

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
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
F.A.P. ROUTE 350 U.S. ROUTE 41 (SKOKIE BOULEVARD)
FROM F.A.U. 1332 (OAKTON STREET) TO F.A.U. 1329 (MAIN STREET)

STREETSCAPE AND STREET LIGHTING
PROJECT No.: ARA-9003(547)
SECTION No.: 09-00283-00-LS
JOB No: C-91-285-10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27 +	1
STA.	TO STA.		1 = 28	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(547)		
CONTRACT No: 63430				

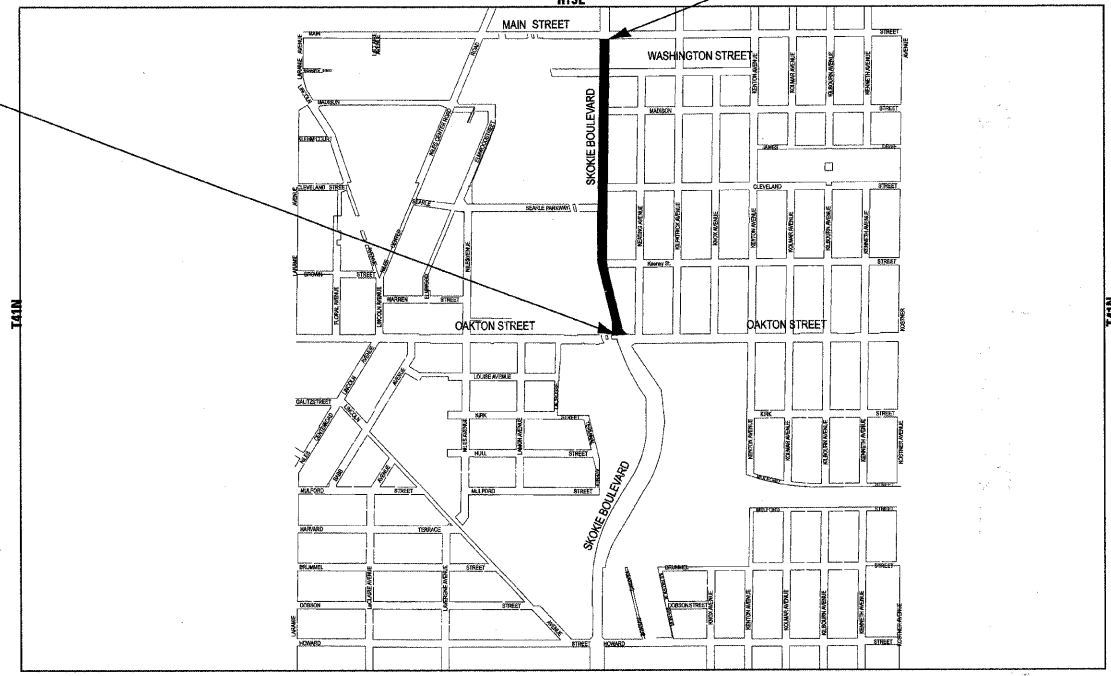


LOCATION OF SECTION INDICATED THUS: [Symbol]

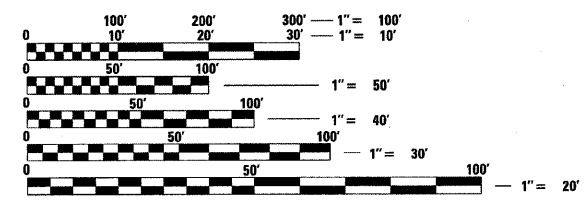
PROJECT NUMBER: ARA-9003(547)
F.A.P. ROUTE 350
U.S. ROUTE 41 (SKOKIE BOULEVARD)
BEGIN STREETSCAPE IMPROVEMENTS
STA. 10 + 32

PROJECT NUMBER: ARA-9003(547)
F.A.P. ROUTE 350
U.S. ROUTE 41 (SKOKIE BOULEVARD)
END STREETSCAPE IMPROVEMENTS
STA. 35 + 14

VILLAGE OF SKOKIE
COOK COUNTY
LOCATION MAP
(NOT TO SCALE)



NILES TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 2482 L.F. OR 0.47 MILES
NET LENGTH OF IMPROVEMENT = 2482 L.F. OR 0.47 MILES



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. DESIGN STAGE REQUEST
DIG. No. A2810504



CONTACT JULIE AT 811 OR 800-892-0123
WITH THE FOLLOWING:
COUNTY = COOK
CITY-TOWNSHIP = SKOKIE - NILES
SEC. & 1/4 SEC. NO. = 21 NE & SE 1/4
48 HOURS (2 working days) BEFORE YOU DIG

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- Burlington, Wisconsin 262.763.7834
- Chicago, Illinois 312.578.0050
- Crystal Lake, Illinois 815.459.1260
- DeKalb, Illinois 815.787.3111
- Grayslake, Illinois 847.223.5088
- Itasca, Illinois 630.773.1870
- Madison, Wisconsin 608.347.1542
- Mokena, Illinois 708.478.2090
- Plainfield, Illinois 815.609.7425

CONTRACT NO. 63430



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED November 23, 2009
Frederick G. Schuttner
VILLAGE OF SKOKIE

PASSED December 3, 2009
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW December 4, 2009
Diana M. O'Hara
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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OF THE STATE OF ILLINOIS

BUREAU OF LOCAL ROADS AND STREETS: ALEX ROUSEH.P.E./KEVIN STALLWORTH.P.E./847-705-4169/ SCHAUMBURG, IL
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 Project No. ARA-9003(547) Section 09-00283-00-LS Job No. C-91-285-10
 Date: 10/16/09
 Project Manager: Matthew D. Washkowiak, License No. 62-052835
 District 1 Engineer: [Signature]
 Deputy Director: Diana M. O'Hara

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 US ROUTE 41 WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 9AM AND 4PM. 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.

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALK
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
701101-02	OFF RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS

COMMITMENTS

NO COMMITMENTS ARE PROPOSED AT THIS TIME.

TREE LEGEND

NM	TREE, ACER PLATANOIDES, (NORWAY MAPLE), 3" CALIPER, BALLED AND BURLAPPED
SSM	TREE, ACER MIYABEI MORTON, (STATE STREET MIYABEI MAPLE), 3" CALIPER, BALLED AND BURLAPPED
CEH	TREE, CARPINUS BETULUS FASTIGIATA, (COLUMNAR EUROPEAN HORNBEAM) 3.5" CALIPER, BALLED AND BURLAPPED
PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
TCH	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
KC	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
CCP	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED
SWO	TREE QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED & BURLAPPED
BO	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED
CBC	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED
LE	TREE, ULMUS PARVIFOLIA, (LACEBARK ELM), 2" CALIPER, BALLED AND BURLAPPED

INDEX OF SHEETS

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1	COVER SHEET
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7	TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS
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13 - 14	STREET LIGHTING - SINGLE LINE DIAGRAM
15	STREET LIGHTING PLAN: U.S. ROUTE 41 (SKOKIE BOULEVARD) STA 10+00 TO STA 18+00
16	STREET LIGHTING PLAN: U.S. ROUTE 41 (SKOKIE BOULEVARD) STA 18+00 TO STA 29+00
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18 - 21	STREET LIGHTING DETAILS
22	DETAILS
23	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
23A	(BE-305) LIGHT POLE FOUNDATION, METAL
24	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
25	(TC-13) TYPICAL PAVEMENT MARKINGS
26	(TC-18) SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
27	(TC-22) ARTERIAL ROAD INFORMATION SIGNING

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BM #1	SE ARROW BOLT ON FIRE HYDRANT AT EAST SIDE U.S. ROUTE 41 (SKOKIE BLVD) AT 8025 SKOKIE BOULEVARD EL 612.04
BM #2	SE ARROW BOLT ON FIRE HYDRANT AT SE CORNER OF U.S. ROUTE 41 (SKOKIE BLVD) AND KEENEY STREET EL 611.27
BM #3	NORTH FLANGE BOLT ON FIRE HYDRANT ON EAST SIDE U.S. ROUTE 41 (SKOKIE BLVD) AT 8131 SKOKIE BOULEVARD EL 609.18
BM #4	NW ARROW BOLT ON FIRE HYDRANT ON WEST SIDE U.S. ROUTE 41 (SKOKIE BLVD) AT NE CORNER 8220 SKOKIE BOULEVARD EL 612.15
BM #5	NW FLANGE BOLT ON FIRE HYDRANT ON WEST SIDE U.S. ROUTE 41 (SKOKIE BLVD) AT MADISON STREET EL 611.82
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 1/20/2010 9:07:00 AM



DESIGNED -	DJS	REVISED -	IDOT REVIEW 11/23/09
DRAWN -	RKM/CJC/MAC	REVISED -	IDOT REVIEW 01/19/10
CHECKED -	MDW	REVISED -	
DATE -	10-16-2009	FILE -	091028-Gen-note.sht

VILLAGE OF SKOKIE, ILLINOIS U.S. ROUTE 41 (SKOKIE BOULEVARD) STREETScape IMPROVEMENTS

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

SCALE: NONE STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	2
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-90031547				

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 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 "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", 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 VILLAGE 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 OR VILLAGE.
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. MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, SIDEWALK, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE VILLAGE, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE VILLAGE WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
6. 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 RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
7. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS, BUSINESSES, AND THE VILLAGE 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 VILLAGE 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 VILLAGE AND AS SHOWN ON THE PLANS.
8. 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.
9. ACCESS TO PRIVATE 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.
10. ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH VILLAGE STANDARDS AND INCLUDED IN THE PAY ITEM FOR BRICK PAYER SIDEWALK. ALL SIGN PLACEMENT SHALL BE COORDINATED WITH THE VILLAGE PRIOR TO ACTUAL PLACEMENT. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
11. 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.
12. 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 CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.
13. THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
14. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. 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.
15. THE FINISHED HOT-MIX ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
16. 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.
17. 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 VILLAGE AND THE ENGINEER.
18. 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. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT.
19. 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.
20. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24-HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.
21. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
22. FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.
23. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER 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 NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
24. 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.
25. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, 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 UTILITY CONSTRUCTION.
26. CONNECTION OF EXISTING OR PROPOSED STORM SEWER INTO EXISTING OR PROPOSED STORM SEWER OR STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE PROPOSED PAY ITEM.
27. IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AND INCLUDED IN THE COST OF THE PROPOSED PAY ITEM.
28. THE CONTRACTOR SHALL REPLACE ALL SIGNS REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION OR AS DETERMINED BY THE ENGINEER. THE WORK SHALL BE INCLUDED IN THE PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
29. LINE AND GRADE STAKES WILL BE SET ONE TIME BY THE SURVEYOR OR ENGINEER AT THE VILLAGE'S EXPENSE. 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 VILLAGE ANY SPECIFIC INSTANCES OF DAMAGED OR ALTERED STAKES AND/OR MONUMENTS PROVIDED.
30. DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF A 24" X 48" DETECTABLE WARNING COMPRISED OF TWO 24" BY 24" SQUARE PLATES AS MANUFACTURED BY NEENAH 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 EDGE AT THE BACK OF CURB. INSTALLATION SHALL BE ACCORDING TO THE MANUFACTURE'S RECOMMENDATIONS.
31. ALL SANITARY MANHOLES TO BE ADJUSTED SHALL ALSO REPLACE OR ADD AN EXTERNAL CHIMNEY SEAL, PAID FOR AS EXTERNAL CHIMNEY SEAL REPLACEMENT.
32. NOT USED
33. INCIDENTAL HMA SURFACING SHALL BE USED IN AREAS WHERE THE EXISTING GUTTER HAS BEEN OVERLAID AND THE CURB AND GUTTER IS TO BE REMOVED AND REPLACED. THE INCIDENTAL HMA SURFACING SHALL BE PLACED IN THE NEW GUTTER FLANGE TO MATCH THE EXISTING OVERLAY THICKNESS.
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. ALL HMA PAVEMENT IN THE PARKWAY THAT IS SCHEDULED TO BE REMOVED SHALL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.
36. TREES SHALL BE INSTALLED DURING SPRING PLANTING PERIOD. TREE INSTALLATION SHALL INCLUDE WATERING BAGS TO BE FILLED ONCE PER WEEK DURING ESTABLISHMENT PERIOD OR AS DIRECTED BY THE ENGINEER.
37. ANY FILL REQUIRED TO ESTABLISH THE PROPOSED SIDEWALK OR CURB GRADE SHALL BE OF MATERIAL APPROVED BY THE ENGINEER AND SHALL BE INCLUDED IN THE PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
38. 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.

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DESIGNED -	DJS	REVISED -	IDOT REVIEW 11/23/09
DRAWN -	RKM/CJC/MAC	REVISED -	
CHECKED -	MDW	REVISED -	
DATE -	10-16-2009	FILE -	091028-Gen-note.sht

VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETScape IMPROVEMENTS

GENERAL NOTES		
SCALE: NONE	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	3
	C-91-285-10		CONTRACT NO. 63430	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003647				

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	233
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	104
* 20101200	TREE ROOT PRUNING	EACH	20
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	683
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	334
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	5
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5
* 25200100	SODDING	SQ YD	334
25200200	SUPPLEMENTAL WATERING	UNIT	1
28000510	INLET FILTERS	EACH	28
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	838
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	546
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	10
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	25
42300800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (SPECIAL)	SQ YD	838
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	20,394
42400800	DETECTABLE WARNINGS	SQ FT	194
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	526
44001700	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1,250
44000600	SIDEWALK REMOVAL	SQ FT	18,032
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	1
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	30
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	3
60255500	MANHOLES TO BE ADJUSTED	EACH	1
60260100	INLETS TO BE ADJUSTED	EACH	1
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2

* INDICATES SPECIALTY ITEM

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VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	4
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(547)				

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	556
67100100	MOBILIZATION	L SUM	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
* 81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	2,075
* 81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	340
* 81702460	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.3/0	FOOT	40
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	5,421
* 82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1
* 83600350	LIGHT POLE FOUNDATION METAL, 11" BOLT CIRCLE, 8" X 6'	EACH	41
* 83600355	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	41
* 84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	16
* 84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	12
* 84200806	REMOVAL OF POLE FOUNDATION, CONCRETE	EACH	48
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	50
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4
* A2000324	TREE, ACER MIYABEI MORTON, (STATE STREET MIYABEI MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	3
* A2000624	TREE, ACER PLATANDOIDES, (NORWAY MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	3
* A2004524	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED	EACH	6
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	4
* A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	3

* INDICATES SPECIALTY ITEM

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VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	5
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(547)				

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
* A2006518	TREE, ULMUS PARVIFOLIA (LACEBARK ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	2
* A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER BALLED AND BURLAPPED	EACH	2
* B2005720	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5
X0322102	TEMPORARY SIDEWALK RAMP	EACH	20
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	180
X0323927	MAINTENANCE OF LIGHTING SYSTEM	EACH	1
X0444100	BENCHES	EACH	6
* X0539800	TREE GRATES	EACH	34
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	21
XX000959	TRASH RECEPTACLES	EACH	6
XX003535	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	2,266
XX004688	BRICK PAVER SIDEWALK	SQ FT	4,912
* A200652A	TREE QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED & BURLAPPED	EACH	1
* A2002490	TREE, CARPINUS BETULUS FASTIGIATA, (COLUMNAR EUROPEAN HORNBEAM), 3.5" CALIPER, BALLED AND BURLAPPED	EACH	3
* A2006726	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	2
Z0019600	DUST CONTROL WATERING	UNIT	5
* 21101655	TOPSOIL FURNISH AND PLACE, 14"	SQ YD	183
XX008277	PORTLAND CEMENT CONCRETE UNDERLAYMENT, 5 INCH	SQ YD	546
X0321524	CHIMNEY SEAL	EACH	2
* XX008278	UNIT DUCT, 600V, 6-1/C NO.6, 1/C NO.8 GROUND, (EPR-TYPE RHW), 1 1/2" DIA. POLYETHYLENE	FOOT	4,721
* XX008279	UNIT DUCT, 600V, 6-1/C NO.4, 1/C NO.8 GROUND, (EPR-TYPE RHW), 2" DIA. POLYETHYLENE	FOOT	1,051
* XX008280	ORNAMENTAL STREET LIGHTING UNIT - SINGLE TEARDROP FIXTURE	EACH	41
* XX008281	ORNAMENTAL STREET LIGHTING UNIT - SINGLE ACORN FIXTURE	EACH	41

* INDICATES SPECIALTY ITEM

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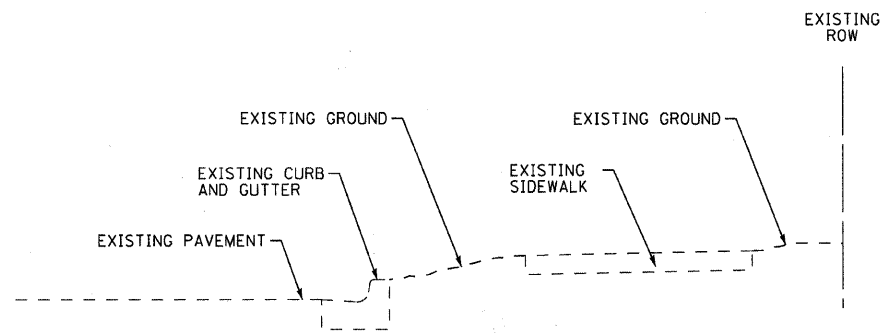
VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETScape IMPROVEMENTS

