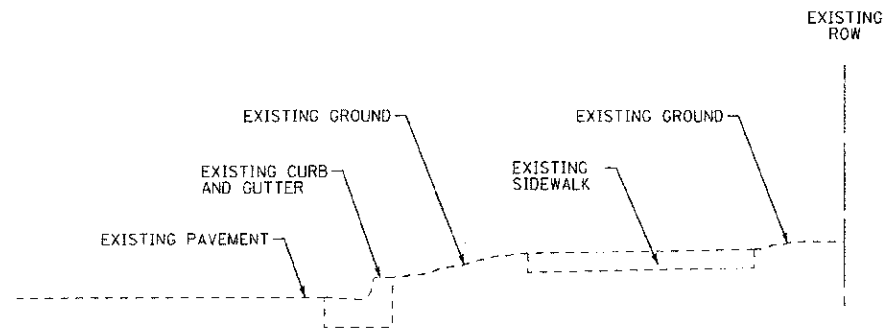
DESIGNED - DSH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-500.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

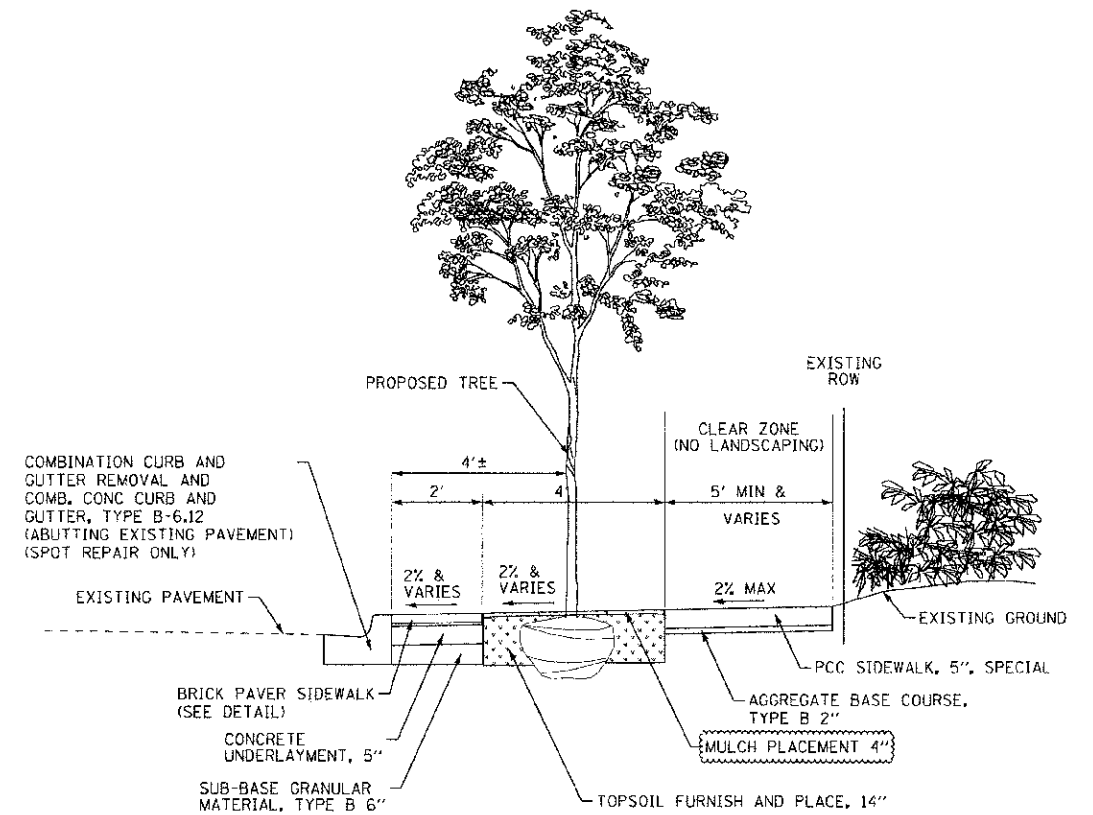
SUMMARY OF QUANTITIES

SCALE: STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-00206-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 6
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 3 ILLINOIS		FED. AID PROJECT IC-00018691		



EXISTING TYPICAL SECTION
NOT TO SCALE
E. OAKTON STREET
STA 10+95 TO STA 37+60

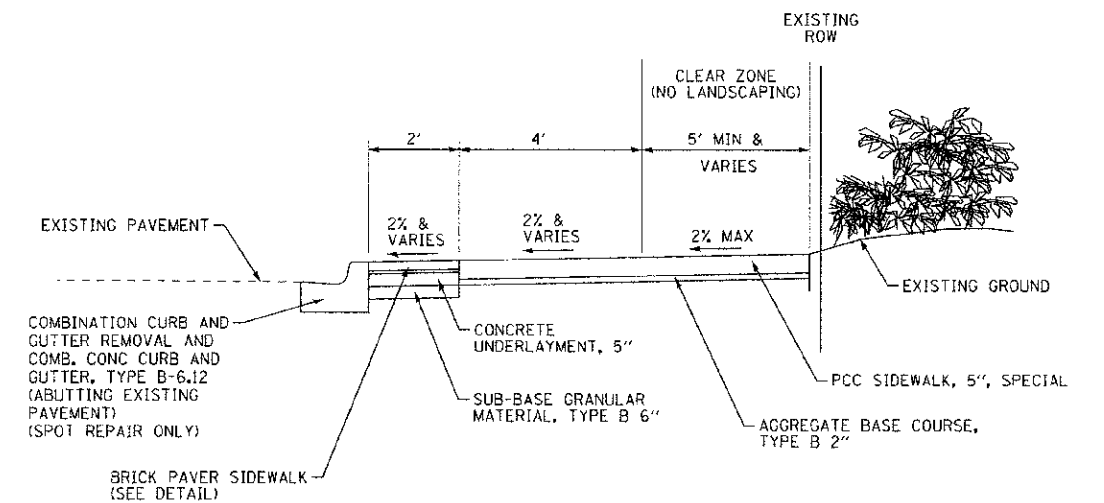


PROPOSED TYPICAL SECTION
NOT TO SCALE
E. OAKTON STREET
STA 10+95 TO STA 37+60
(AT TREE GRATES)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
INCIDENTAL HMA SURFACING	
HMA SURFACE COURSE, MIX "D", N50 (9.5mm)	4% @ 50 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
3. THE THICKNESS OF INCIDENTAL HMA SURFACING SHALL MATCH THE EXISTING PAVEMENT, OR 2" MINIMUM. IF THE THICKNESS IS 3" OR MORE, THE HMA SHALL BE PLACED IN MULTIPLE LIFTS NOT EXCEEDING 2".



PROPOSED TYPICAL SECTION
NOT TO SCALE
E. OAKTON STREET
STA 10+95 TO STA 37+60

08/13/12 8:00 AM BAXTER & WOODMAN, INC. 1150 N. LAKE ST. SUITE 200, SKOKIE, IL 60077
 LICENSE NO. 001237370003 4/23/2013
 3/28/2012 5:07:53 PM 1150 N. LAKE ST. SUITE 200, SKOKIE, IL 60077



DESIGNED - DSH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED - 10-1-12 PER VILLAGE
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-TYP.shd

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

TYPICAL SECTIONS	
SCALE:	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-LS	COOK	29	7
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT TE-0021(688)		

TREE SCHEDULE

STATION		SPECIES OF TREE
12+15	LT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
12+59	LT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
15+48	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
15+97	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
16+51	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
16+96	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
17+40	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
18+82	RT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
18+82	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
19+34	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
19+72	RT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
19+77	LT	CSL TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED
20+23	RT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
20+89	RT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
22+12	RT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
22+07	LT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
22+37	RT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
22+69	RT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
22+78	LT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
23+28	LT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
23+31	RT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
23+52	LT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
23+93	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
23+88	LT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
25+40	LT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
25+41	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
25+65	LT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
25+76	RT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
26+03	LT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
26+54	LT	AGG TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 3" CALIPER, BALLED AND BURLAPPED
26+57	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
26+85	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
27+13	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
27+27	LT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
28+58	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
28+87	LT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
28+90	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
29+15	LT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
29+18	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
29+60	LT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
29+78	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
30+09	LT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
30+10	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
30+39	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
30+41	LT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
32+03	LT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
31+98	RT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
32+29	LT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
32+26	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
32+55	LT	KC TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
32+55	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
33+02	LT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
33+07	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
33+81	LT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
33+89	RT	PSG TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
35+15	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
35+48	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
35+81	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
35+87	LT	NHE TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED
35+41	RT	TCH TREE, GLEDITSIA TRIACANHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
35+45	LT	NHE TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED
35+69	RT	NHE TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED
35+79	LT	NHE TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED
35+97	RT	NHE TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED
37+12	LT	NHE TREE, ULMAS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 3" CALIPER, BALLED AND BURLAPPED

COPYRIGHT © 2012 BY BAXTER & WOODMAN, INC.
 ALL RIGHTS RESERVED. NO PART OF THIS PUBLICATION
 LICENSED UNDER THE COPYRIGHT ACT OF 1976 MAY BE
 REPRODUCED OR TRANSMITTED IN ANY FORM OR BY
 ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING
 PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION
 STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE
 WRITTEN PERMISSION OF BAXTER & WOODMAN, INC.
 8/10/2012 9:12:18 AM



DESIGNED - OSH	REVISED - 8-3-12 PER 100T
DRAWN - MAC	REVISED -
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-Schedule.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETScape IMPROVEMENTS

SCHEDULE OF QUANTITIES	
SCALE: NONE	STA. TO STA.

F.A.U. R.T.E. 1332	SECTION 1-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 8
C-91-149-12			CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT TE-001(899)	

SIDEWALK SCHEDULE

STATION BEGIN	STATION END	4400800	42400800	X4240430	35101582	XX004888	XX008277	31101400
		SIDEWALK REMOVAL	DETECTABLE WARNINGS	PCC SIDEWALK 5 INCH, SPECIAL	AGGREGATE BASE COURSE TYPE B, 2"	BRICK PAVER SIDEWALK	PCC UNDERLAYMENT 5 INCH	GRANULAR MATERIAL TYPE B, 6"
		SQ FT	SQ FT	SQ FT	SQ YD	SQ FT	SQ YD	SQ YD
10+95 RT	18+07 RT (KNOX AVE)	3,911	24	4,960	553	1,309	145	145
11+10 LT	11+54 LT (KEATING AVE)	142	8	163	18	21	2	2
11+54 LT (KEATING AVE)	14+81 LT (KILPATRICK AVE)	1,575	16	1,790	199	272	30	30
14+81 LT (KILPATRICK AVE)	18+07 LT (KNOX AVE)	2,853	24	3,170	352	554	62	62
18+07 RT (KNOX AVE)	21+37 RT (KENTON AVE)	1,977	32	2,460	273	534	59	59
18+07 LT (KNOX AVE)	21+37 LT (KENTON AVE)	2,338	32	2,466	274	371	41	41
21+37 RT (KENTON AVE)	24+65 RT (KOLMAR AVE)	2,119	32	2,542	282	478	53	53
21+37 LT (KENTON AVE)	24+65 LT (KOLMAR AVE)	2,803	32	3,193	355	458	51	51
24+65 RT (KOLMAR AVE)	27+92 RT (KILBOURNE AVE)	2,204	32	2,647	294	461	51	51
24+65 LT (KOLMAR AVE)	27+92 LT (KILBOURNE AVE)	2,890	32	3,289	367	465	52	52
27+92 RT (KILBOURNE AVE)	31+20 RT (KENNETH AVE)	2,666	32	3,088	344	524	58	58
27+92 LT (KILBOURNE AVE)	31+20 LT (KENNETH AVE)	2,703	32	3,116	346	464	52	52
31+20 RT (KENNETH AVE)	34+48 RT (KOSTNER AVE)	1,891	32	2,300	256	430	48	48
31+20 LT (KENNETH AVE)	34+48 LT (KOSTNER AVE)	1,694	32	2,344	260	649	72	72
34+48 RT (KOSTNER AVE)	37+58 RT	2,167	32	2,722	302	538	60	60
34+48 LT (KOSTNER AVE)	37+80 LT	2,032	32	2,387	265	437	49	49
TOTAL		35,965	456	42,677	4,742	7,966	885	885

DESIGNED BY: JAVIER S. RODRIGUEZ
 DRAWN BY: MAC
 CHECKED BY: MOW
 DATE: 5-14-12
 REVISED BY: PER 1007
 REVISED DATE: 8-3-12
 FILE: 100751 Schedule.sh

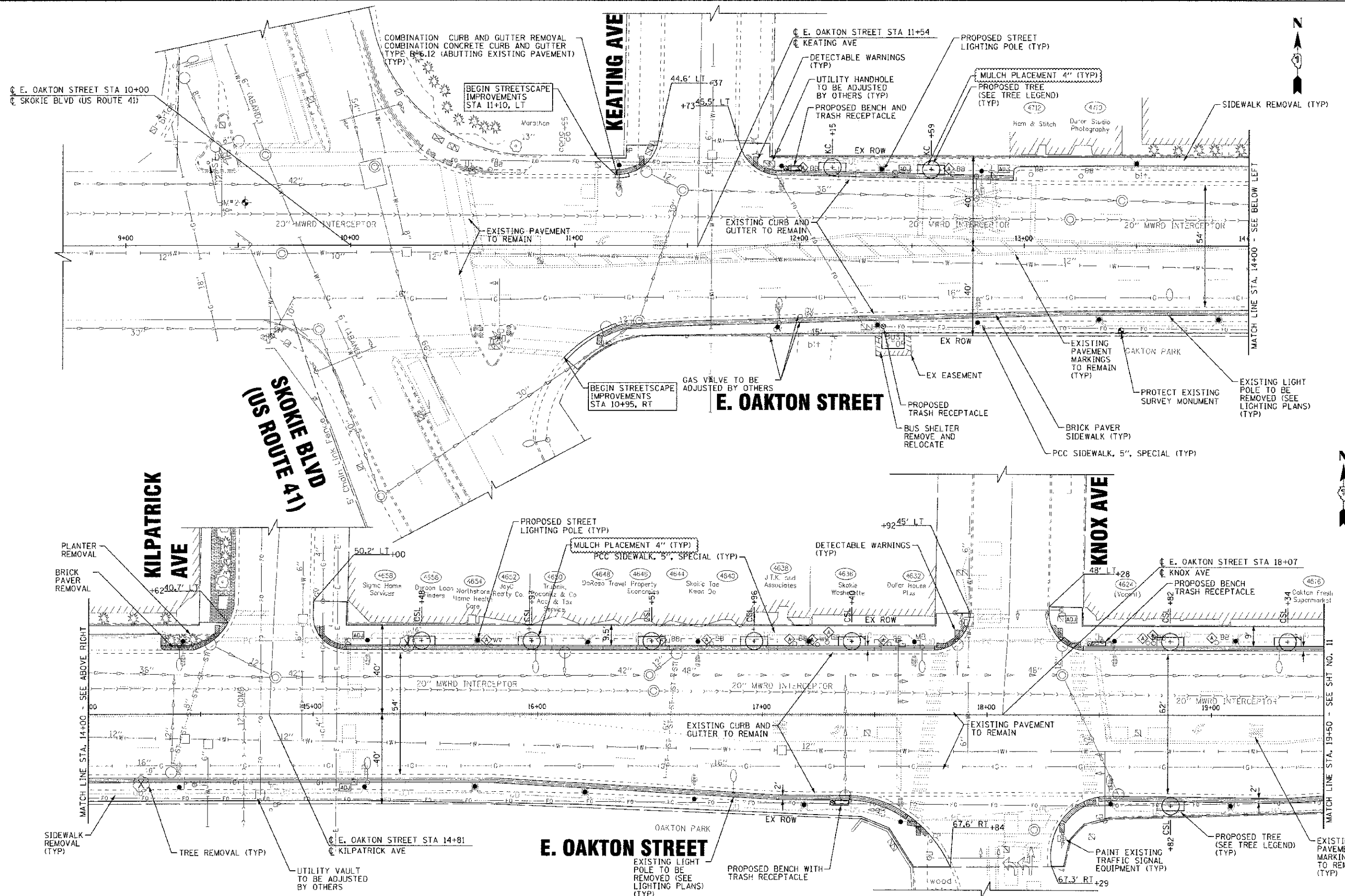


DESIGNED - DSH	REVISED - 8-3-12 PER 1007
DRAWN - MAC	REVISED -
CHECKED - MOW	REVISED -
DATE - 5-14-12	FILE - 100751 Schedule.sh

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

SCHEDULE OF QUANTITIES
 SCALE: NONE STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 9
C-91-149-12		CONTRACT NO. 63737		FED. AID PROJECT TE-0001(889)



9/28/2012 5:00PM PV
 I:\C:\system\skokie\100751-12\100751-12.dwg
 11-00286-CD-LS
 4/30/2012 4:30/2012
 100751-12.dwg
 9/28/2012 5:00PM PV

