

INDEX OF SHEETS

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STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
701301-04	LANE CLOSURE, 2L 2W SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, SW MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- THE LIMITS OF REMOVAL AND/OR REPLACEMENT PAY ITEMS WILL BE MARKED IN THE FIELD BY THE ENGINEER.
- THE LOCATION OF THE PROPOSED BUS SHELTER STRUCTURES WILL BE MARKED IN THE FIELD BY THE ENGINEER.
- THE EXISTING BUS SHELTER STRUCTURES WILL BE REMOVED BY OTHERS PRIOR TO THE START OF CONSTRUCTION.
- THE INSTALLATION OF THE NEW BUS SHELTER STRUCTURES WILL BE PERFORMED BY OTHERS.
- EXISTING STREET FURNITURE INCLUDING, BUT NOT LIMITED TO MAILBOXES, NEWSPAPER BOXES, STREETScape FURNITURE, AND REFUSE CONTAINERS WILL BE REMOVED BY OTHERS AND THEN REPLACED BY OTHERS.
- WHERE APPLICABLE, AND AT THE SOLE DISCRETION OF THE ENGINEER, GULFBOX JUNCTIONS MAY BE PLACED IN THE SODDED PARKWAY ADJACENT TO THE NEW P.C. CONCRETE SIDEWALK BUS SHELTER PAD. PAY ITEM QUANTITIES WILL BE ADJUSTED ACCORDINGLY.
- THE CONTRACTOR SHALL ACCESS THE JOB SITE FROM THE ADJACENT VILLAGE OF OAK PARK OWNED PARKING LOT. EQUIPMENT, MATERIAL AND LABOR IS TO STAY OFF OF THE HARLEM AVE. PAVMENT WHENEVER POSSIBLE.
- TWO TYPES OF BUS SHELTER STRUCTURES WILL BE USED ON THIS PROJECT. ONE BUS SHELTER STRUCTURE IS OF A CANTILEVERED ROOF DESIGN AND HAS A FOOTPRINT OF APPROXIMATELY 3 FEET X 8 FEET. THE OTHER BUS SHELTER STRUCTURE IS OF A STANDARD ROOF DESIGN AND HAS A FOOTPRINT OF APPROXIMATELY 6 FEET X 12 FEET.
- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2007.
- THE CONTRACTOR SHALL FURNISH AND INSTALL OVERCURRENT PROTECTION, INCLUDING FUSE HOLDERS AND FUSES, AS SHOWN ON THE PLAN DETAILS. MATERIAL AND INSTALLATION SHALL COMPLY WITH SECTION 1065.01 OF THE STANDARD SPECIFICATIONS. OVERCURRENT PROTECTION, INCLUDING FUSE HOLDERS AND FUSES, SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE ELECTRIC CABLE PAY ITEM.

GENERAL NOTES (CONTINUED)

- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE/SHE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK. OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES, FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE, IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) FOR LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

STORM SEWERS, WATER MAINS AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION ADJUSTMENT OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS BASED ON BEST AVAILABLE RECORD DATA. THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF VARIOUS STORM SEWER ITEMS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE VILLAGE OF OAK PARK FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES FOR PROPOSED AND ADJUSTED STRUCTURES.

TRAFFIC CONTROL


SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	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 PG70-22" 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.

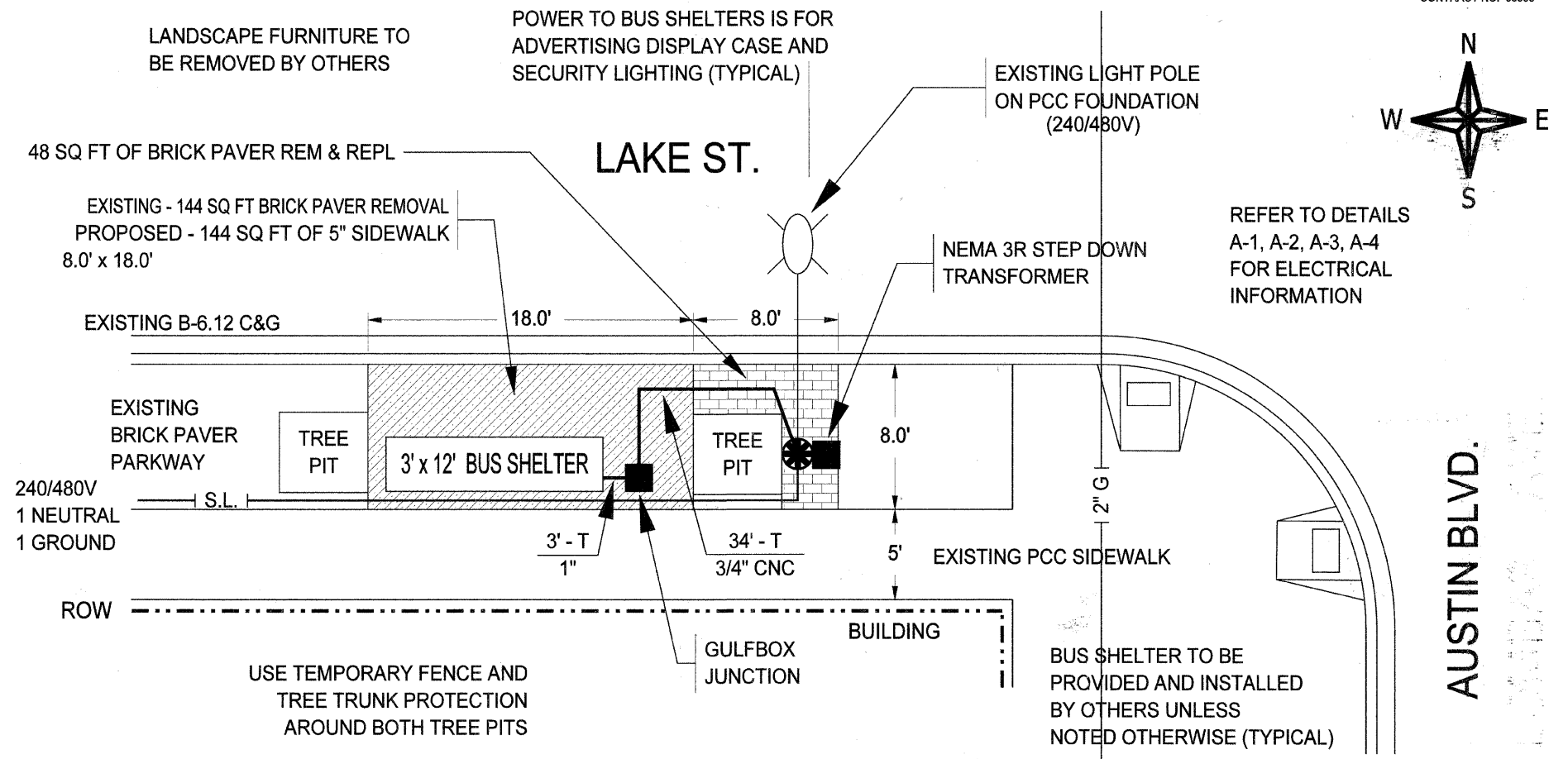
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#FILES#		DRAWN - LB	REVISED -				348	10-00251-00-MS	COOK	16	2
	PLOT SCALE = #SCALE#	CHECKED - LB	REVISED -		SHEET NO. IDX OF TOT SHEETS		STA.	TO STA.		CONTRACT NO. 63538	
	PLOT DATE = #DATE#	DATE - OCTOBER 2010	REVISED -		ILLINOIS FED. AID PROJECT						

SUMMARY OF QUANTITIES

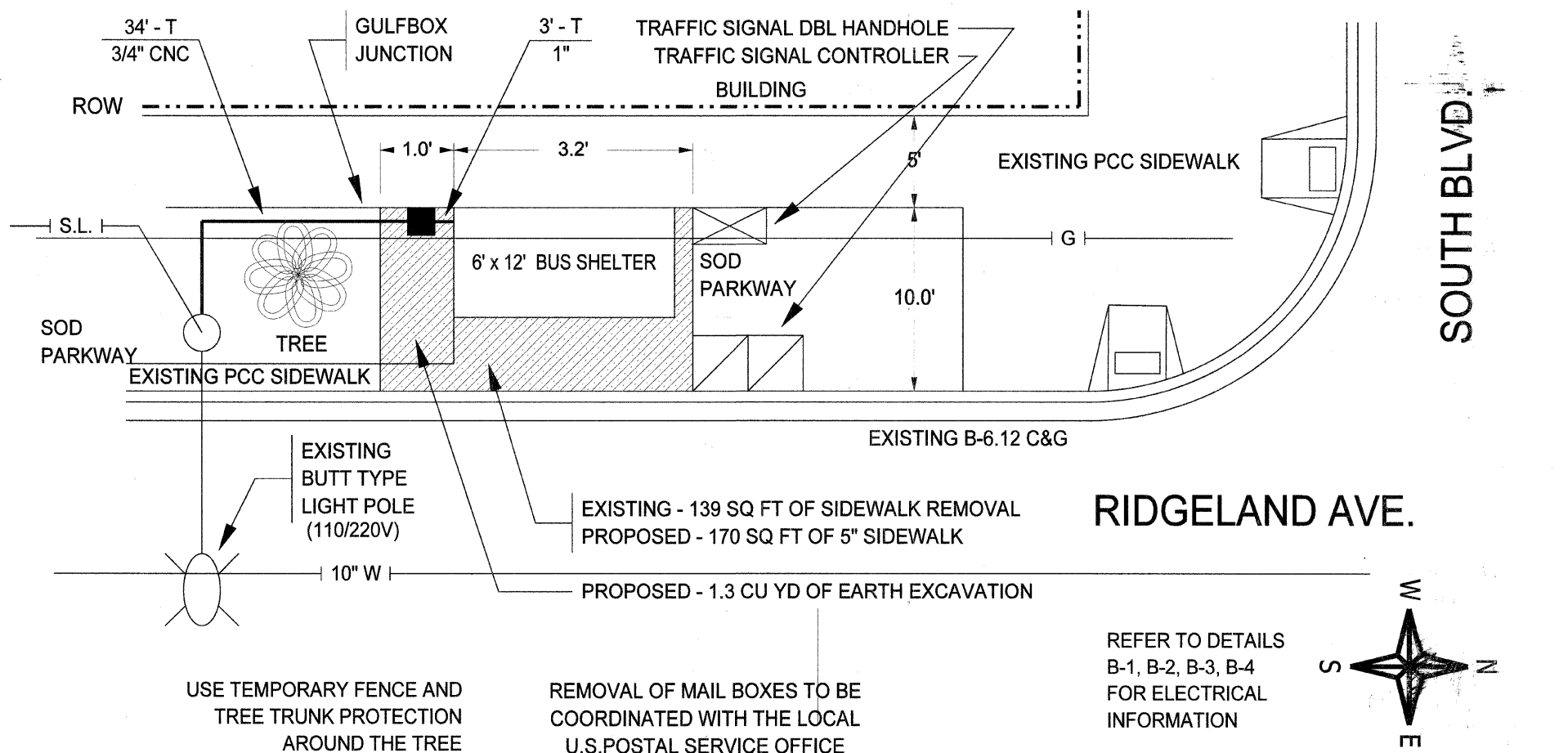
SPECIALTY ITEM	Pay Item Number	Pay Item	Unit	0021	Lake	Ridgeland	Lake	Lake	North Blvd	Harlem	Lake	Madison	Madison	Madison	Madison
				Total	Austin	South Blvd	Lombard	East	Harlem	South Blvd	Cuyler	Oak Park	East	Lombard	Austin
				Quantity	1	2	3	4	5	6	7	8	9	10	11
	20101000	TEMPORARY FENCE	FOOT	112	32.00	16.00	0.00	0.00	0.00	0.00	32.00	0.00	16.00	0.00	16.00
	20101100	TREE TRUNK PROTECTION	EACH	7	2.00	1.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00	0.00	1.00
	31102200	SUB-BASE GRANULAR MATERIAL, TYPE C 5"	SQ YD	436	20.00	18.90	26.60	26.60	39.00	75.50	70.90	58.30	29.50	45.10	25.30
	42400800	DETECTABLE WARNINGS	SQ FT	24	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	8.00	0.00
	44000100	PAVEMENT REMOVAL	SQ YD	54	0.00	0.00	0.00	0.00	0.00	54.00	0.00	0.00	0.00	0.00	0.00
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
	67100100	MOBILIZATION	LSUM	1	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
	81000300	CONDUIT IN TRENCH, 1" DIA., GALVANIZED STEEL	FOOT	62	3.00	3.00	3.00	3.00	21.00	12.00	3.00	3.00	5.00	3.00	3.00
	81017505	CONDUIT IN TRENCH, 3/4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	159	34.00	34.00	0.00	29.00	0.00	0.00	0.00	28.00	34.00	0.00	0.00
	81028020	CONDUIT, BORED AND PULLED, COILABLE NON- METALLIC CONDUIT, 3/4"	FOOT	360	0.00	0.00	38.00	0.00	98.00	57.00	84.00	0.00	0.00	33.00	50.00
	81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2,826	232.00	174.00	247.00	212.00	488.00	324.00	432.00	156.00	174.00	171.00	216.00
	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	170	25.00	25.00	3.00	17.00	16.00	10.00	3.00	19.00	25.00	6.00	21.00
	X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	15	0.00	1.30	0.00	0.00	0.00	0.00	4.60	0.00	7.30	0.00	0.00
	X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	104	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	3,970	144.00	170.00	240.00	240.00	351.00	762.00	638.00	525.00	266.00	406.00	228.00
	X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	50	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	10.00	0.00
	X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	2,700	0.00	139.00	240.00	240.00	351.00	282.00	488.00	525.00	29.00	406.00	0.00
	XX000406	BRICK PAVER REMOVAL AND REPLACEMENT	SQ FT	156	48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.00
	XX001621	BRICK PAVER REMOVAL	SQ FT	372	144.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	228.00
	XX002208	6" DIAMETER PIPE BOLLARD, CONCRETE FILLED	EACH	11	0.00	0.00	0.00	0.00	0.00	11.00	0.00	0.00	0.00	0.00	0.00
	XX003689	BUS SHELTER	EACH	1	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
	XX007278	PARKWAY RESTORATION	SQ YD	104	0.00	16.30	8.00	3.30	0.00	8.30	34.60	14.00	19.30	0.00	0.00
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00
	XX008539	STEP DOWN TRANSFORMER, 1.0 KVA	EACH	5	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
	XX008540	STEP DOWN TRANSFORMER, 2.0 KVA	EACH	2	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00