SUMMARY OF QUANTITIES

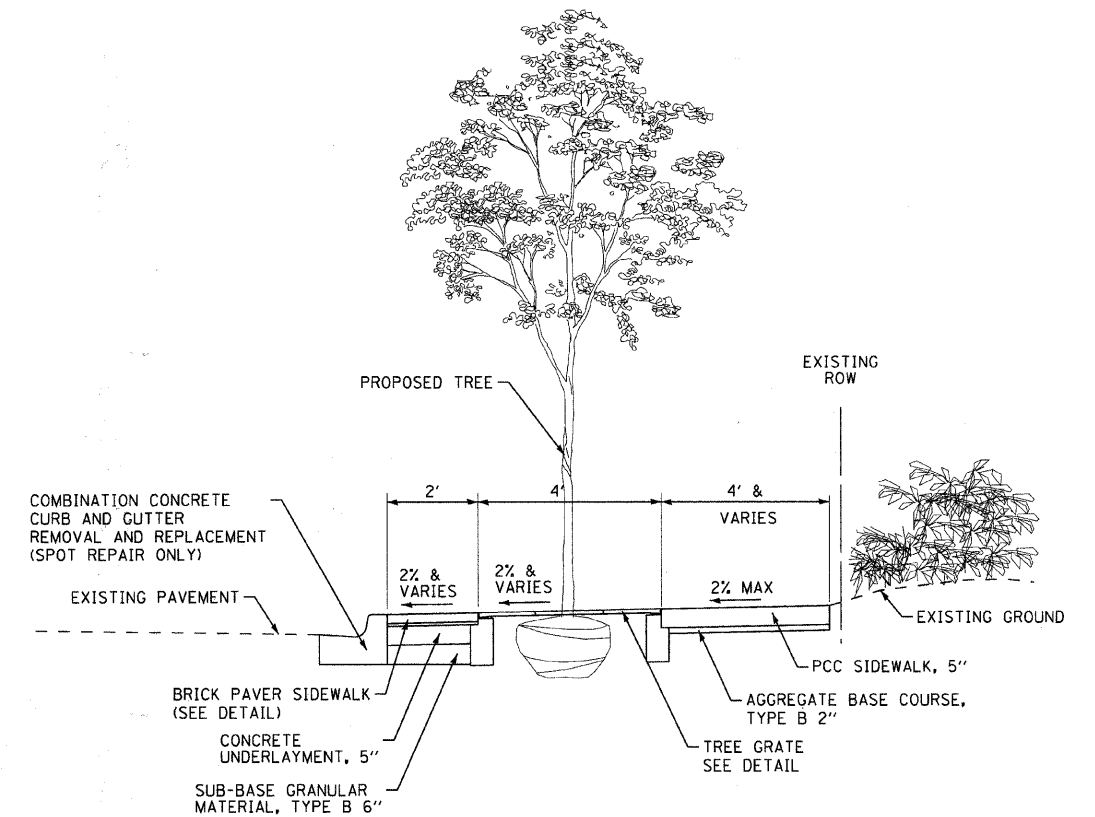
SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	6
C-91-285-10			CONTRACT NO. 63430	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(547)				



EXISTING TYPICAL SECTION
NOT TO SCALE

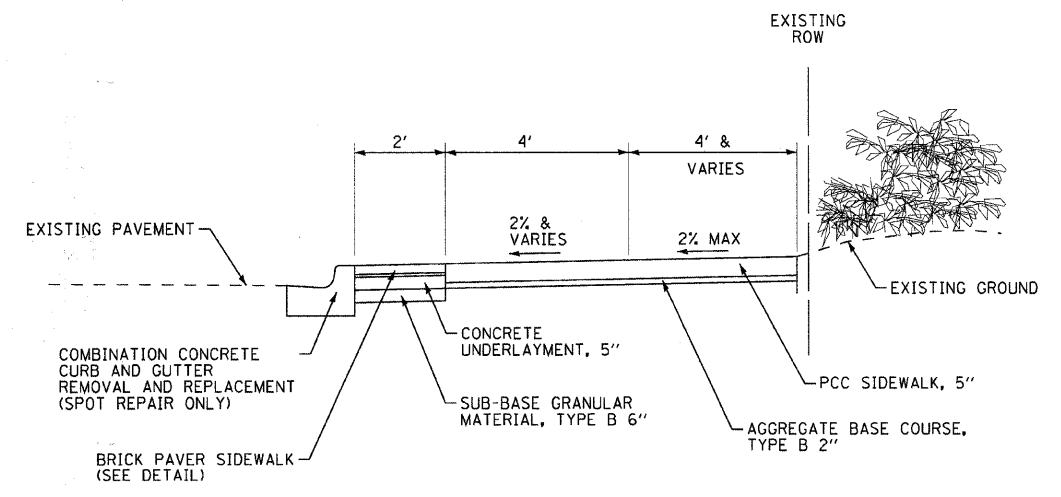


PROPOSED TYPICAL SECTION
NOT TO SCALE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

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

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" 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.



PROPOSED TYPICAL SECTION
NOT TO SCALE

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**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

TYPICAL SECTIONS

SCALE: NONE STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	7
C-91-285-10			CONTRACT NO. 63430	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003647				

TREE SCHEDULE

SKOKIE BOULEVARD			
STATION			SPECIES OF TREE
12+42	RT	BO	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED
13+96	RT	SSM	TREE, ACER MIYABEI MORTON, (STATE STREET MIYABEI MAPLE), 3" CALIPER, BALLED AND BURLAPPED
14+55	RT	KC	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
14+93	RT	KC	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
15+41	RT	KC	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED
17+91	RT	PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
18+53	RT	PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
19+07	RT	PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
19+57	RT	PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
20+59	RT	CEH	TREE, CARPINUS BETULUS FASTIGIATA, (COLUMNAR EUROPEAN HORNBEAM), 3.5" CALIPER, BALLED AND BURLAPPED
20+98	RT	TCH	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
21+47	RT	CEH	TREE, CARPINUS BETULUS FASTIGIATA, (COLUMNAR EUROPEAN HORNBEAM), 3.5" CALIPER, BALLED AND BURLAPPED
21+75	RT	CEH	TREE, CARPINUS BETULUS FASTIGIATA, (COLUMNAR EUROPEAN HORNBEAM), 3.5" CALIPER, BALLED AND BURLAPPED
22+30	RT	TCH	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
24+60	RT	PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
24+85	RT	PSG	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED
25+26	RT	NM	TREE, ACER PLATANDOIDES, (NORWAY MAPLE), 3" CALIPER, BALLED AND BURLAPPED
25+31	LT	CCP	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED
26+04	LT	CCP	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED
26+50	LT	CCP	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED
26+55	RT	SWO	TREE QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED & BURLAPPED
26+92	LT	CCP	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED
27+47	RT	NM	TREE, ACER PLATANDOIDES, (NORWAY MAPLE), 3" CALIPER, BALLED AND BURLAPPED
28+00	RT	NM	TREE, ACER PLATANDOIDES, (NORWAY MAPLE), 3" CALIPER, BALLED AND BURLAPPED
28+45	RT	LE	TREE, ULMUS PARVIFOLIA (LACEBARK ELM), 2" CALIPER, BALLED AND BURLAPPED
28+97	LT	BO	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED
28+98	RT	LE	TREE, ULMUS PARVIFOLIA (LACEBARK ELM), 2" CALIPER, BALLED AND BURLAPPED
29+46	LT	SSM	TREE, ACER MIYABEI MORTON, (STATE STREET MIYABEI MAPLE), 3" CALIPER, BALLED AND BURLAPPED
30+01	LT	SSM	TREE, ACER MIYABEI MORTON, (STATE STREET MIYABEI MAPLE), 3" CALIPER, BALLED AND BURLAPPED
31+25	LT	CBC	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER BALLED AND BURLAPPED
31+41	RT	CCP	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED
31+83	LT	CBC	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER BALLED AND BURLAPPED
32+24	LT	TCH	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
32+70	LT	TCH	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED

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VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETScape IMPROVEMENTS

SCHEDULE OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	8
	C-91-285-10			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-90036471			CONTRACT NO. 63430	

SIDEWALK SCHEDULE

STATION BEGIN	STATION END	SIDEWALK REMOVAL SQ FT	DETECTABLE WARNINGS SQ FT	PCC SIDEWALK 5 INCH SQ FT	AGGREGATE BASE COURSE TYPE B, 2" SQ YD	BRICK PAVER SIDEWALK SQ FT	PCC UNDERLAYMENT 5 INCH SQ YD	SUB-BASE GRANULAR MATERIAL TYPE B, 6" SQ YD
10+40 RT	12+00 RT (ALLEY)	1,248	8	571	63	154	17	17
12+00 RT (ALLEY)	16+82 RT (KEENEY ST)	2,441	32	2,698	300	704	78	78
16+82 RT (KEENEY ST)	23+44 RT (CLEVELAND ST)	4,701	34	5,331	592	1,344	149	149
23+44 RT (CLEVELAND ST)	30+02 RT (MADISON ST)	3,970	32	4,357	484	958	106	106
24+33 LT	33+33 LT (WASHINGTON ST)	3,958	34	5,778	642	1,368	152	152
30+02 RT (MADISON ST)	33+33 RT (WASHINGTON ST)	1,714	54	1,659	184	384	43	43
		18,032 SQ FT	194 SQ FT	20,394 SQ FT	2,266 SQ YD	4,912 SQ FT	546 SQ YD	546 SQ YD

DRIVEWAY SCHEDULE

STATION	EXISTING DRIVEWAY APRON TYPE	RESIDENTIAL OR COMMERCIAL	EXISTING WIDTH AT ROW FOOT	EXISTING WIDTH AT CURB FOOT	LENGTH FOOT	EXISTING DRIVEWAY PAVEMENT AREA SQ YD	DRIVEWAY PAVEMENT REMOVAL SQ YD	PROPOSED WIDTH AT ROW FOOT	PROPOSED WIDTH AT CURB FOOT	PROPOSED LENGTH OF DRIVEWAY FOOT	PROPOSED DRIVEWAY PAVEMENT AREA SQ YD	PCC DRIVEWAY PAVEMENT 8 INCH (SPECIAL) SQ YD	SUB-BASE GRANULAR MATERIAL TYPE B, 4 INCH SQ YD
SKOKIE BOULEVARD													
11+13 RT	CONCRETE	COMMERCIAL	23	23	2	13	13	26	42	10	46	46	46
11+64 RT	CONCRETE	COMMERCIAL	23	23	2	13	13	26	42	10	46	46	46
12+90 RT	CONCRETE	COMMERCIAL	23	35	9	37	37	27	43	9	43	43	43
13+52 RT	CONCRETE	COMMERCIAL	17	22	9	28	28	17	33	9	33	33	33
14+27 RT	CONCRETE	COMMERCIAL	26	39	9	41	41	27	43	9.5	45	45	45
20+25 RT	CONCRETE	COMMERCIAL				-	-	18	34	10	37	37	37
24+16 LT	CONCRETE	COMMERCIAL	27	29	10	39	39	30	46	9.5	48	48	48
24+55 RT	CONCRETE	COMMERCIAL	12	19	10	25	25	0	0	0	0	0	0
24+77 LT	CONCRETE	COMMERCIAL	42	45	10	54	54	42	58	9	58	58	58
25+55 LT	CONCRETE	COMMERCIAL	12	17	10	24	24	12	28	9.5	29	29	29
25+60 RT	CONCRETE	COMMERCIAL	21	28	10	36	36	20	36	10	29	29	29
26+23 RT	CONCRETE	COMMERCIAL	32	40	10	50	50	33	49	9.5	51	51	51
27+03 RT	CONCRETE	COMMERCIAL	33	41	10	51	51	33	49	9.5	51	51	51
27+45 LT	CONCRETE	COMMERCIAL				-	-	14	30	9	30	30	30
27+78 RT	CONCRETE	COMMERCIAL				-	-	16	32	10	35	35	35
27+89 LT	CONCRETE	COMMERCIAL				-	-	22	38	9.5	40	40	40
28+48 LT	CONCRETE	COMMERCIAL				-	-	23	39	9.5	41	41	41
30+46 LT	CONCRETE	COMMERCIAL	26	28	9	35	35	26	42	9	42	42	42
30+68 RT	CONCRETE	COMMERCIAL	20	29	5	24	24	20	36	9	36	36	36
31+05 RT	CONCRETE	COMMERCIAL	17	23	4	17	17	16	32	9.5	33	33	33
31+87 RT	CONCRETE	COMMERCIAL	19	30	4	19	19	17	33	9.5	34	34	34
32+20 RT	CONCRETE	COMMERCIAL	18	33	4	20	20	14	30	9.5	31	31	31
TOTALS						526 Sq. Yd.	526 Sq. Yd.				838 Sq. Yd.	838 Sq. Yd.	838 Sq. Yd.

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**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

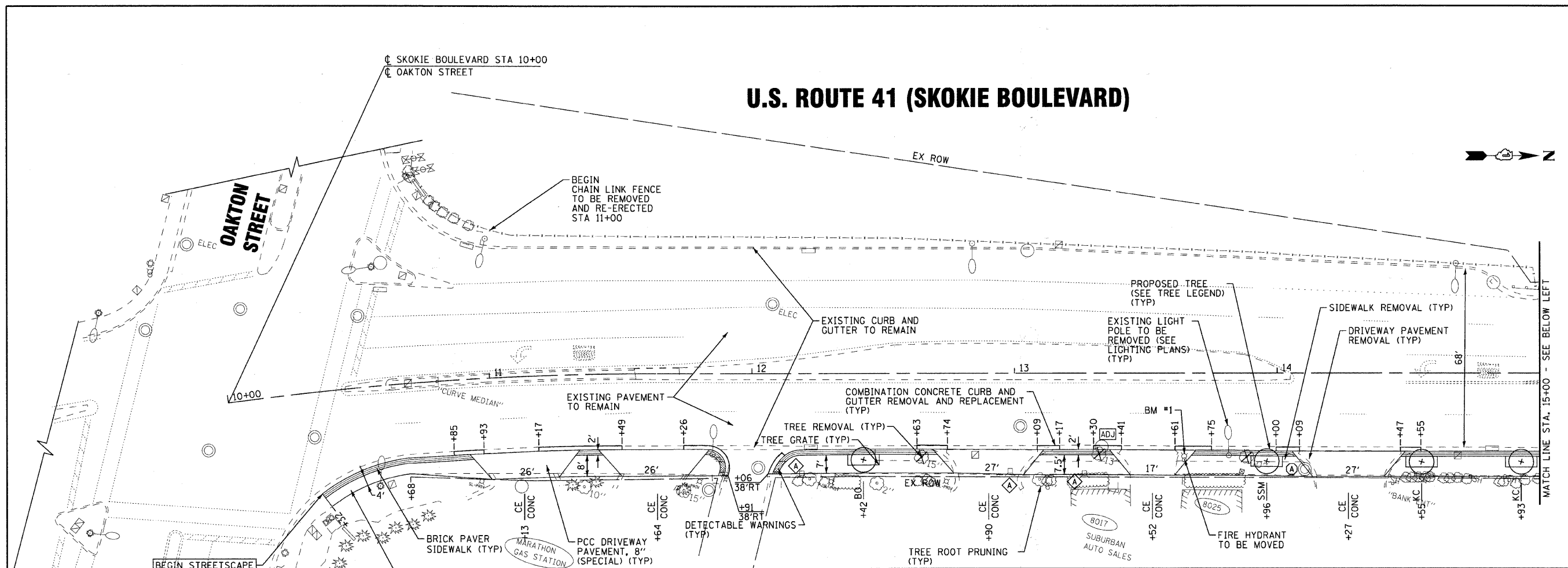
SCHEDULE OF QUANTITIES

SCALE: NONE

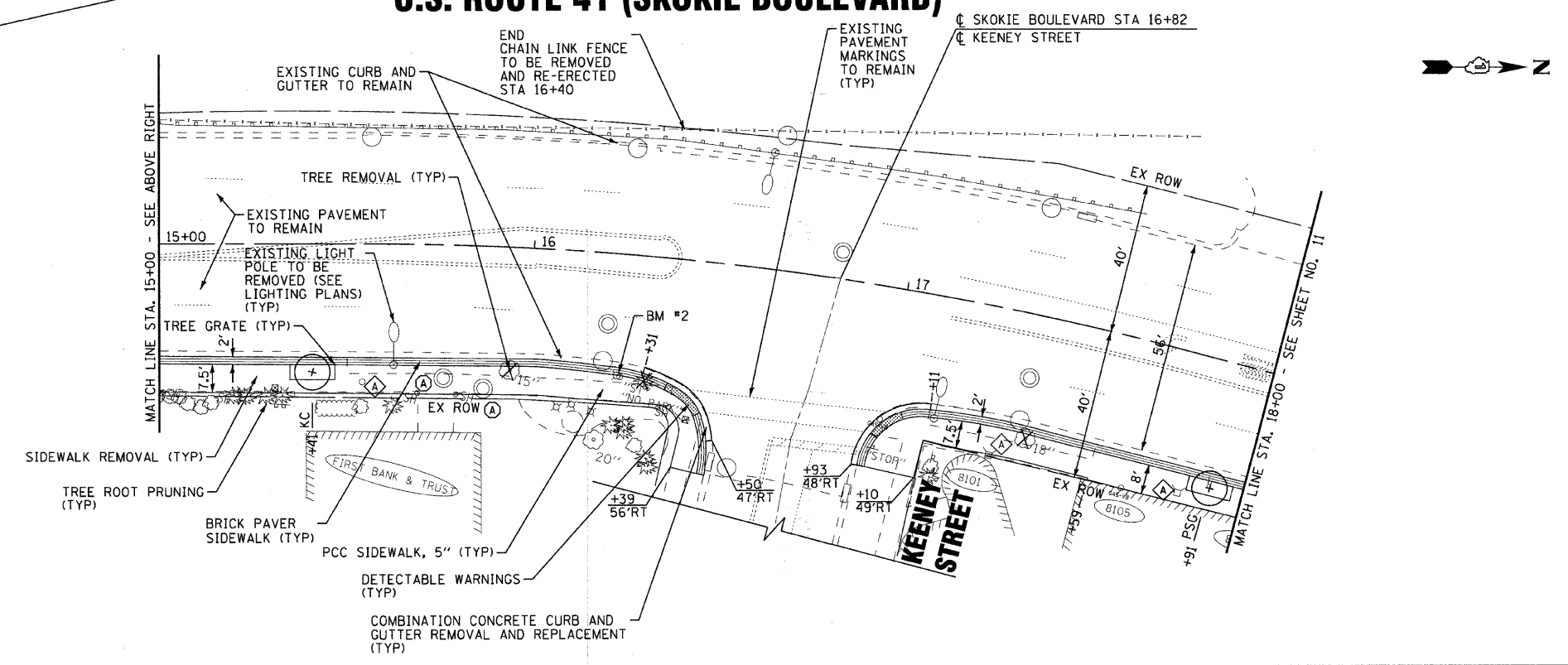
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	9
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003647				

U.S. ROUTE 41 (SKOKIE BOULEVARD)



U.S. ROUTE 41 (SKOKIE BOULEVARD)