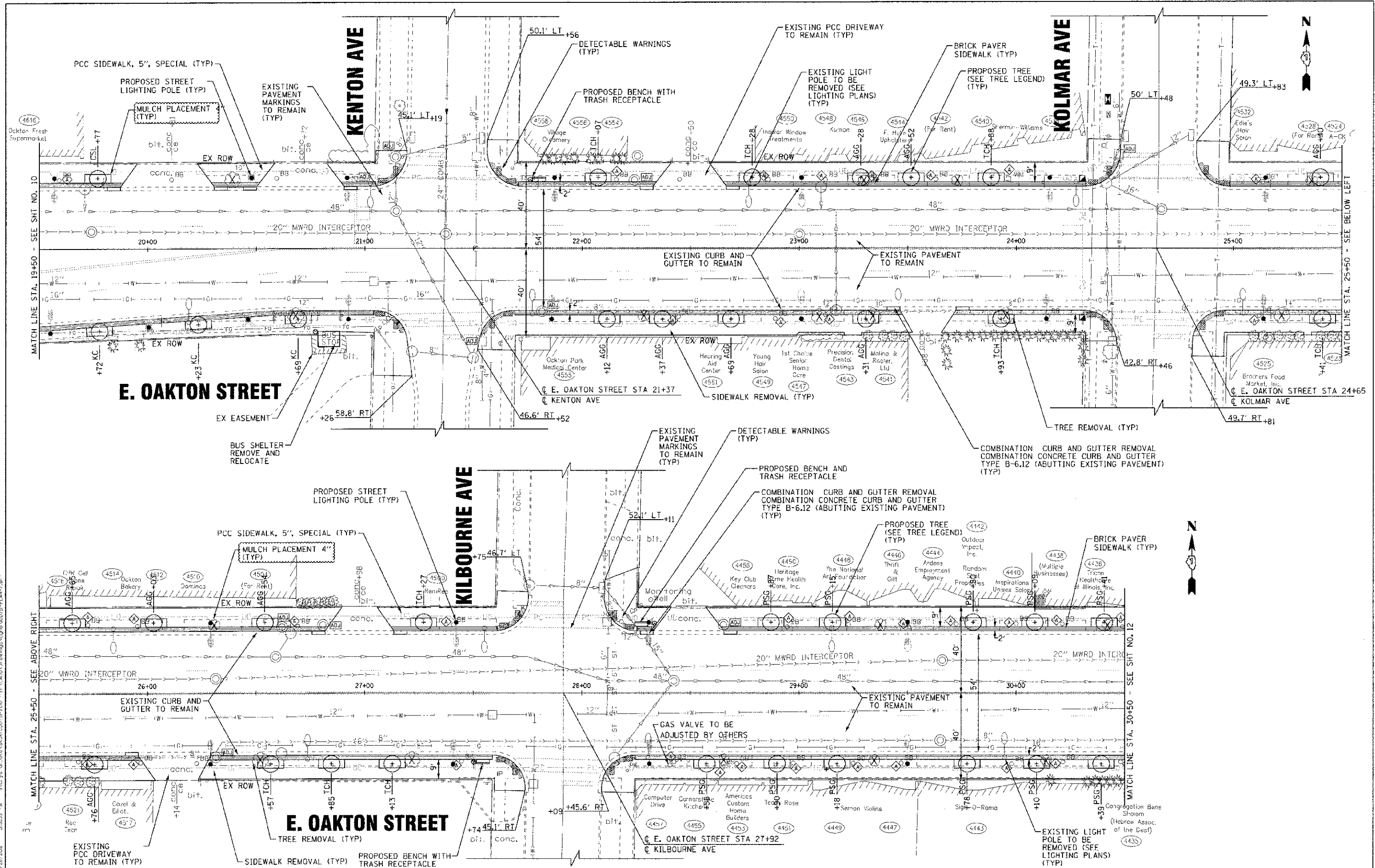


DESIGNED - DSP	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED - 10-1-12 PER VILLAGE
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-PLAN-1.dwg

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

PLAN	
E. OAKTON STREET	
SCALE: 1"=20'	STA. 9+00 TO STA. 19+50

P.A.U. RTE. 1332	SECTION 11-00286-CD-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 10
G-91-149-12		CONTRACT NO. 63737		FED. ROAD DIST. NO. 1 (ILLINOIS)
FED. AID PROJECT			TE-0021689	



COPYRIGHT © 2012 BY BAXTER & WOODMAN, INC.
 ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM BAXTER & WOODMAN, INC.
 PROJECT NO. 100751-PLAN-2.sht
 DATE: 5/14/12

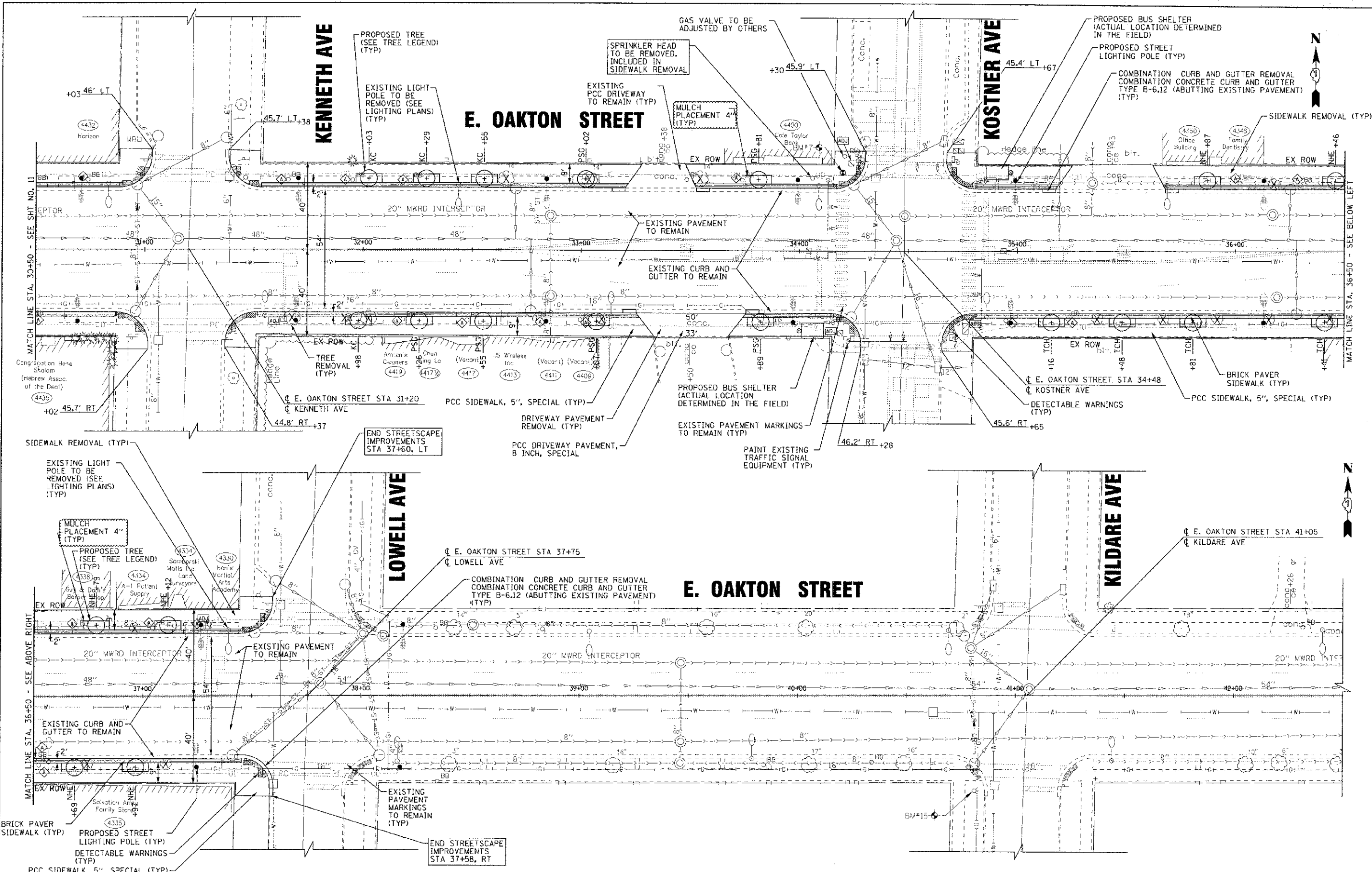


DESIGNED	- DSH	REVISED	- 8-3-12 PER IDOT
DRAWN	- MAC	REVISED	{ 10-1-12 PER VILLAGE }
CHECKED	- MDW	REVISED	
DATE	- 5-14-12	FILE	- 100751-PLAN-2.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

PLAN	
E. OAKTON STREET	
SCALE: 1"=20'	STA. 19+50 TO STA. 30+50

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-4-S	COOK	29	11
C 91.149.12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		TE-00016899



	DESIGNED - DSH	REVISED - 8-3-12 PER IDOT
	DRAWN - MAC	REVISED - 10-1-12 PER VILLAGE
	CHECKED - MDW	REVISED -
	DATE - 5-14-12	FILE - 100751-PLAN-3.shd

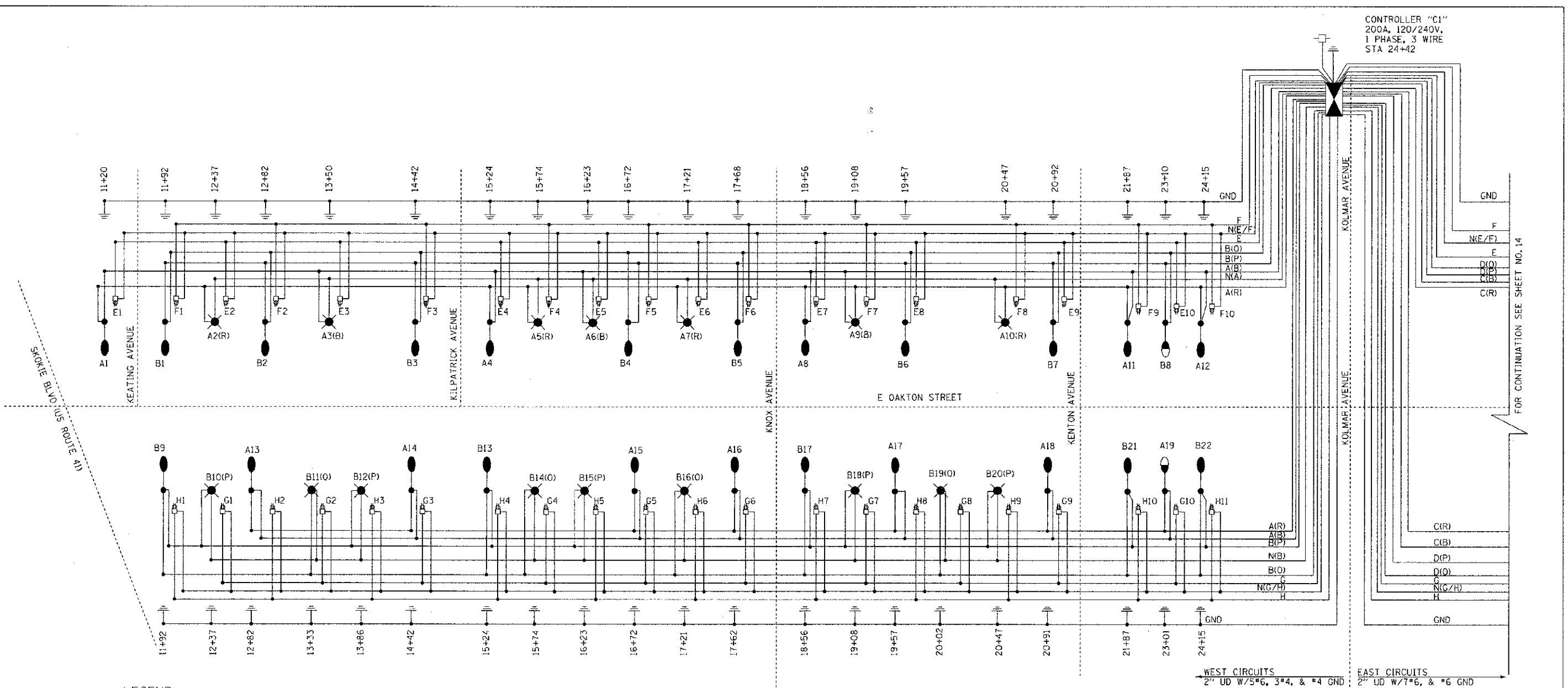
VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

PLAN	
E. OAKTON STREET	
SCALE: 1"=20'	STA. 30+50 TO STA. 42+50

F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29
	C-91-149-12	CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 (ILLINOIS)	FED. AID PROJECT		TE-30016891

COPYRIGHT © 2012 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL ENGINEER
 LICENSE NO. 041-000217 - F.A.P. 350 U.S. ROUTE 41
 5/28/2012 11:55:48 AM

CONTROLLER "C1"
200A, 120/240V,
1 PHASE, 3 WIRE
STA 24+42

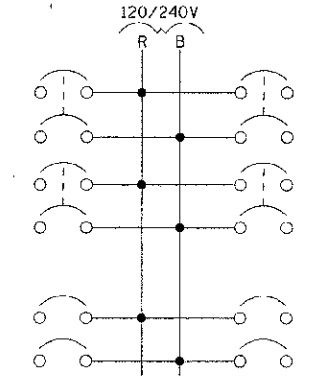


FOR CONTINUATION SEE SHEET NO. 14

LEGEND

- 2" UD, W/7*6 & 1*6 GND
- 2" UNIT DUCT 7*6 & 1*6 GROUND (UNLESS NOTED OTHERWISE)
- 3" C, W/2" UD
- 3" CONDUIT, PUSHED LENGTH AS SHOWN WITH 2" UNIT DUCT OR AS NOTED
- A- EXISTING AERIAL UTILITY
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- PROPOSED ORNAMENTAL STREET LIGHT UNIT, COMPLETE, HPS, 150 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE ACORN FIXTURE, HPS, 35 WATT, 120 VOLT, TYPE III, 15.5' M.H.
- EXISTING STREET LIGHT, 400W, MERCURY VAPOR, 30' M.H.
- PROPOSED LIGHTING CONTROLLER
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- EXISTING LIGHTING CONTROLLER
- SB SETBACK FROM BACK OF CURB
- DUPLEX RECEPTACLE, 120V, 20A

CKT.	AMPS	
	R	B
A	18	18
C	16.2	16.2
E	12.8	12.8
G	12.8	12.8
SUB	47.0	47.0



(R) (B)
TOTAL 94.0/97.0
LIGHTING CONTROLLER - LOADING

AMPS	CKT.
19.9	B
16.2	D
12.0	F
12.8	H
48.1	SUB

WEST CIRCUITS 2" UD W/5*6, 3*4, & #4 GND
EAST CIRCUITS 2" UD W/7*6, & #6 GND

DRAWN BY: BAXTER & WOODMAN, INC.
 CHECKED BY: MWH
 DATE: 5-14-12
 PROJECT: VILLAGE OF SKOKIE, ILLINOIS
 SHEET NO.: 1332



DESIGNED - MWH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - GSW	REVISED -
DATE - 5-14-12	FILE - 100751-SL-strlighting.dwg

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

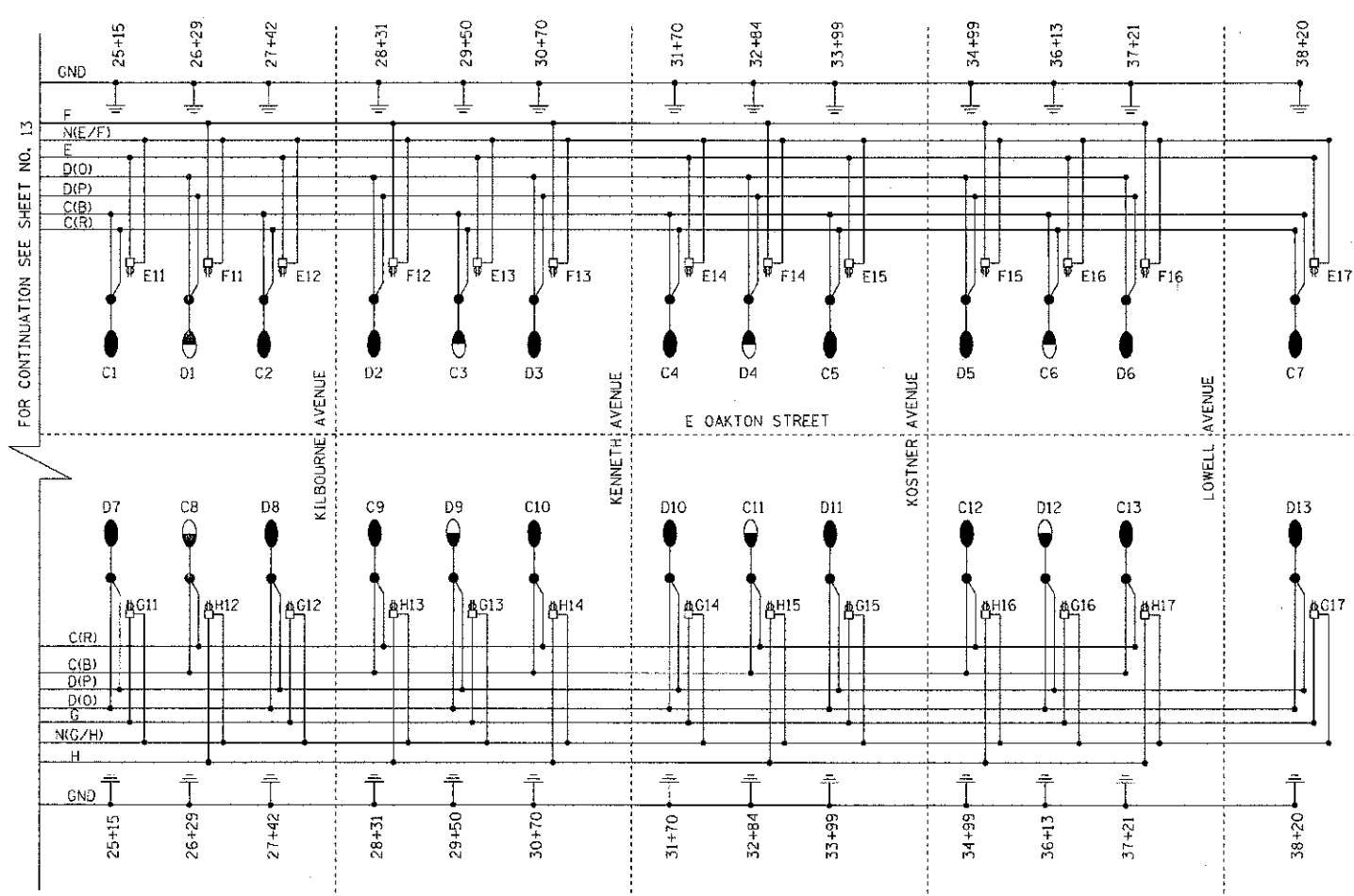
STREET LIGHTING - SINGLE LINE DIAGRAM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-LS	COOK	29	13
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1 (ILLINOIS)		FED. AID PROJECT 7E-GC01(899)		



LEGEND

- 2" UD, W/7*6 & 1*6 GND □ EXISTING COM ED POWER POLE
- 3" C, W/2" UD □ SERVICE PEDESTAL
- UD — 2" UNIT DUCT 7*6 & 1*6 GROUND (UNLESS NOTED OTHERWISE)
- PC — 3" CONDUIT, PUSHED LENGTH AS SHOWN WITH 2" UNIT DUCT OR AS NOTED
- A — EXISTING AERIAL UTILITY
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- PROPOSED ORNAMENTAL STREET LIGHT UNIT, COMPLETE, HPS, 150 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE ACORN FIXTURE, HPS, 35 WATT, 120 VOLT, TYPE III, 15.5' M.H.
- EXISTING STREET LIGHT, 400W, MERCURY VAPOR, 30' MH
- PROPOSED LIGHTING CONTROLLER
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- EXISTING LIGHTING CONTROLLER
- SB SETBACK FROM BACK OF CURB
- ⌚ DUPLEX RECEPTACLE, 120V, 20A