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	PLOT SCALE = 1" = 4'	CHECKED BY: BUDRICK	REVISED:
	PLOT DATE = FEB 25, 2011	DATE: MAR 2, 2011	REVISED:



VILLAGE OF OAK PARK

PROPOSED

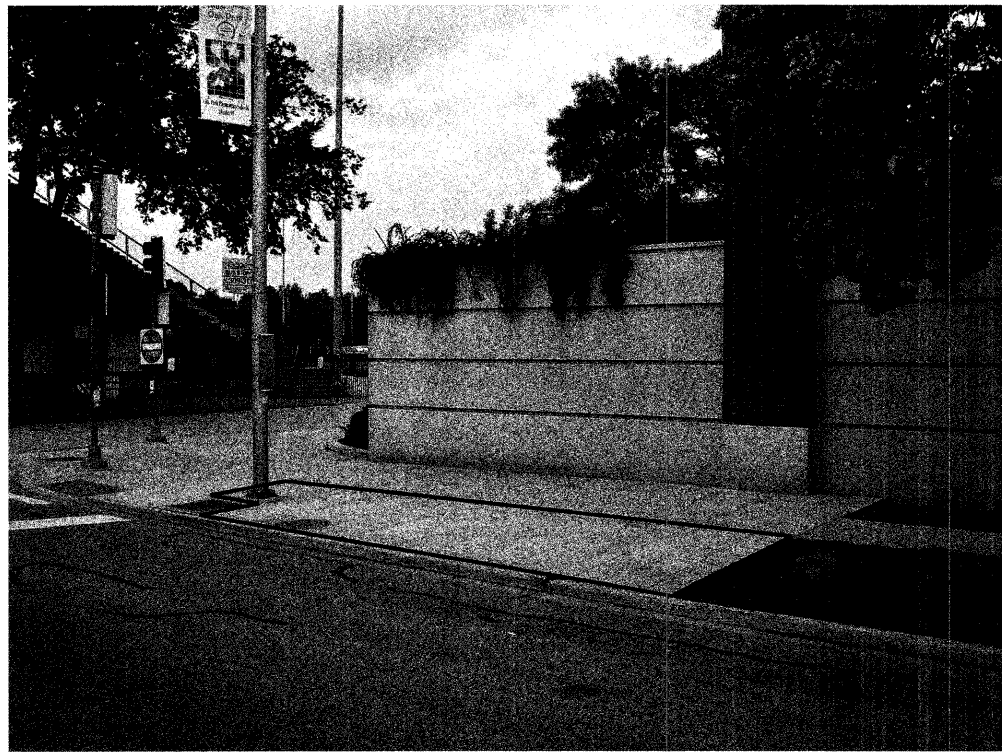
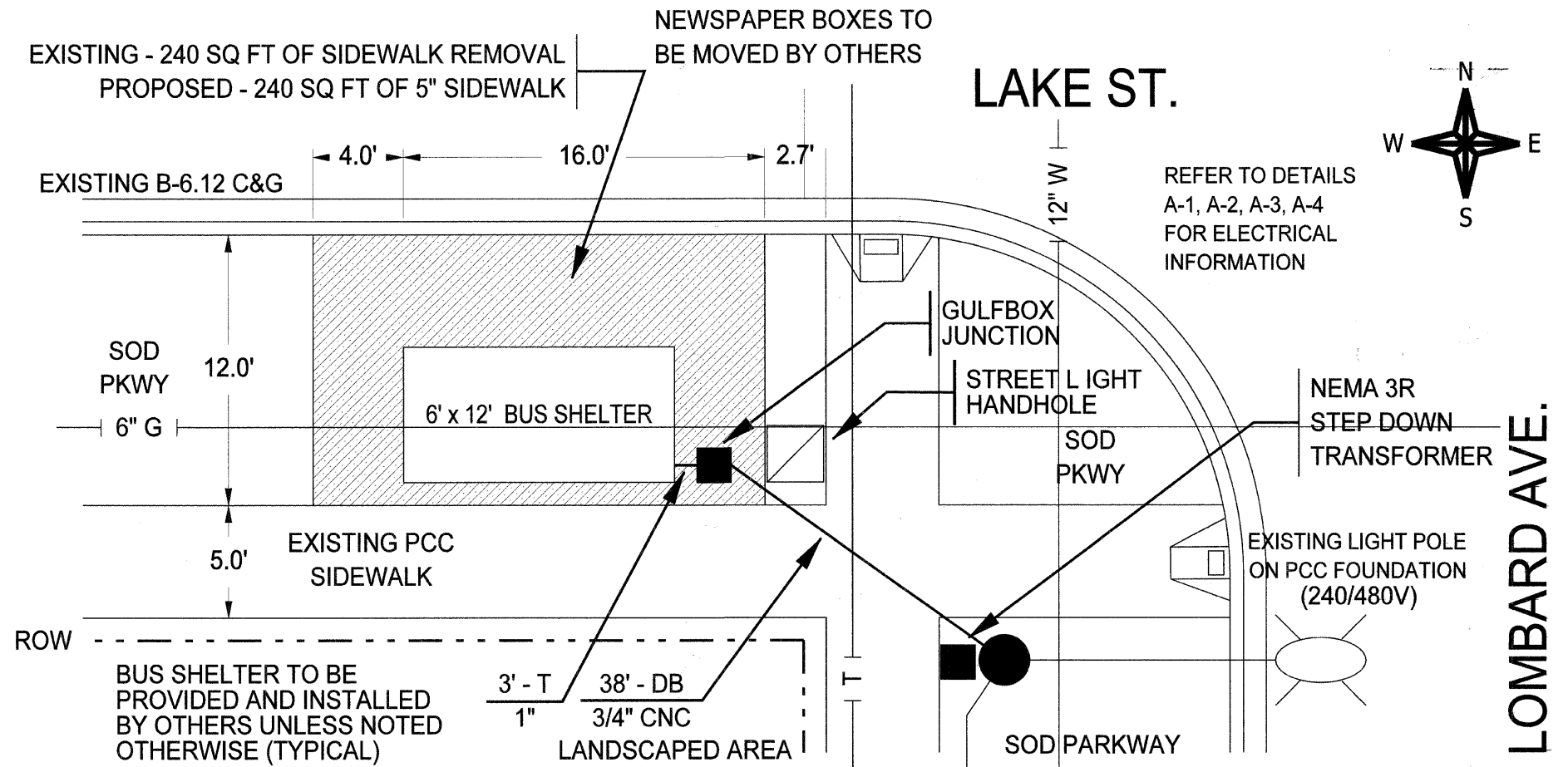
- 1. - LAKE ST. AND AUSTIN BLVD.
- 2. - RIDGELAND AVE. AND SOUTH BLVD.

SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.
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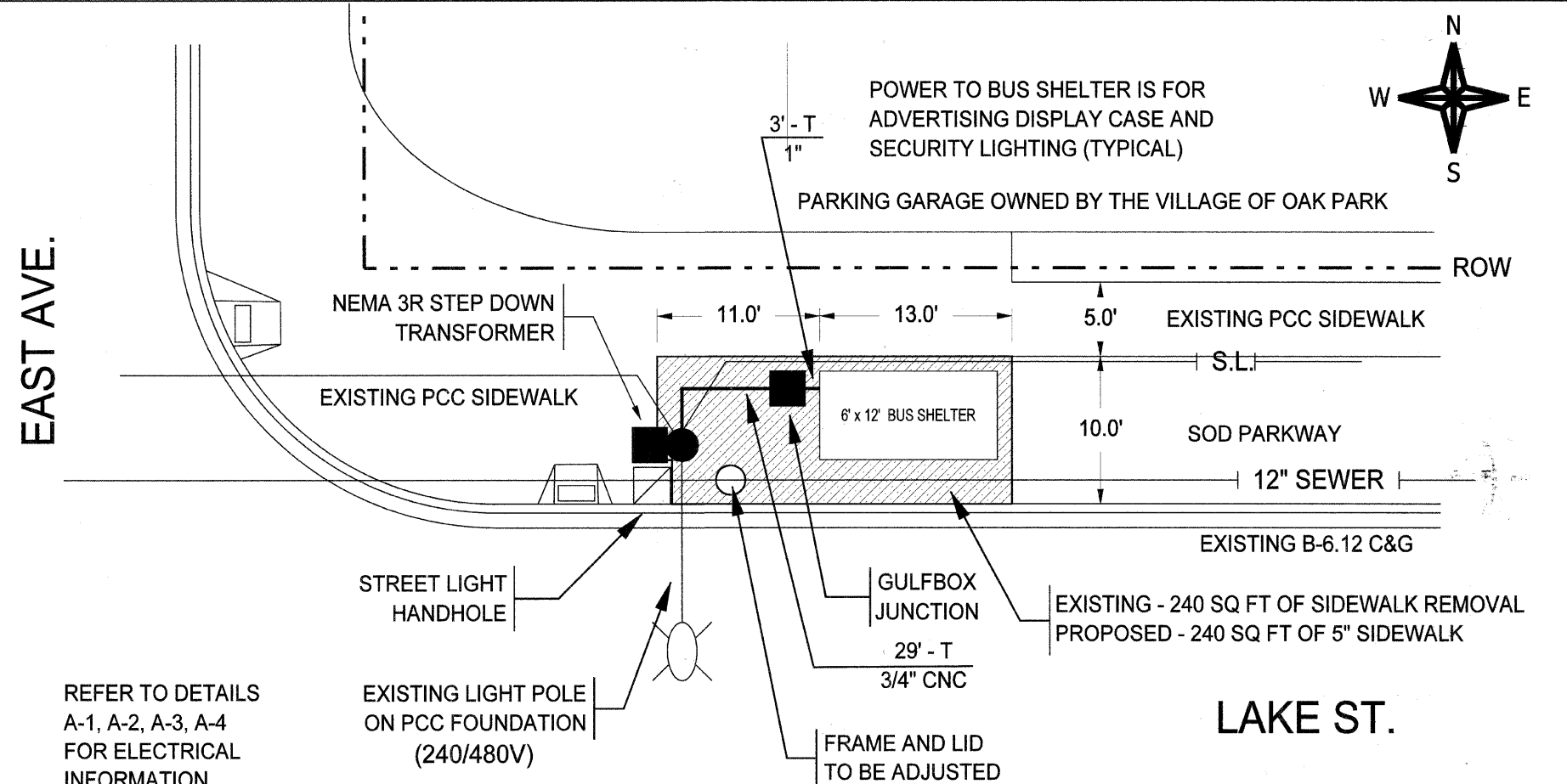
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	10-00251-00-MS	COOK	16	4
CONTRACT NO. 63538				
ILLINOIS FED. AID PROJECT				

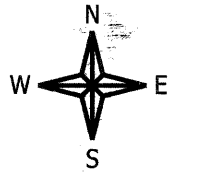


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NEW BUS SHELTERS ARE TO BE PLACED AT THE SAME LOCATIONS AS THE EXISTING BUS SHELTERS