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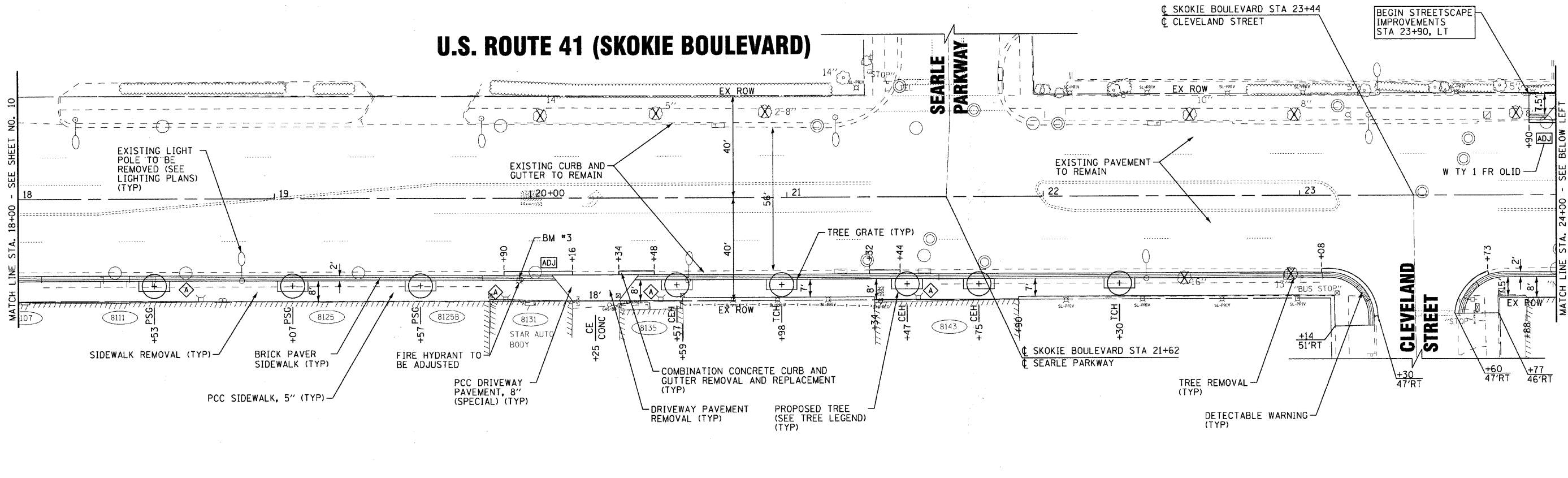
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CHECKED -	MDW	REVISED -	
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VILLAGE OF SKOKIE, ILLINOIS U.S. ROUTE 41 (SKOKIE BOULEVARD) STREETSCAPE IMPROVEMENTS

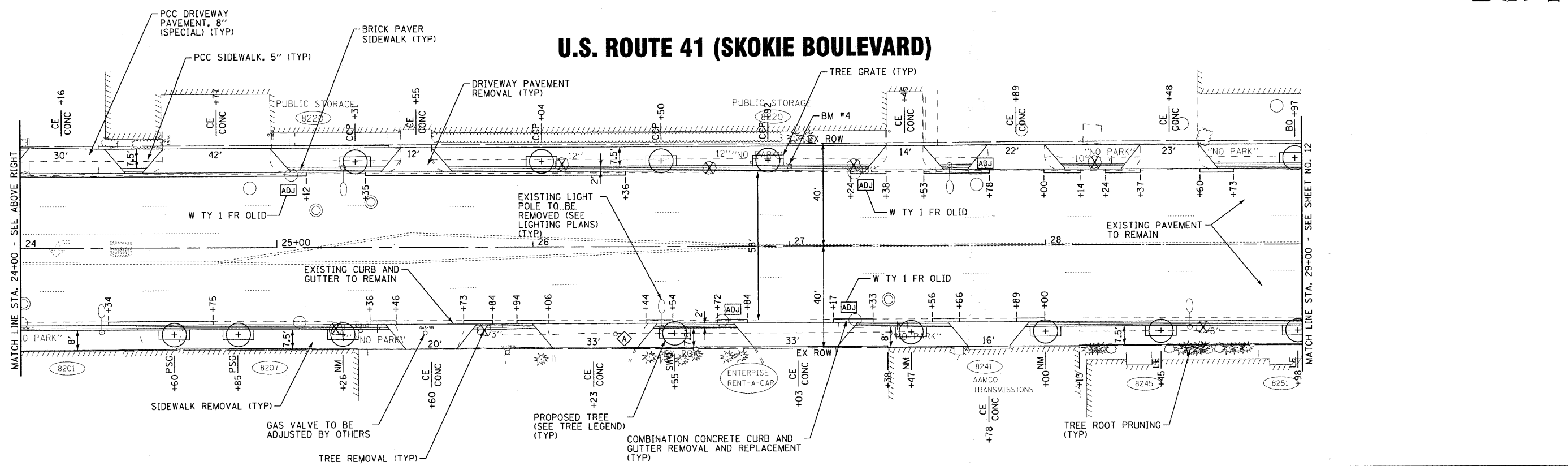
PLAN	
U.S. ROUTE 41 (SKOKIE BOULEVARD)	
SCALE: 1" = 20'	STA. 10+00 TO STA. 18+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	10
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT ARA-9003647				

U.S. ROUTE 41 (SKOKIE BOULEVARD)



U.S. ROUTE 41 (SKOKIE BOULEVARD)



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 LICENSE NO. 091-00283-00-LS
 DATE 10/20/2009
 PROJECT: VILLAGE OF SKOKIE, ILLINOIS
 U.S. ROUTE 41 (SKOKIE BOULEVARD) STREETScape IMPROVEMENTS
 DRAWING NO. C-91-285-10
 FILE: 091028-PLAN-2.sht



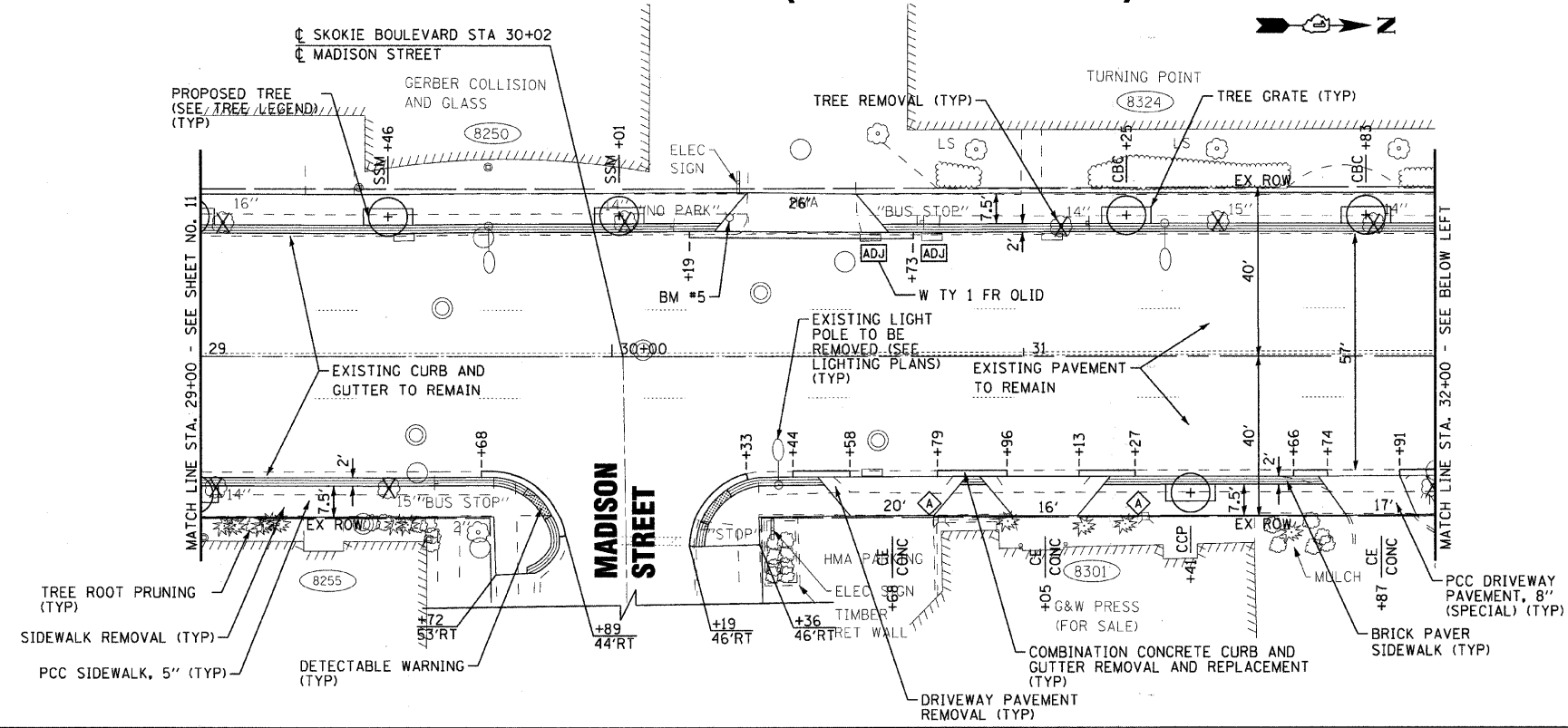
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VILLAGE OF SKOKIE, ILLINOIS U.S. ROUTE 41 (SKOKIE BOULEVARD) STREETScape IMPROVEMENTS

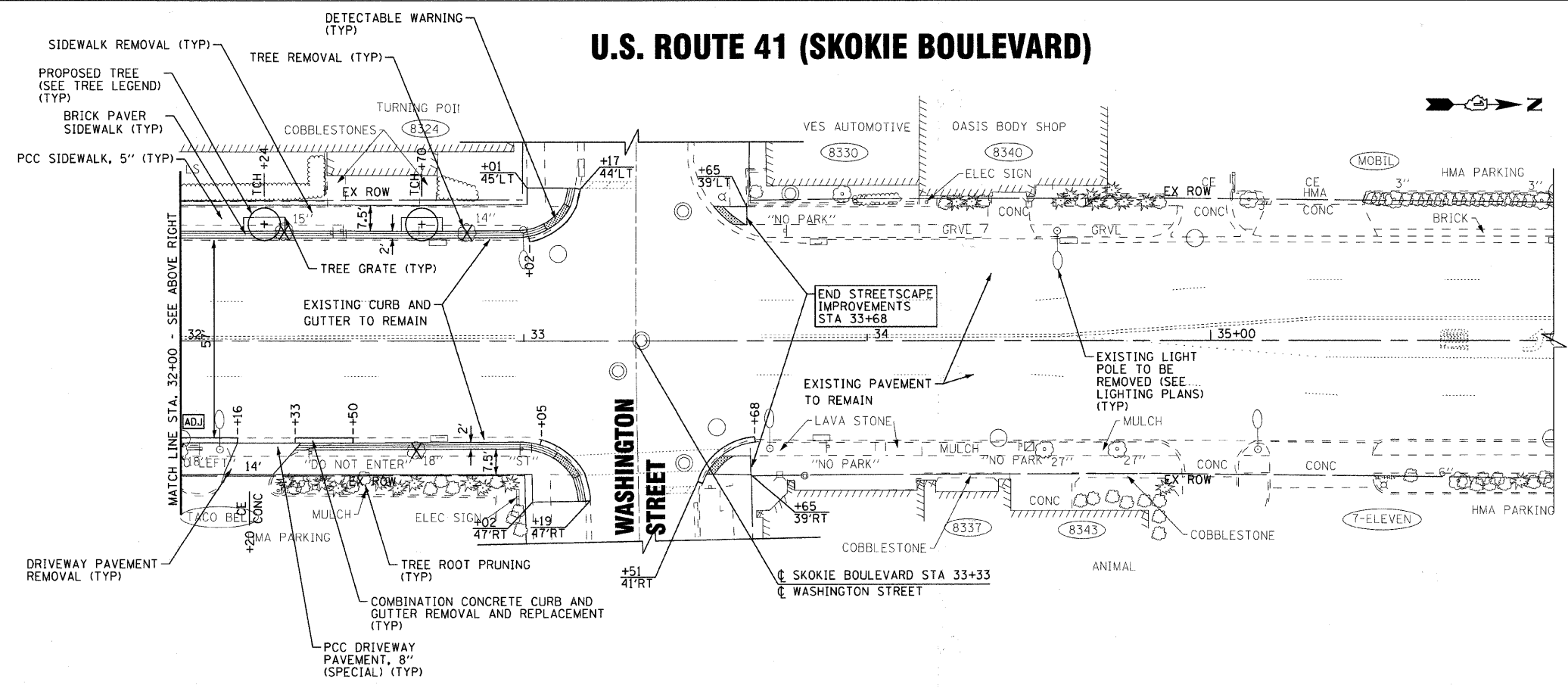
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		350	09-00283-00-LS	COOK	27	11
SCALE: 1" = 20'		STA. 18+00 TO STA. 29+00		CONTRACT NO. 63430		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	11
C-91-285-10				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-90035471				

U.S. ROUTE 41 (SKOKIE BOULEVARD)



U.S. ROUTE 41 (SKOKIE BOULEVARD)



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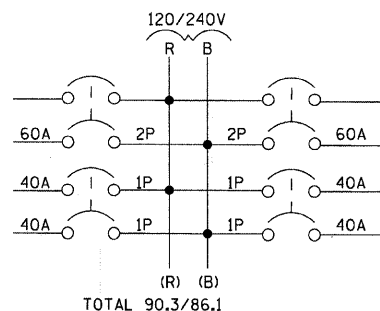
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DRAWN -	RKM/CJC/MAC	REVISED -	
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VILLAGE OF SKOKIE, ILLINOIS U.S. ROUTE 41 (SKOKIE BOULEVARD) STREETSCAPE IMPROVEMENTS

PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U.S. ROUTE 41 (SKOKIE BOULEVARD)		350	09-00283-00-LS	COOK	27	12
SCALE: 1" = 20'		STA. 29+00 TO STA. 36+00		CONTRACT NO. 63430		

FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT ARA-9003647	
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CKT.	AMPS	
	R	B
A	30.0	29.2
C	16.5	
E		15.0
SUB	46.5	44.2



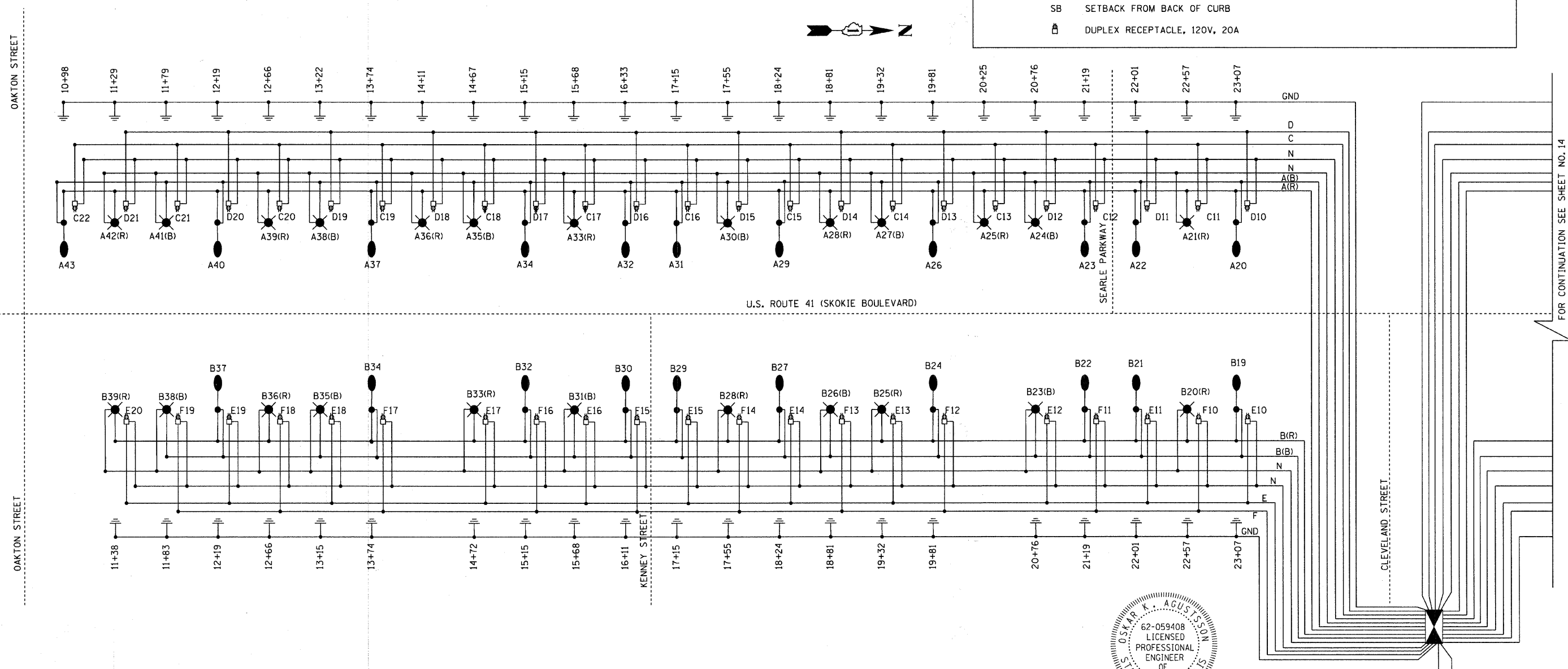
AMPS	CKT.
28.0	B
27.6	
15.8	D
14.3	F
43.8	SUB

TOTAL 90.3/86.1

LIGHTING CONTROLLER - LOADING

LEGEND

- EXISTING COM ED POWER POLE
- SERVICE PEDESTAL
- 1 1/2" UD, W/6*6 & 1*8 GND → 1 1/2" UNIT DUCT 6*6 & 1*8 GROUND (UNLESS NOTED OTHERWISE)
- 2 1/2" C, W/1 1/2" UD → 2 1/2" CONDUIT, PUSHED LENGTH AS SHOWN WITH 1 1/2" UNIT DUCT OR AS NOTED
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 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
- ⊠ PROPOSED LIGHTING CONTROLLER
- EXISTING HANDHOLE
- SB SETBACK FROM BACK OF CURB
- ⊞ DUPLEX RECEPTACLE, 120V, 20A



OSCAR K. AGUSTASON
62-059408
LICENSED
PROFESSIONAL
ENGINEER
OF
STATE OF ILLINOIS
Oscar K. Agustason
"LICENSE EXPIRES 11-30-11"

CONTROLLER "X1"
200A, 120/240V,
1 PHASE, 3 WIRE
STA 23+69

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DESIGNED - OKA	REVISED - IDOT REVIEW 11/23/09
DRAWN - MAC	REVISED - IDOT REVIEW 01/19/10
CHECKED - OKA	REVISED -
DATE - 10-16-2009	FILE - 091028-SL-single_line.sht