FOR CONTINUATION SEE SHEET NO. 13

CONSULT: CHIEF ENGINEER: BAXTER & WOODMAN, INC. 1100 PINE STREET, SUITE 100, CHICAGO, IL 60607
 DESIGNER: MWH 1100 PINE STREET, SUITE 100, CHICAGO, IL 60607
 DRAWN: MAC 1100 PINE STREET, SUITE 100, CHICAGO, IL 60607
 CHECKED: OSW 1100 PINE STREET, SUITE 100, CHICAGO, IL 60607
 DATE: 5-14-12
 FILE: 100791-SL-single_line.sht



DESIGNED - MWH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - OSW	REVISED -
DATE - 5-14-12	FILE - 100791-SL-single_line.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

STREET LIGHTING - SINGLE LINE DIAGRAM
 SCALE: _____ STA. _____ TO STA. _____

F.A.U. RTE. 1332	SECTION 11-Q0286-CO-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 14
C-91-145-17			CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 (ILLINOIS)			FED. AID PROJECT TE-0001889	

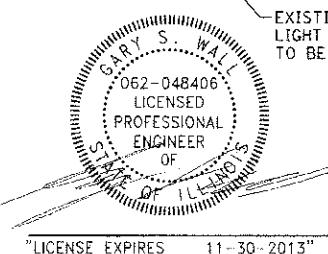
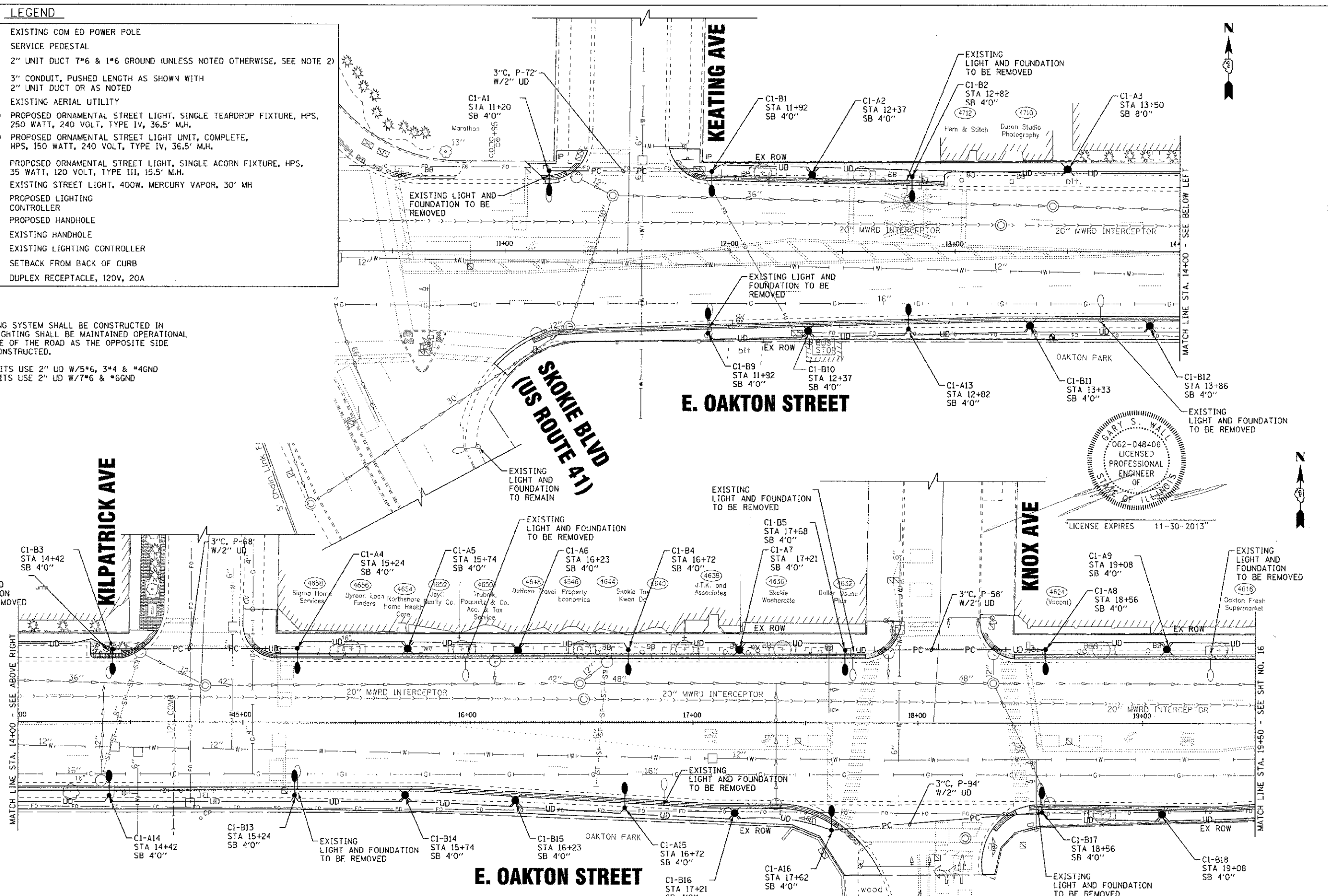
LEGEND

- 2" UD, W/7*6 & 1*6 GND EXISTING COM ED POWER POLE
- 3" C, W/2" UD SERVICE PEDESTAL
- 3" C, W/2" UD 2" UNIT DUCT 7*6 & 1*6 GROUND (UNLESS NOTED OTHERWISE, SEE NOTE 2)
- A- EXISTING AERIAL UTILITY
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- PROPOSED ORNAMENTAL STREET LIGHT UNIT, COMPLETE, HPS, 150 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE ACORN FIXTURE, HPS, 35 WATT, 120 VOLT, TYPE III, 15.5' M.H.
- EXISTING STREET LIGHT, 400W, MERCURY VAPOR, 30' MH
- PROPOSED LIGHTING CONTROLLER
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- EXISTING LIGHTING CONTROLLER
- SB SETBACK FROM BACK OF CURB
- DUPLEX RECEPTACLE, 120V, 20A

NOTES:

- 1) THE LIGHTING SYSTEM SHALL BE CONSTRUCTED IN PHASES. LIGHTING SHALL BE MAINTAINED OPERATIONAL ON ONE SIDE OF THE ROAD AS THE OPPOSITE SIDE IS BEING CONSTRUCTED.
- 2) WEST CIRCUITS USE 2" UD W/5*6, 3*4 & *4GND
EAST CIRCUITS USE 2" UD W/7*6 & *6GND

DRAWN BY: BAKER & WYDMAN, INC. 11/10/12
 CHECKED BY: GSW 5-14-12
 DATE: 5-14-12
 FILE: 100751-SL-1.sht

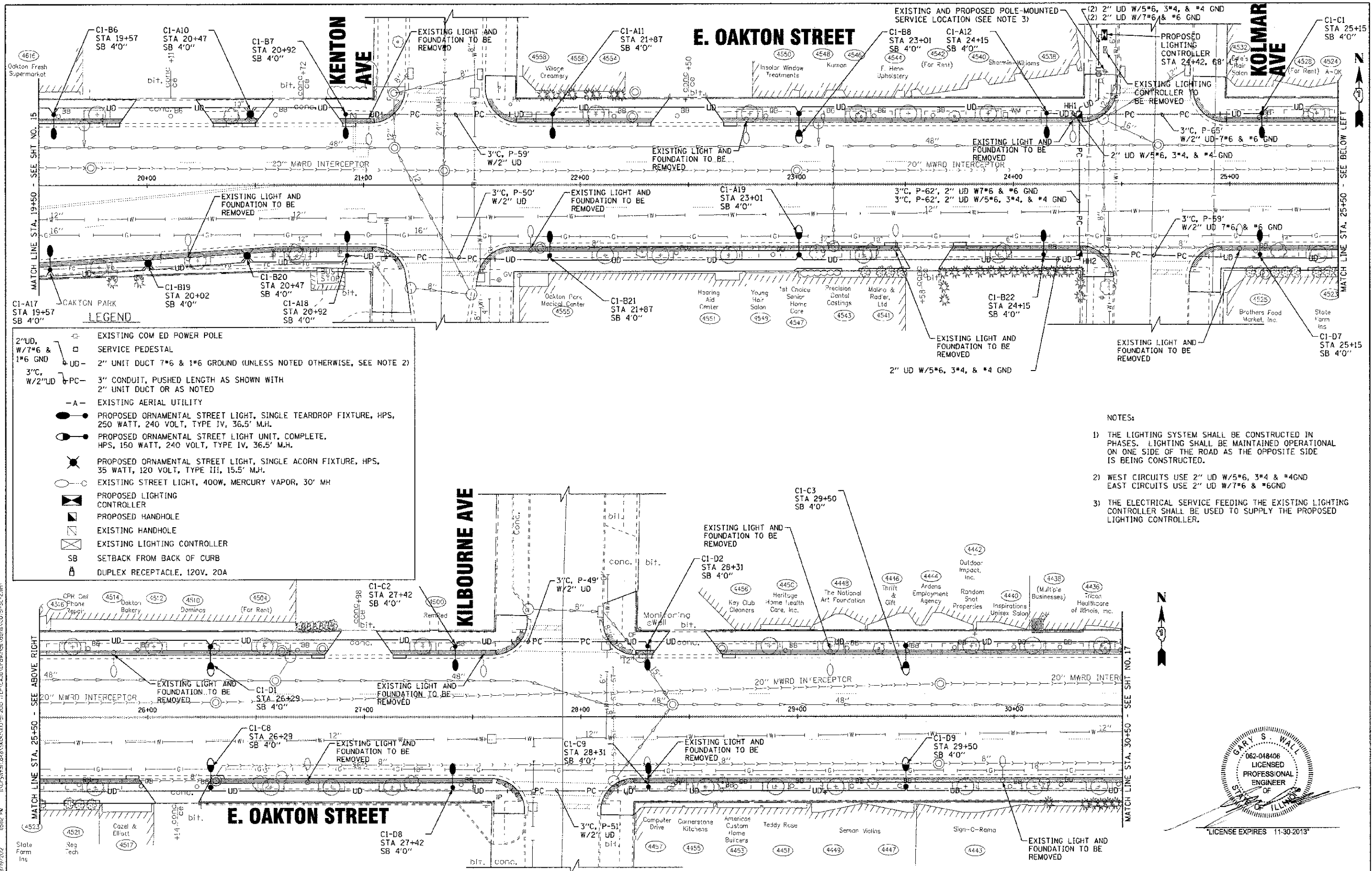


DESIGNED - MWH	REVISED - 8-3-12 PER CCHO
DRAWN - MAC	REVISED - 8-3-12 PER 100
CHECKED - GSW	REVISED -
DATE - 5-14-12	FILE - 100751-SL-1.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

STREET LIGHTING PLAN
F.A.U. ROUTE 1332 E. OAKTON STREET
 SCALE: 1"=20'
 STA. 9+00 TO STA. 19+50

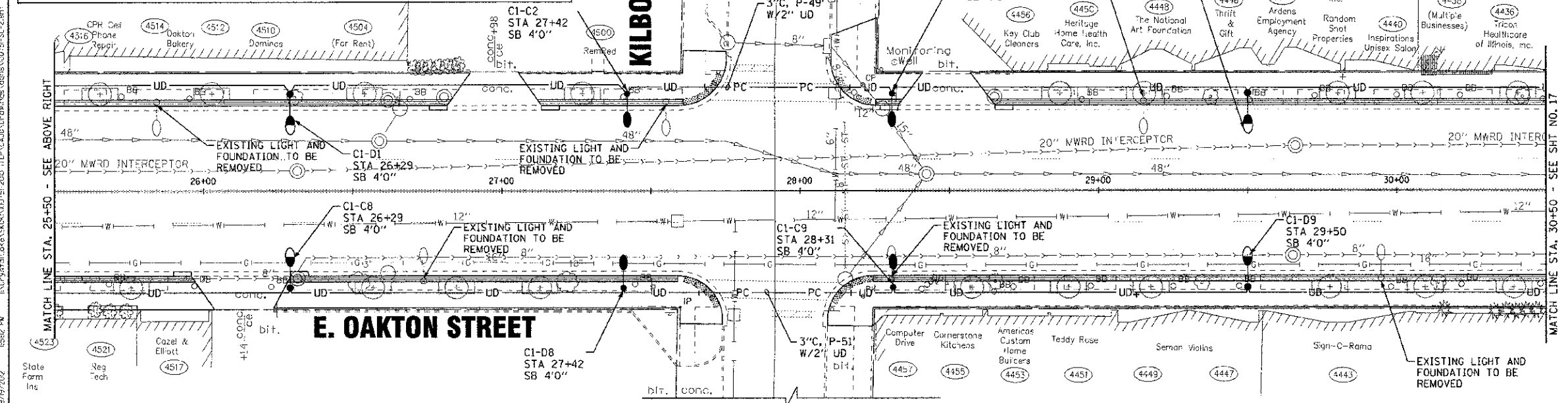
F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29
	C-91-149-12		NO. 15
FED. ROAD DIST. NO. 1 ILLINOIS		CONTRACT NO. 63737	
		FED. AID PROJECT: YE-00018891	



LEGEND

- ⊕ EXISTING COM ED POWER POLE
- SERVICE PEDESTAL
- UD- 2" UNIT DUCT 7*6 & 1*6 GROUND (UNLESS NOTED OTHERWISE, SEE NOTE 2)
- 3"C, W/2"UD PC- 3" CONDUIT, PUSHED LENGTH AS SHOWN WITH 2" UNIT DUCT OR AS NOTED
- A- EXISTING AERIAL UTILITY
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- PROPOSED ORNAMENTAL STREET LIGHT UNIT, COMPLETE, HPS, 150 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
- ⊗ PROPOSED ORNAMENTAL STREET LIGHT, SINGLE ACORN FIXTURE, HPS, 35 WATT, 120 VOLT, TYPE III, 15.5' M.H.
- EXISTING STREET LIGHT, 400W, MERCURY VAPOR, 30' MH
- ⊠ PROPOSED LIGHTING CONTROLLER
- ⊡ PROPOSED HANDHOLE
- ⊞ EXISTING HANDHOLE
- ⊞ EXISTING LIGHTING CONTROLLER
- SB SETBACK FROM BACK OF CURB
- ⊕ DUPLEX RECEPTACLE, 120V, 20A

- NOTES:**
- 1) THE LIGHTING SYSTEM SHALL BE CONSTRUCTED IN PHASES. LIGHTING SHALL BE MAINTAINED OPERATIONAL ON ONE SIDE OF THE ROAD AS THE OPPOSITE SIDE IS BEING CONSTRUCTED.
 - 2) WEST CIRCUITS USE 2" UD W/5*6, 3*4 & #4 GND
EAST CIRCUITS USE 2" UD W/7*6 & #6 GND
 - 3) THE ELECTRICAL SERVICE FEEDING THE EXISTING LIGHTING CONTROLLER SHALL BE USED TO SUPPLY THE PROPOSED LIGHTING CONTROLLER.



DESIGNED - MWH	REVISED - 8-3-12 PER CCHD
DRAWN - MAC	REVISED - 8-3-12 PER DOT
CHECKED - GSW	REVISED - 9-19-12 PER CCHD
DATE - 5-14-12	FILE - 100751-SL-2.sh+

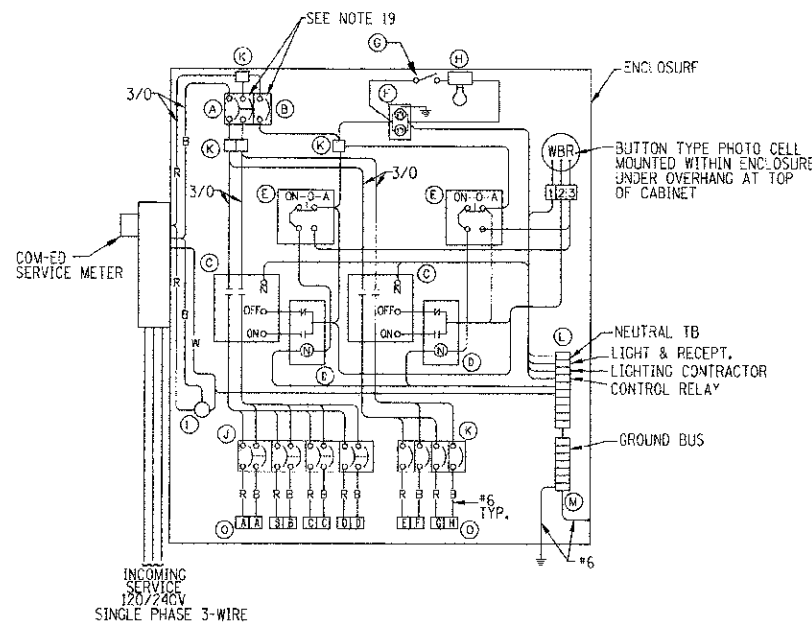
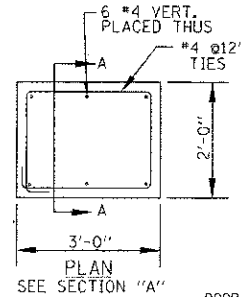
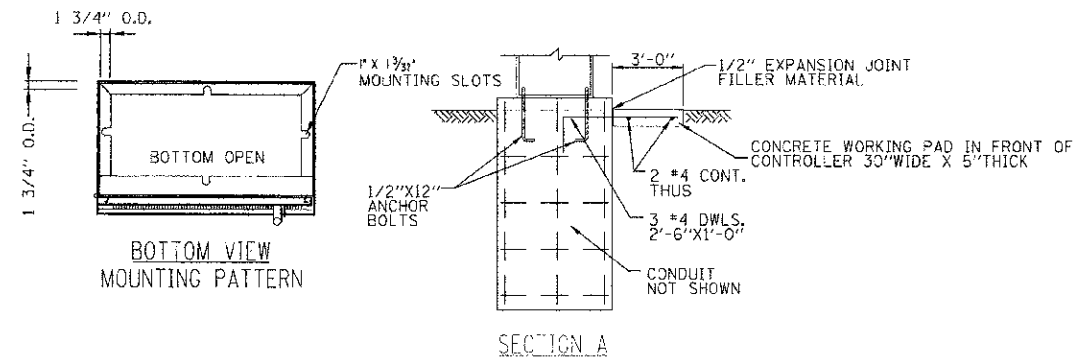
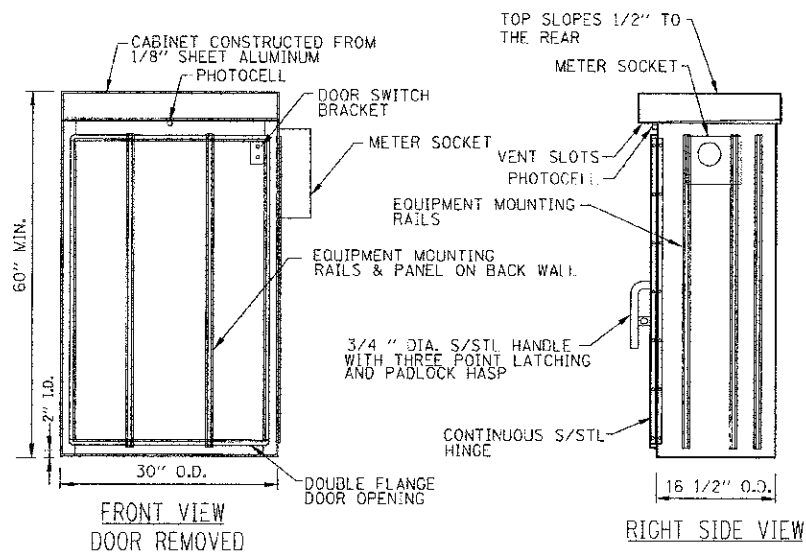
VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