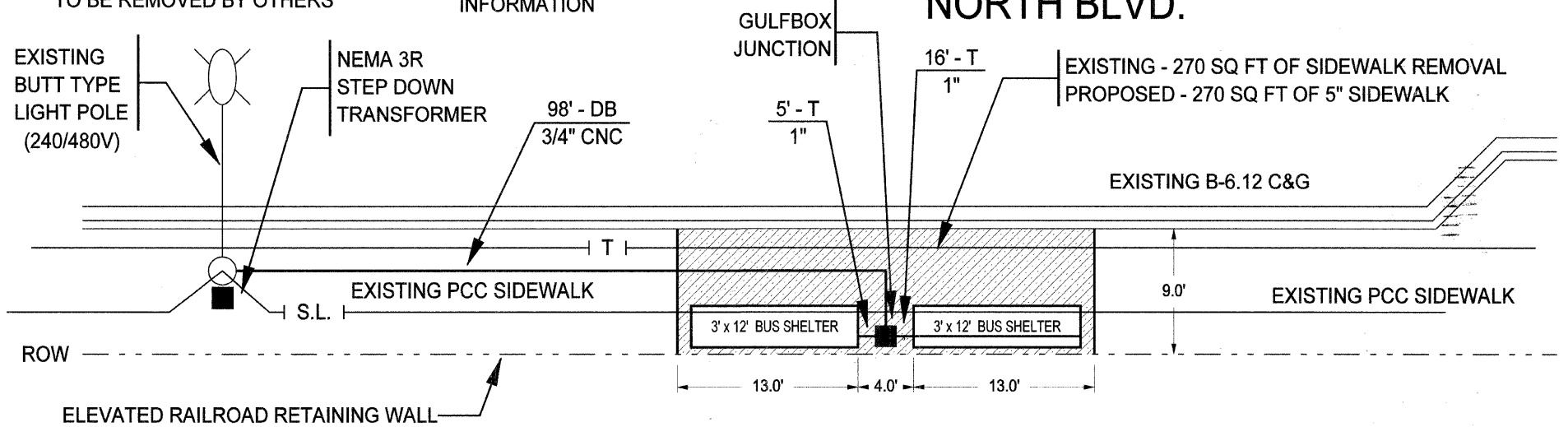
BUS SHELTER TO BE PROVIDED AND INSTALLED BY OTHERS UNLESS NOTED OTHERWISE (TYPICAL)

POWER TO BUS SHELTER IS FOR ADVERTISING DISPLAY CASE AND SECURITY LIGHTING (TYPICAL)

← HARLEM AVE.

EXISTING BUS SHELTERS TO BE REMOVED BY OTHERS

REFER TO DETAILS A-1, A-2, A-3, A-4 FOR ELECTRICAL INFORMATION



ALL WORK IS WITHIN THE PUBLIC R.O.W. AND OUTSIDE OF THE RAILROAD R.O.W.



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REMOVE AND REPLACE CURB WITH HDCP RAMP FOLLOWING IDOT STANDARDS 606001 AND 424001

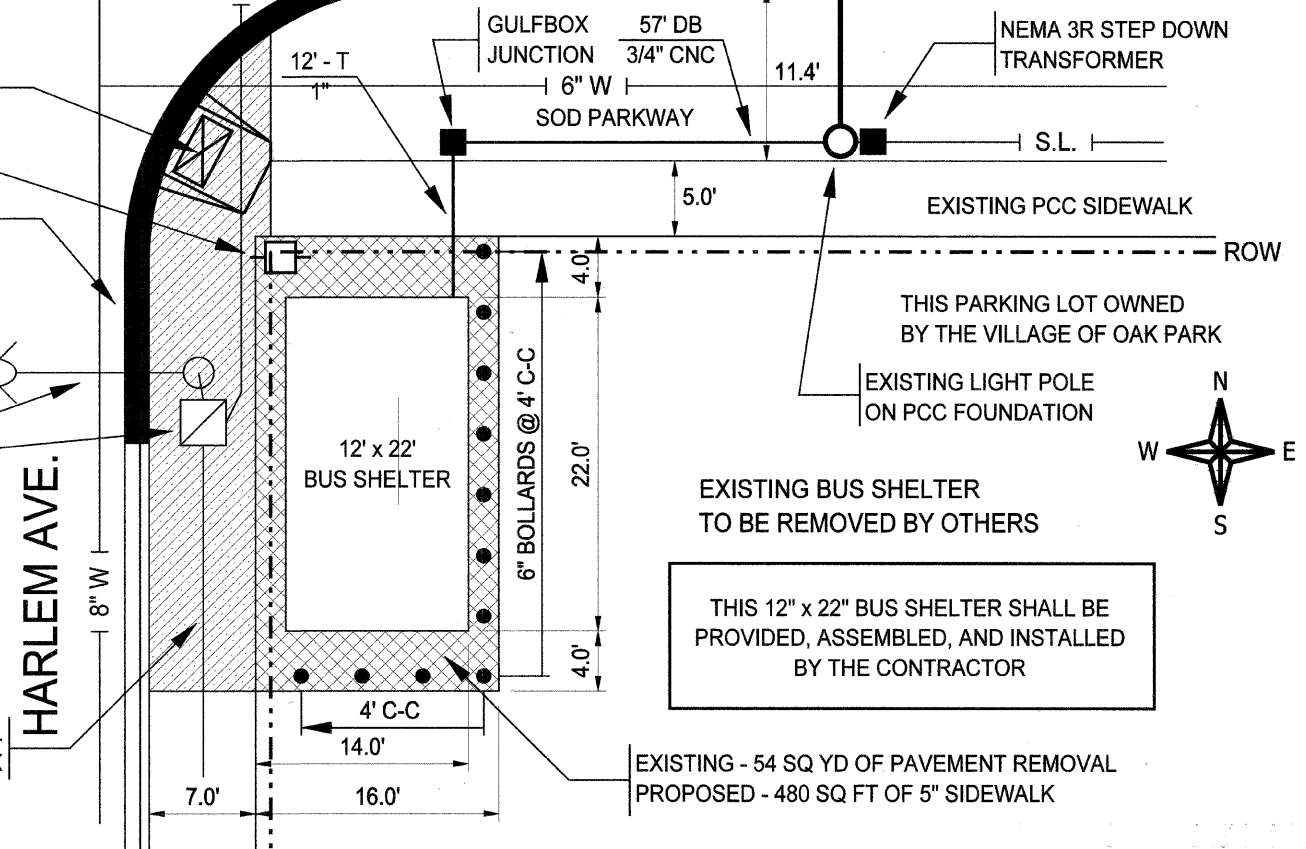
END OF CURB RADIUS RETURN

○ SOUTH BLVD.

PROPOSED - 16 SQ FT OF DETECTABLE WARNINGS
EXISTING COM ED POWER POLE
REFER TO DETAILS A-1, A-2, A-3, A-4 FOR ELECTRICAL INFORMATION
40 FT OF CURB REM & REPL REPLACE WITH B-6.12 VARIABLE HEIGHT C&G
EXISTING LIGHT POLE ON PCC FOUNDATION (240/480V) AND TRAFFIC SIGNAL HANDHOLE

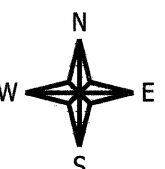
LANDSCAPE FURNITURE AND PARKING BLOCKS TO BE REMOVED BY OTHERS

EXISTING - 282 SQ FT OF SIDEWALK REMOVAL
PROPOSED - 282 SQ FT OF 5\"/>



THIS PARKING LOT OWNED BY THE VILLAGE OF OAK PARK

EXISTING BUS SHELTER TO BE REMOVED BY OTHERS
THIS 12\"/>



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		DRAWN BY: KOPERNIAK	REVISED: 04/11/2011
	PLOT SCALE = 1" = 5'	CHECKED BY: BUDRICK	REVISED:
	PLOT DATE = FEB 25, 2011	DATE: MAR 2, 2011	REVISED:

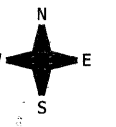


VILLAGE OF OAK PARK

PROPOSED 5. North Boulevard, east of Harlem Avenue
6. Harlem Avenue at South Boulevard

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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FAP R/F:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	10-00251-00-MS	COOK	16	6
		CONTRACT NO. 63538		
		ILLINOIS FED. AID PROJECT		



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USE TEMPORARY FENCE AND TREE TRUNK PROTECTION AROUND THE TWO TREES

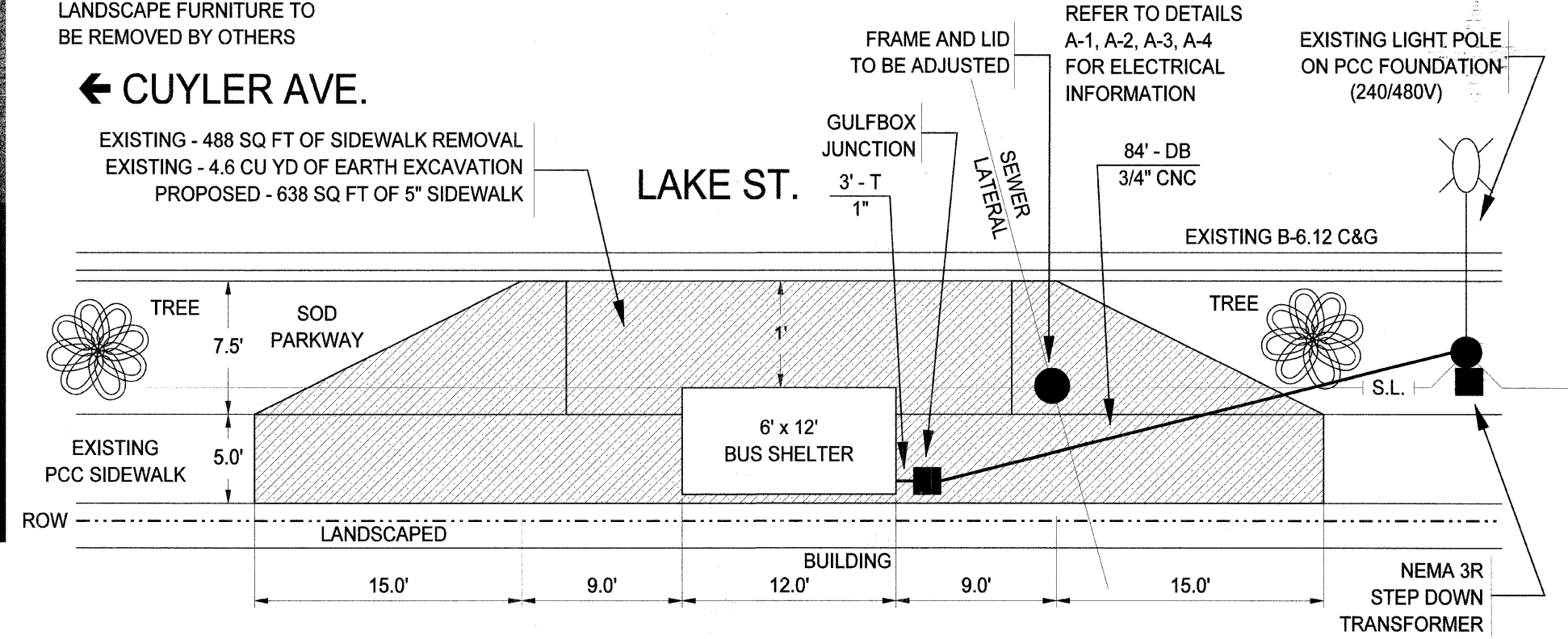
BUS SHELTER TO BE PROVIDED AND INSTALLED BY OTHERS UNLESS NOTED OTHERWISE (TYPICAL)

POWER TO BUS SHELTER IS FOR ADVERTISING DISPLAY CASE AND SECURITY LIGHTING (TYPICAL)

LANDSCAPE FURNITURE TO BE REMOVED BY OTHERS

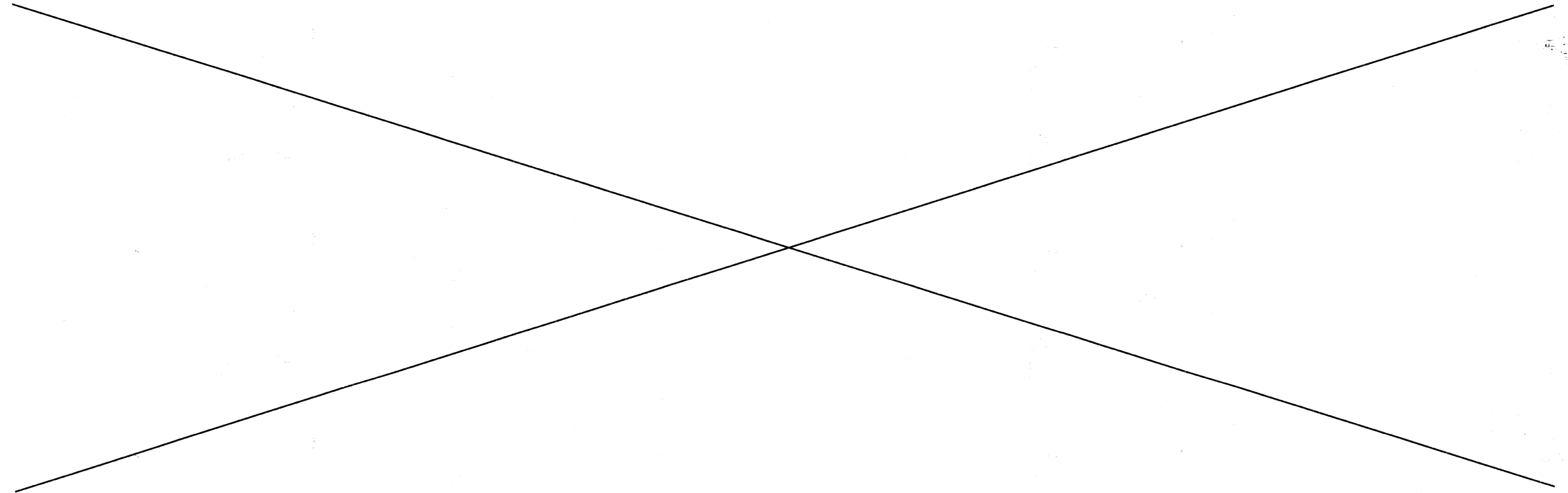
← CUYLER AVE.