**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

STREET LIGHTING - SINGLE LINE DIAGRAM

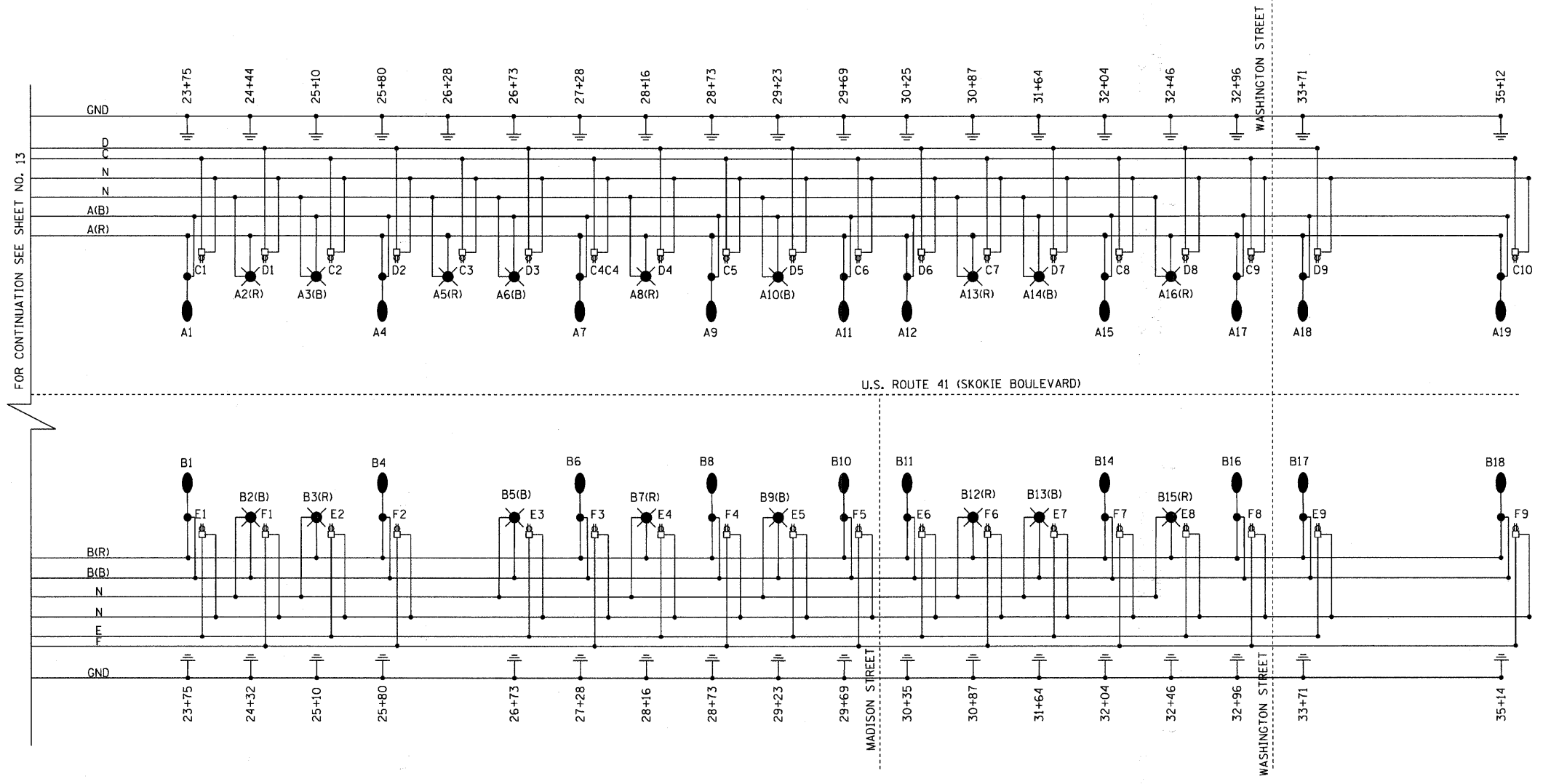
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	13
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003547				

FOR CONTINUATION SEE SHEET NO. 14

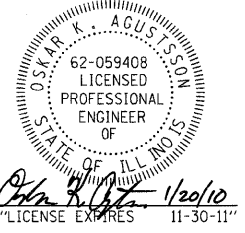
LEGEND

- EXISTING COM ED POWER POLE
- SERVICE PEDESTAL
- 1 1/2" UD, W/6*6 & 1*8 GND → UD- 1 1/2" UNIT DUCT 6*6 & 1*8 GROUND (UNLESS NOTED OTHERWISE)
- 2 1/2" C, W/1 1/2" UD → PC- 2 1/2" CONDUIT, PUSHED LENGTH AS SHOWN WITH 1 1/2" UNIT DUCT OR AS NOTED
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 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
- ⊞ PROPOSED LIGHTING CONTROLLER
- EXISTING HANDHOLE
- SB SETBACK FROM BACK OF CURB
- ⌚ DUPLEX RECEPTACLE, 120V, 20A



FOR CONTINUATION SEE SHEET NO. 13

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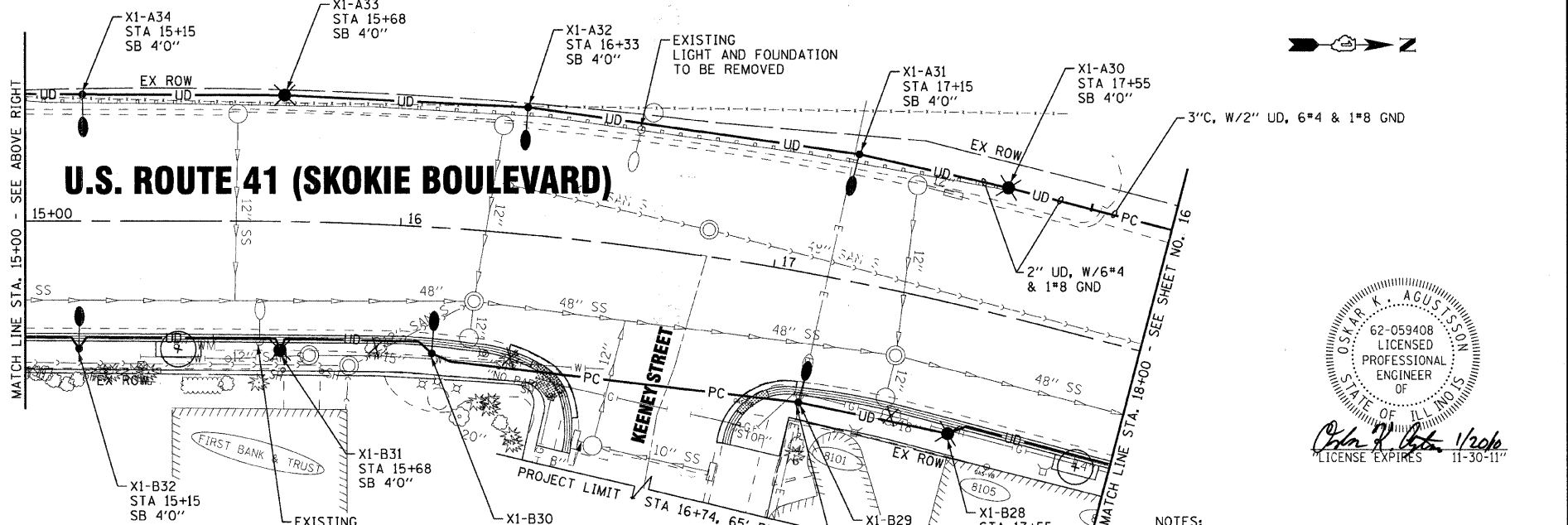
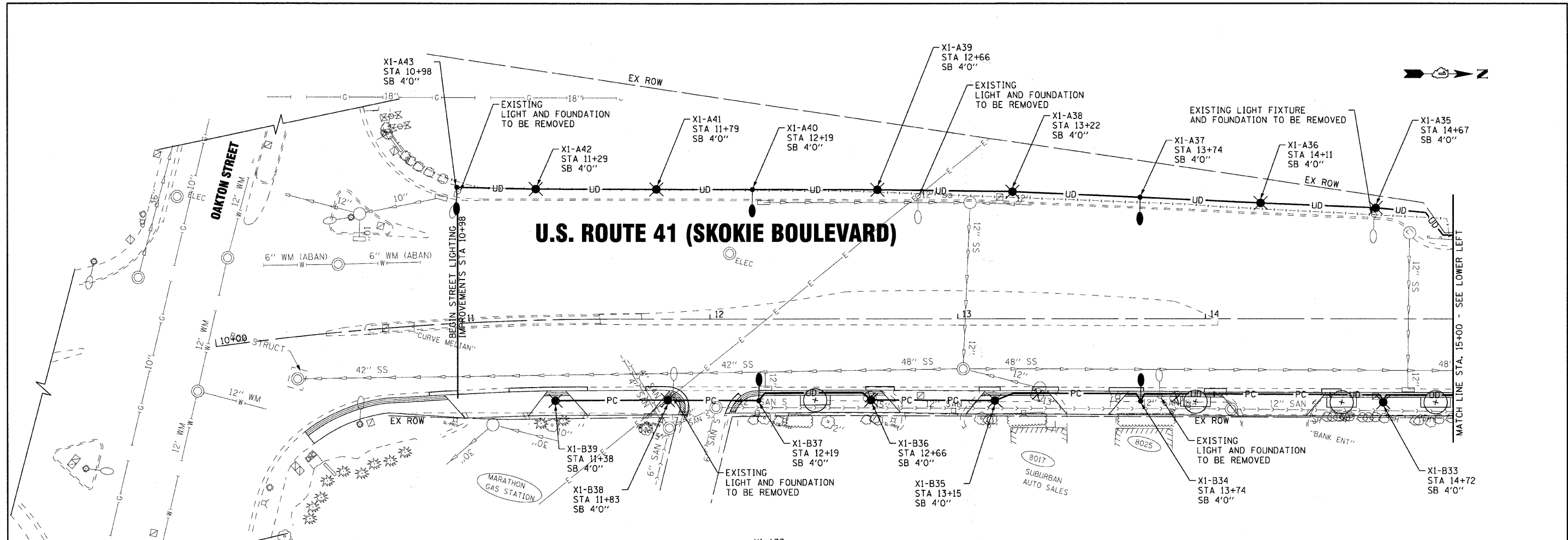
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CHECKED - OKA	REVISED -
DATE - 10-16-2009	FILE - 091028-SL-single_line.sht

**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

STREET LIGHTING - SINGLE LINE DIAGRAM

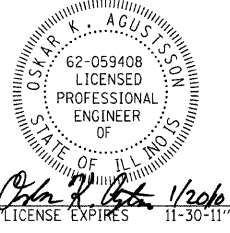
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	14
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT ARA-9003647				



LEGEND

	EXISTING COM ED POWER POLE
	SERVICE PEDESTAL
	1 1/2" UD, W/6*6 & 1*8 GND
	2 1/2" C, W/1 1/2" UD
	PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 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
	EXISTING HANDHOLE
	SB SETBACK FROM BACK OF CURB
	DUPLX 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) EXISTING ALUMINUM LIGHTING UNITS REMOVED SHALL BE SALVAGED AND DELIVERED TO FACILITY DESIGNATED BY VILLAGE OF SKOKIE.

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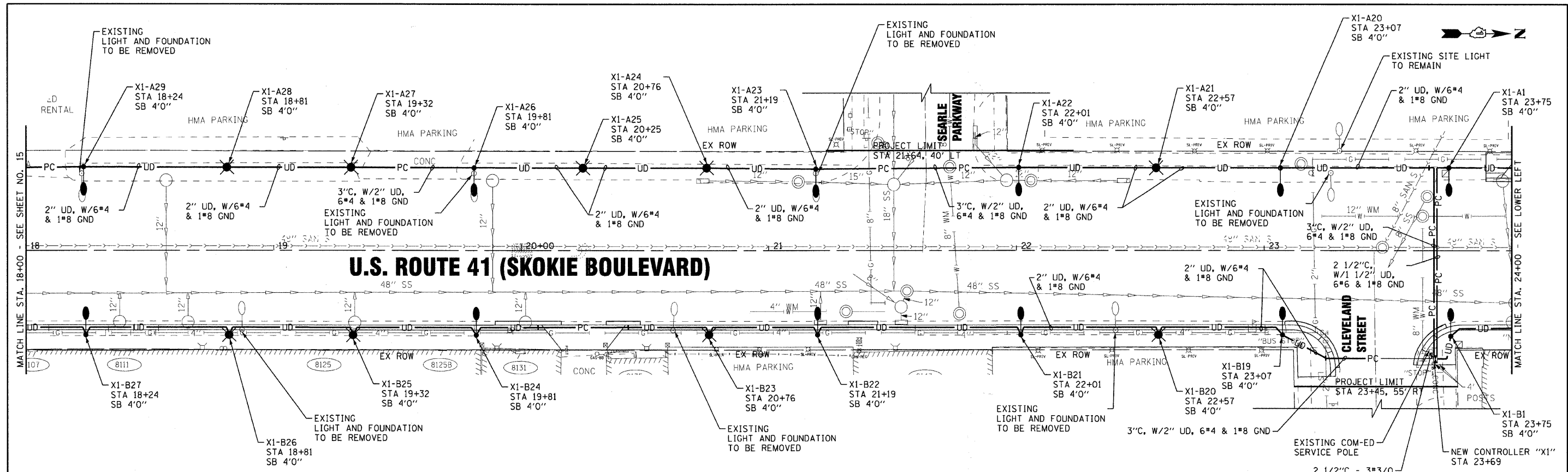
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**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

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

SCALE: 1" = 20'
STA. 10+00 TO STA. 18+00

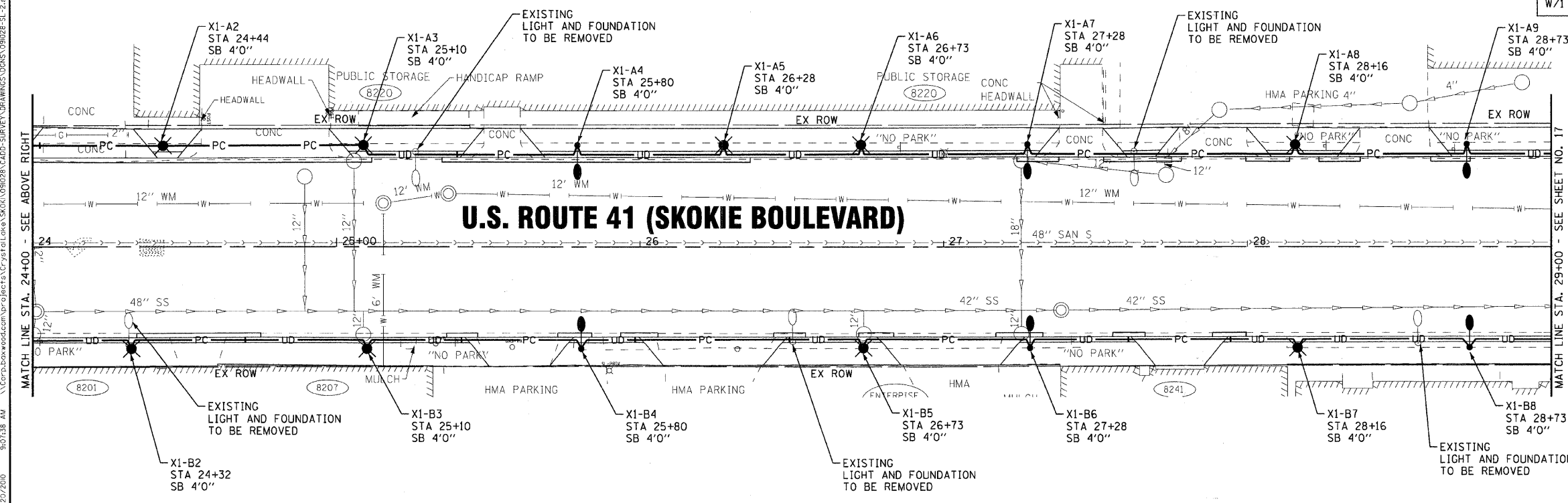
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350	09-00283-00-LS	COOK	27	15
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003547				



- 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) EXISTING ALUMINUM LIGHTING UNITS REMOVED SHALL BE SALVAGED AND DELIVERED TO FACILITY DESIGNATED BY VILLAGE OF SKOKIE.

LEGEND

- EXISTING COM ED POWER POLE
- SERVICE PESTAL
- 1 1/2" UNIT DUCT 6*6 & 1*8 GROUND (UNLESS NOTED OTHERWISE)
- 2 1/2" CONDUIT, PUSHED LENGTH AS SHOWN WITH 1 1/2" UNIT DUCT OR AS NOTED
- PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 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
- EXISTING HANDHOLE
- SB SETBACK FROM BACK OF CURB
- DUPLEX RECEPTACLE, 120V, 20A



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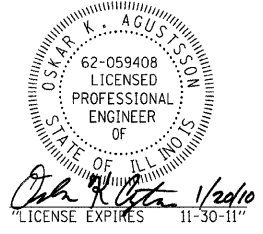
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DATE - 10-16-2009	FILE - 091028-LS-2.sht

**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

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

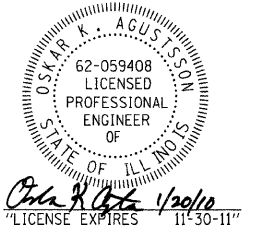
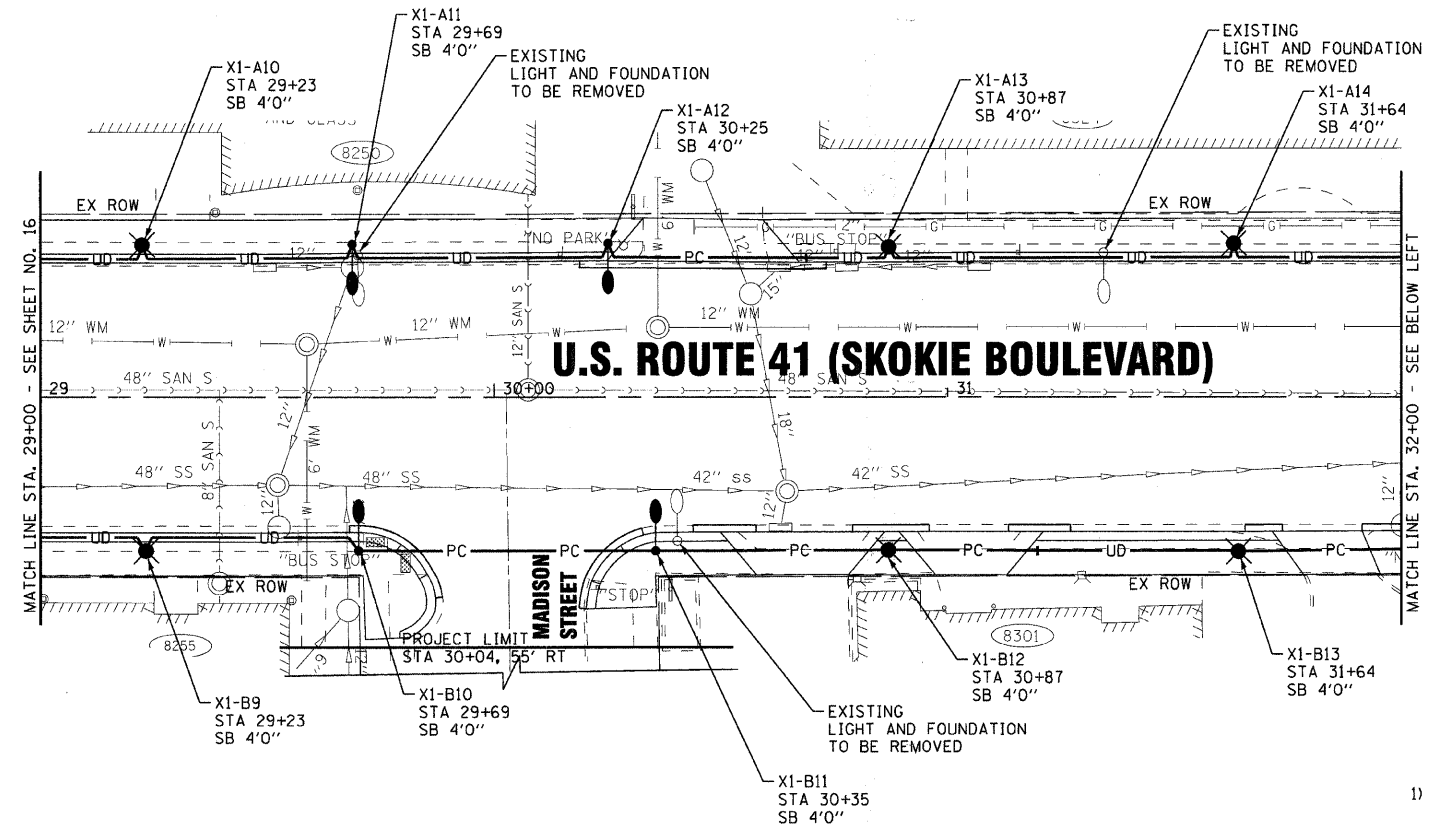
SCALE: 1" = 20'
STA. 18+00 TO STA. 29+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	16
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003547				