STREET LIGHTING PLAN
U.S. ROUTE 41 (SKOKIE BOULEVARD)

SCALE: 1"=20'
 STA. 19+50 TO STA. 30+50

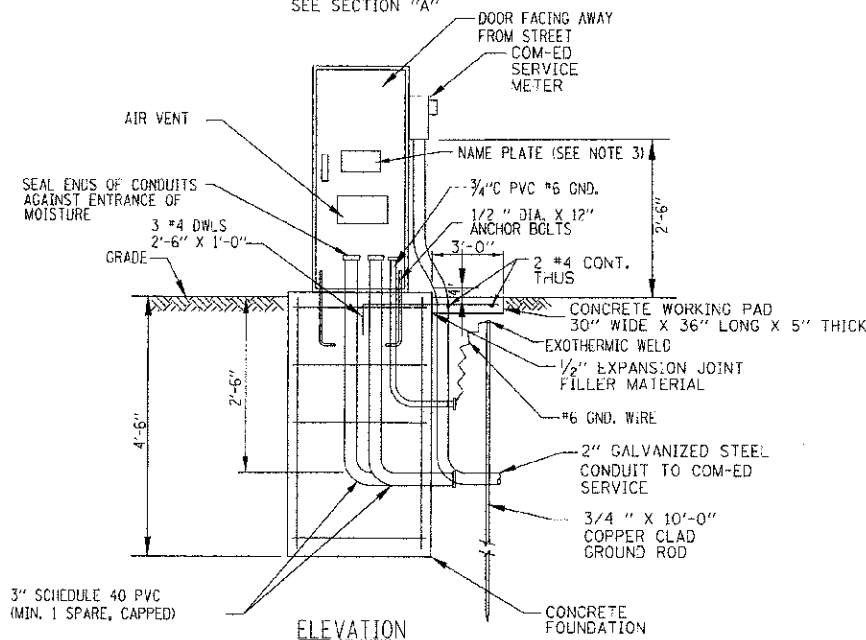
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-15	COOK	29	16
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1 (ILLINOIS)		FED. AID PROJECT TE-00018891		

GARY S. WALL
 LICENSE NO. 062-048406
 STATE OF ILLINOIS
 LICENSE EXPIRES 11-30-2013



LIGHTING CONTROLLER WIRING DIAGRAM

NO SCALE



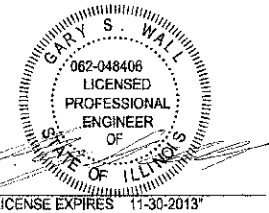
LIGHTING CONTROLLER AND FOUNDATION DETAIL

NO SCALE

ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 200A, BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 22,000 RMS SYMMETRICAL AMPERES AT 240 V.
B	1	CONTROL CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, SINGLE-POLE, 120 V. SINGLE PHASE 20 A. BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 14,000 RMS SYMMETRICAL AMPERES AT 120 V.
C	2	LIGHTING CONTACTOR MECHANICALLY HELD, SQUARE "D" IVO10600V 200A, 2-POLE, 600 V. WITH 120 COIL OR EQUAL
D	2	CONTROL RELAY CUTLER HAMMER D3PR2 RATED 12 A. AT 120 VAC OR EQUAL
E	2	ON-OFF-AUTO 3-POSITION SELECTOR SWITCH GE CR104P HEAVY DUTY SWITCH, RATED FOR 10 A. AT 600 VAC.
F	1	GFCI RECEPTACLE, 120 V., 20 A. SPEC. GRADE, NEMA CONFIG. 5-20R
G	1	SPOT LIMIT SWITCH WITH SIDE PUSH ROD PLUNGER SQUARE "D" 8B082 RATED 10 A. AT 120 V. OR EQUAL
H	1	60 WATT, 120 V., LIGHT FIXTURE, VAPOR TIGHT, WITH GLOBE, GUARD AND MOUNTING BOX.
I	1	SECONDARY SURGE ARRESTER SQUARE D SDSA1175, 175 VAC PHASE-TG-GROUND MAXIMUM OR EQUAL
J	4	BRANCH CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 60A, TRIP INTERRUPTING RATING 22,000 RMS SYMMETRICAL AMPERES AT 240 V.
K	4	BRANCH CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, SINGLE-POLE, 120 V. SINGLE PHASE 40 A., BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 14,000 RMS SYMMETRICAL AMPERES AT 120 V.
L	1	COPPER NEUTRAL BUS, 1" X 16" X 1/4"
M	1	COPPER GROUND BUS, 1" X 16" X 1/4"
N	1	PHOTOCELL, BUTTON TYPE
O	12	TERMINAL BLOCK RATED 600 V., 85A

NOTES

- CABINET SHALL BE FABRICATED FROM 0.125-INCH SHEET ALUMINUM, ALLOY 5052 FORMED AND ARC WELDED ASSEMBLY WITH NEMA 3R RATING.
- ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM OR STAINLESS STEEL.
- NAME PLATE SHALL HAVE ENGRAVED 0.75-INCH HIGH LETTERS FILLED IN BLACK; LINE ONE "VILLAGE OF SKOKIE", LINE TWO "STREET LIGHTING"
- CABINET SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- ELECTRIC UTILITY METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET AS SHOWN ON THE PANEL LAYOUT DIAGRAM.
- THE COMPLETED CONTROLLER AND ALL ELECTRICAL COMPONENTS SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508, AND SHOULD BE SERVICE ENTRANCE RATED.
- METAL MOUNTING PANEL SHALL BE #10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75-INCHES I.D. ON 4 SIDES.
- CIRCUIT BREAKERS AND CONTACTOR AND OTHER COMPONENTS SHALL BE MOUNTED ON 0.125-INCH THICK GLASSIC INSULATION BACK PANEL.
- ALL DEVICES SHALL BE FRONT REMOVABLE.
- BUS BAR SHALL HAVE 22 LUG TERMINALS SIZED TO ACCOMMODATE REQUIRED WIRE SIZES. NEUTRAL BUS SHALL BE PAINTED WHITE. GROUND BUS SHALL BE PAINTED GREEN.
- ALL LUGS SHALL BE COPPER SCREWS AND CONNECTORS, SPRING HELD.
- ALL WIRING TERMINATIONS SHALL BE RATED NOT LESS THAN 75 DEGREE CENTIGRADE.
- ALL CONTROL WIRING SHALL BE 600V MACHINE TOOL WIRE TYPE MTW.
- ALL POWER WIRING SHALL BE 600V TYPE RHH/RHW.
- A LAMINATED COPY OF THE CIRCUIT SCHEMATIC DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE CONTROLLER.
- ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- SERVICE EQUIPMENT SHALL BE MARKED TO IDENTIFY IT AS BEING SUITABLE FOR USE AS SERVICE EQUIPMENT.
- INCLUDE SAFETY LABELS ON BREAKER, "WARNING - THIS DISCONNECT DOES NOT REMOVE ALL POWER FROM THIS PANEL".
- BRANCH CIRCUIT BREAKERS 'E' & 'F' AND 'G' & 'H' RESPECTIVELY, SHALL BE INTERLOCKED IN PAIRS WITH HANDLE TIES.



CONTRACT © 2011 BY BAXTER & WIDMAN, INC. ... PROFESSIONAL DESIGN FIRM ... 8/20/2012 ... 100751-SL-details-1.eht



DESIGNED - MWH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - GSW	REVISED -
DATE - 5-14-12	FILE - 100751-SL-details-1.eht

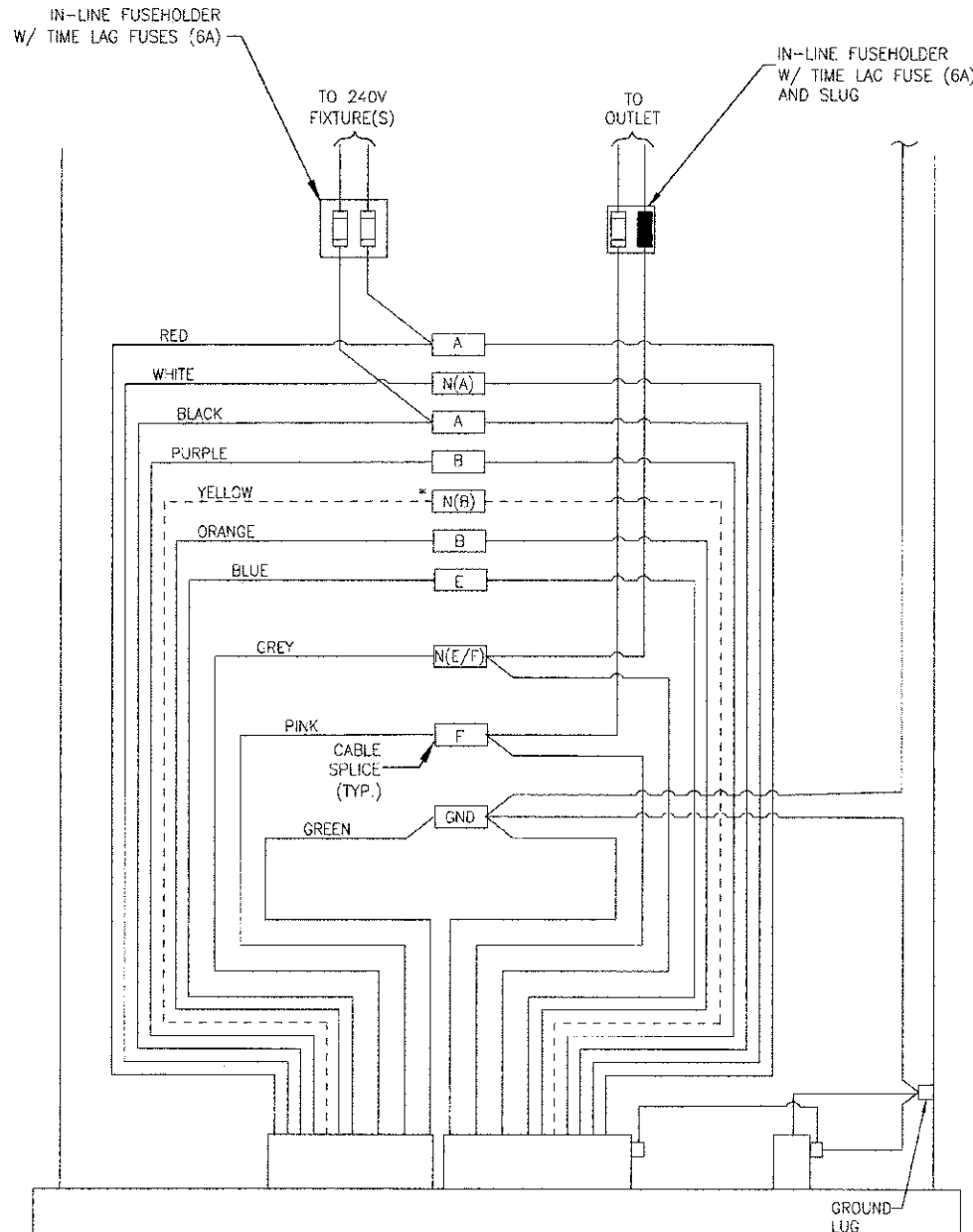
VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

STREET LIGHTING - DETAILS

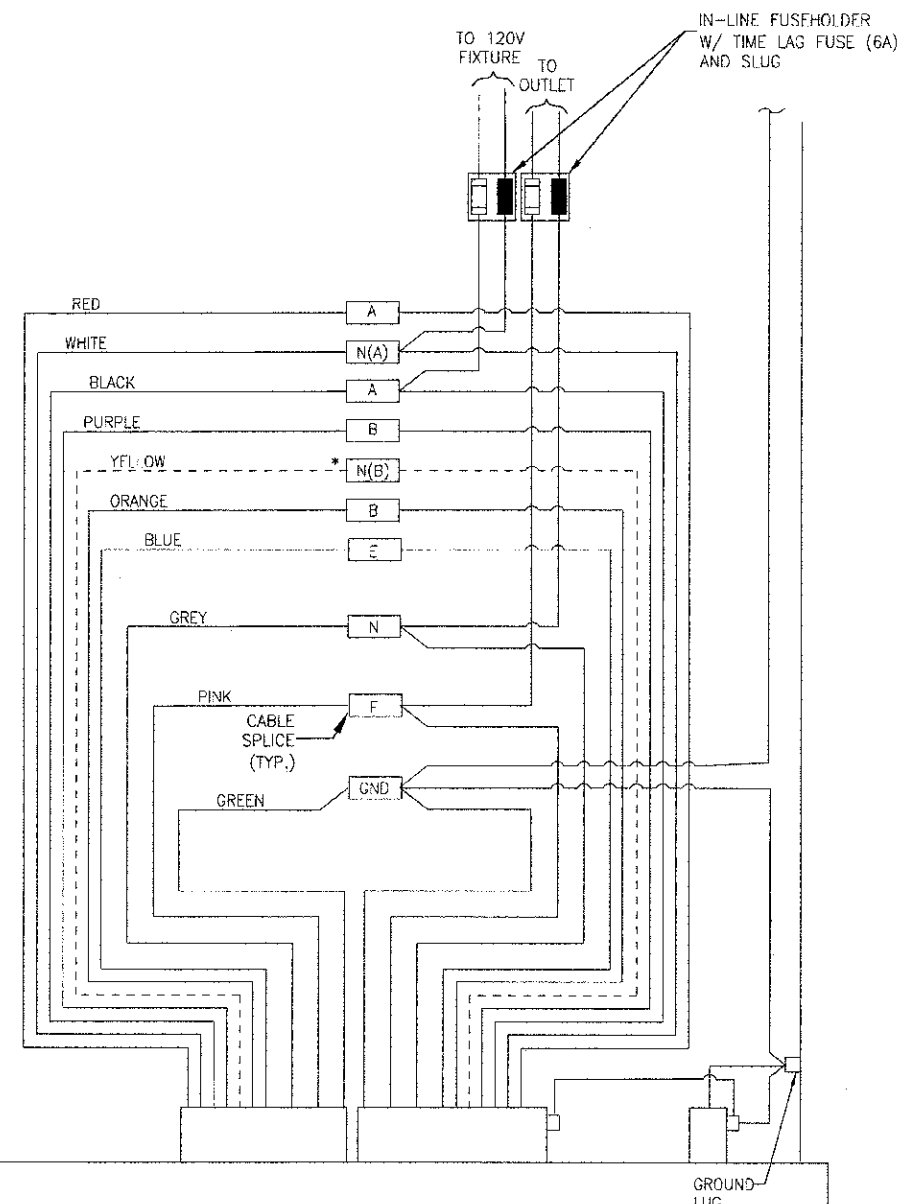
SCALE: NONE

STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-00286-CO-LS	COUNTY COOK	TOTAL SHEETS 29
C 91-149-12		CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT 7E-06019891	

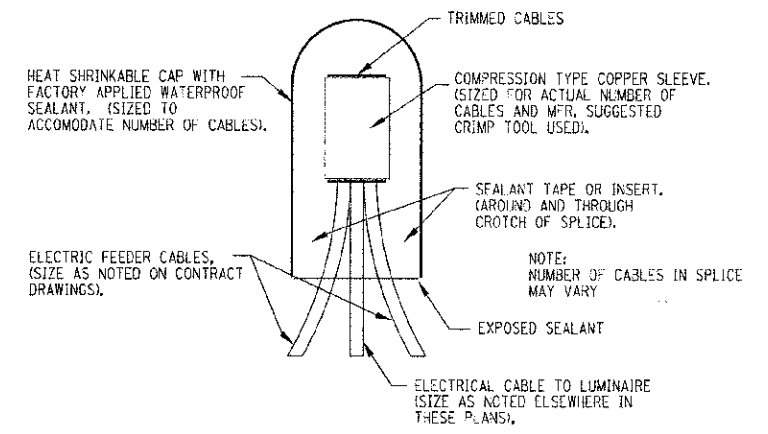


240V POLE BASE WIRING DETAIL
NO SCALE

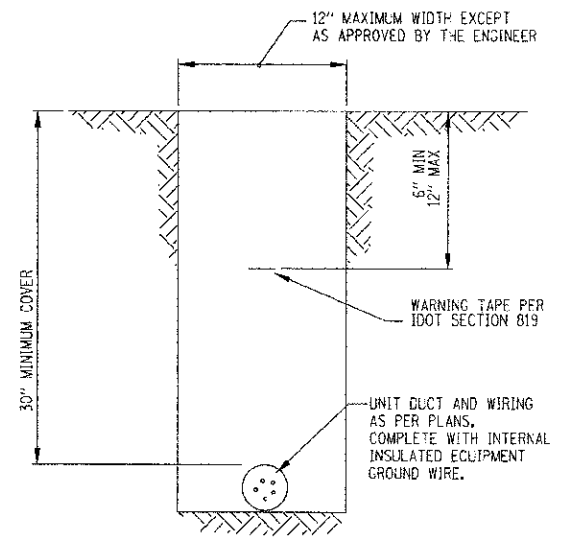


120V POLE BASE WIRING DETAIL
NO SCALE

*NOTE: ALTERNATE PHASE CIRCUITING OF FESTOONS AND LUMINAIRES AS SHOWN ON SINGLE LINE DIAGRAM (SHTS. 13 & 14).