EXISTING - 488 SQ FT OF SIDEWALK REMOVAL
 EXISTING - 4.6 CU YD OF EARTH EXCAVATION
 PROPOSED - 638 SQ FT OF 5" SIDEWALK



REFER TO DETAILS A-1, A-2, A-3, A-4 FOR ELECTRICAL INFORMATION

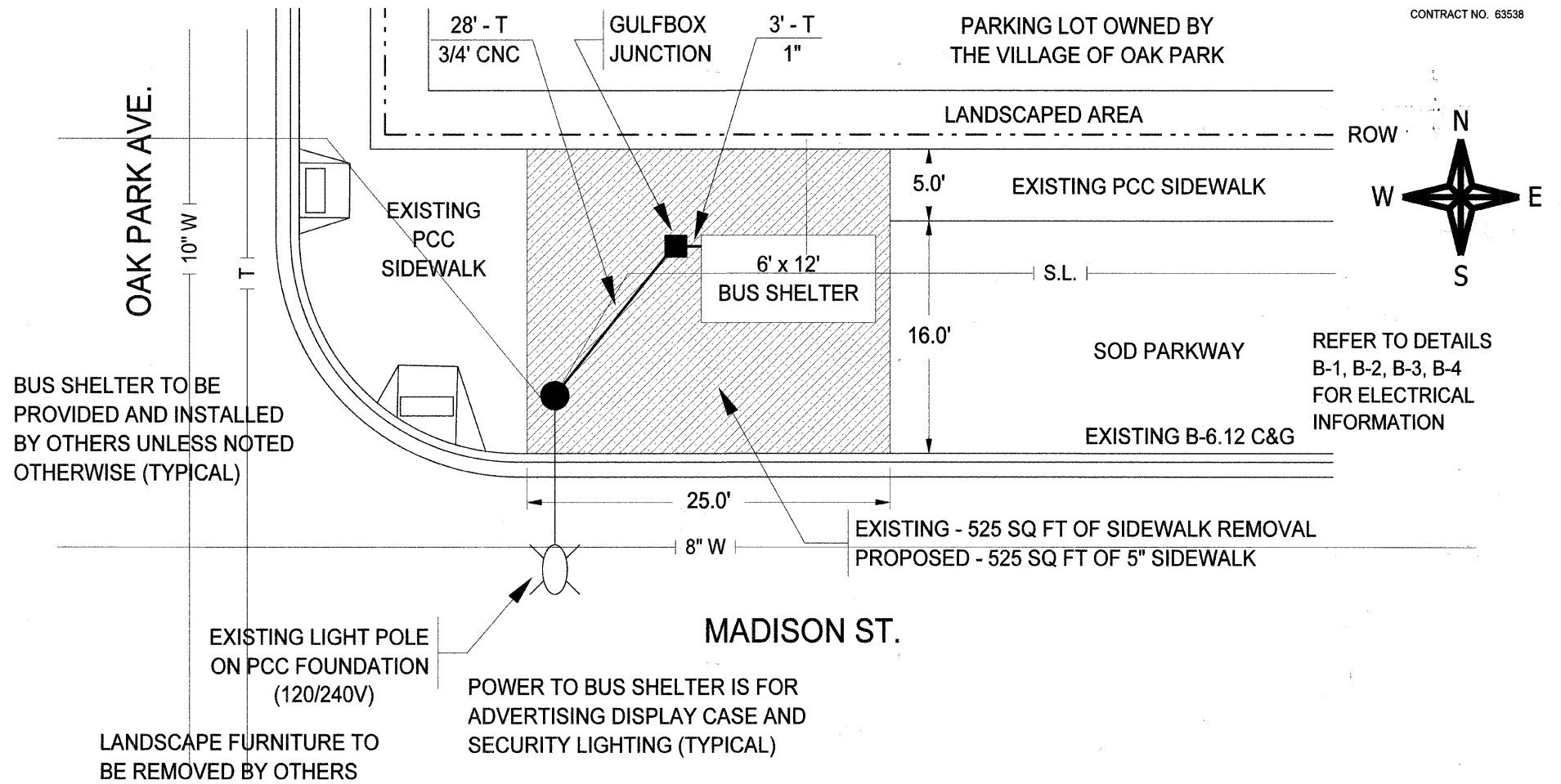
EXISTING LIGHT POLE ON PCC FOUNDATION (240/480V)



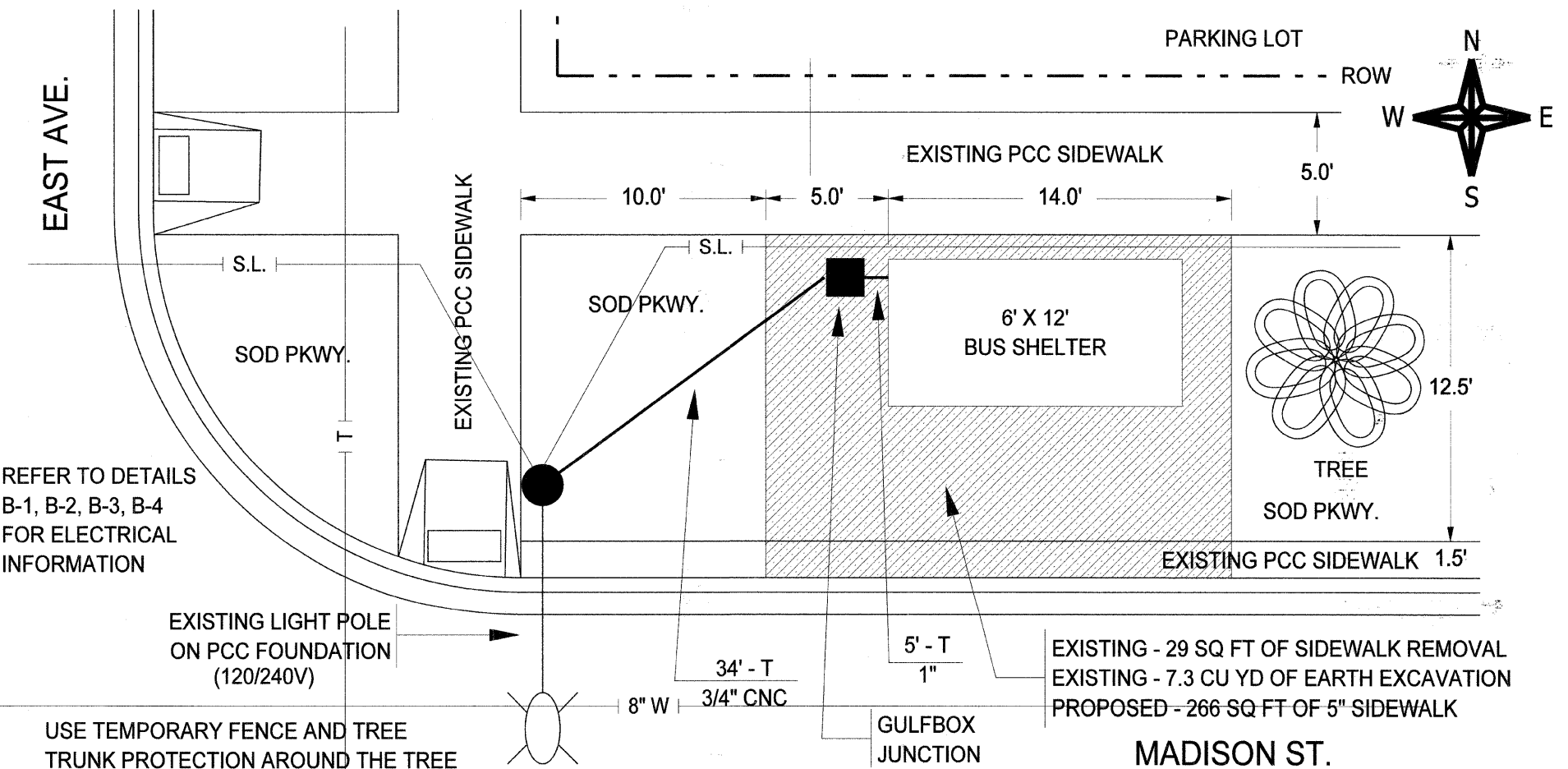
FILENAME = plan_sheet_4b_rev.dc	USER NAME = KOPERNIAK	DESIGNED BY: KOPERNIAK	REVISED: 03/30/2011		VILLAGE OF OAK PARK PROPOSED 7. Eastbound Lake Street, east of Cuyler Avenue	PAP RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN BY: KOPERNIAK	REVISED: 04/11/2011			348	10-00251-00-MS	COOK	16	7
		CHECKED BY: BUDRICK	REVISED:			CONTRACT NO. 63538		ILLINOIS FED. AID PROJECT		
		PLOT SCALE = 1" = 4'				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
		PLOT DATE = FEB 25, 2011								



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	PLOT DATE = FEB 28, 2011	DATE: MAR 2, 2011	REVISED:



VILLAGE OF OAK PARK

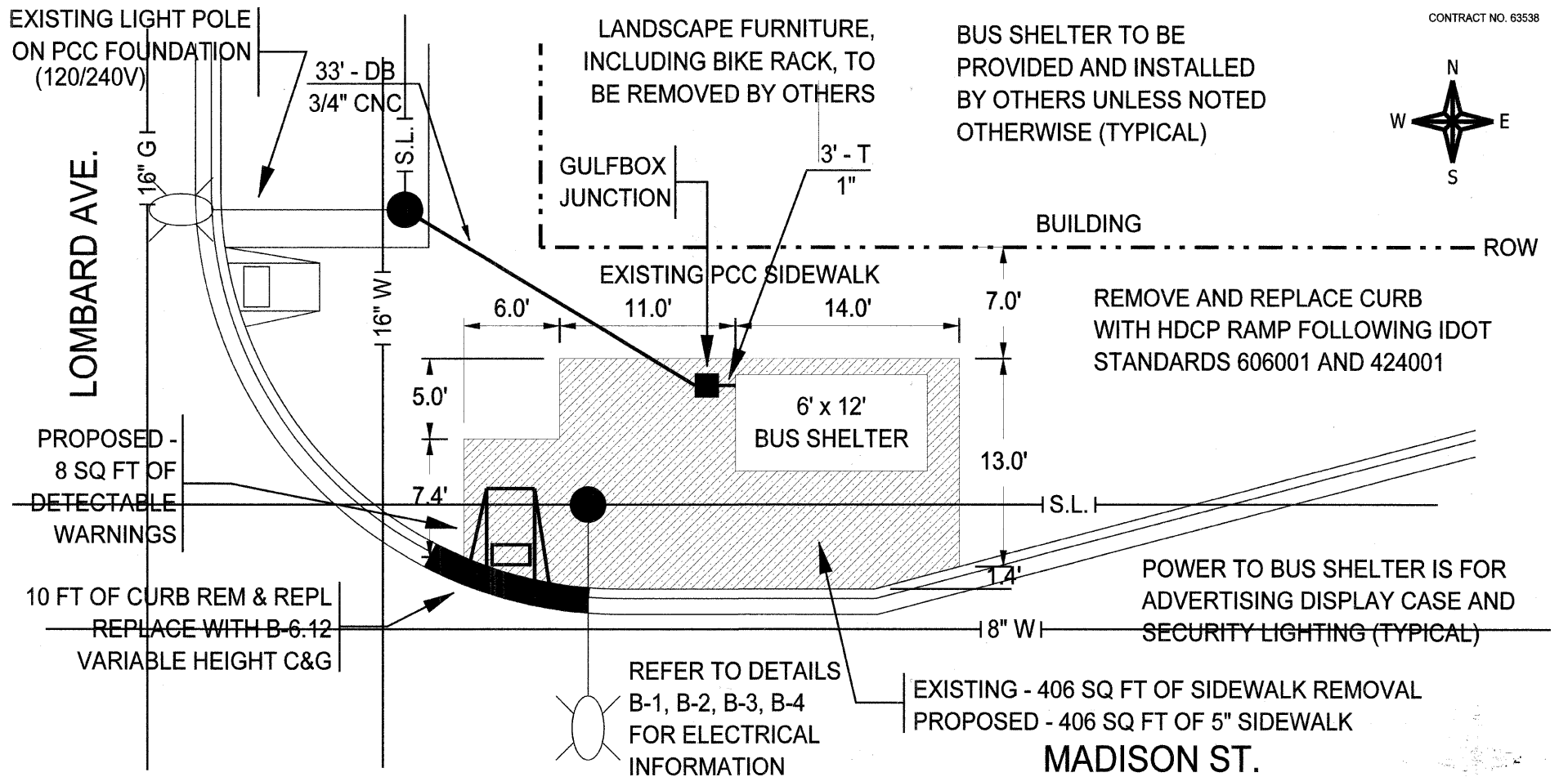
PROPOSED 8. Madison Street at Oak Park Avenue
9. Madison Street at East Avenue

SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.
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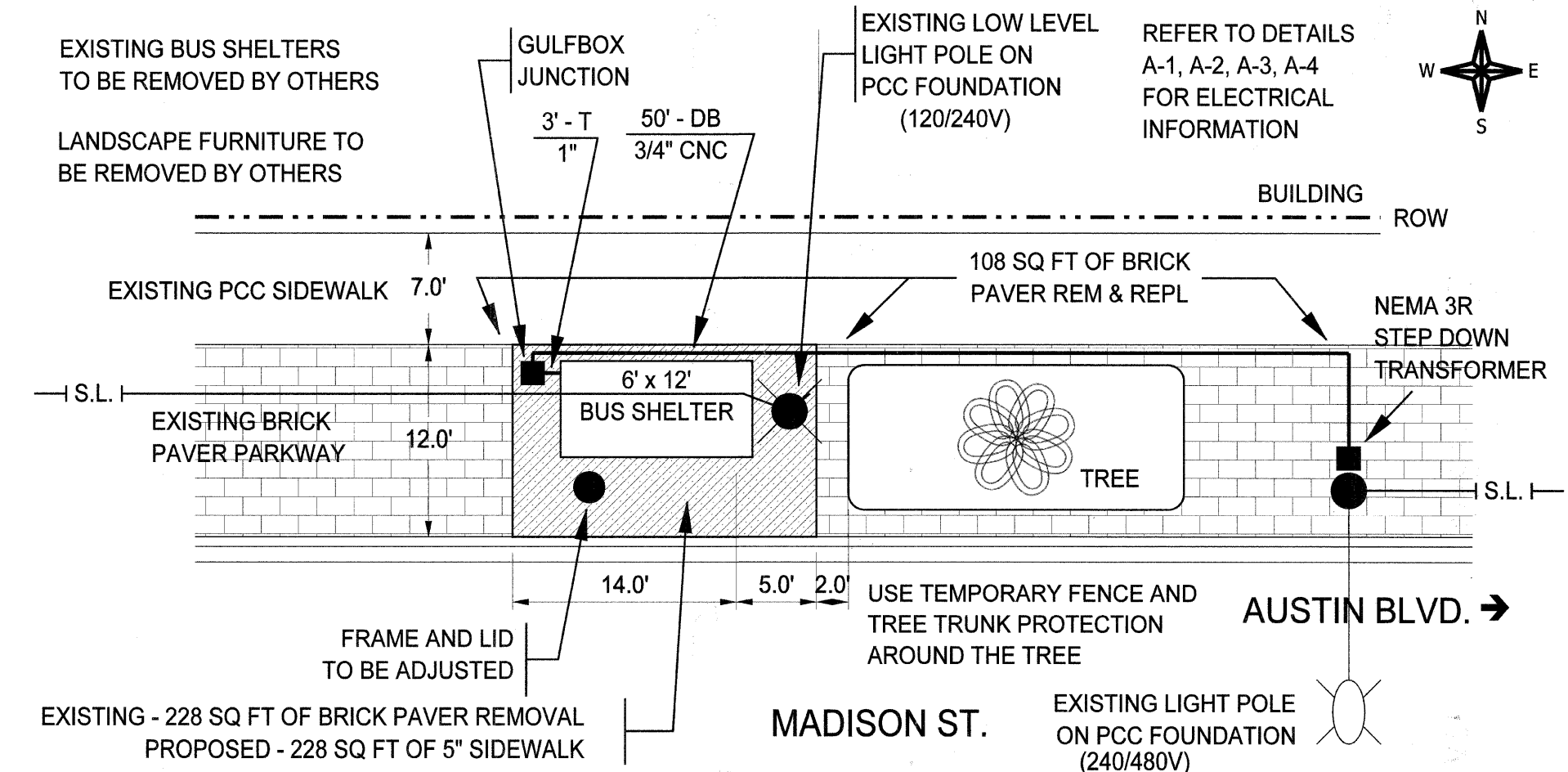
FAP RTE. 348	SECTION 10-00251-00-MS	COUNTY COOK	TOTAL SHEETS 16	SHEET NO. 8
CONTRACT NO. 63538			ILLINOIS FED. AID PROJECT	



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		DRAWN BY: KOPERNIAK	REVISED: 04/11/2011
	PLOT SCALE = 1" = 5'	CHECKED BY: BUDRICK	REVISED:
	PLOT DATE = MAR 1, 2011	DATE: MAR 2, 2011	REVISED:

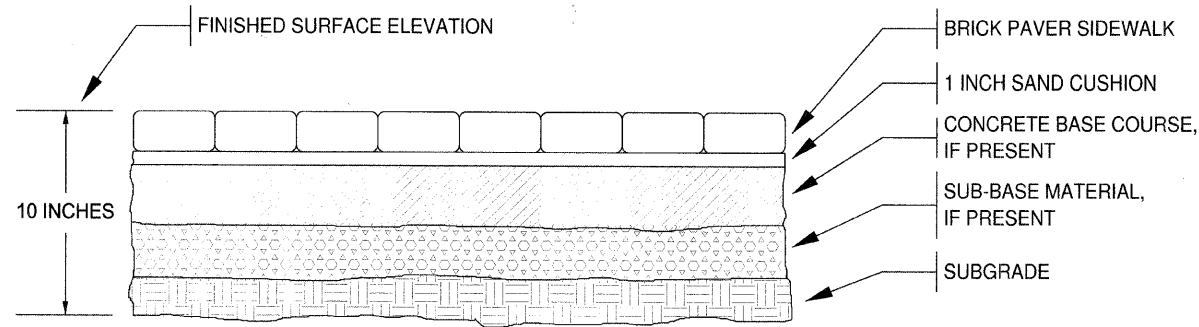
EXISTING - 228 SQ FT OF BRICK PAVER REMOVAL	PROPOSED - 228 SQ FT OF 5" SIDEWALK
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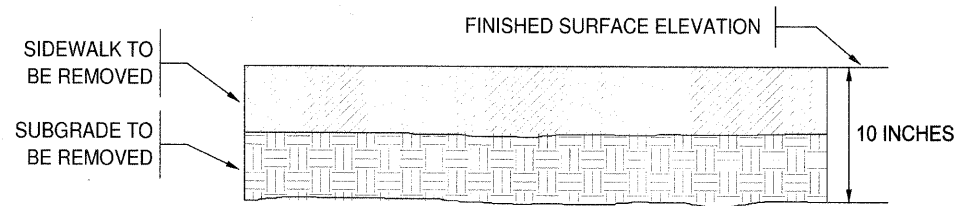
VILLAGE OF OAK PARK

PROPOSED 10. Madison Street at Lombard Avenue
11. Madison Street, west of Austin Boulevard

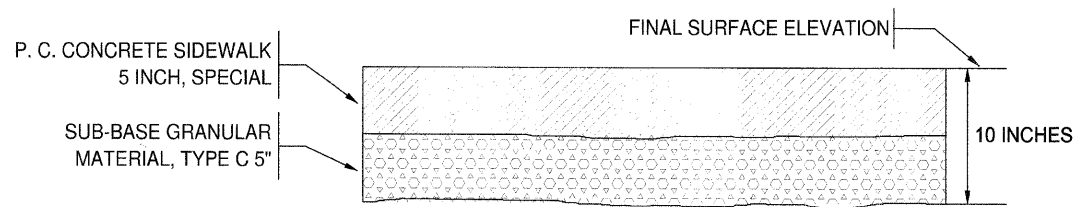
FAP R/FE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	10-00251-00-MS	COOK	16	9
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.
		ILLINOIS		FED. AID PROJECT