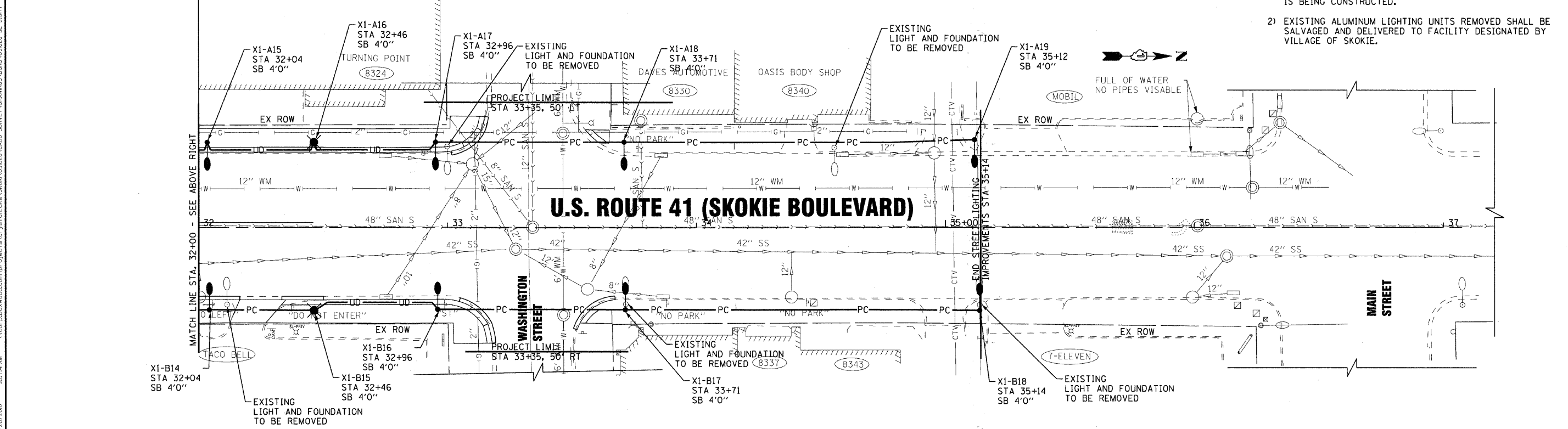




LEGEND	
	EXISTING COM ED POWER POLE
	SERVICE PEDESTAL
	1 1/2" UNIT DUCT 6*6 & 1*8 GROUND (UNLESS NOTED OTHERWISE)
	2 1/2" CONDUIT, PUSHED LENGTH AS SHOWN WITH 1 1/2" UNIT DUCT OR AS NOTED
	PROPOSED ORNAMENTAL STREET LIGHT, SINGLE TEARDROP FIXTURE, HPS, 250 WATT, 240 VOLT, TYPE IV, 36.5' M.H.
	PROPOSED 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
	EXISTING HANDHOLE
	SB SETBACK FROM BACK OF CURB
	DUPLX 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) EXISTING ALUMINUM LIGHTING UNITS REMOVED SHALL BE SALVAGED AND DELIVERED TO FACILITY DESIGNATED BY VILLAGE OF SKOKIE.



DESIGNED - OKA	REVISED - IDOT REVIEW 11/23/09
DRAWN - MAC	REVISED - IDOT REVIEW 01/19/10
CHECKED - OKA	REVISED -
DATE - 10-16-2009	FILE - 091028-SL-3.sht

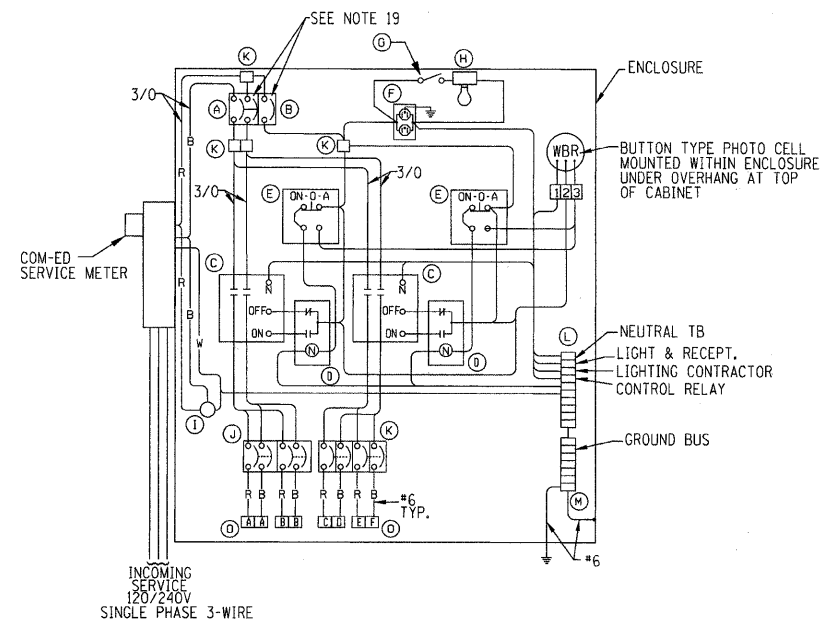
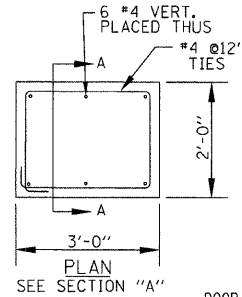
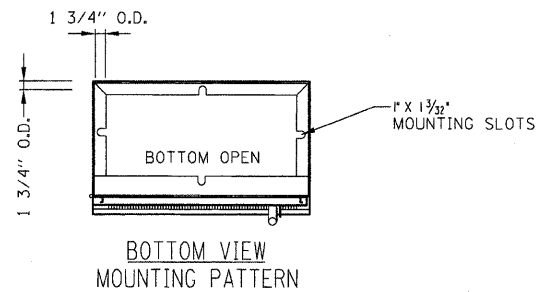
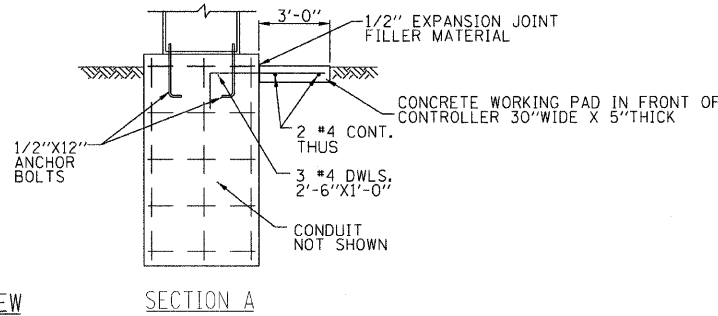
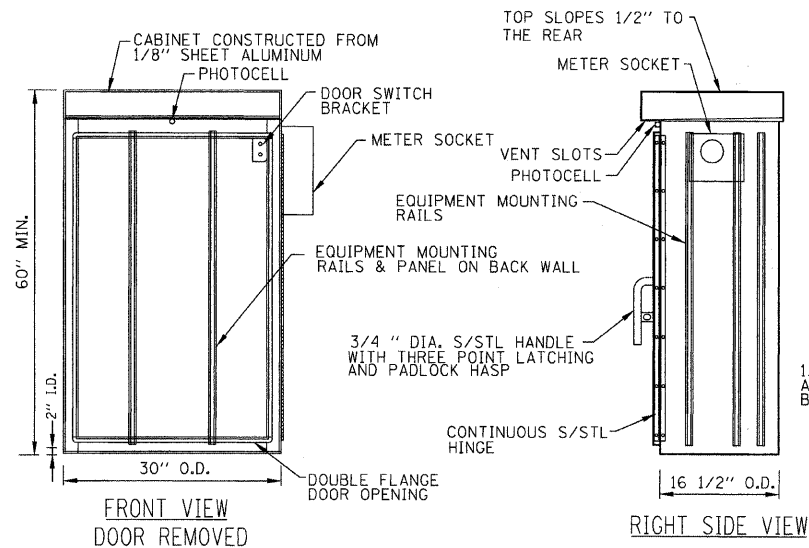
**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

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

SCALE: 1" = 20'
STA. 29+00 TO STA. 36+00

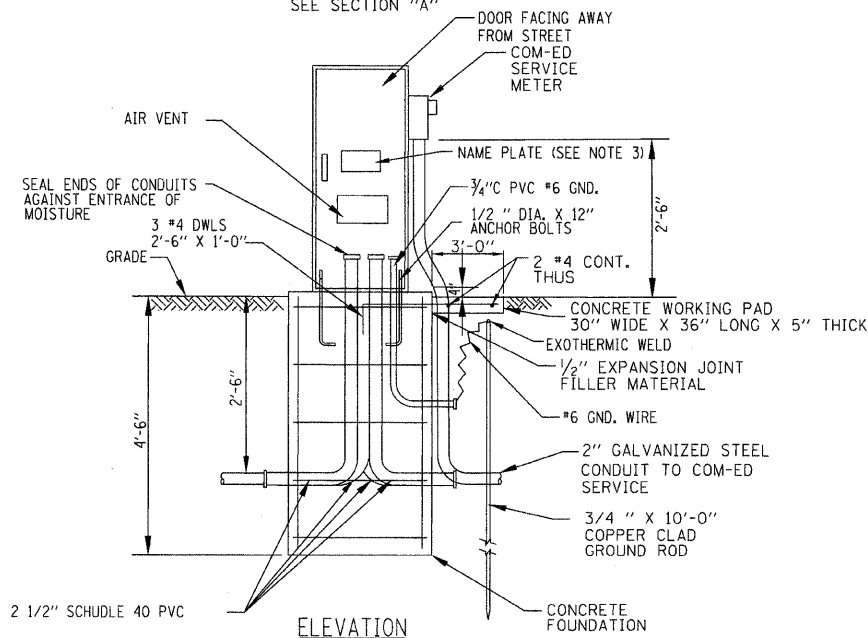
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350	09-00283-00-LS	COOK	27	17
	C-91-285-10		CONTRACT NO. 63430	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003647				

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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	SPDT 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	4	SECONDARY SURGE ARRESTER SQUARE D SDSA1175, 175 VAC PHASE-TO-GROUND MAXIMUM OR EQUAL
J	2	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 GLASTIC 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 'C' & 'D' AND 'E' & 'F' RESPECTIVELY, SHALL BE INTERLOCKED IN PAIRS WITH HANDLE TIES.

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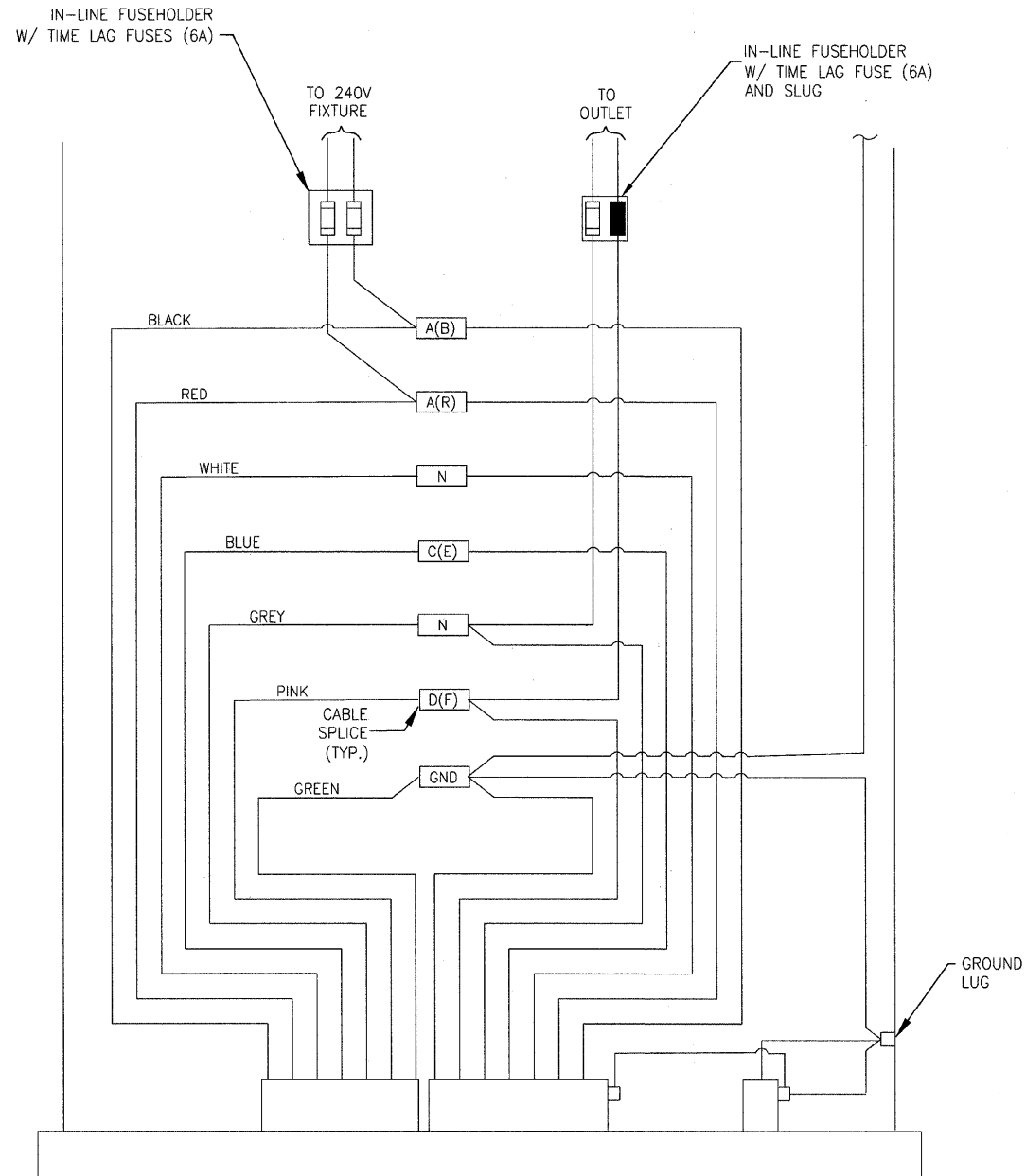
**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

STREET LIGHTING - DETAILS

SCALE: NONE

STA. TO STA.