SPLICING ELECTRICAL CABLES
BASIC MATERIALS AND METHODS
NO SCALE



TYPICAL WIRING IN TRENCH DETAIL
NO SCALE

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 ALL RIGHTS RESERVED. PROFESSIONAL DESIGN FIRM
 13075 15th Lane, Skokie, IL 60076-2001
 847.477.1443

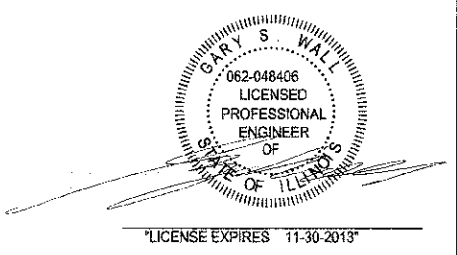


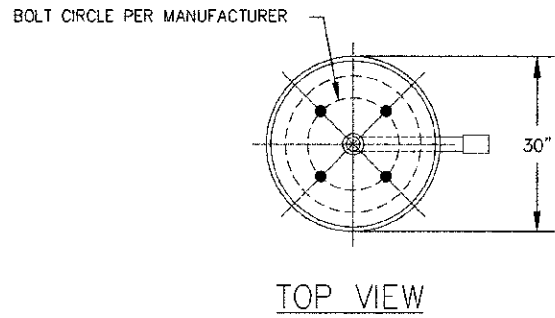
DESIGNED - MWH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - OSW	REVISED -
DATE - 5-14-12	FILE - 100751-SL-details-1.eht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

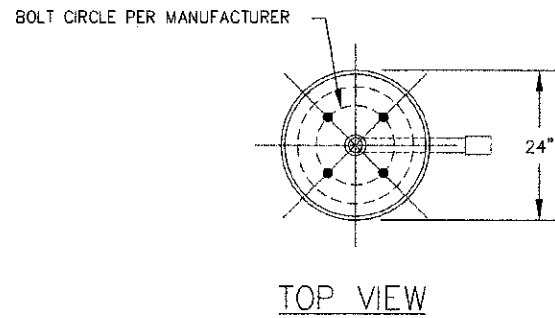
STREET LIGHTING DETAILS
 SCALE: NONE STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS NO. 29
	C-91-149-12		19
FED. ROAD DIST. NO. 3 (ILLINOIS)		FED. AID PROJECT TE-0010891	

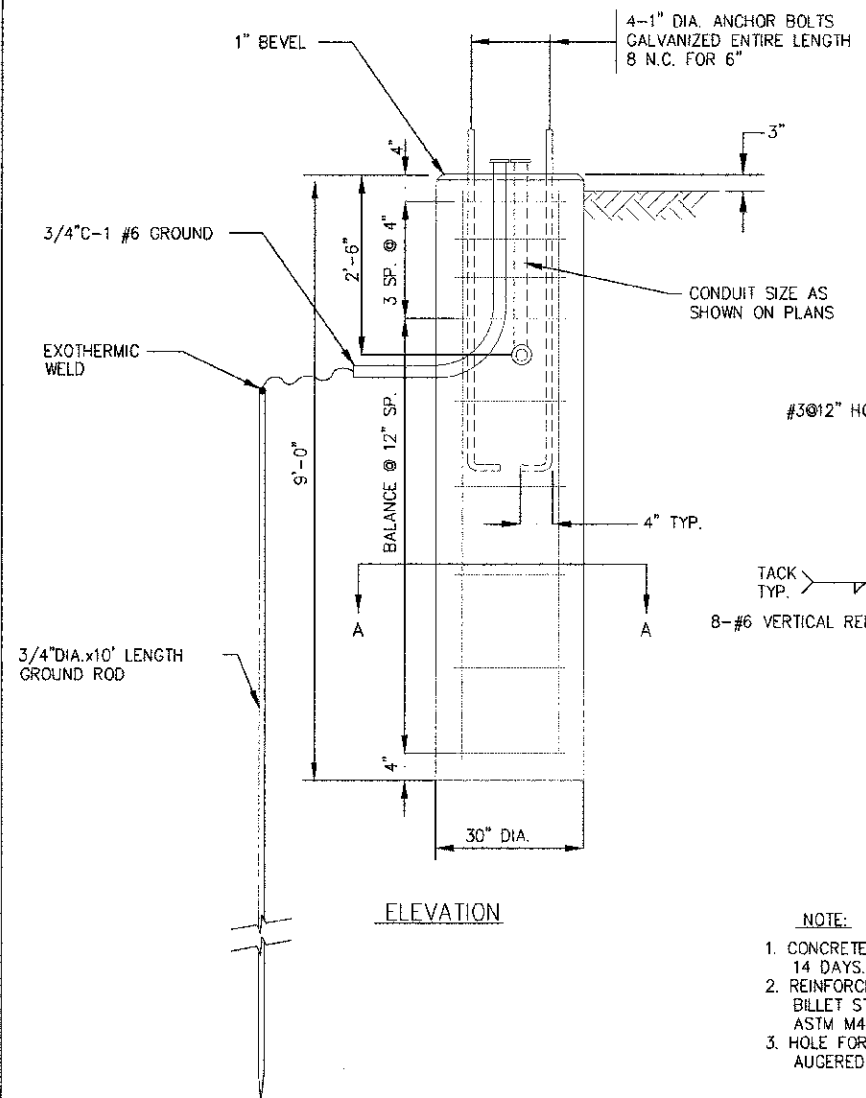




TOP VIEW

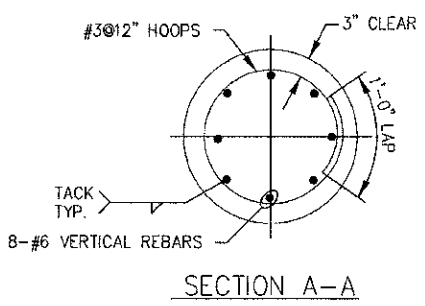


TOP VIEW



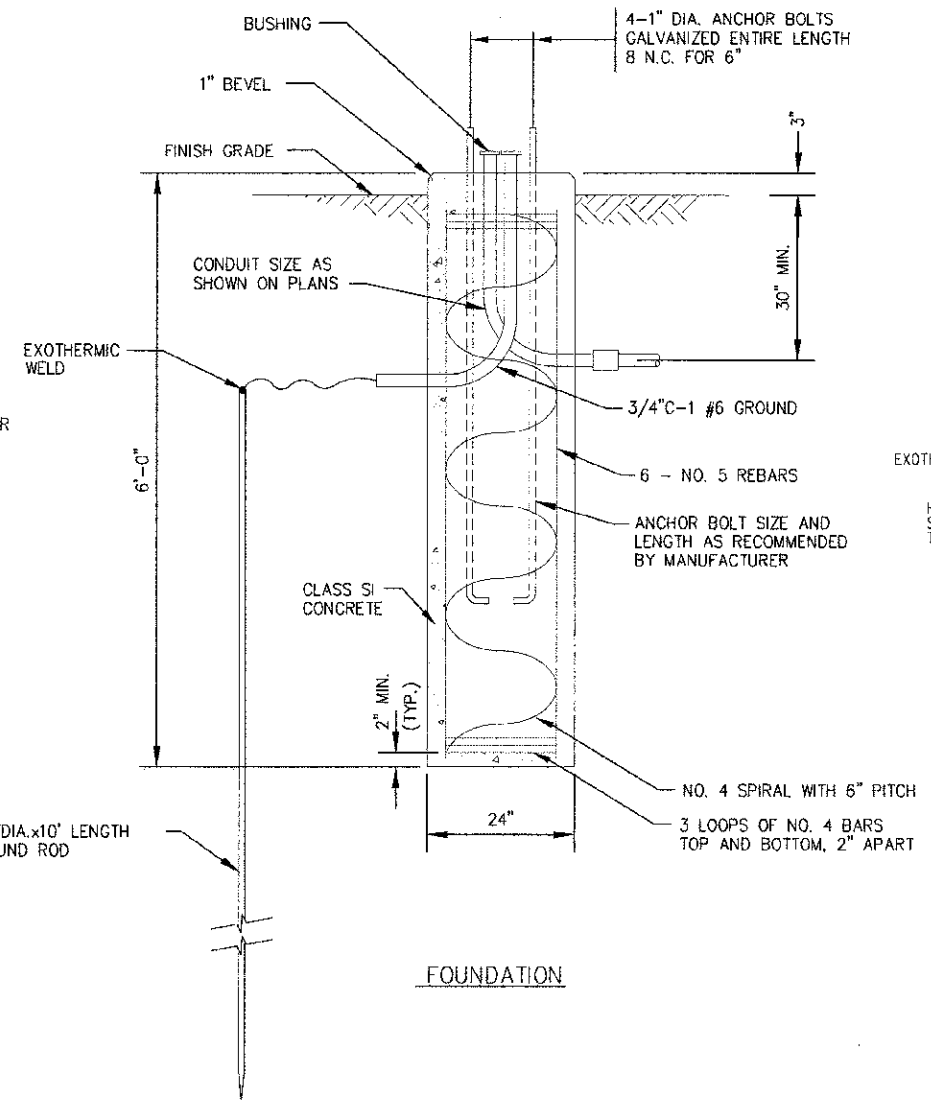
ELEVATION

UNIT, COMPLETE & TEARDROP LIGHT UNIT - FOUNDATION
NO SCALE



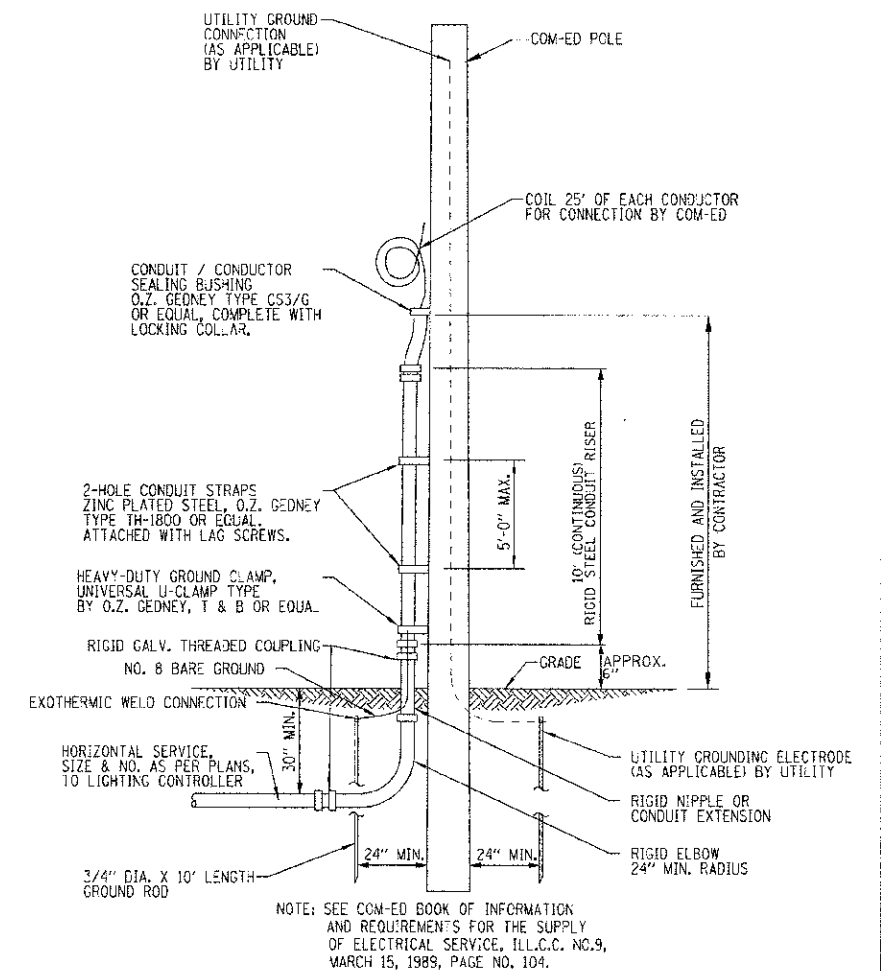
SECTION A-A

- NOTE:
1. CONCRETE SHALL BE 3500 PSI AT 14 DAYS. (CLASS SI)
 2. REINFORCING BARS SHALL BE OF NEW BILLET STEEL AND DEFORMED ASTM M42M (M42)
 3. HOLE FOR THE FOUNDATION SHALL BE AUGERED



FOUNDATION

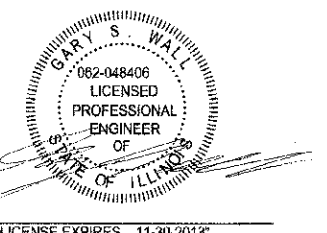
SINGLE ACORN LIGHT UNIT - FOUNDATION
NO SCALE



COM-ED OVERHEAD CONNECTION

NO SCALE

- NOTES:
1. UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC SERVICE INSTALLATION PAY ITEM.
 2. HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED ON PLANS AND SHALL BE MEASURED SEPARATELY FOR PAYMENT.



COPYRIGHT © 2013 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 082-048406 EXPIRES 11/30/2013
 11/17/2012 8:40:20 AM
 FILE: 100751-SL-details-1.sht

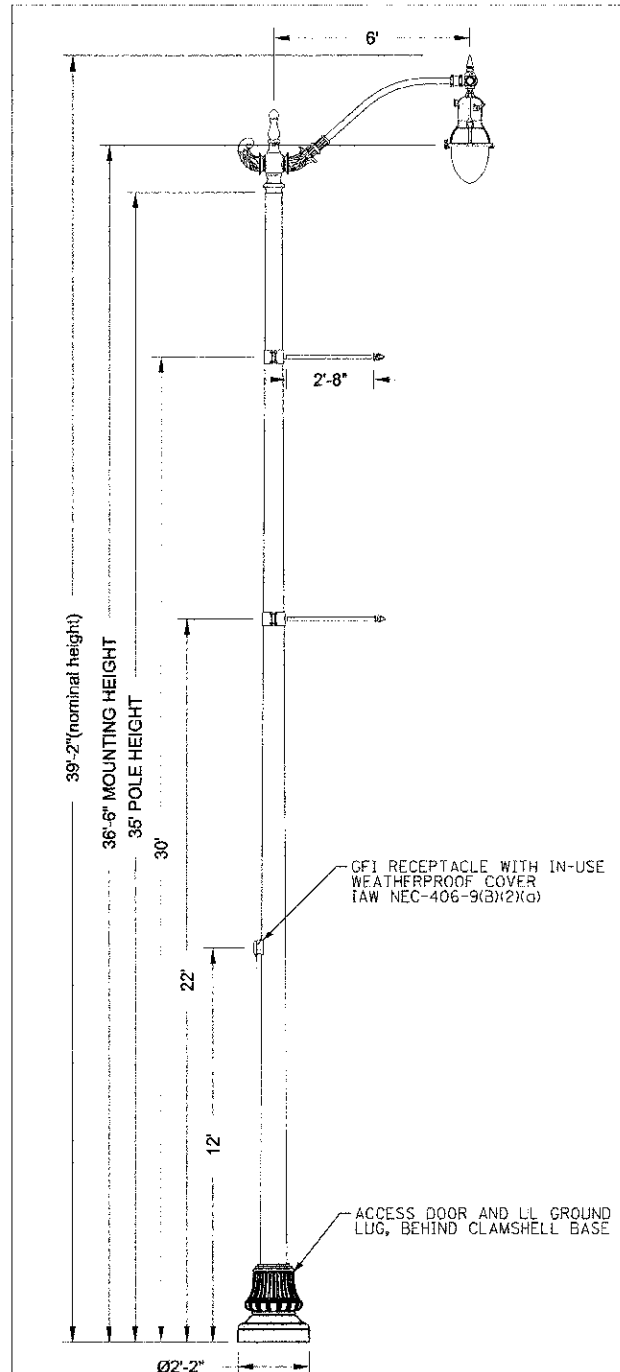


DESIGNED - MWH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - GSW	REVISED -
DATE - 5-14-12	FILE - 100751-SL-details-1.sht

VILLAGE OF SKOKIE, ILLINOIS
 F.A.U. ROUTE 1332 E. OAKTON STREET
 FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
 STREETScape IMPROVEMENTS

STREET LIGHTING DETAILS	
SCALE:	STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-C0286-CO-LS	COUNTY COOK	TOTAL SHEETS 29
C-91-149-12		CONTRACT NO. 63737	SHEET NO. 23
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT TE-C001889	



Specifications

POLE DESCRIPTION
The aluminum post shall be one piece in construction and complete assembly will compose of a Ø26" clamshell base, mounted around the base, and a West Liberty series single roadway arm mounted atop the post. Two 3/2" clamp on banner arms (Ø1.5") and a duplex receptacle with small white in-use weatherproof cover will mount at specified heights and orientations.

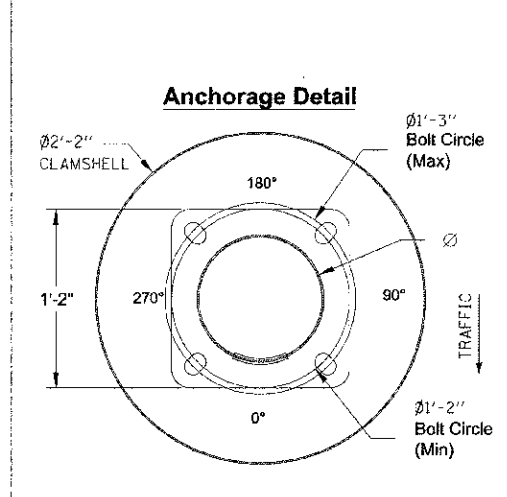
MATERIALS
The post shall be fabricated to meet AASHTO 2009 90 MPH requirements. Welds conform to applicable AWS structural welding code. Pole shaft is one piece, 6063 aluminum alloy, heat treated to a T6 temper. Pole base shall be 356 or A356 aluminum alloy, heat treated to a T6 temper after welding. A 2" x 4" minimum hand hole (covers and fasteners included) will mount 18" above the base of the post and will be concealed by the cast aluminum clamshell base.

DIMENSIONS
The post will be 35'-0" in height with a 14" square base plate. The post shaft shall be .312" thick with a Ø10" shaft base. The base plate will accept Ø1.25" anchor bolts on a Ø14" - Ø15" bolt circle (3.25" bolt projection). The roadway arm will span 72" from shaft center to luminaire center.