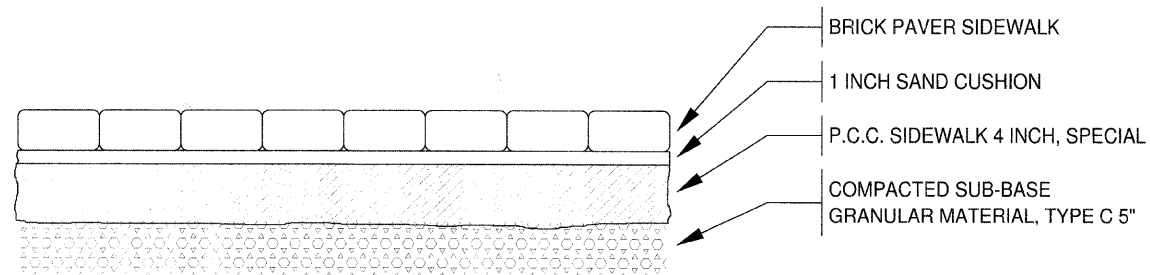
BRICK PAVER SIDEWALK REMOVAL



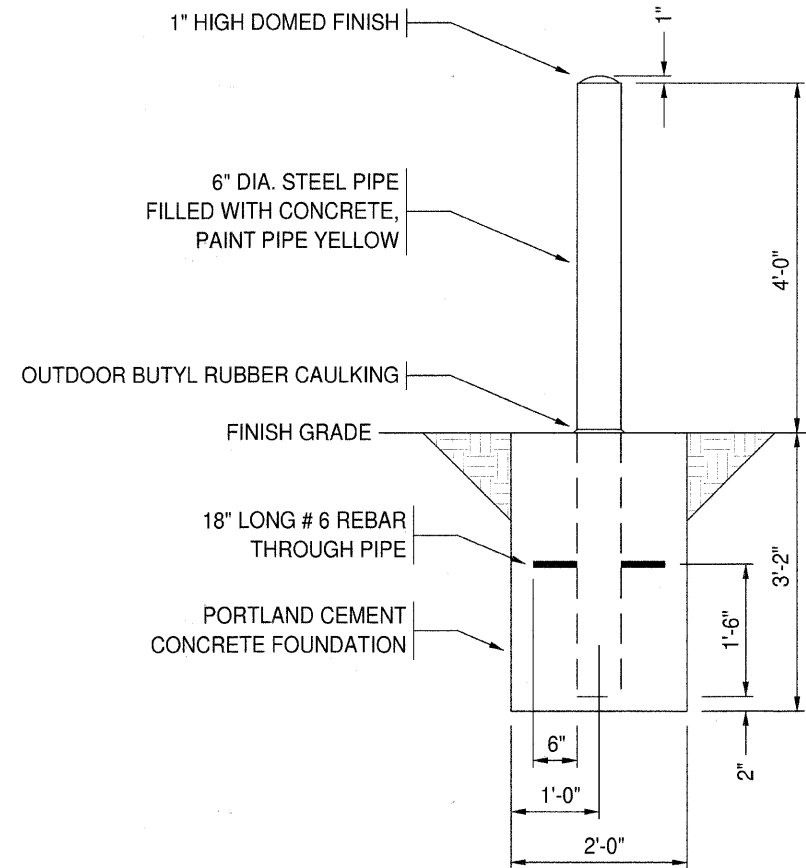
SIDEWALK REMOVAL, SPECIAL



P.C. CONCRETE SIDEWALK 5 INCH, SPECIAL

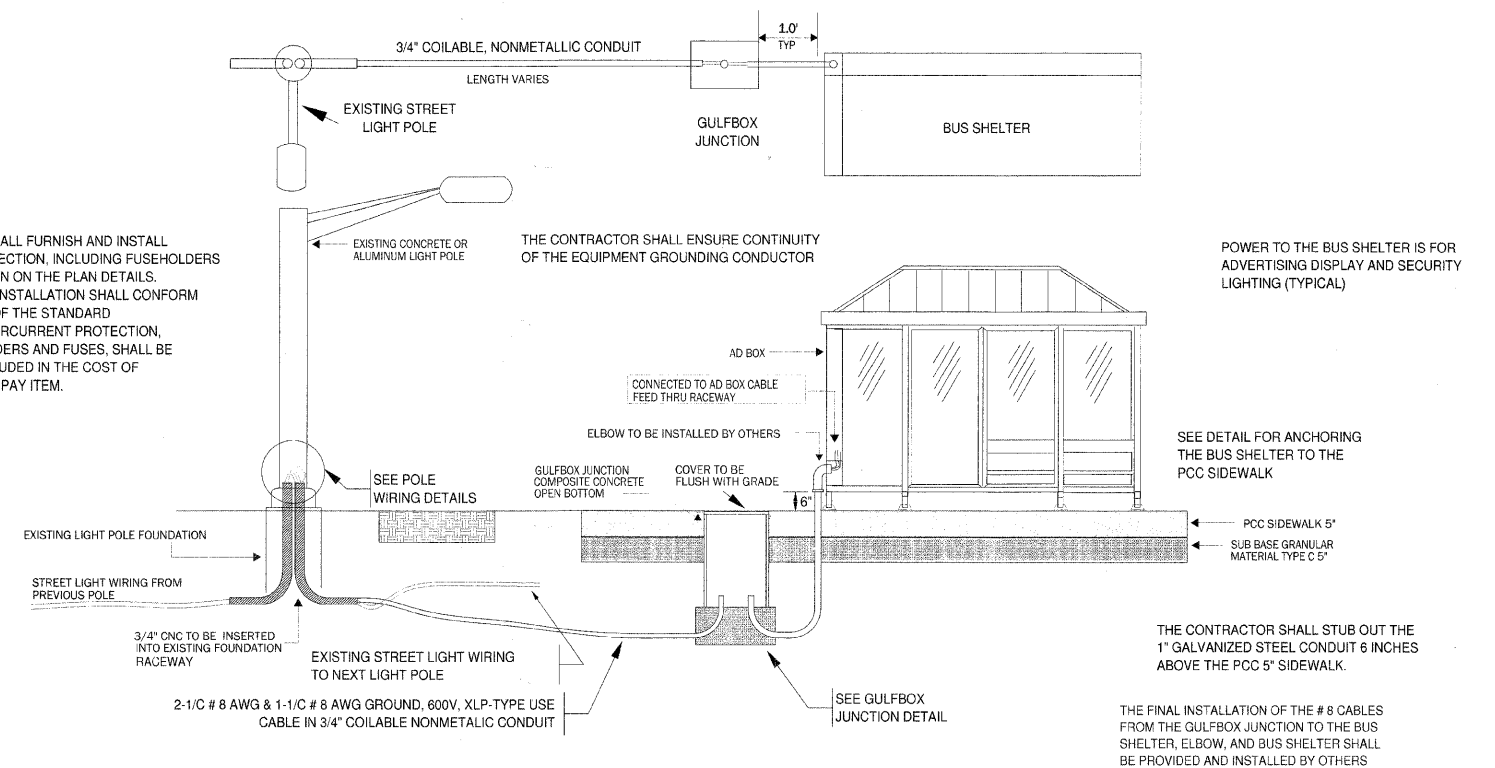


BRICK PAVER SIDEWALK REMOVAL AND REPLACEMENT

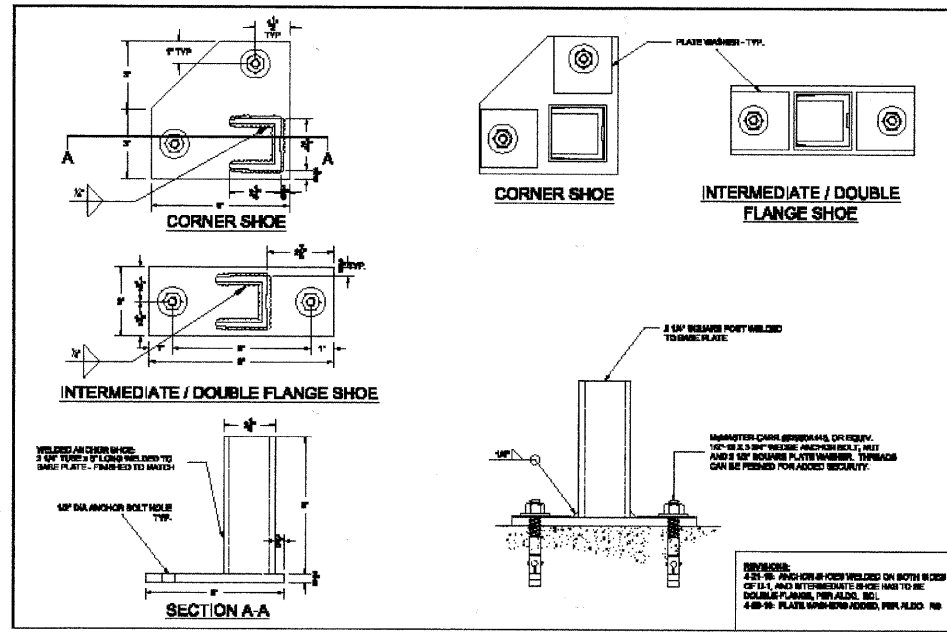


PIPE BOLLARD DETAIL

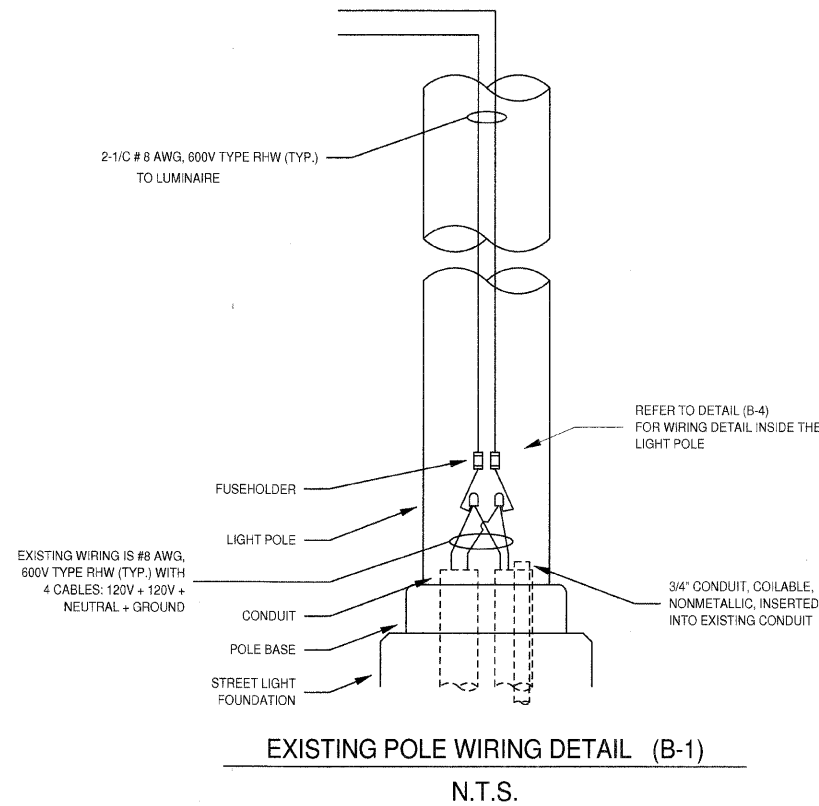
THE CONTRACTOR SHALL FURNISH AND INSTALL OVERCURRENT PROTECTION, INCLUDING FUSEHOLDERS AND FUSES, AS SHOWN ON THE PLAN DETAILS. THE MATERIALS AND INSTALLATION SHALL CONFORM TO SECTION 1065.01 OF THE STANDARD SPECIFICATIONS. OVERCURRENT PROTECTION, INCLUDING FUSEHOLDERS AND FUSES, SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE ELECTRIC CABLE PAY ITEM.



**SIDE VIEW OF PROPOSED WORK (TYPICAL) (B-3)
N.T.S.**



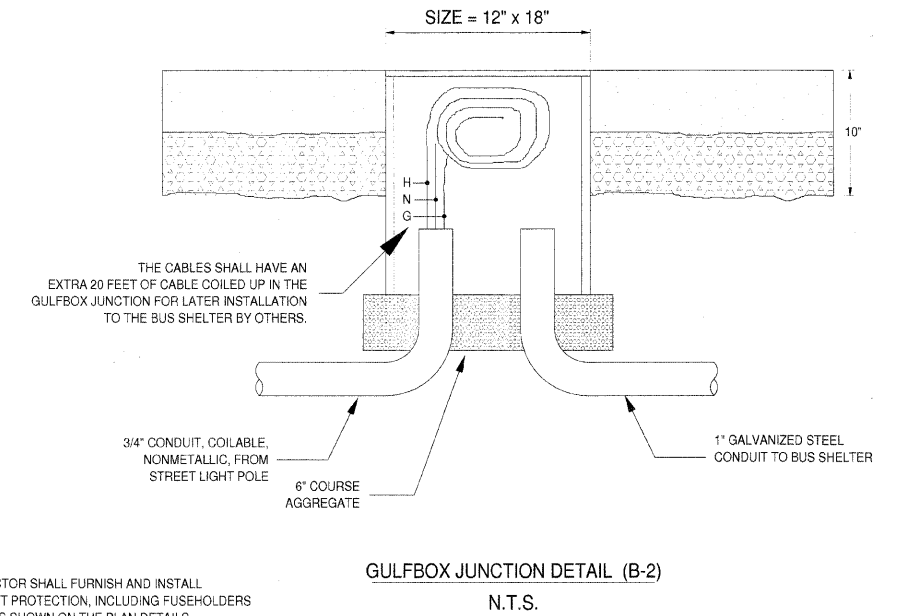
BUS SHELTER ANCHOR SHOE DETAIL



EXISTING POLE WIRING DETAIL (B-1)

N.T.S.

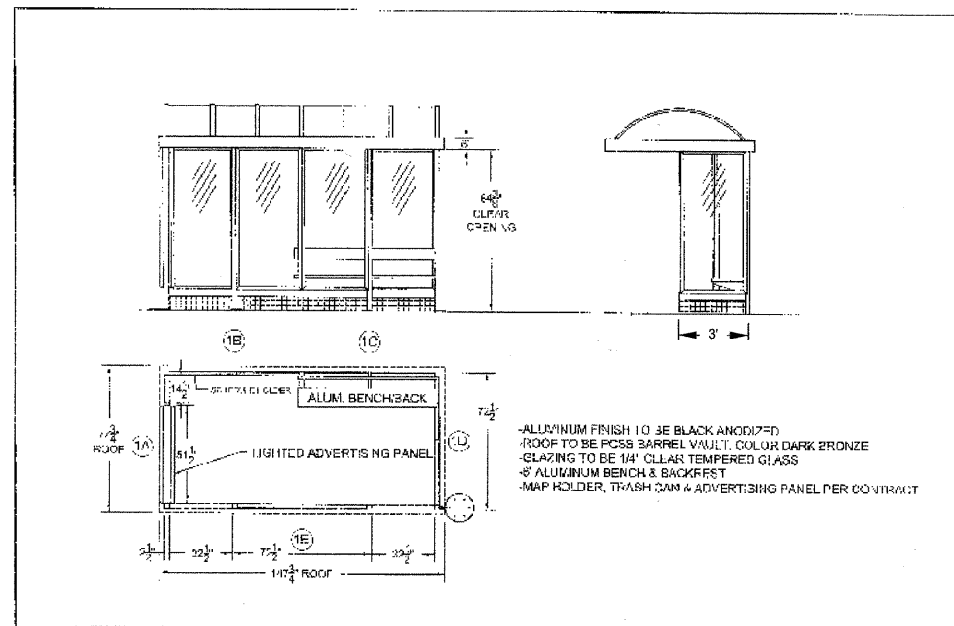
STILL NEEDS TO BE MODIFIED



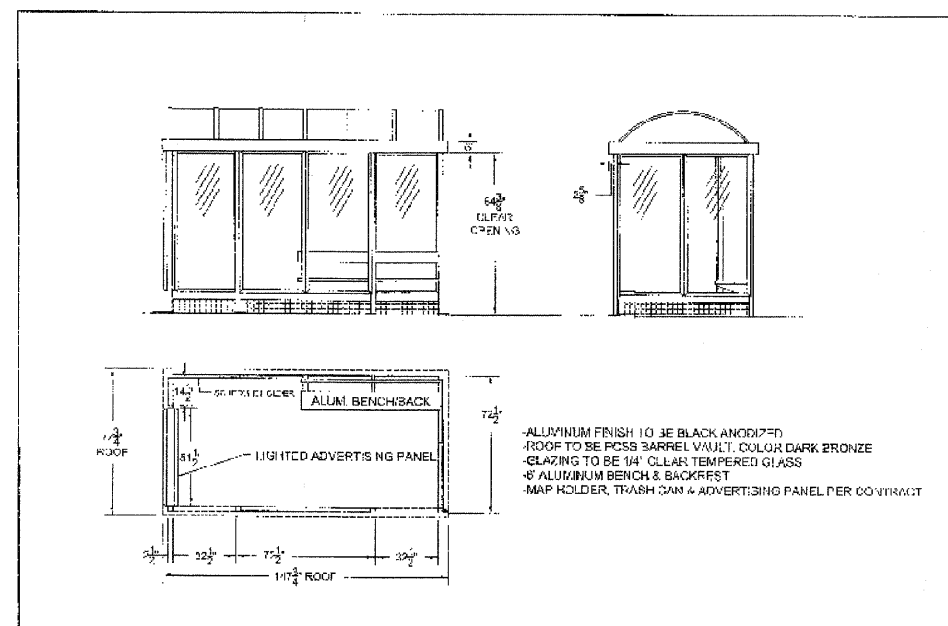
GULFBOX JUNCTION DETAIL (B-2)

N.T.S.