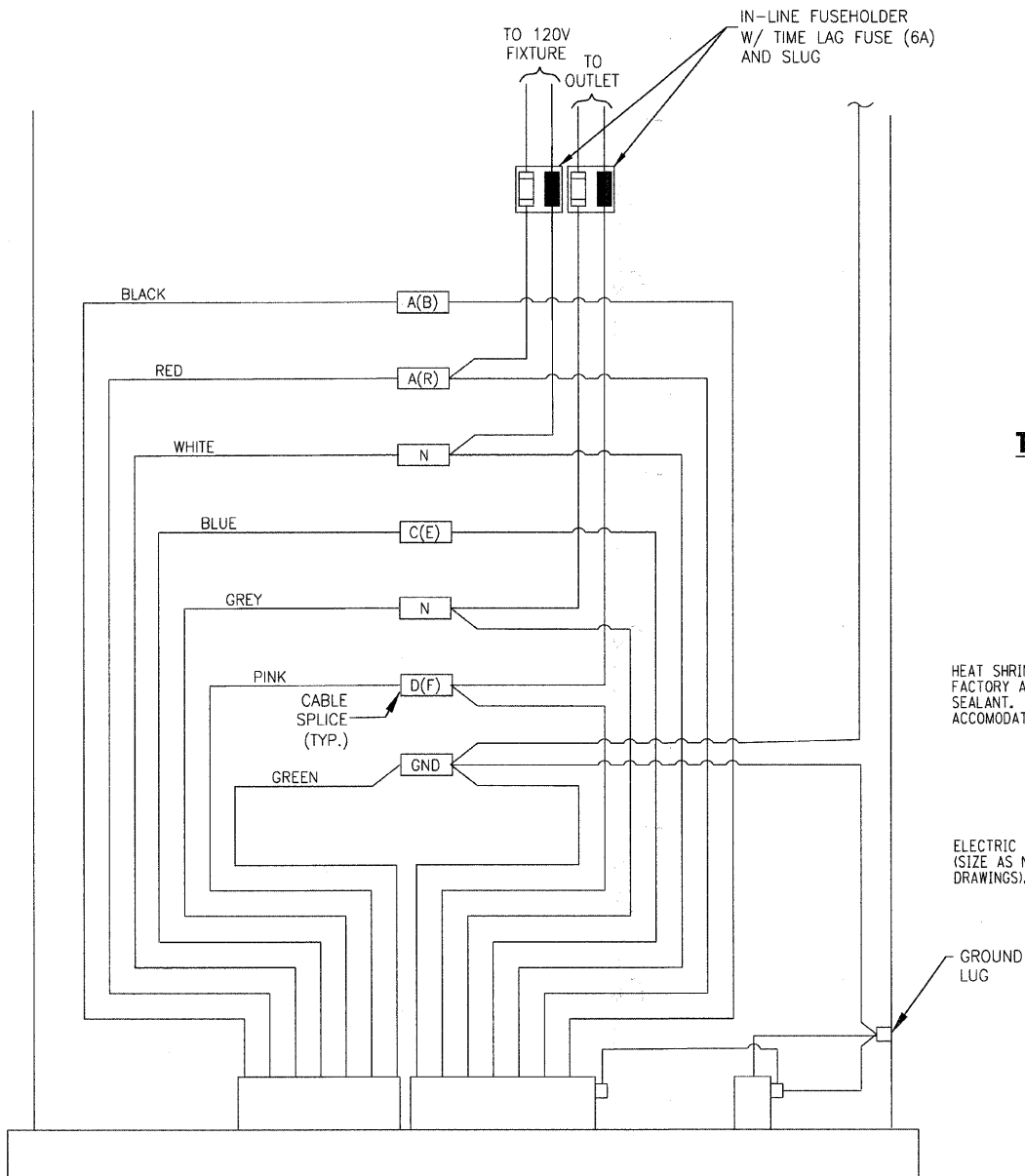
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	18
				CONTRACT NO. 63430
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT ARA-9003547				



240V POLE BASE WIRING DETAIL

NO SCALE

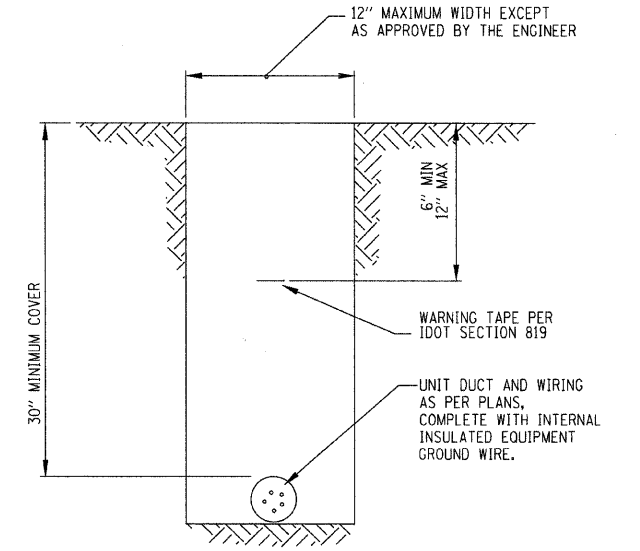
NOTE: ALTERNATE PHASE CIRCUITING OF FESTOONS AS SHOWN ON SINGLE LINE DIAGRAM (SHTS. 13 & 14).



120V POLE BASE WIRING DETAIL

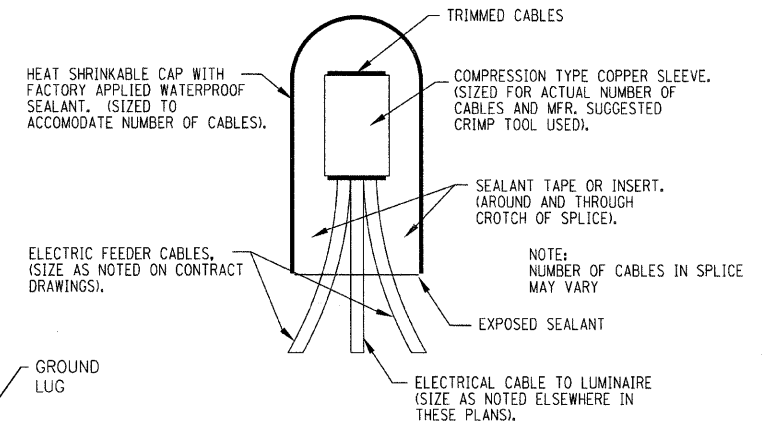
NO SCALE

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



TYPICAL WIRING IN TRENCH DETAIL

NO SCALE



**SPlicing ELECTRICAL CABLES
BASIC MATERIALS AND METHODS**

NO SCALE

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 1720/2010



DESIGNED - OKA	REVISED - IDOT REVIEW 11/23/09
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CHECKED - OKA	REVISED -
DATE - 10-16-2009	FILE - 091028-SL-details-1.sht

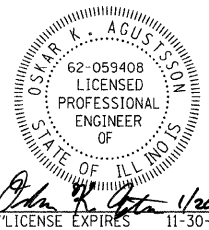
**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

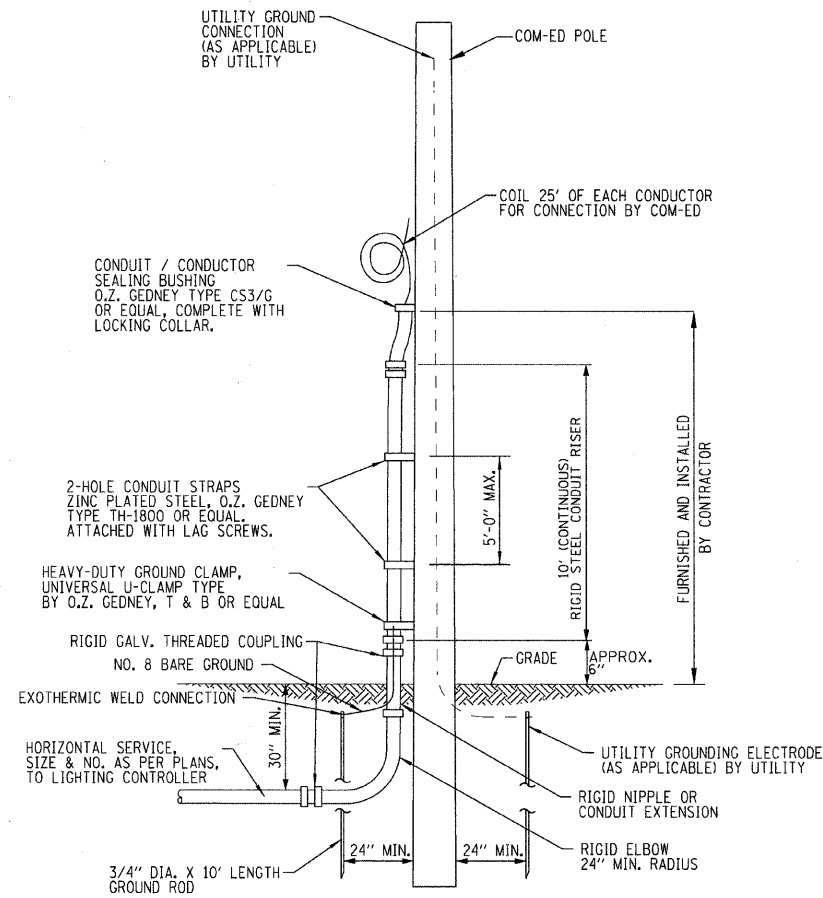
STREET LIGHTING DETAILS

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	19
C-91-285-10			CONTRACT NO. 63430	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003547				





NOTE: SEE COM-ED BOOK OF INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRICAL SERVICE, ILL.C.C. NO.9, MARCH 15, 1989, PAGE NO. 104.

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.

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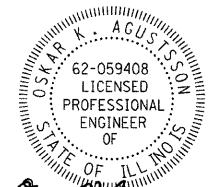
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DATE - 10-16-2009	FILE - 091028-SL-details-1.shd

**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

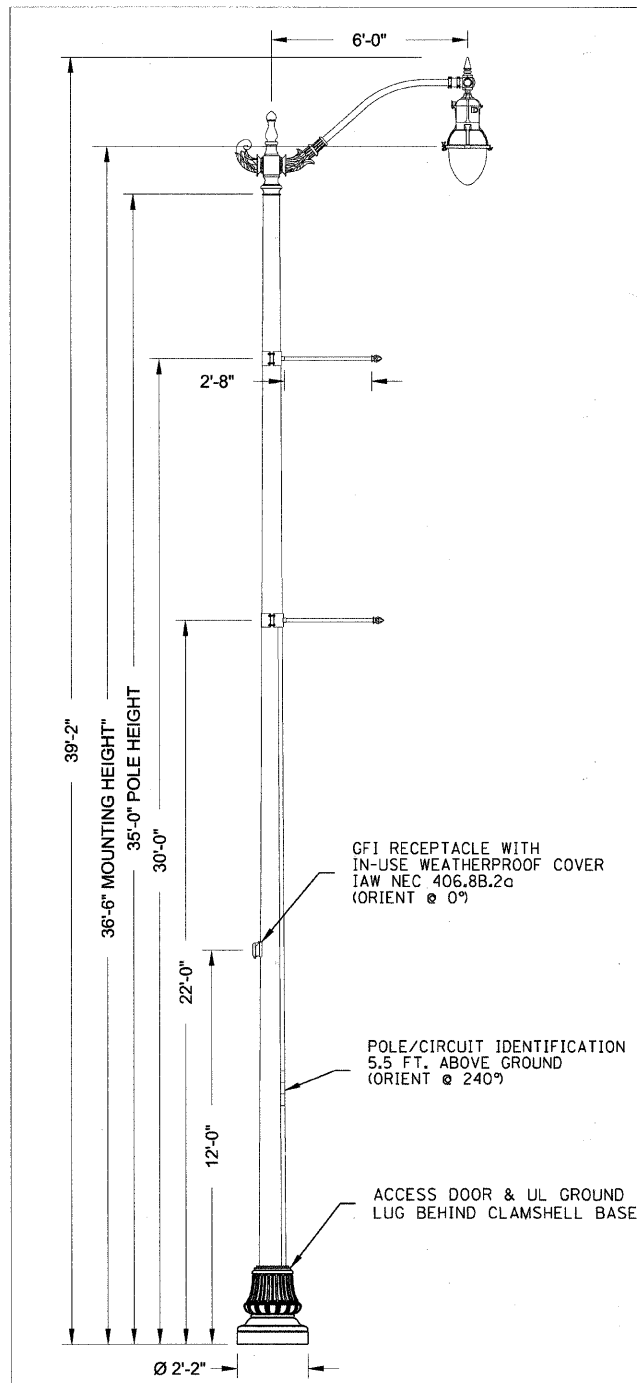
STREET LIGHTING DETAILS

SCALE: STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-LS	COOK	27	20
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003547				



Oskar K. Agustinson
"LICENSE EXPIRES 11-30-11"



Specifications

POLE DESCRIPTION
The aluminum post shall be one piece in construction and complete assembly will compose of a Ø24" clamshell base, mounted around the base, and a West Liberty series single roadway arm mounted atop the post. Two 32" clamp on banner arms and a duplex receptacle with small white in-use weatherproof cover will mount at specified heights and orientations.

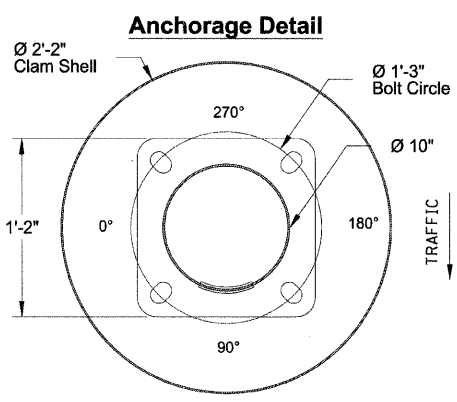
MATERIALS
Welds conform to applicable AWS structural welding code. Pole shaft is one piece, 6063 aluminum alloy, heat treated to a T6 temper. Pole base shall be 356 or A356 aluminum alloy, heat treated to a T6 temper after welding. A 2" x 4" minimum hand hole (covers and fasteners included) will mount 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
- 250 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"
<i>Clamp-On</i>		Shaft Ø
BA32A/1/CO-CA/BKH	180°	6.5"
BA32A/1/CO-CA/BKH	180°	7.5"



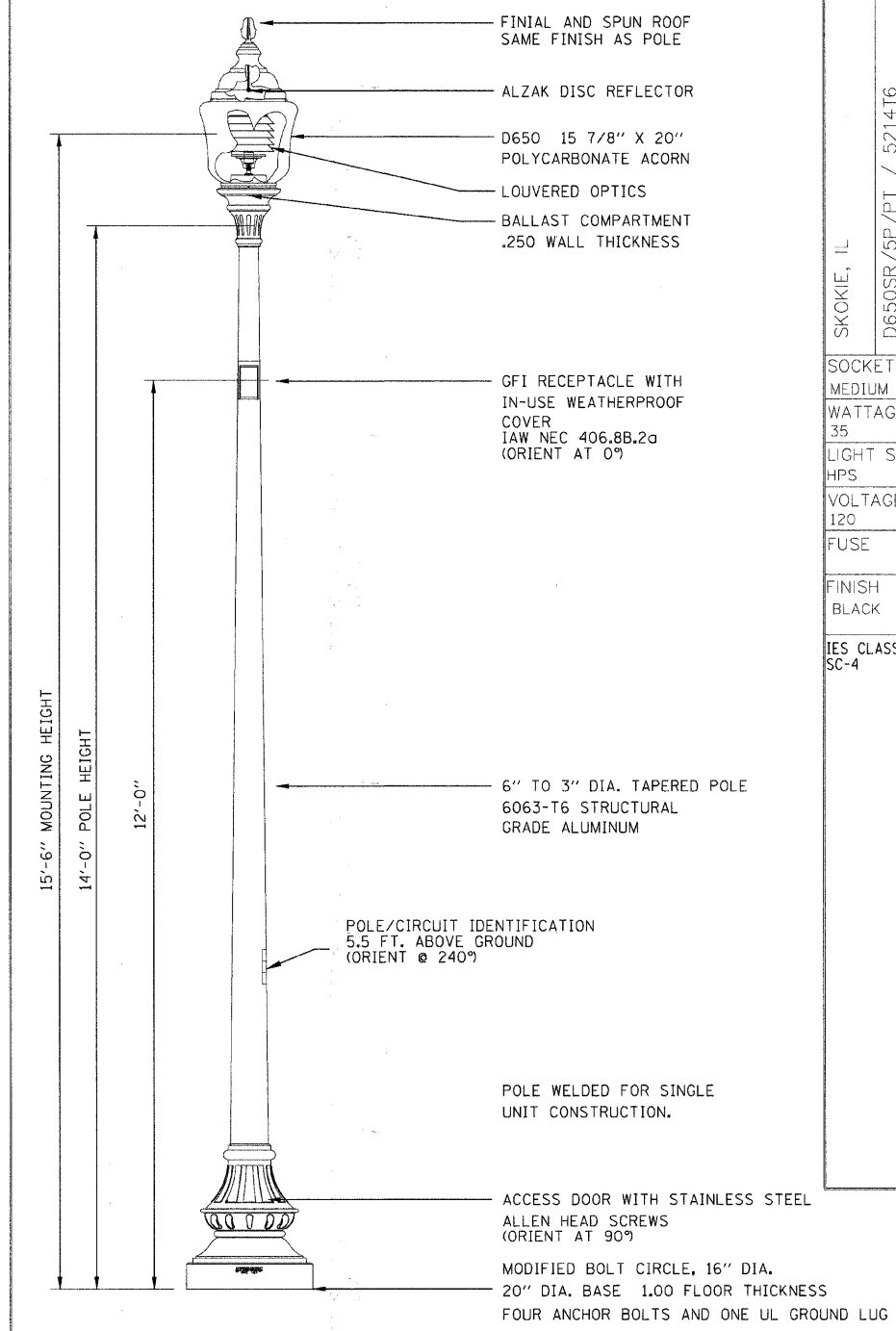
Catalog #'s:
(AOL-24615)RTA35G1C4-BKH - WLC72/1-CA/BKH - C26CSB-CA/BKH - (2)BA32A/1/CO-CA/BKH - HAP-FGIUS-SBKH - WLLF/200-SCA/BK - MPU250HPMCB4 PS



ORNAMENTAL STREET LIGHTING – SINGLE TEARDROP FIXTURE

NO SCALE

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

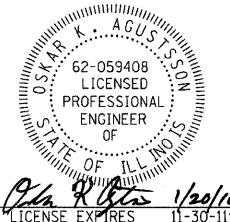
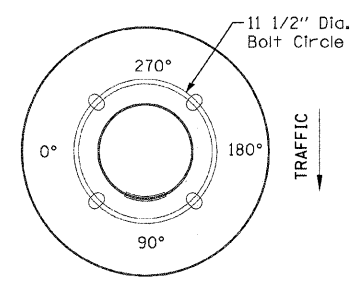


ORNAMENTAL STREET LIGHTING – SINGLE ACORN FIXTURE

NO SCALE

POLE HEIGHTS HAVE A TOLERANCE OF ± 1/8" - 2"	DRAWING NUMBER
SKOKIE, IL	SINCE 1923
D650SR/5P/PT / 5214T6	
STERNBERG	
SOCKET TYPE	MEDIUM
WATTAGE	35
LIGHT SOURCE	HPS
VOLTAGE	120
FUSE	
FINISH	BLACK
IES CLASSIFICATION	SC-4

ANCHORAGE DETAIL



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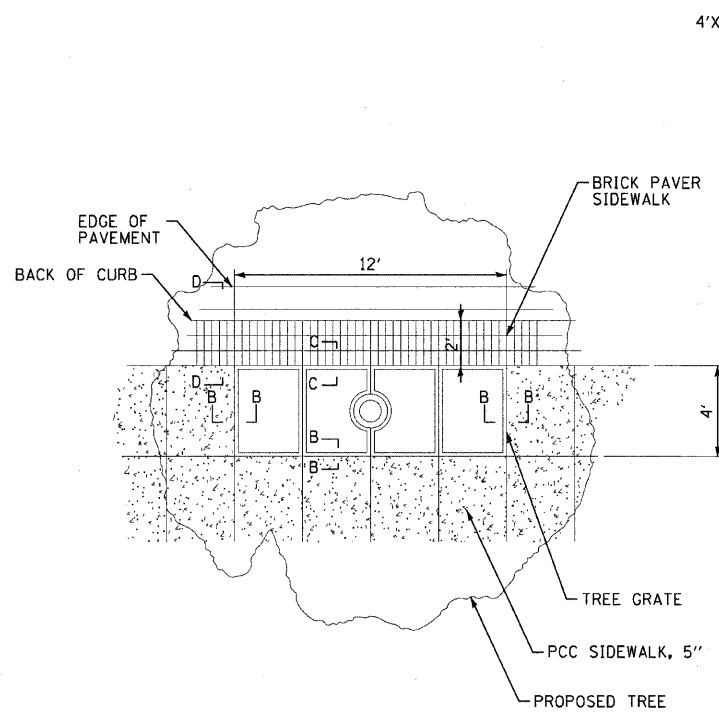
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CHECKED - OKA	REVISED -
DATE - 10-16-2009	FILE - 091028-SL-details-1.sht

**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

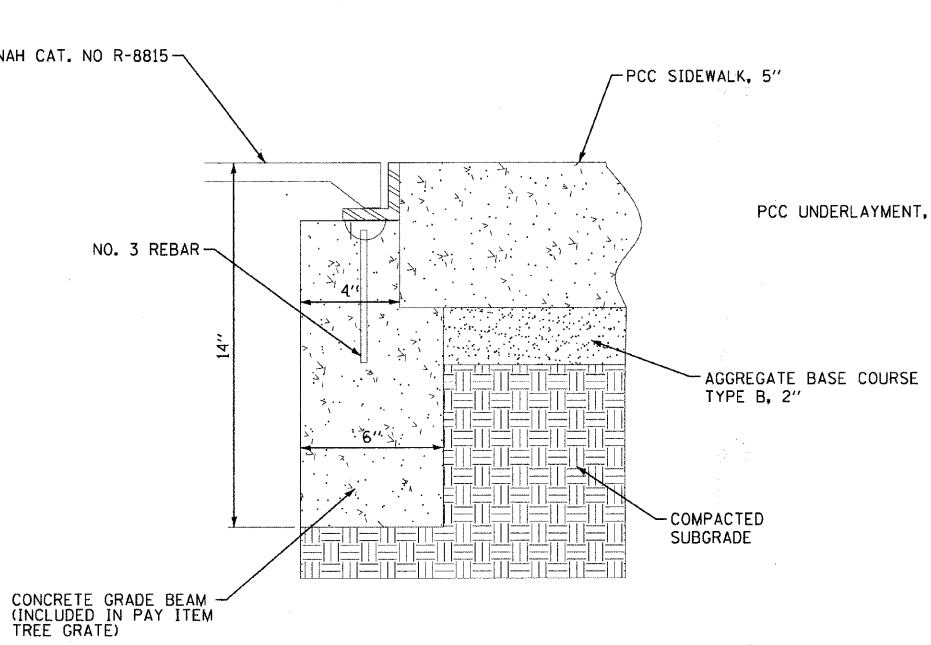
STREET LIGHTING DETAILS

SCALE: STA. TO STA.