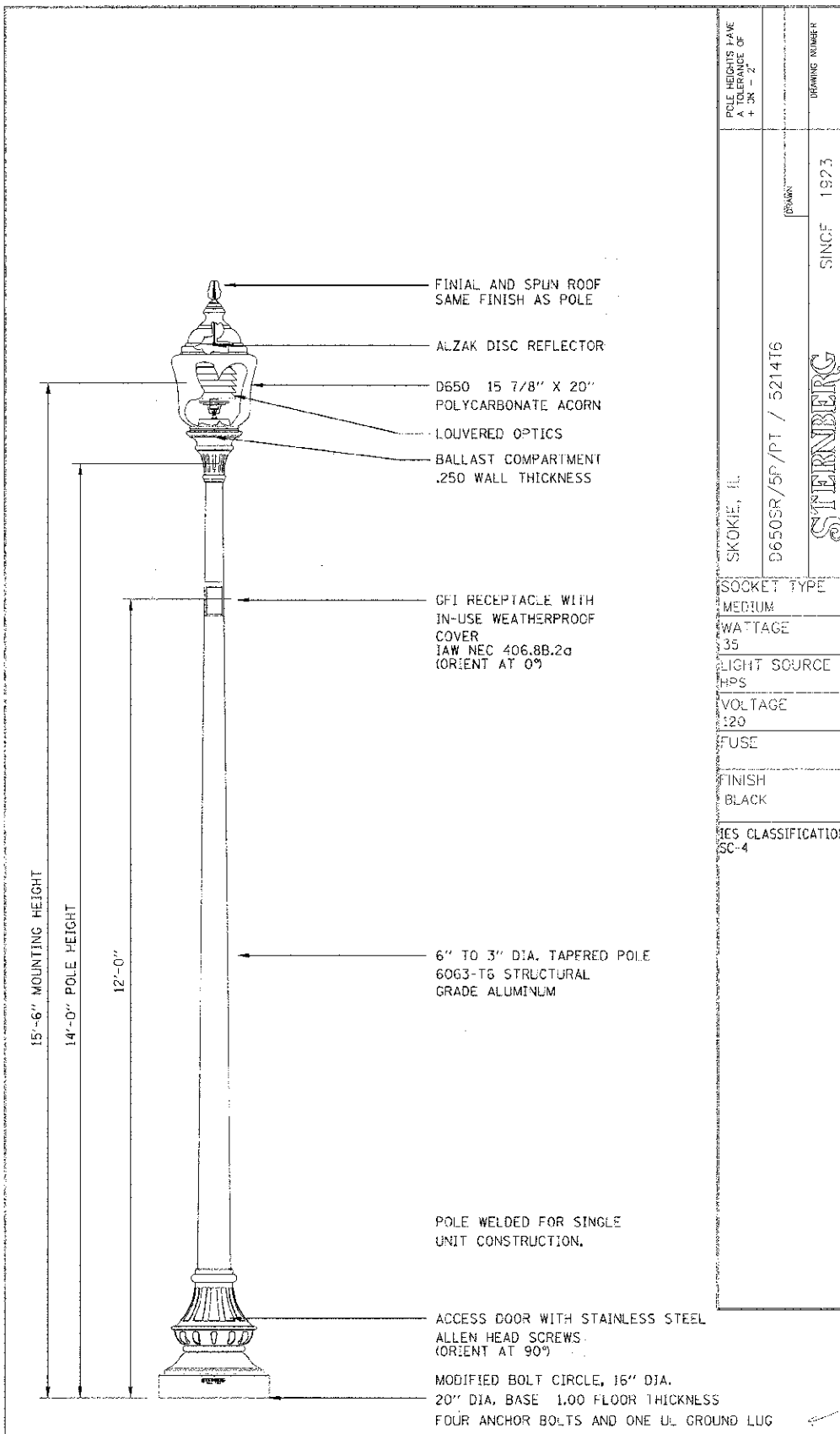
LUMINAIRE DESCRIPTION
- Memphis Utility Series Fixture
- 250 Watt High Pressure Sodium (Mogul), Multivolt (Prewired 240V)
- Teardrop Type IV Glass Optics
- Black Finish
- Protected Starter
For complete specifications see LUM_MPU.

Accessory Mounting Detail

	Orientation	Height
FGIUS-SBKH	270°	12'-0"
Clamp-On		Shaft Ø
BA32A/1.5/CO-CA/BKH		6.5"
BA32A/1.5/CO-CA/BKH		7.5"



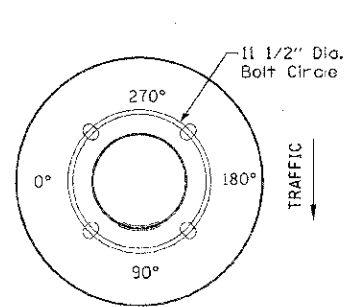
Catalog #'s:
RTA35G1C4BKU787C - WLC72/1CABKH - C26CSBU055A -
(2)BA32A/1.5/CO-CA/BKH - HAP-FGIUS - AB - RFD56051 -
WLLF200SCABK - MPU250HPMCB4PS S-67578



POLE HEIGHTS HAVE A TOLERANCE OF +.25 - .2"	DRAWING NUMBER
SKOKIE, IL	SINCE 1923
9650SR/5P/PT / 5214T6	

SOCKET TYPE	MEDIUM
WATTAGE	35
LIGHT SOURCE	HPS
VOLTAGE	120
FUSE	
FINISH	BLACK
ICES CLASSIFICATION	SC-4

ANCHORAGE DETAIL



Village of Skokie
Skokie, IL
ORDER #: 2061-11-10046-3 TYPE: DRAWING #: TSG 006585
REVISION: REVISION DATE: PAGE: 1 of 1
DRAWN: KRW ORIGIN DATE: 10/12/11

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THIS ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

ORNAMENTAL STREET LIGHTING – SINGLE TEARDROP FIXTURE

NOTE: POLES SHALL BE MANUFACTURED TO MEET LATEST AASHTO REQUIREMENTS WITH ACCESSORIES SHOWN.

ORNAMENTAL STREET LIGHTING – SINGLE ACORN FIXTURE

LICENSE EXPIRES 11-30-2013

CONCEPT © 2011 BY DAKTIN & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 062-048406
 1150 W. WASHINGTON ST., SUITE 200, CHICAGO, IL 60607
 TEL: 773.334.1111 FAX: 773.334.1112



DESIGNED - MWH	REVISED - 8-3-12 PER VILLAGE
DRAWN - MAC	REVISED -
CHECKED - GSW	REVISED -
DATE - 5-14-12	FILE - 100751-SL-det@olis-1.sh

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1332	11-00286-00-LS	COOK	29 21
C-91-149-12		CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT TE-00016891	

STREET LIGHTING DETAILS

SCALE: STA. TO STA.

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.
 DATE: 8/10/2012 9:27:55 AM
 FILE: I:\CADD\Drawings\dwg\00751-5_-det-016-light

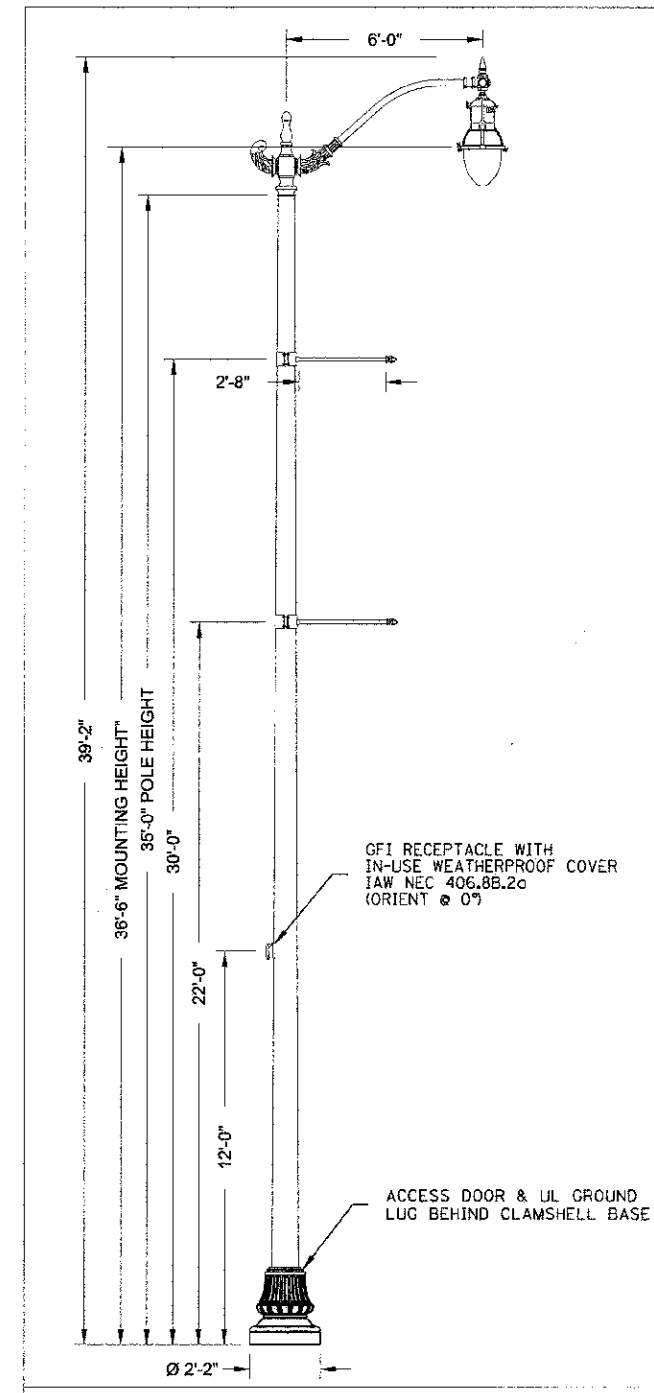


DESIGNED - MWH	REVISED - 8-3-12 PER VILLAGE
DRAWN - MAC	REVISED -
CHECKED - GSW	REVISED -
DATE - 5-14-12	FILE - 100751-5_-details-1.sht

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

STREET LIGHTING DETAILS	
SCALE:	STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 22
FED. ROAD DIST. NO. 1 (ILLINOIS)		CONTRACT NO. 63737		
FED. AID PROJECT		TF-0001889		



Specifications

POLE DESCRIPTION
 The aluminum post shall be one piece in construction and complete assembly will compose of a Ø26" clamshell base, mounted around the base, and a West Liberty series single roadway arm mounted atop the post. Two 3/2" clamp on banner arms and a duplex receptacle with small white in-use weatherproof cover will mount at specified heights and orientations.

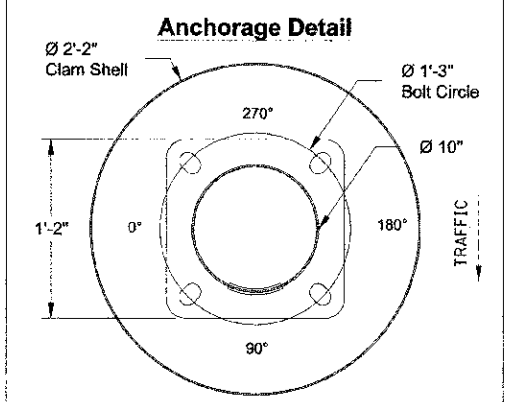
MATERIALS
 Welds conform to applicable AWS structural welding code. Pole shaft is one piece, 6063 aluminum alloy, heat treated to a T6 temper. Pole base shall be 356 or A356 aluminum alloy, heat treated to a T6 temper after welding. A 2" x 4" minimum hand hole (covers and fasteners included) will mount 18" above the base of the post and will be concealed by the cast aluminum clamshell base.

DIMENSIONS
 The post will be 35'-0" in height with a 14" square base plate. The post shaft shall be .312" thick with a Ø10" shaft base. The base plate will accept Ø1.25" anchor bolts on a Ø15" bolt circle (3.25" bolt projection). The roadway arm will span 72" from shaft center to luminaire center.

LUMINAIRE DESCRIPTION
 - Memphis Utility Series Fixture
 - 150 Watt High Pressure Sodium (Mogul), Multivolt (Prewired 240V)
 - Teardrop Type IV Glass Optics (IES Classification SC-3)
 - Black Finish
 - Protected Starter
 For complete specifications see LUM_MPU.

Accessory Mounting Detail

	Orientation	Height
FGIUS-SBKH (HANDHOLE)	90°	12'-0"
Clamp-On		Shaft Ø
BA32A/1/CO-CA/BKH	180°	6.5"
BA32A/1/CO-CA/BKH	180°	7.5"

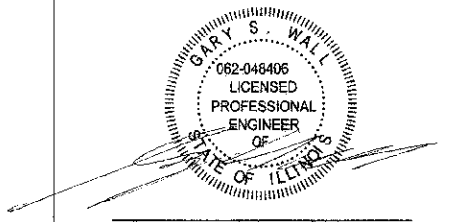


Catalog #'s:
 (AOL-24615)RTA35G1C4-BKH - WLC72/1-CA/BKH -
 C26CSB-CA/BKH - (2)BA32A/1/CO-CA/BKH - HAP-FGIUS-SBKH -
 WLLF/200-SCA/BK - MPU150HPMCB4 PS

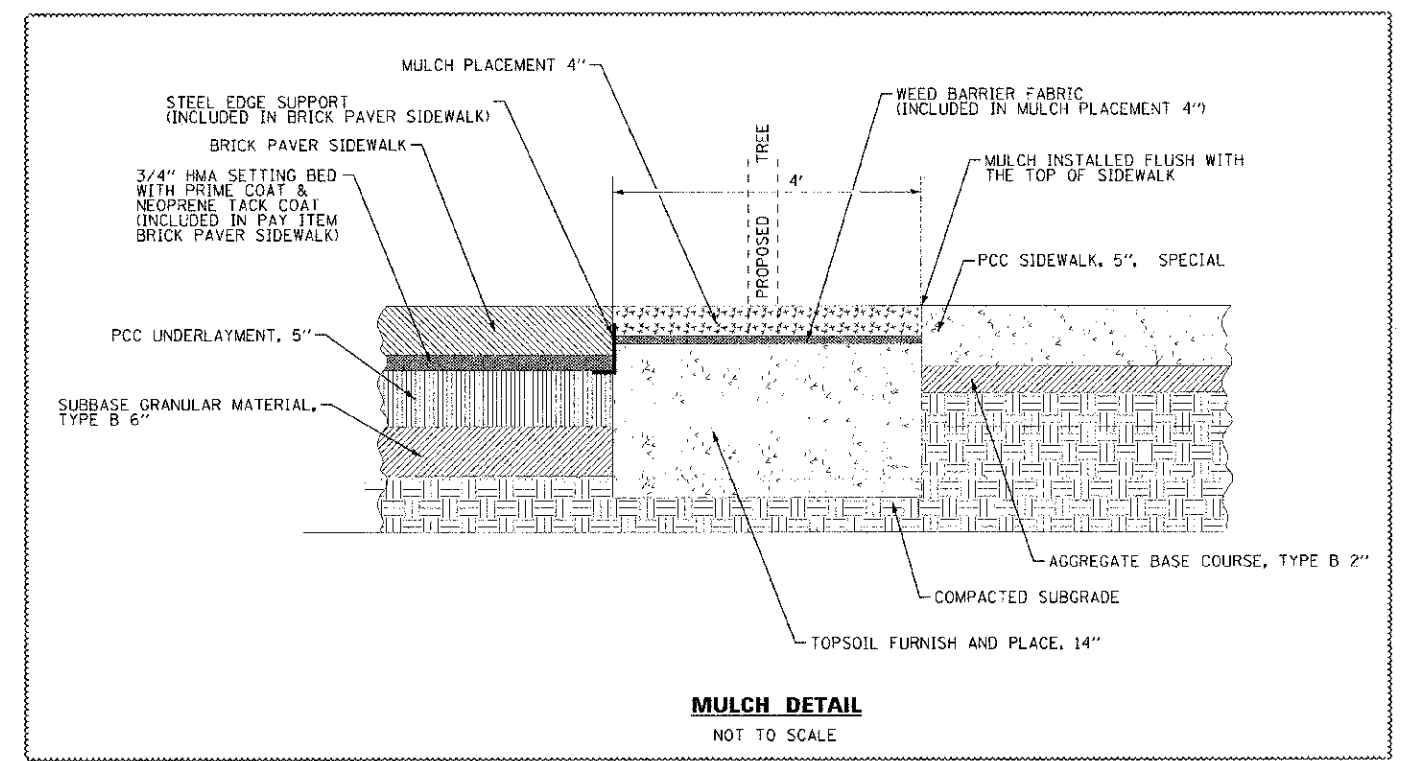
ORNAMENTAL STREET LIGHT UNIT, COMPLETE

NO SCALE

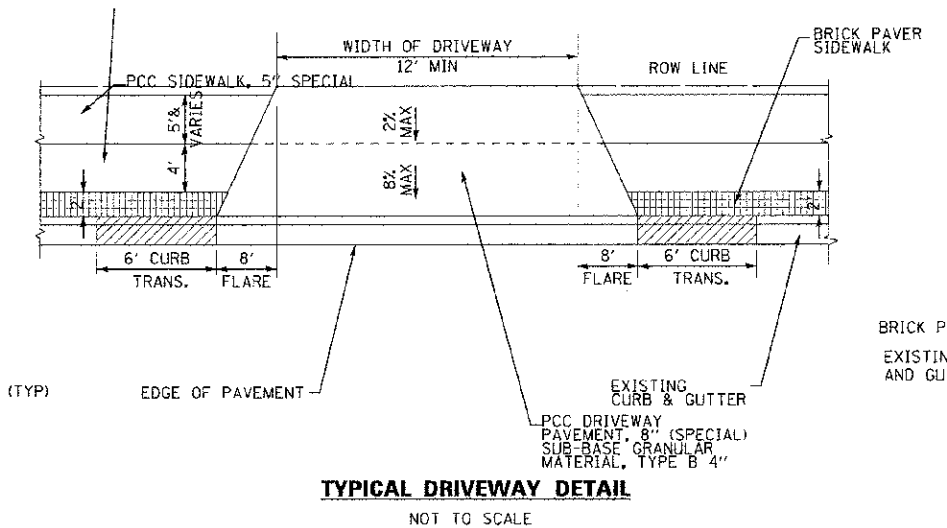
NOTE: POLES SHALL BE MANUFACTURED TO MEET LATEST AASHTO REQUIREMENTS WITH ACCESSORIES SHOWN.