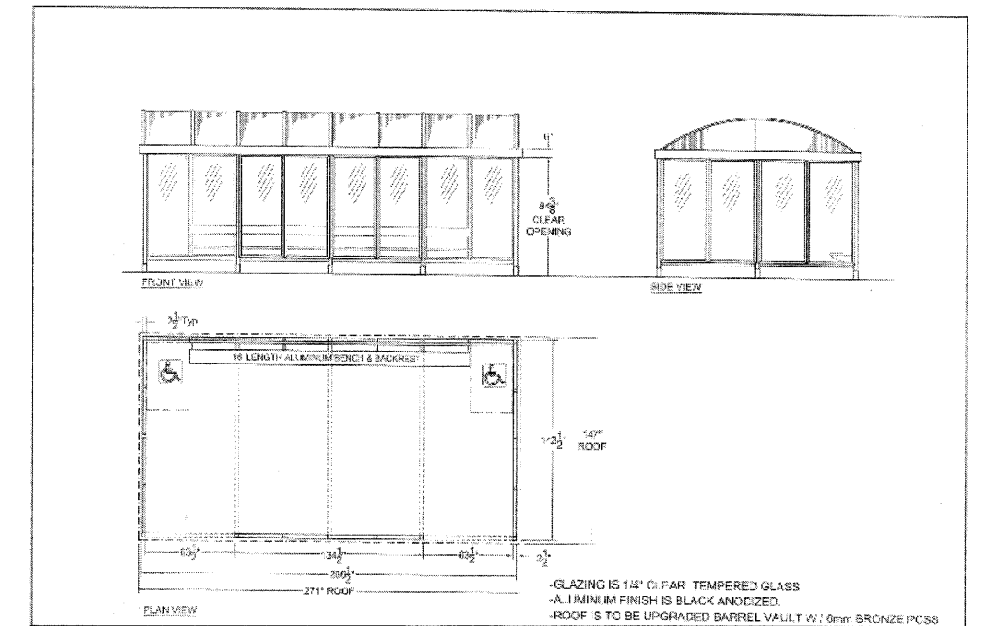
THE CONTRACTOR SHALL FURNISH AND INSTALL OVERCURRENT PROTECTION, INCLUDING FUSEHOLDERS AND FUSES, AS SHOWN ON THE PLAN DETAILS. THE MATERIALS AND INSTALLATION SHALL CONFORM TO SECTION 1085.01 OF THE STANDARD SPECIFICATIONS. OVERCURRENT PROTECTION, INCLUDING FUSEHOLDERS AND FUSES, SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE ELECTRIC CABLE PAY ITEM.



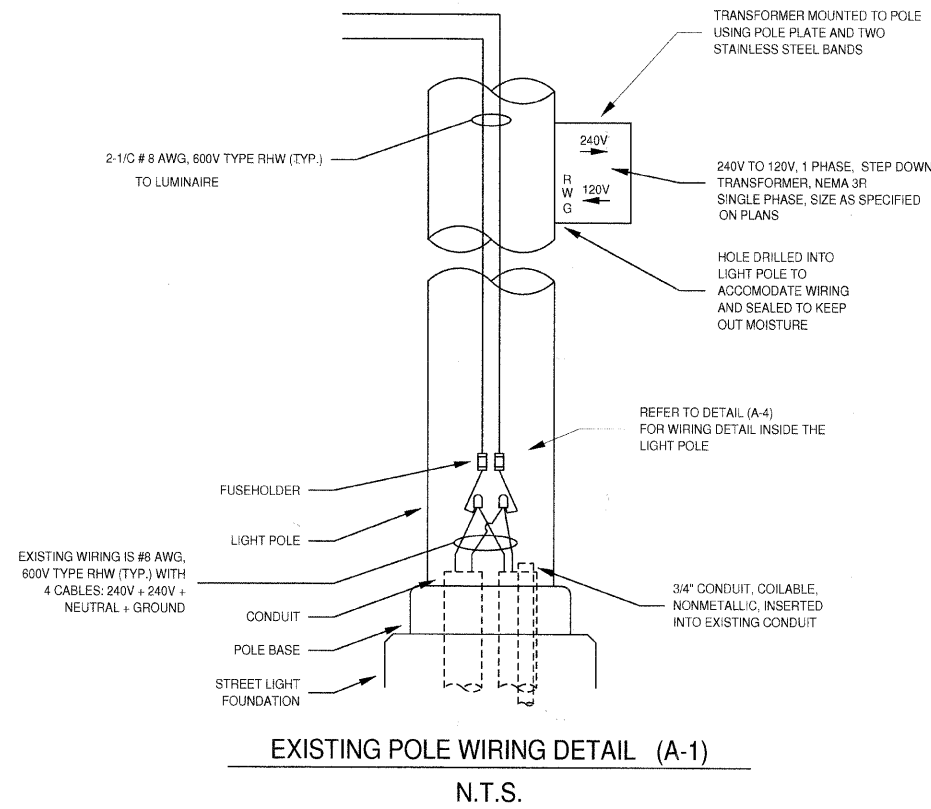
3' x 12' BUS SHELTER TO BE PROVIDED AND INSTALLED BY OTHERS



6' x 12' BUS SHELTER TO BE PROVIDED AND INSTALLED BY OTHERS

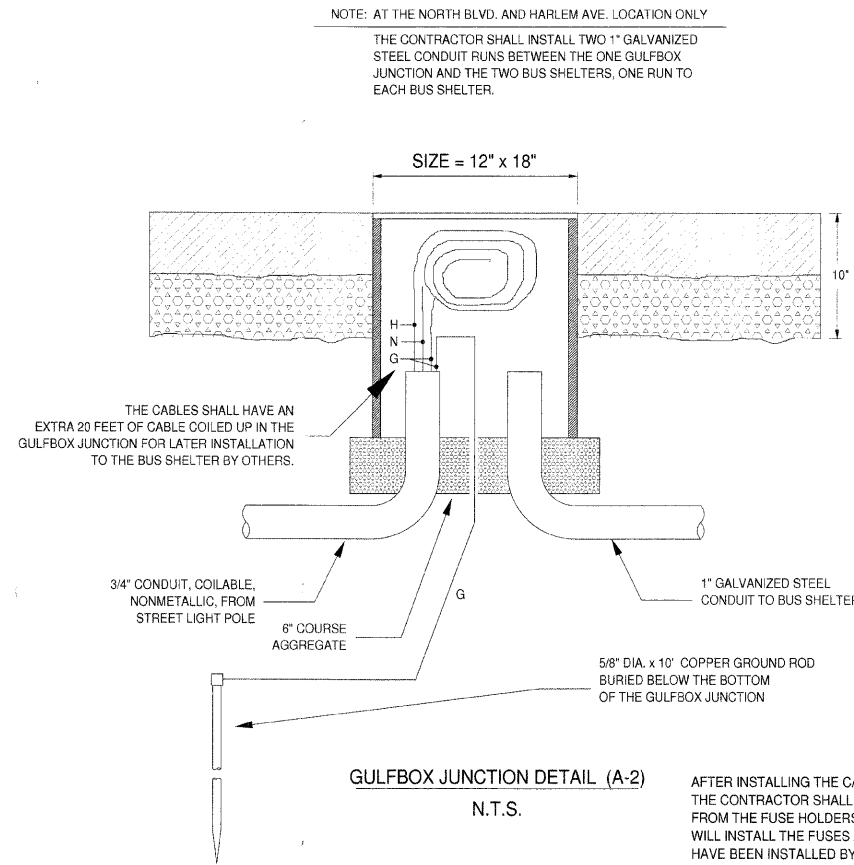


12' x 22' BUS SHELTER TO BE PROVIDED AND INSTALLED BY CONTRACTOR



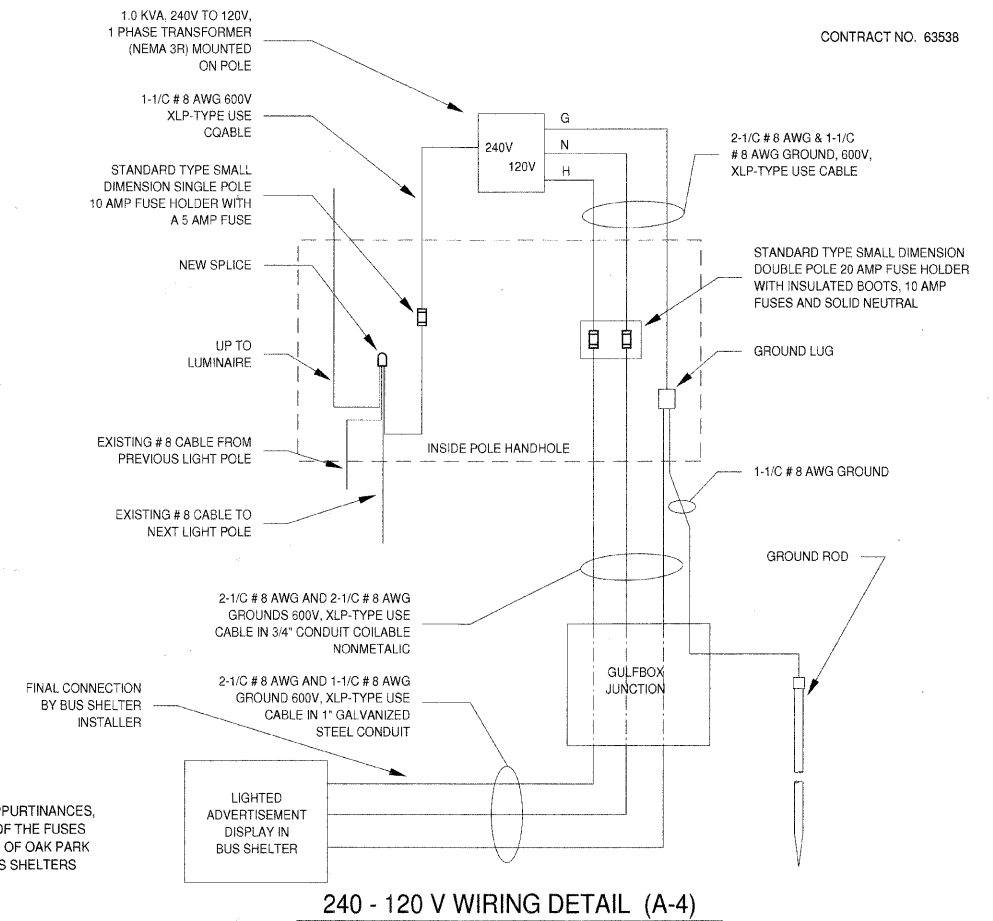
EXISTING POLE WIRING DETAIL (A-1)

N.T.S.



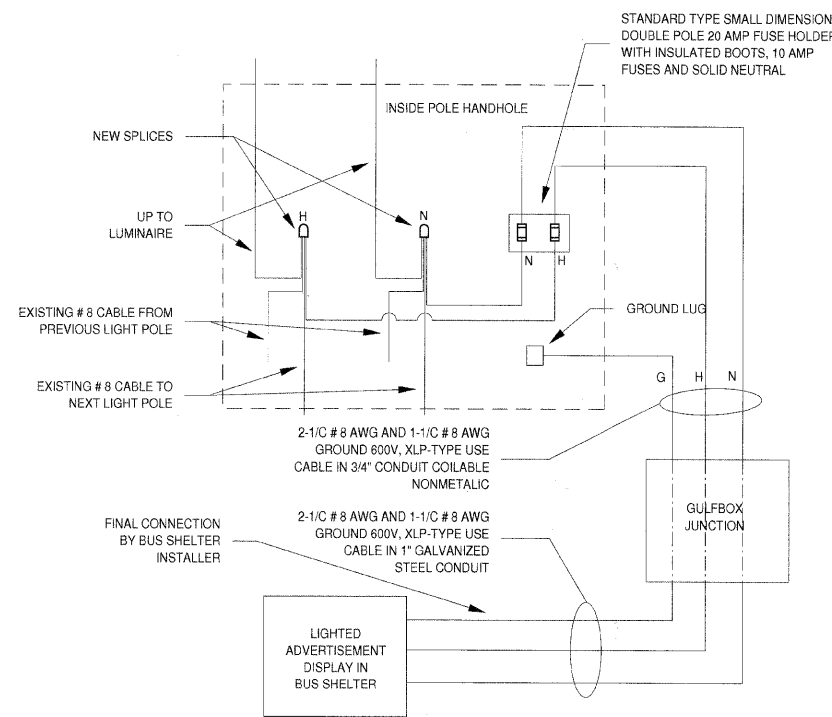
GULFBOX JUNCTION DETAIL (A-2)

N.T.S.