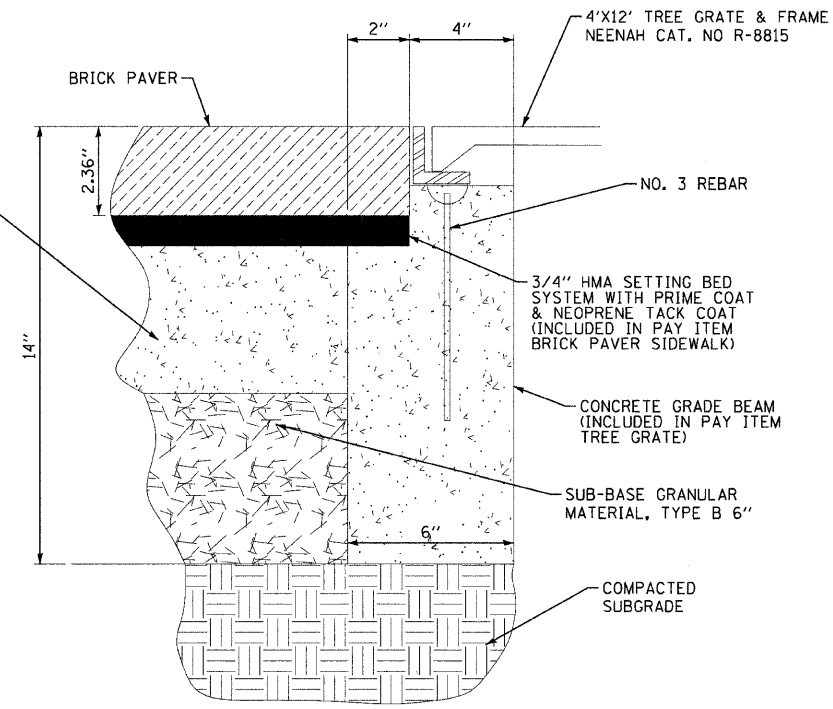
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350	09-00283-00-LS	COOK	27	21
C-91-285-10		CONTRACT NO. 63430		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003547				



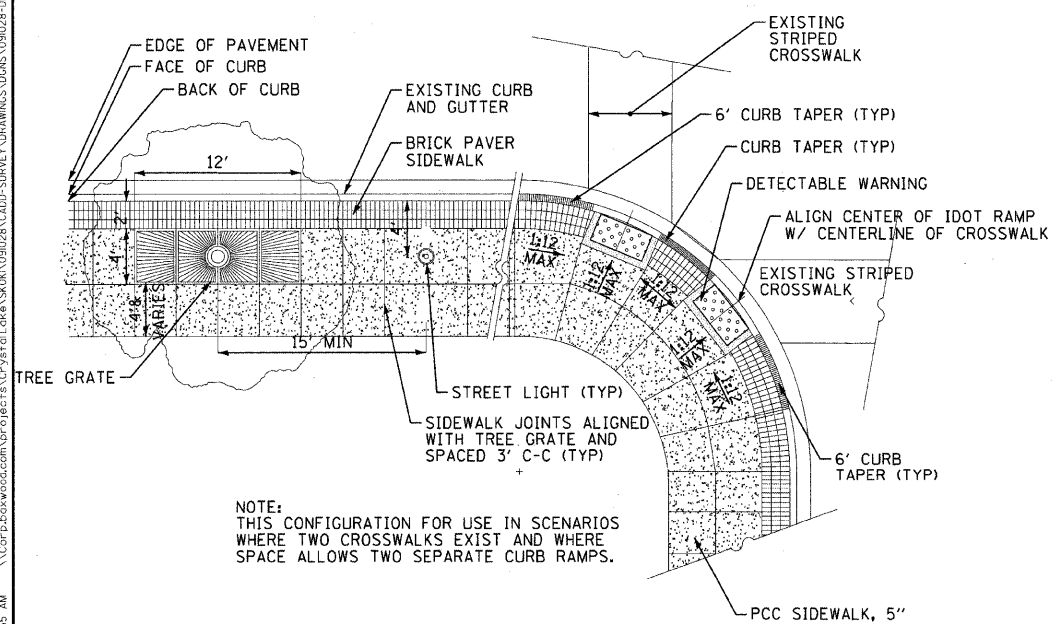
TREE GRATE REFERENCE DIAGRAM
NOT TO SCALE



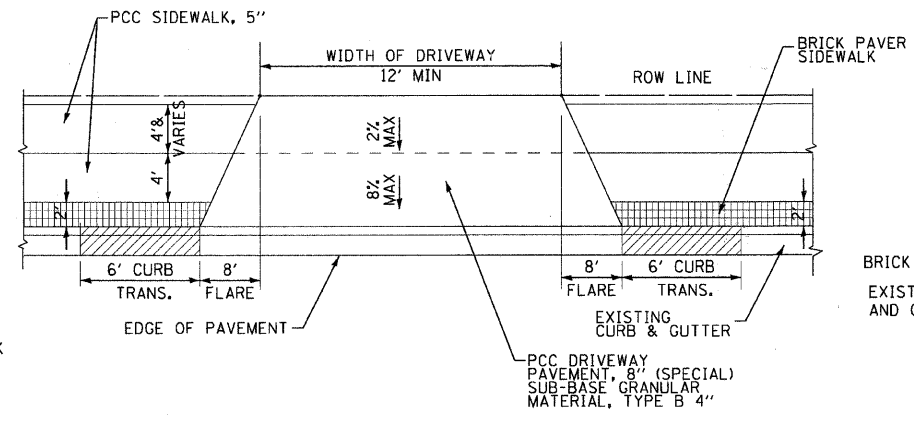
TREE GRATE TO NEW SIDEWALK - SECTION B-B
NOT TO SCALE



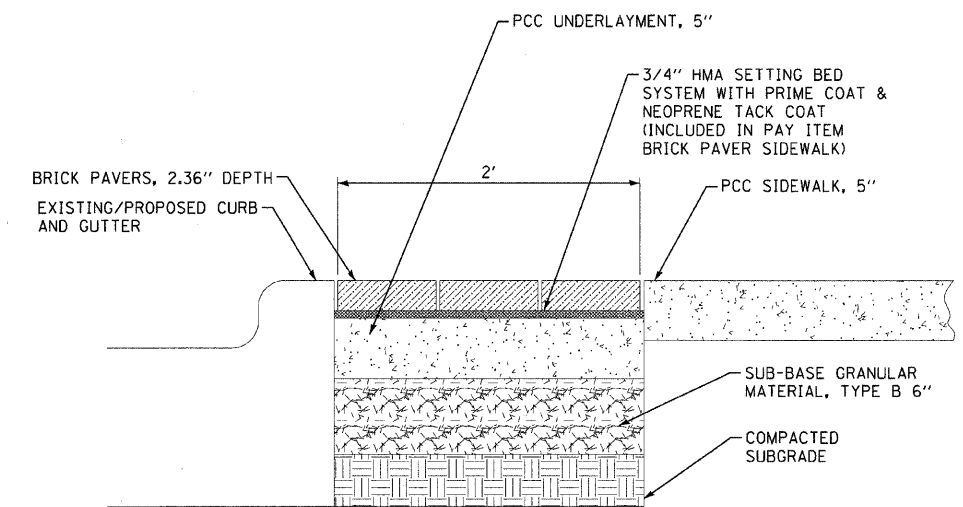
TREE GRATE TO NEW BRICK PAVER SIDEWALK - SECTION C-C
NOT TO SCALE



STREETSCAPE TYPICAL PLAN
NOT TO SCALE



TYPICAL DRIVEWAY DETAIL
NOT TO SCALE



BRICK PAVER SIDEWALK - SECTION D-D
NOT TO SCALE

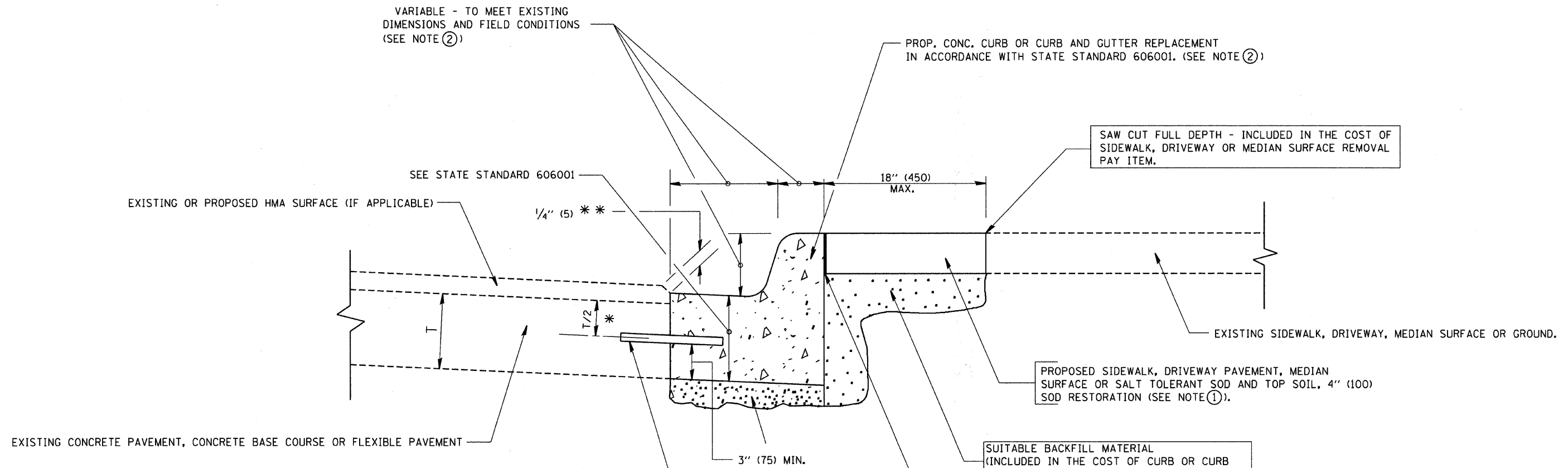
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 LICENSE NO. 004-00129 - EXPIRES 4/30/2011
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DRAWN -	RKM/CJC/MAC	REVISED -	
CHECKED -	MDW	REVISED -	
DATE -	10-16-2009	FILE -	091028-DETAILS.sht

**VILLAGE OF SKOKIE, ILLINOIS
U.S. ROUTE 41 (SKOKIE BOULEVARD)
STREETSCAPE IMPROVEMENTS**

SCALE: NONE		STA. TO STA.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				350	09-00283-00-LS	COOK	27	22
				C-91-285-10		CONTRACT NO. 63430		
				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(547)				



- * 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.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ 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.

⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ 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.

⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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

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

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

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

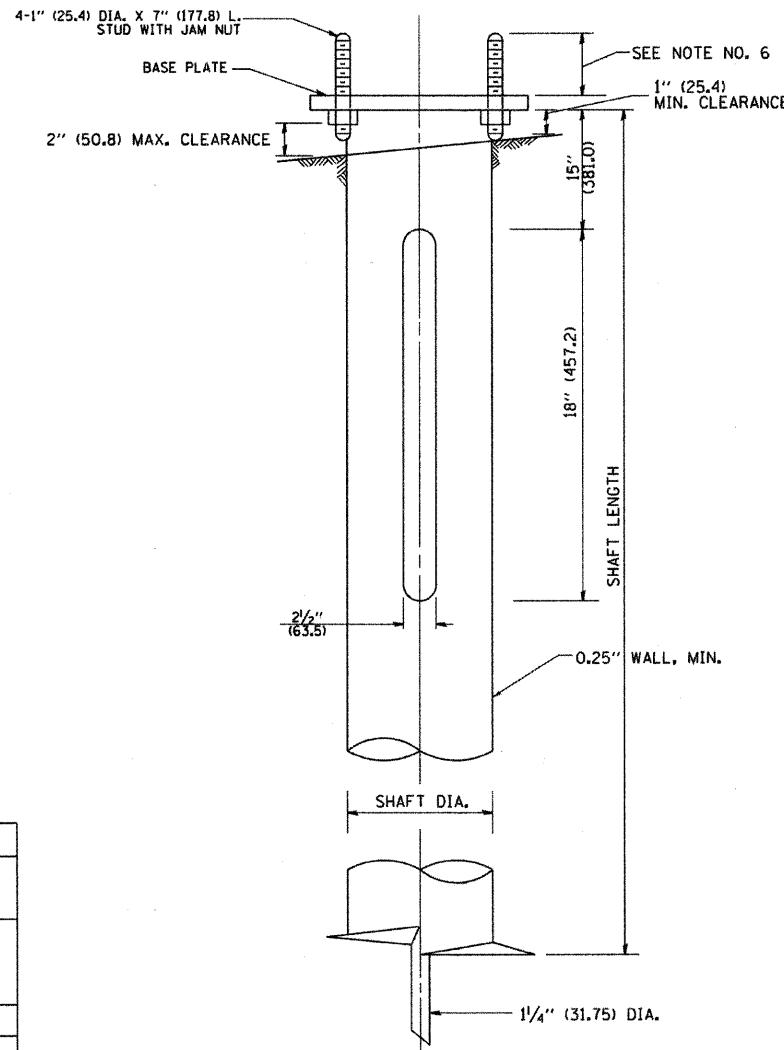
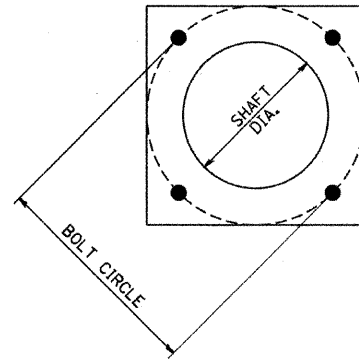
BASIS OF PAYMENT:

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME = W:\diststd\22x34\bd24.dgn	USER NAME = gaglianobt	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A.P. RTE. 350	SECTION 09-00283-00-LS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 23
PLOT SCALE = 50,000 / IN.	CHECKED -	REVISOR - A. ABBAS 03-21-97	REVISOR - M. GOMEZ 01-22-01		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003 (547)		
PLOT DATE = 1/4/2008	DATE - 03-11-94	REVISOR - R. BORO 01-01-07						BD600-06 (BD-24)			CONTRACT NO. 63430	
C-91-285-10												



NOTES:

1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

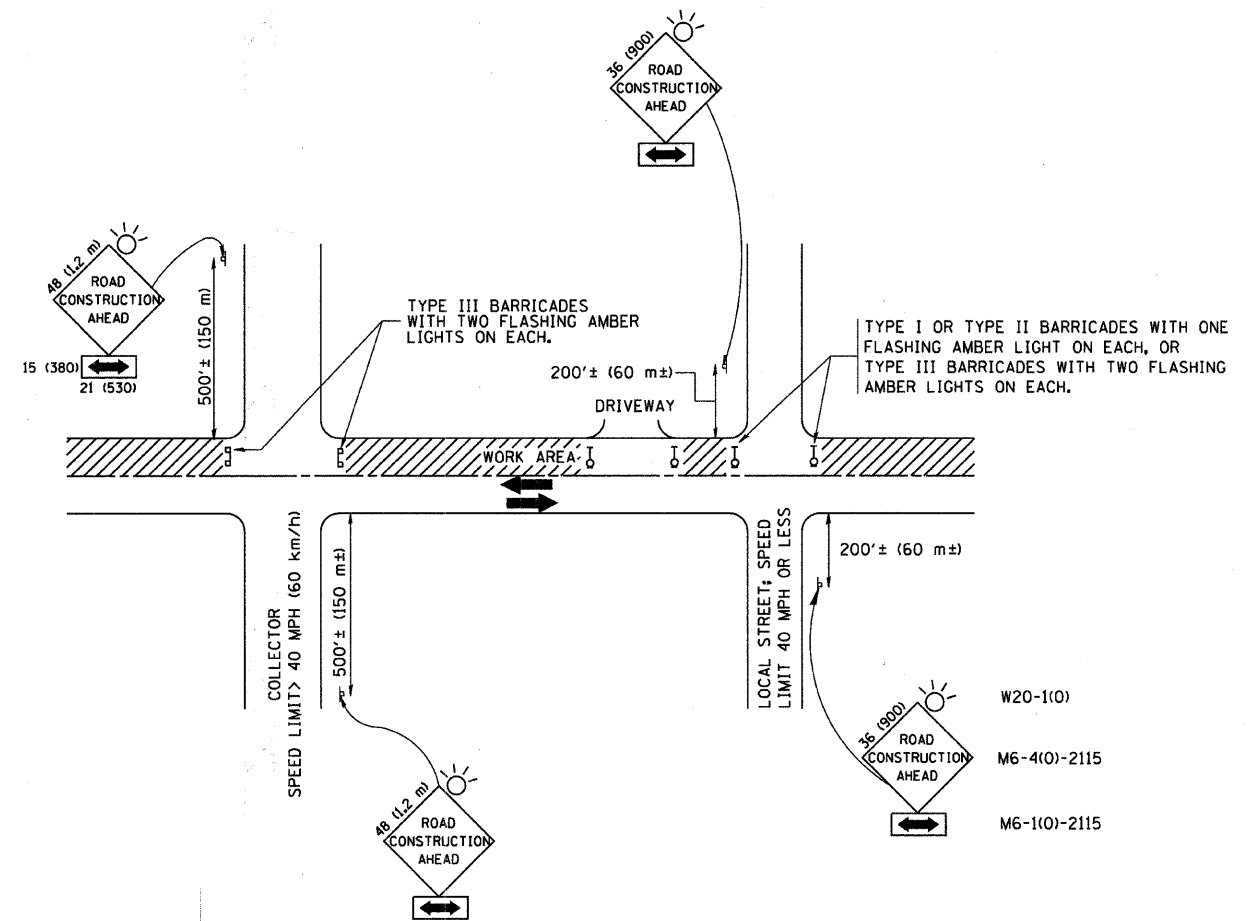
HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
36 FT.-40 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
41 FT.-45 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1 1/4"