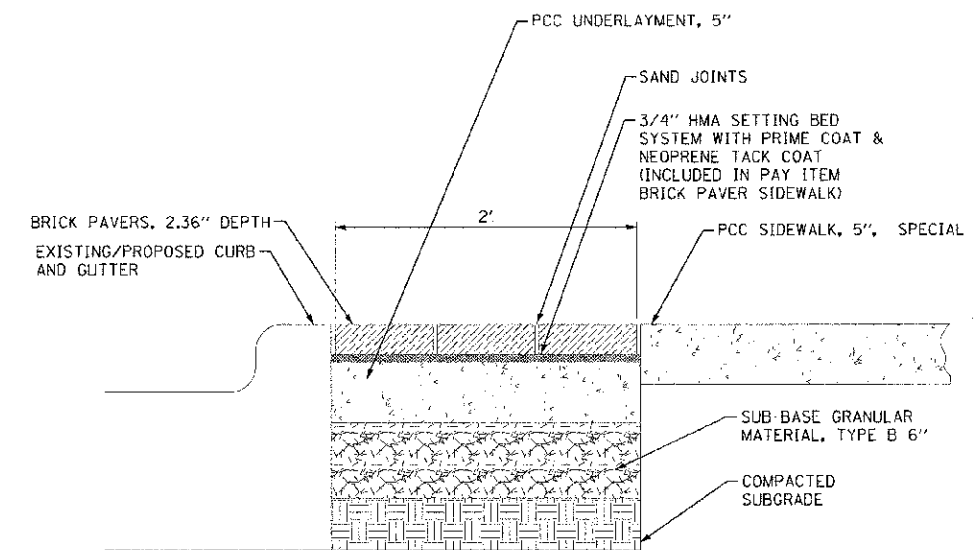
LICENSE EXPIRES 11-30-2013



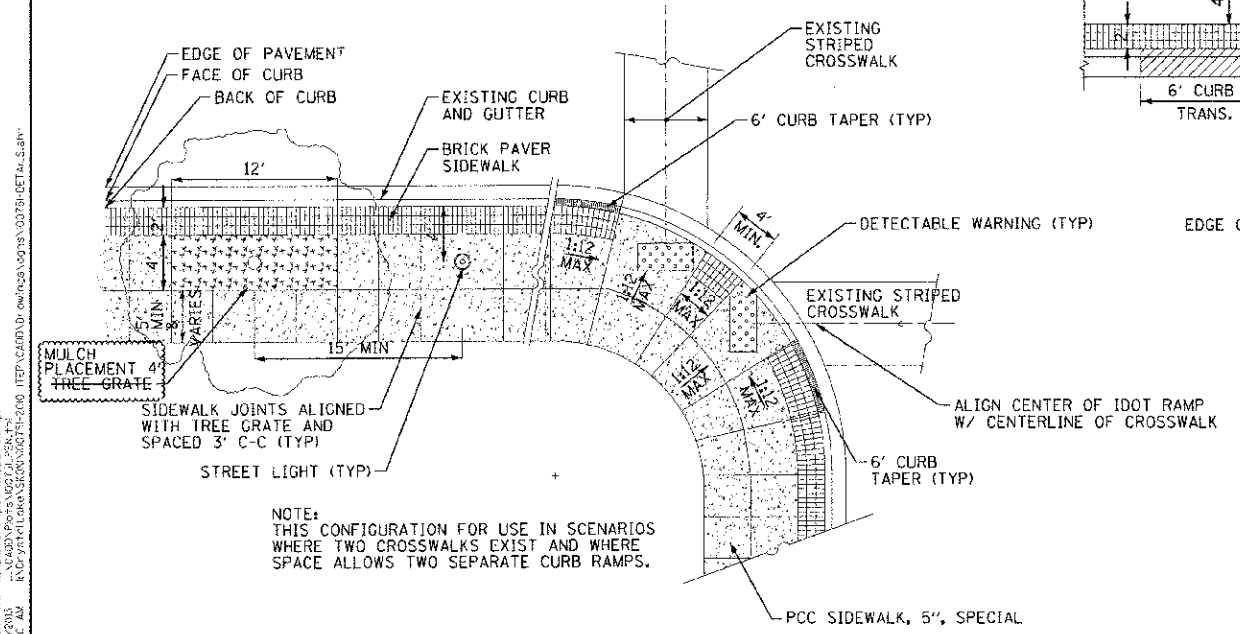
MULCH DETAIL
NOT TO SCALE



TYPICAL DRIVEWAY DETAIL
NOT TO SCALE



BRICK PAVER SIDEWALK - SECTION D-D
NOT TO SCALE



STREETSCAPE TYPICAL PLAN
NOT TO SCALE

NOTE:
THIS CONFIGURATION FOR USE IN SCENARIOS WHERE TWO CROSSWALKS EXIST AND WHERE SPACE ALLOWS TWO SEPARATE CURB RAMPS.

COPYRIGHT © 2012 BY BAXTER & WOODMAN, INC. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF BAXTER & WOODMAN, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF BAXTER & WOODMAN, INC.

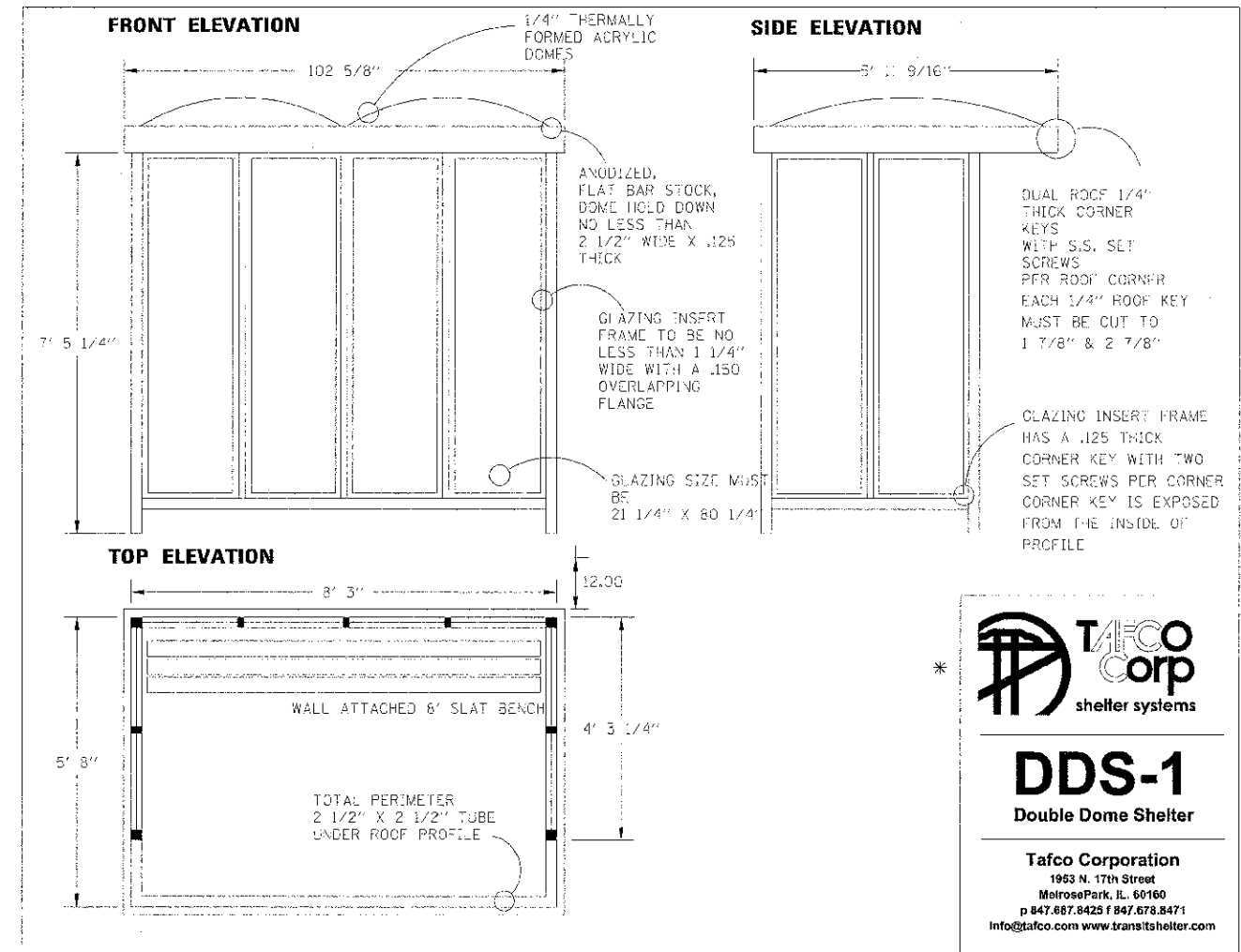


DESIGNED - DSH	REVISED - 8-3-12 PER IDGT
DRAWN - MAC	REVISED - 10-1-12 PER VILLAGE
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-DETAILS.shd

VILLAGE OF SKOKIE, ILLINOIS
F.A.U. ROUTE 1332 E. OAKTON STREET
FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
STREETSCAPE IMPROVEMENTS

DETAILS	
SCALE:	STA. TO STA.

F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 23
C-91-149-12		CONTRACT NO. 63737		FED. ROAD DIST. NO. 1 (ILLINOIS)
		FED. AID PROJECT		76-0631(889)

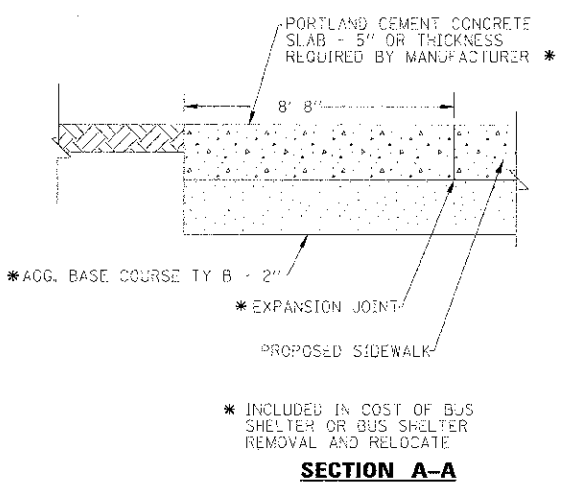
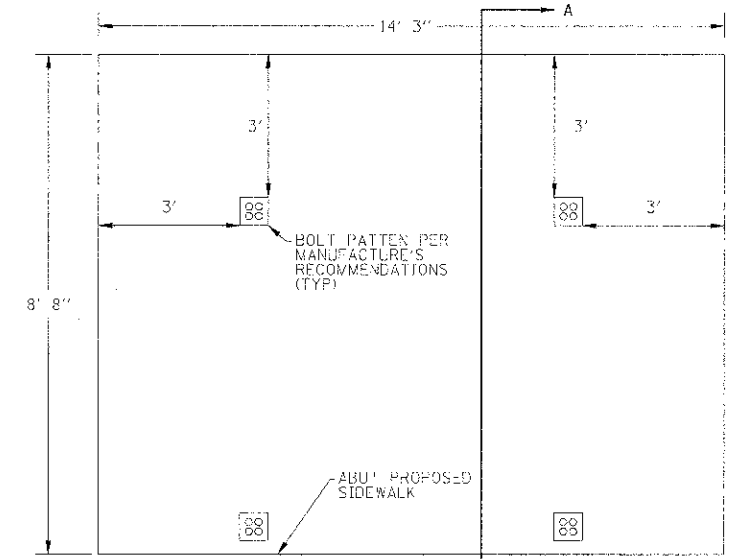


TAFCO Corp
shelter systems

DDS-1
Double Dome Shelter

Tafco Corporation
1953 N. 17th Street
Melrose Park, IL 60160
p 847.687.8425 f 847.678.8471
info@tafco.com www.transitshelter.com

* OR APPROVED EQUAL



NOTE:
DIMENSIONS SHOWN ARE FOR NEW BUS SHELTERS. ADJUST DIMENSIONS FOR EXISTING BUS SHELTERS.

BUS SHELTER SLAB DETAILS

NOT TO SCALE

DETAILS

SCALE: STA. TO STA.

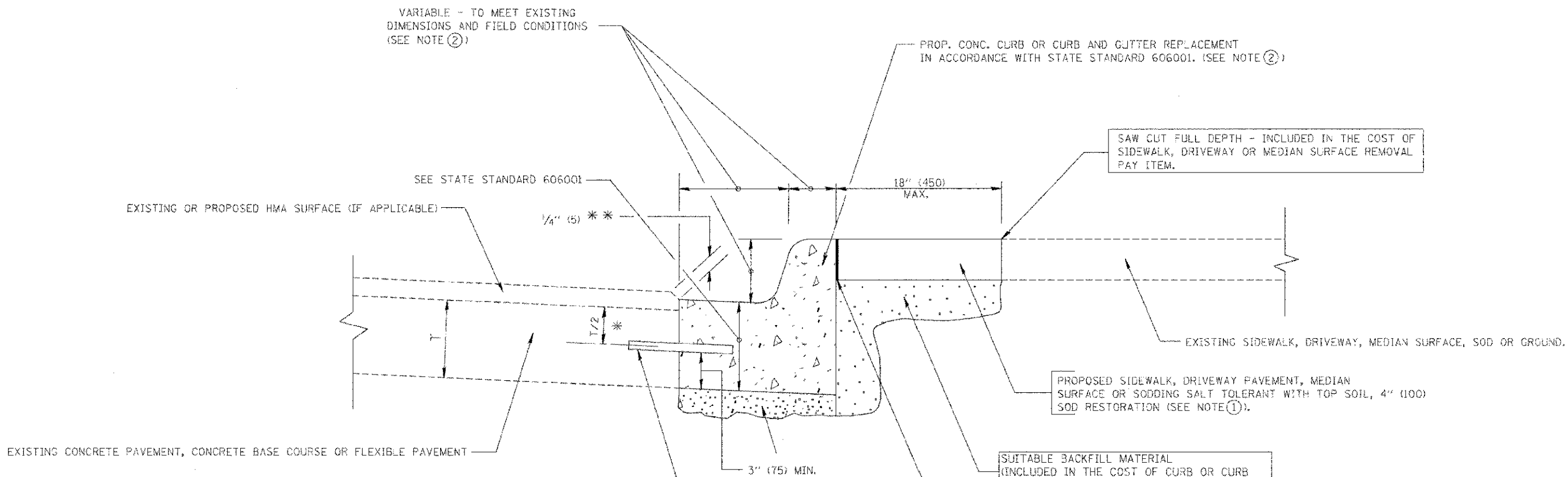
F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 24
C-91-149-12		CONTRACT NO. 63737		
FED. ROAD DIST. NO. 1 (ILLINOIS)		FED. AID PROJECT TE-00018891		

COPYRIGHT © 2011 BY BATES & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL ENGINEERING
 LICENSE NO. 181-0027203
 100751-0E1A1LS.sht



DESIGNED - DSH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-0E1A1LS.sht

VILLAGE OF SKOKIE, ILLINOIS
 F.A.U. ROUTE 1332 E. OAKTON STREET
 FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
 STREETScape IMPROVEMENTS



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

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

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING CUTTER 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.

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.)

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

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

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

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

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "COMBINATION CURB AND GUTTER REMOVAL" AND "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 043-0000000-0000
 1500 W. FULLERTON AVENUE, SUITE 200
 BLOOMINGTON, IL 61710-2144



DESIGNED - DSH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-DISTRICT ONE DETAILS - BD.sht

VILLAGE OF SKOKIE, ILLINOIS
 F.A.U. ROUTE 1332 E. OAKTON STREET
 FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
 STREETScape IMPROVEMENTS

SCALE:	STA.	TO STA.
--------	------	---------

**CURB OR CURB AND GUTTER
 REMOVAL AND REPLACEMENT**

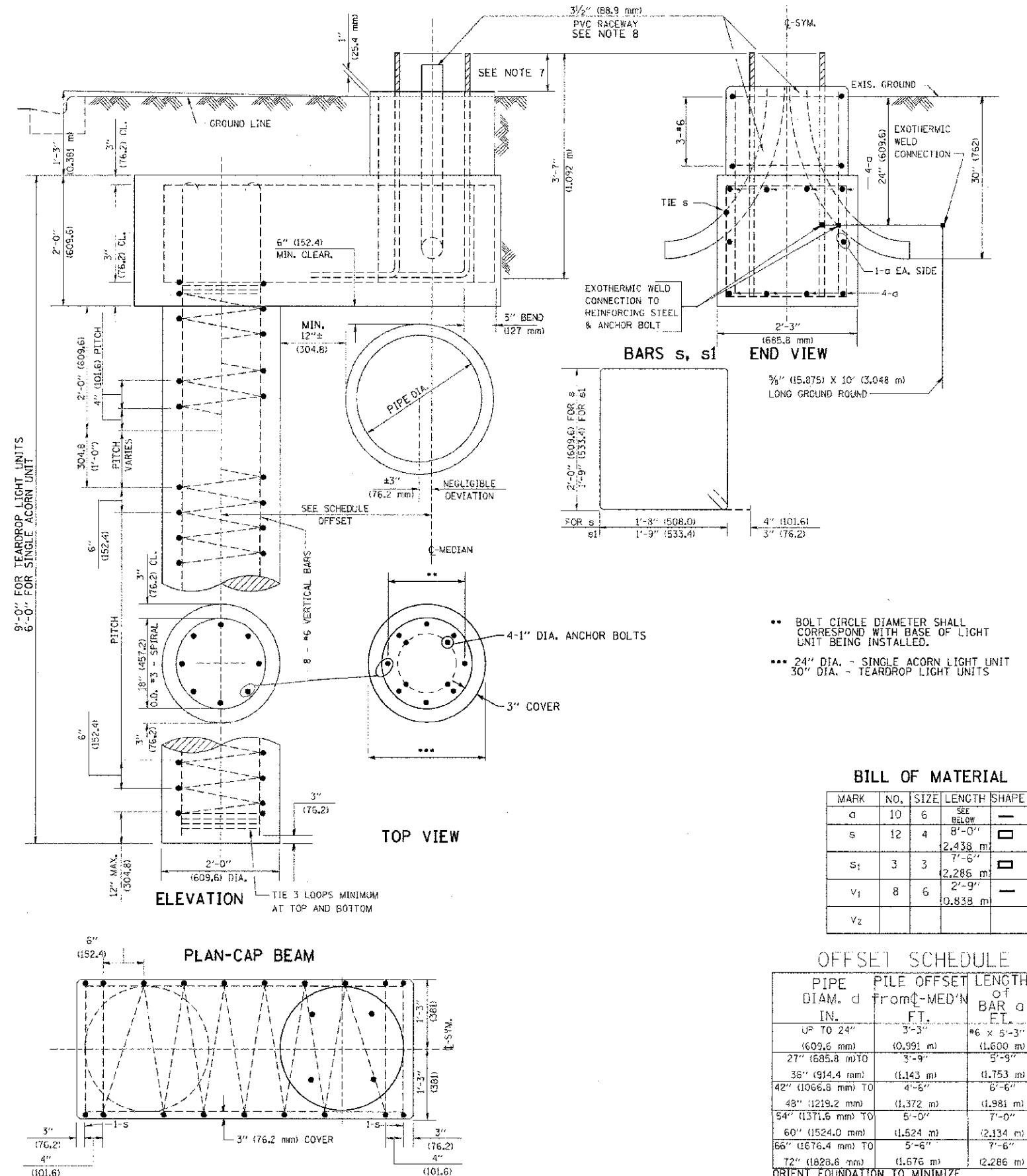
F.A.U. RTE. 1332	SECTION 11-00286-00-LS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 25
C-91-149-12		CONTRACT NO. 63737		FED. AID PROJECT TE-00D18891

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	*3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	*3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	*3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	*3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	*3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	*3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	*3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	*3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	*3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	*3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	*3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	*3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.