METAL HELIX FOUNDATION MATERIALS

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

FILE NAME = W:\distsd\22x34\be305.dgn	USER NAME = geglianob	DESIGNED - DLB	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHT POLE FOUNDATION, METAL				F.A. RTE. 350	SECTION 09-00283-00-LS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 23A
PLOT SCALE = 50.000 / IN.	CHECKED -	REVISIONS	SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.				BE-305		CONTRACT NO. 63430				
PLOT DATE = 1/4/2008	DATE - 02-27-07	REVISIONS	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT ARA-9003 (547)										
C-91-285-10													



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

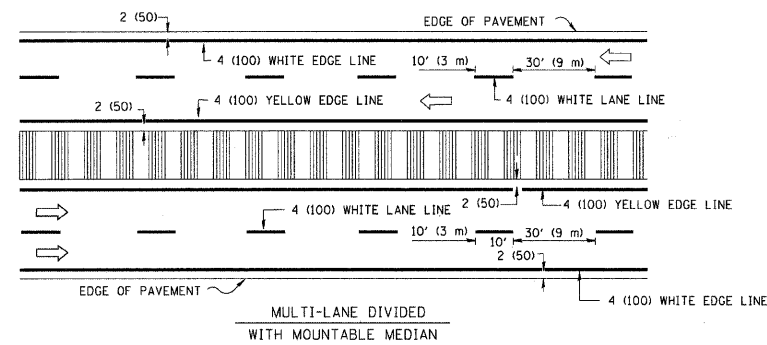
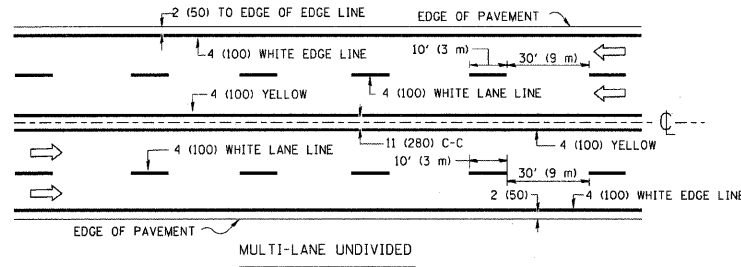
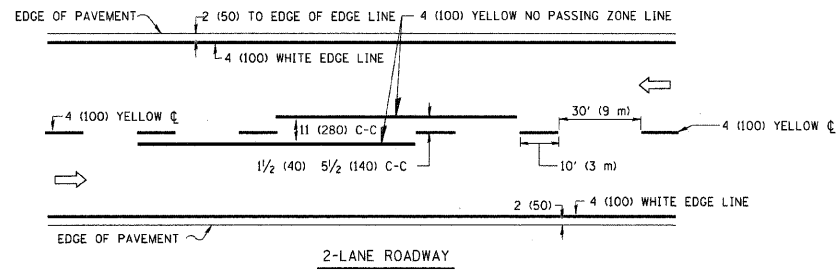
All dimensions are in millimeters (inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 "/ IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

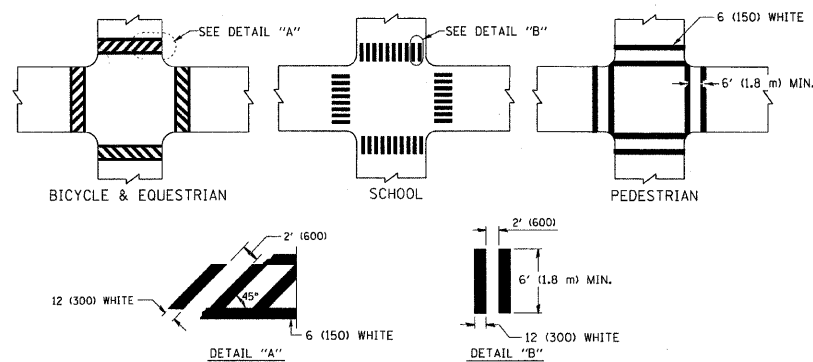
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	09-00283-00-1S	COOK	27	24
TC-10			CONTRACT NO. 63430	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003 (547)				

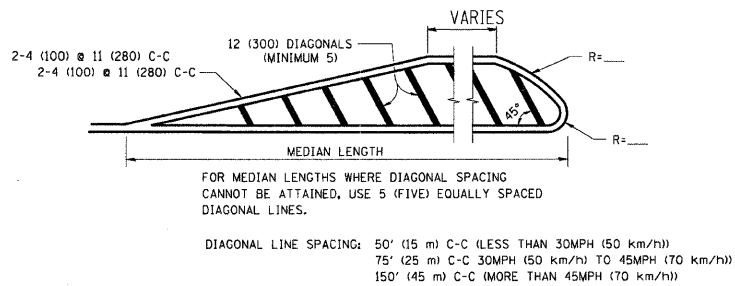
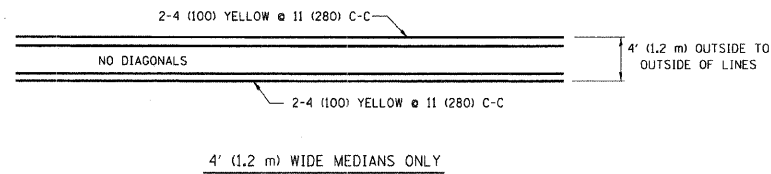


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

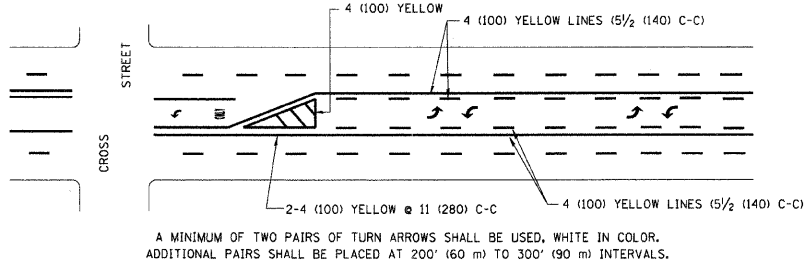
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

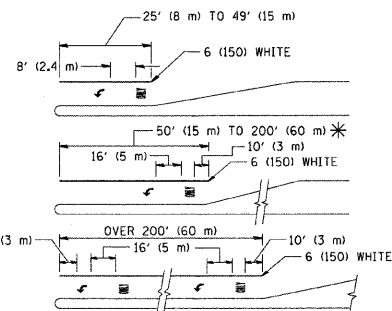


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

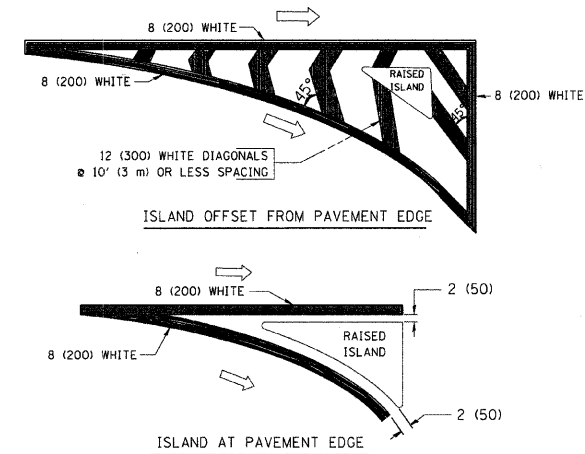


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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))

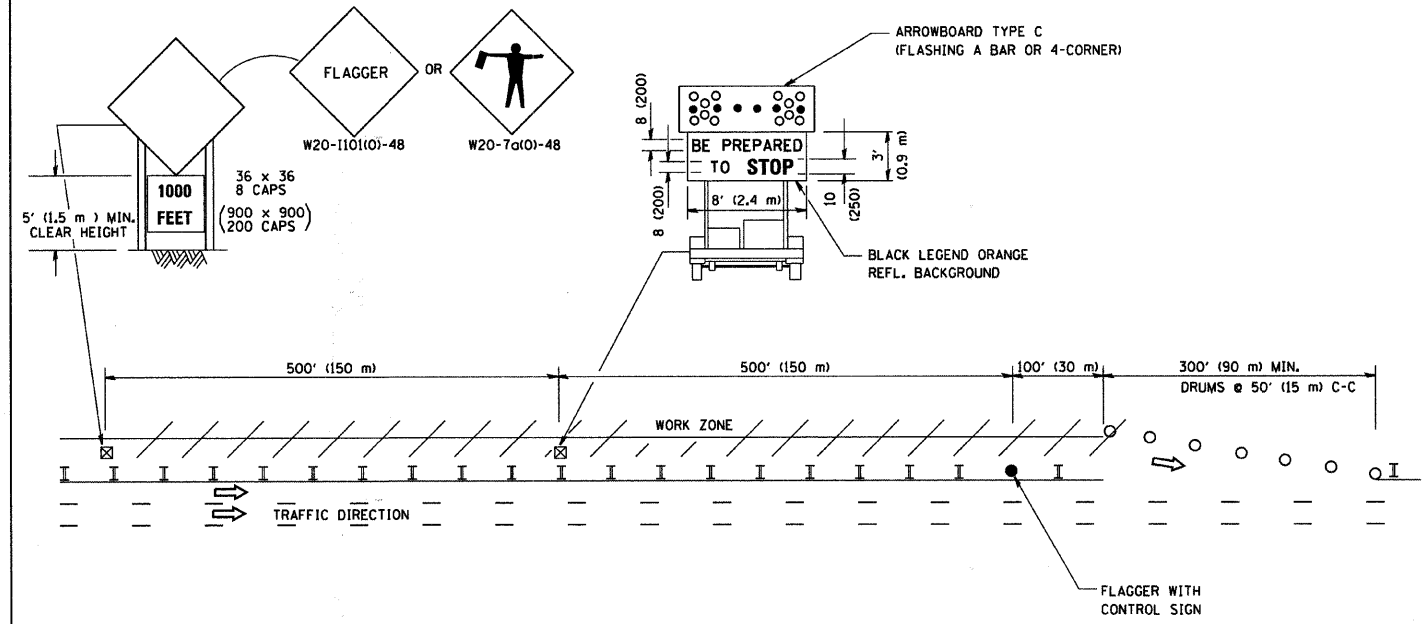
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

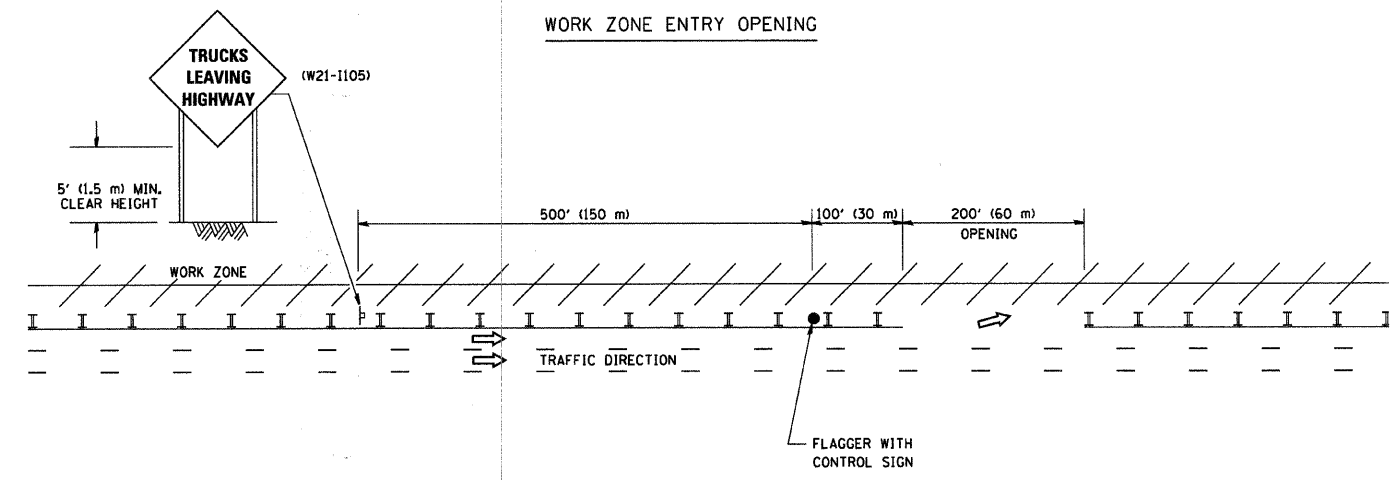
FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED -T, RAMMACHER 10-27-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\drivakosgn\d0108315\td3.dgn		DRAWN -	REVISED -C, JUCIUS 09-09-09			350	09-00283-00-LS	COOK	27	25
PLOT SCALE = 50,000 "/ IN.		CHECKED -	REVISED -			TC-13		CONTRACT NO. 63430		
PLOT DATE = 9/9/2009		DATE - 03-19-90	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003 (547)

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING

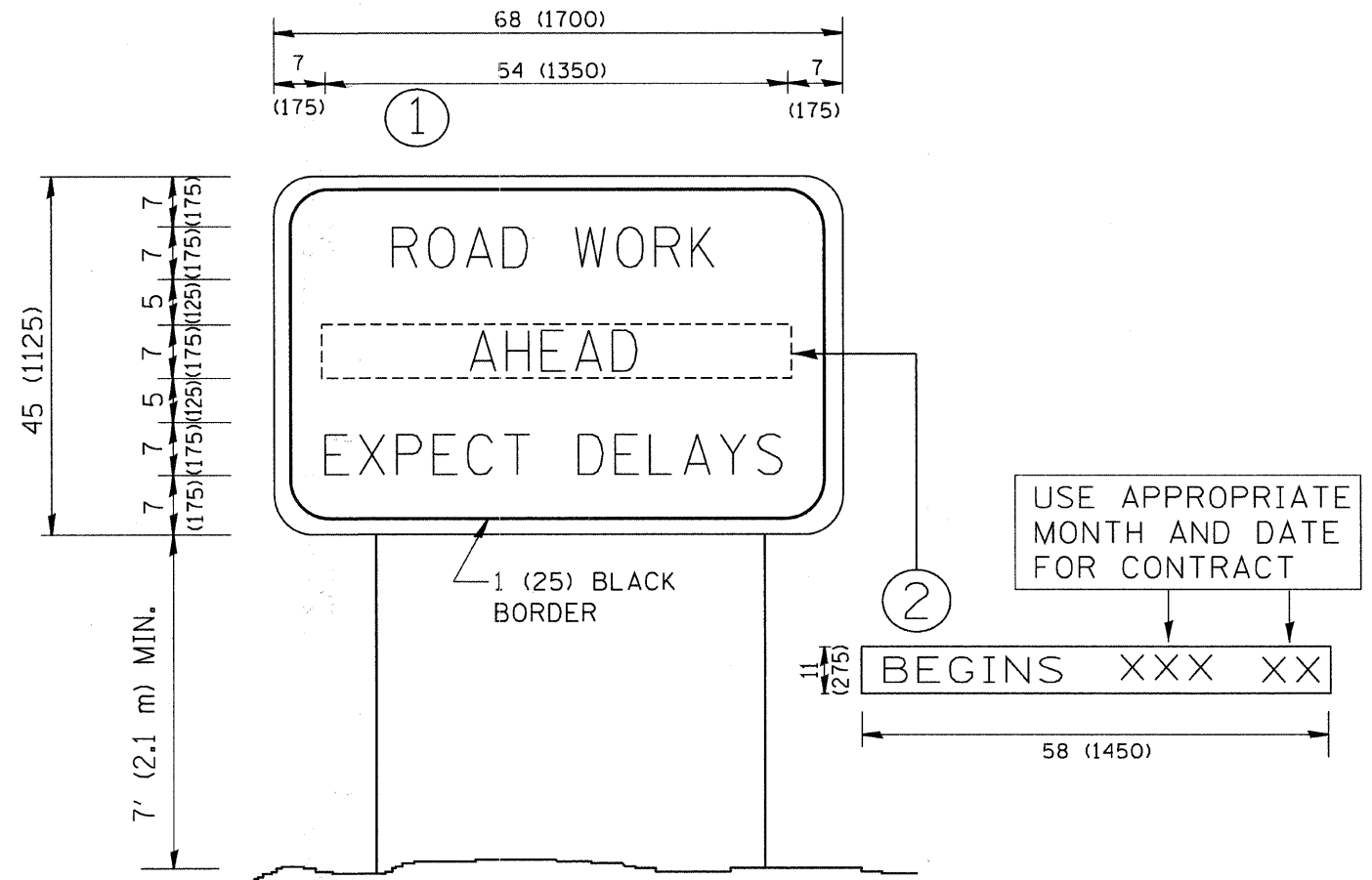


NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted 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.
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

FILE NAME = W:\diststd\22x34\1c18.dgn	USER NAME = geglianobt	DESIGNED -	REVISED - D.W.S. 08-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS			F.A.P. RTE. 350	SECTION 09-00283-00-LS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 26
	PLOT SCALE = 50,000 / IN.	DRAWN -	REVISED - J.A.F. 04-03		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT ARA-9003 (547)		
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - J.A.F. 02-06					TC-18			CONTRACT NO. 63430	
		DATE -	REVISED - S.P.B. 01-07					C-91-285-10				



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 = W:\diststd\22x34\to22.dgn	USER NAME = geglinoht	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.P. RTE. 350	SECTION 09-00283-00-LS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 27
	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. 63430	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT ARA-9003 (547)							
		DATE -	REVISED - C. JUCIUS 01-31-07		C-91-285-10							