- BOLT CIRCLE DIAMETER SHALL CORRESPOND WITH BASE OF LIGHT UNIT BEING INSTALLED.
- 24" DIA. - SINGLE ACORN LIGHT UNIT
- 30" DIA. - TEARDROP LIGHT UNITS

BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	2,438 m	□
s ₁	3	3	2,286 m	□
v ₁	8	6	0,838 m	—
v ₂				

OFFSET SCHEDULE

PIPE DIAM. d IN.	PILE OFFSET FROM C-MED'N FT.	LENGTH OF BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	*6 x 5'-3" (1.600 m)
27" (685.8 mm) TO 36" (914.4 mm)	3'-9" (1.143 m)	5'-9" (1.753 m)
42" (1066.8 mm) TO 48" (1219.2 mm)	4'-6" (1.372 m)	6'-6" (1.981 m)
54" (1371.6 mm) TO 60" (1524.0 mm)	5'-0" (1.524 m)	7'-0" (2.134 m)
66" (1676.4 mm) TO 72" (1828.8 mm)	5'-6" (1.676 m)	7'-6" (2.286 m)

ORIENT FOUNDATION TO MINIMIZE LENGTH OF OFFSET.

DESIGNED BY: BAXTER & WOODMAN, INC. 11/10/2012
 DRAWN BY: MAC 11/10/2012
 CHECKED BY: MDW 11/10/2012
 DATE: 5-14-12

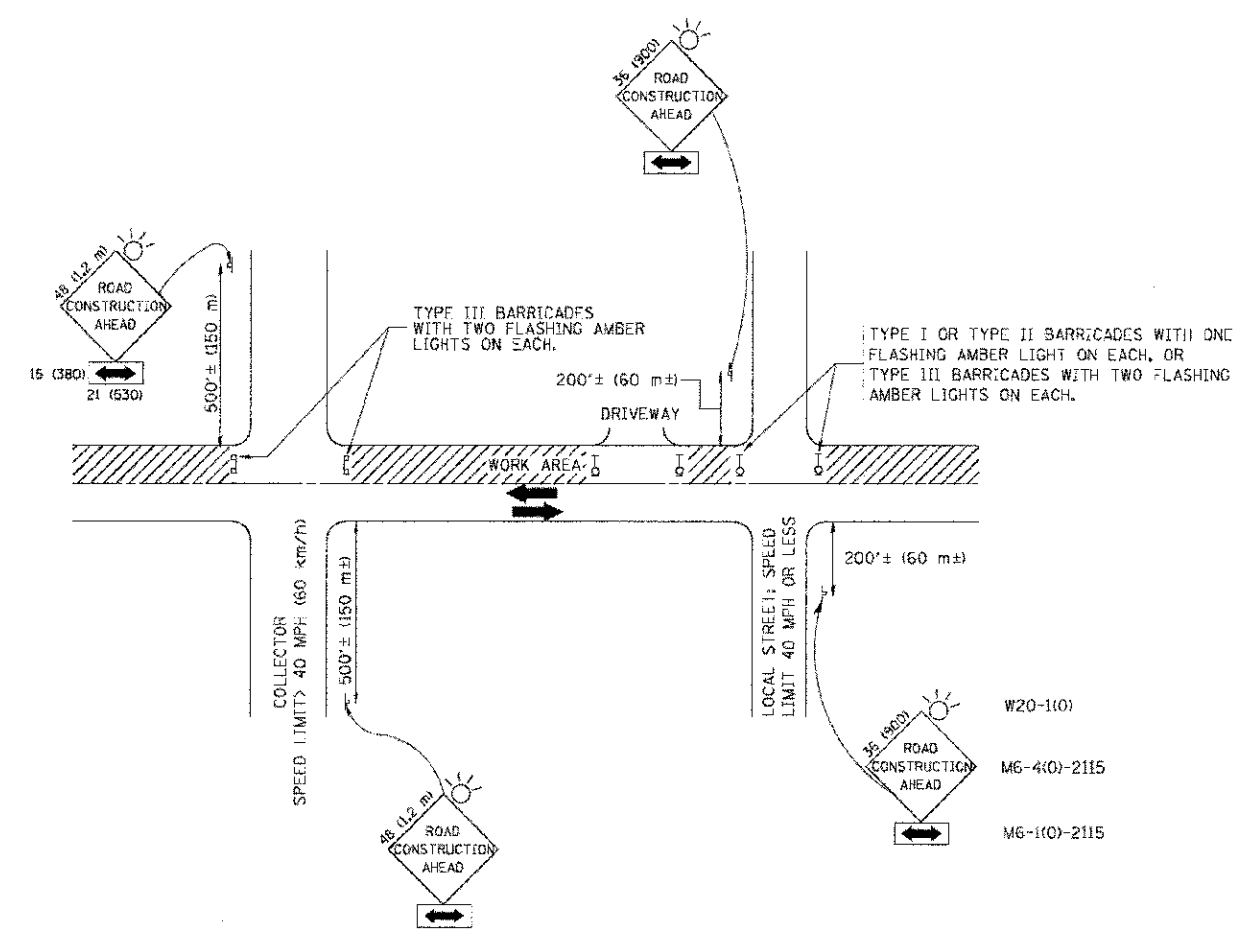


DESIGNED - DSH	REVISED - 8-3-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - MDW	REVISED -
DATE - 5-14-12	FILE - 100751-ba310.sht

VILLAGE OF SKOKIE, ILLINOIS
 F.A.U. ROUTE 1332 E. OAKTON STREET
 FROM F.A.P. 350 U.S. ROUTE 41 (SKOKIE BOULEVARD) TO LOWELL AVENUE
 STREETScape IMPROVEMENTS

LIGHT POLE FOUNDATION OFFSET
 40' (12.192 m) TO 47 1/2' (14.478 m) M.H.
 15" (381 mm) BOLT CIRCLE

F.A.U. RTE. 1332	SECTION 11-02036-00-L5	COUNTY COOK	TOTAL SHEET NO. 26
FED. ROAD DIST. NO. 1 (ILLINOIS)	C-91-149-12	CONTRACT NO. 63737	FED. AID PROJECT 1E-0001889



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.
- 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.

COPYRIGHT © 2015 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 100 N. LAUREL STREET, SUITE 200
 CHICAGO, ILLINOIS 60610
 TEL: 312.233.8800 FAX: 312.233.8801
 WWW.BAXTERANDWOODMAN.COM

FILE NAME -	USER NAME - gajtanobc	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\dotest\125\24\tec2\tdgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	RFVTSFD - I. RAMMACHER 01-06-00

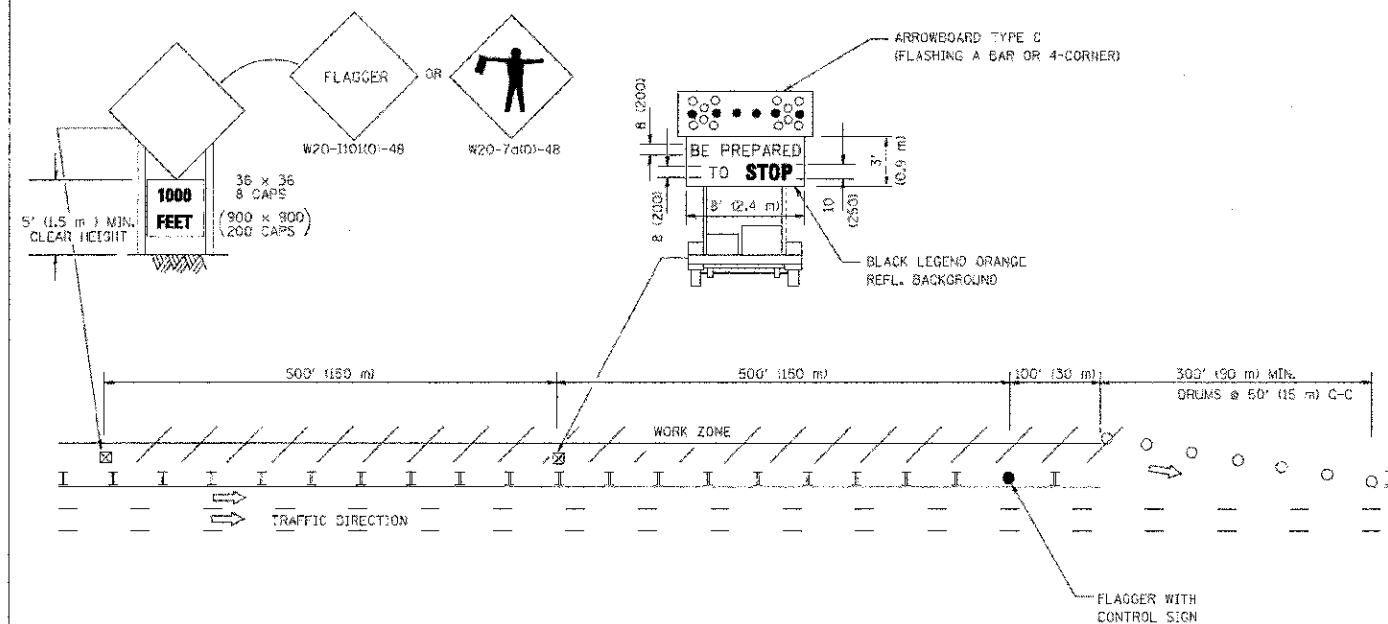
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

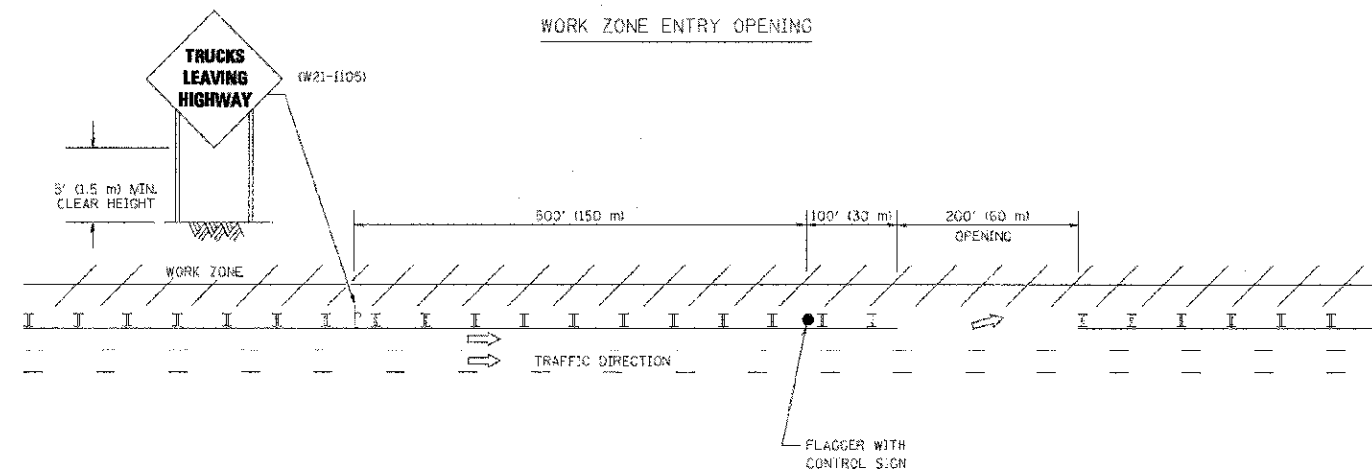
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00266-00-LS	COOK	29	27
TC-10			CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 ILLINOIS (FED. AID PROJECT TE-0001889)				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. THE ARROWBOARD, THE FLAGGER AHEAD SIGN AND THE TRUCKS LEAVING HIGHWAY SIGN SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE EXIT OPENINGS SHOULD BE A MINIMUM OF ONE HALF MILE APART.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

COPYRIGHT © PHILIP BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 1100 N. WASHINGTON ST., SUITE 1000, CHICAGO, IL 60610
 TEL: 312.467.1000 FAX: 312.467.1001
 PROJECT NO. 11-00286-00-1-S CONTRACT NO. 63737

FILE NAME =	USER NAME =	DESIGNED =	REVISED =
W:\detroit\2232\1\1\1\1.dgn	Lojoe	-	J.A.F. 04-03
	DRAWN =	CHECKED =	REVISED =
			J.A.F. 02-06
	PLOT SCALE =	DATE =	REVISED =
	90.000 / 1 IN		S.P.S. 01-07
	PLOT DATE =	DATE =	REVISED =
	1/28/2010		S.P.S. 12-09

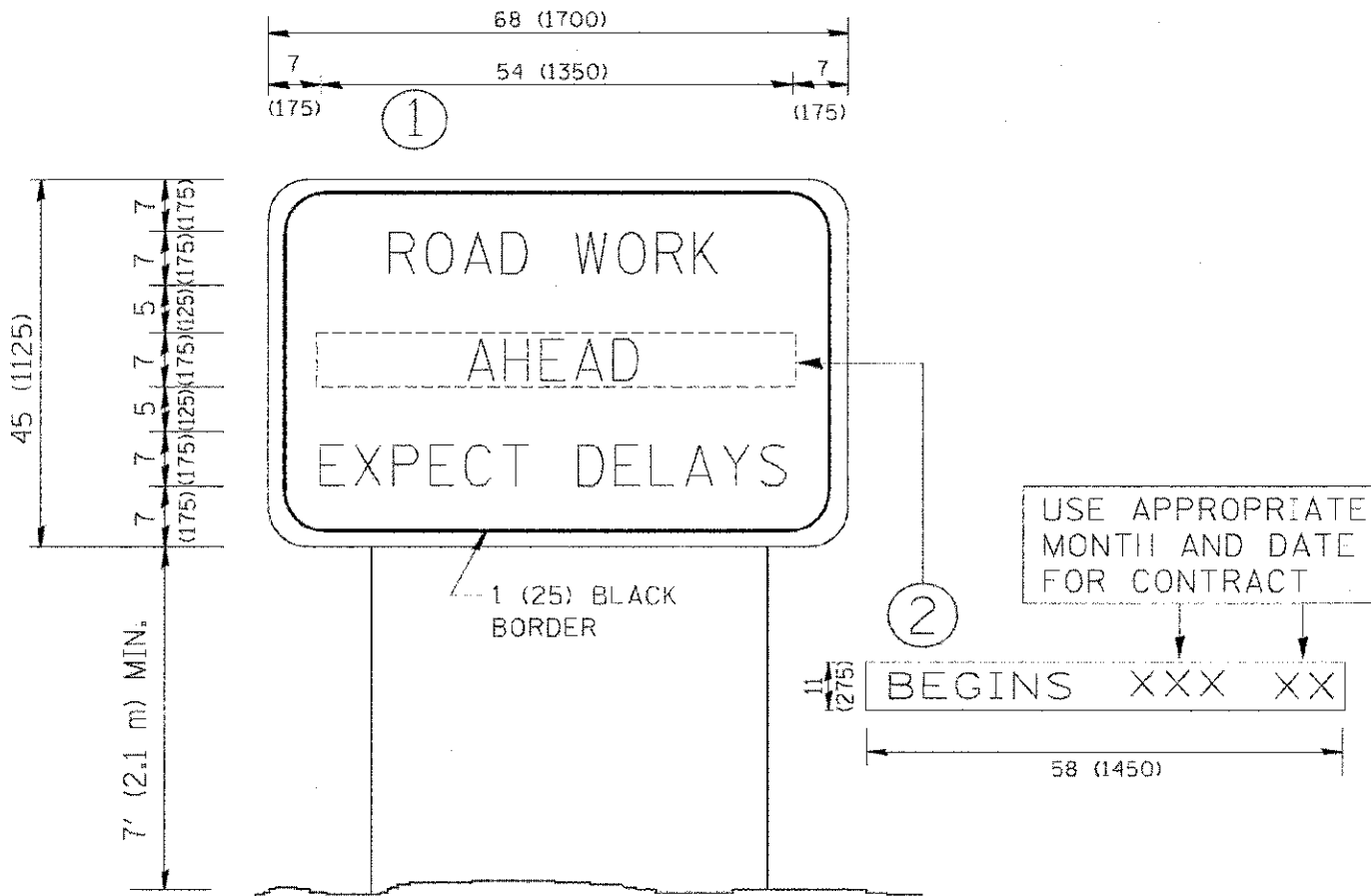
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-1-S	COOK	29	28
TC-18			CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00016899				

C:\P\9041 - 2010 BY BAXTER & MCDONNELL, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 5600 N. RIVER ROAD, SUITE 200
 DEERFIELD, ILLINOIS 60015-5000
 TEL: 847.480.1000 FAX: 847.480.1001
 WWW.BAXTERANDMCDONNELL.COM



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.

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

FILE NAME =	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MERS 09-15-97
W:\ds\rotd\22\34\cc22.dgn		DRAWN -	REVISED - R. MERS 12-11-97
		CHECKED -	REVISED - T. RAMMACHER 02-02-99
		DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1332	11-00286-00-LS	COOK	29	29
TC-22			CONTRACT NO. 63737	
FED. ROAD DIST. NO. 1 ILLINOIS FEB. 410 PROJECT ID: 00016891				