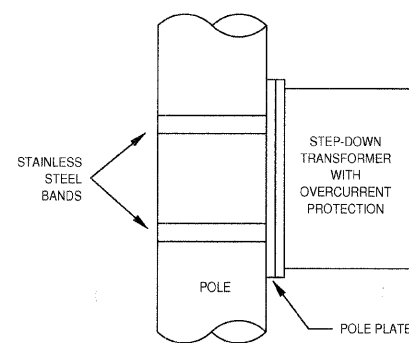
240 - 120 V WIRING DETAIL (A-4)

N.T.S.



120 V WIRING DETAIL (B-4)

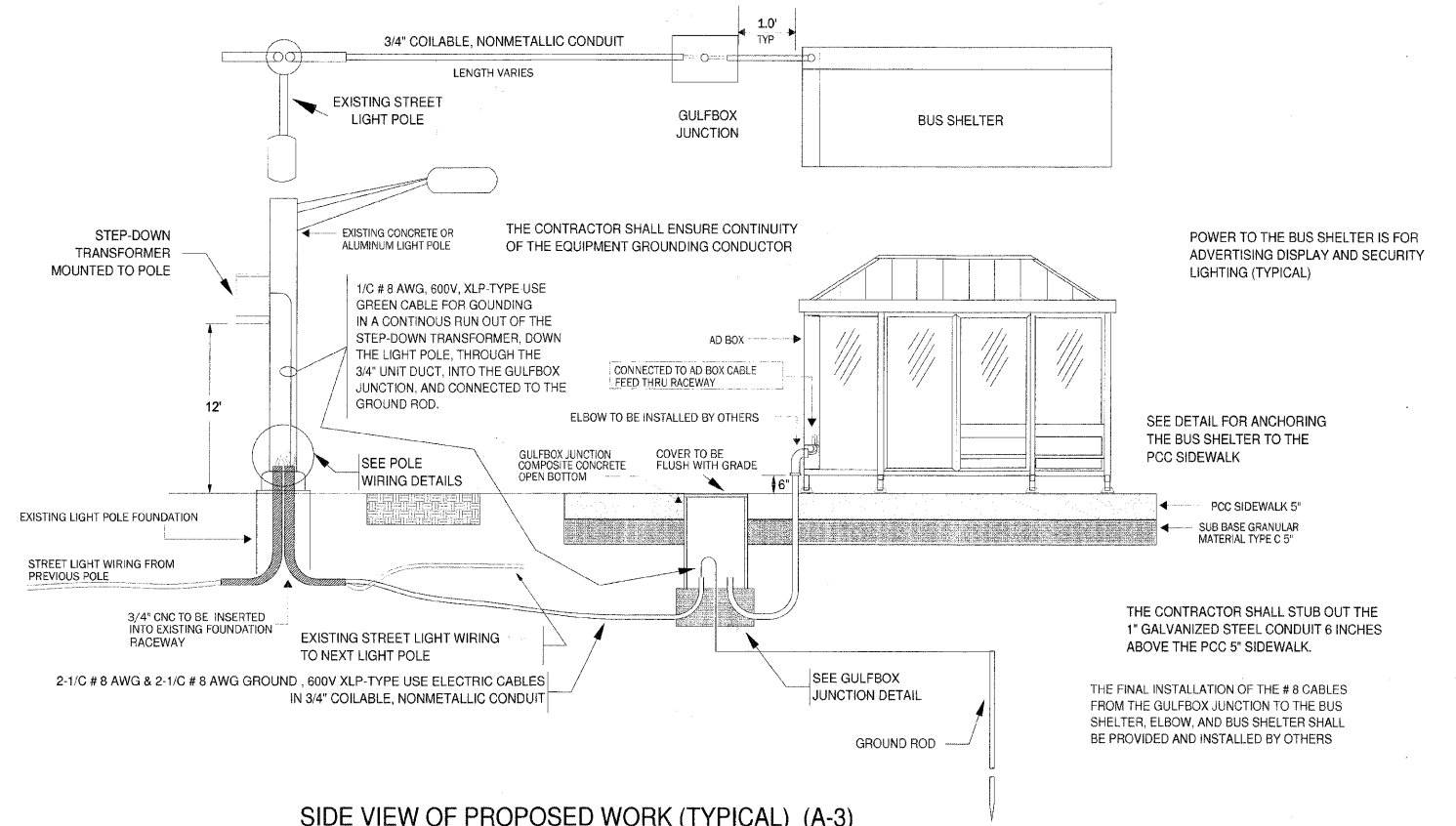
N.T.S.



STEP-DOWN TRANSFORMER MOUNTING DETAIL

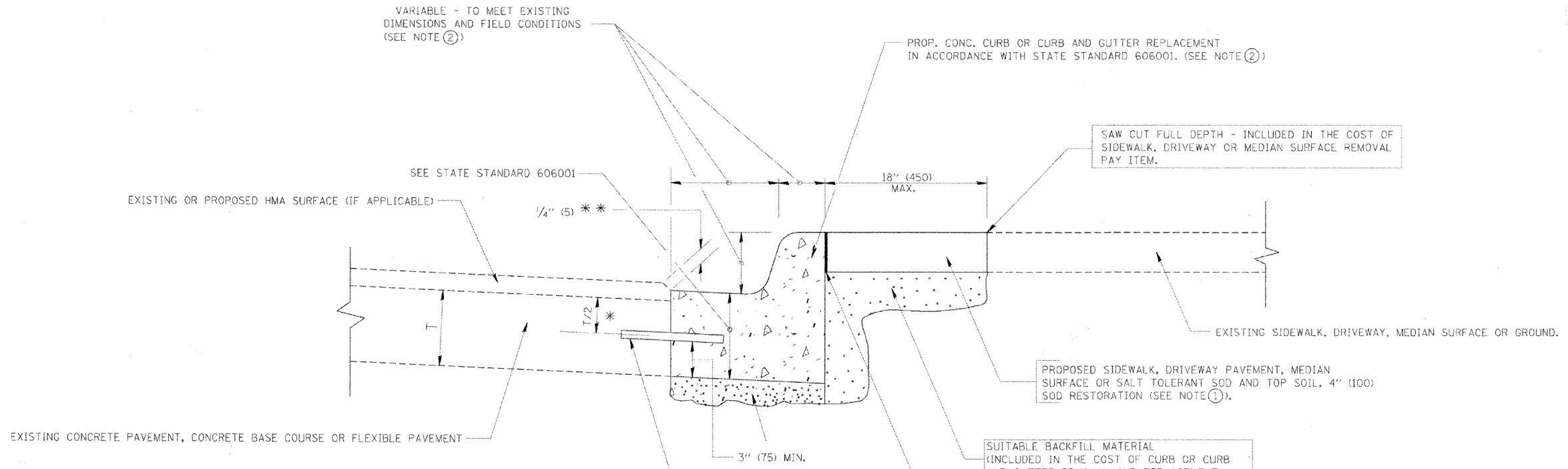
AFTER INSTALLING THE CABLING AND APPURTINANCES, THE CONTRACTOR SHALL REMOVE ALL OF THE FUSES FROM THE FUSE HOLDERS. THE VILLAGE OF OAK PARK WILL INSTALL THE FUSES AFTER THE BUS SHELTERS HAVE BEEN INSTALLED BY OTHERS.

THE CONTRACTOR SHALL FURNISH AND INSTALL OVERCURRENT PROTECTION, INCLUDING FUSEHOLDERS AND FUSES, AS SHOWN ON THE PLAN DETAILS. THE MATERIALS AND INSTALLATION SHALL CONFORM TO SECTION 1065.01 OF THE STANDARD SPECIFICATIONS. OVERCURRENT PROTECTION, INCLUDING FUSEHOLDERS AND FUSES, SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE ELECTRIC CABLE PAY ITEM.



SIDE VIEW OF PROPOSED WORK (TYPICAL) (A-3)

N.T.S.



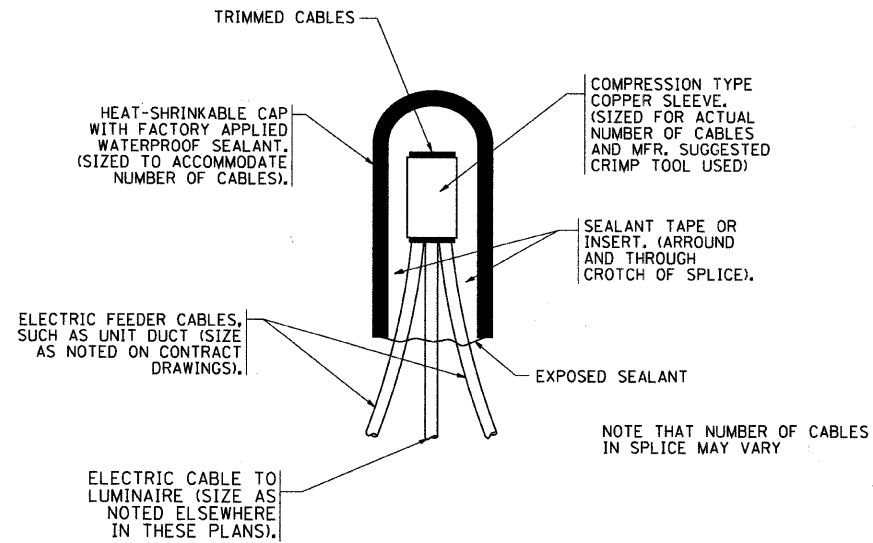
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

- 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 GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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".

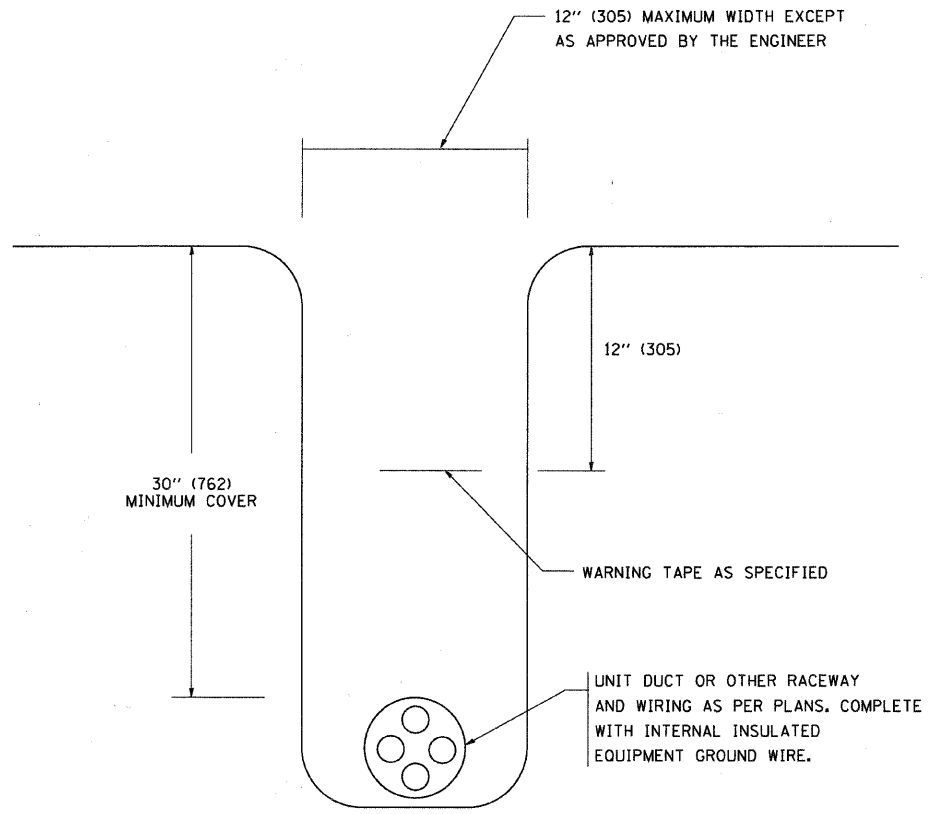
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PLOT SCALE = N.T.S.	CHECKED BY: BROWN	REVISED:	SCALE:					SHEET NO. XX OF XX SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
PLOT DATE = MAR 4, 2011	DATE: MAR 3, 2011	REVISED:										

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	10-00251-00-MS	COOK	16	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



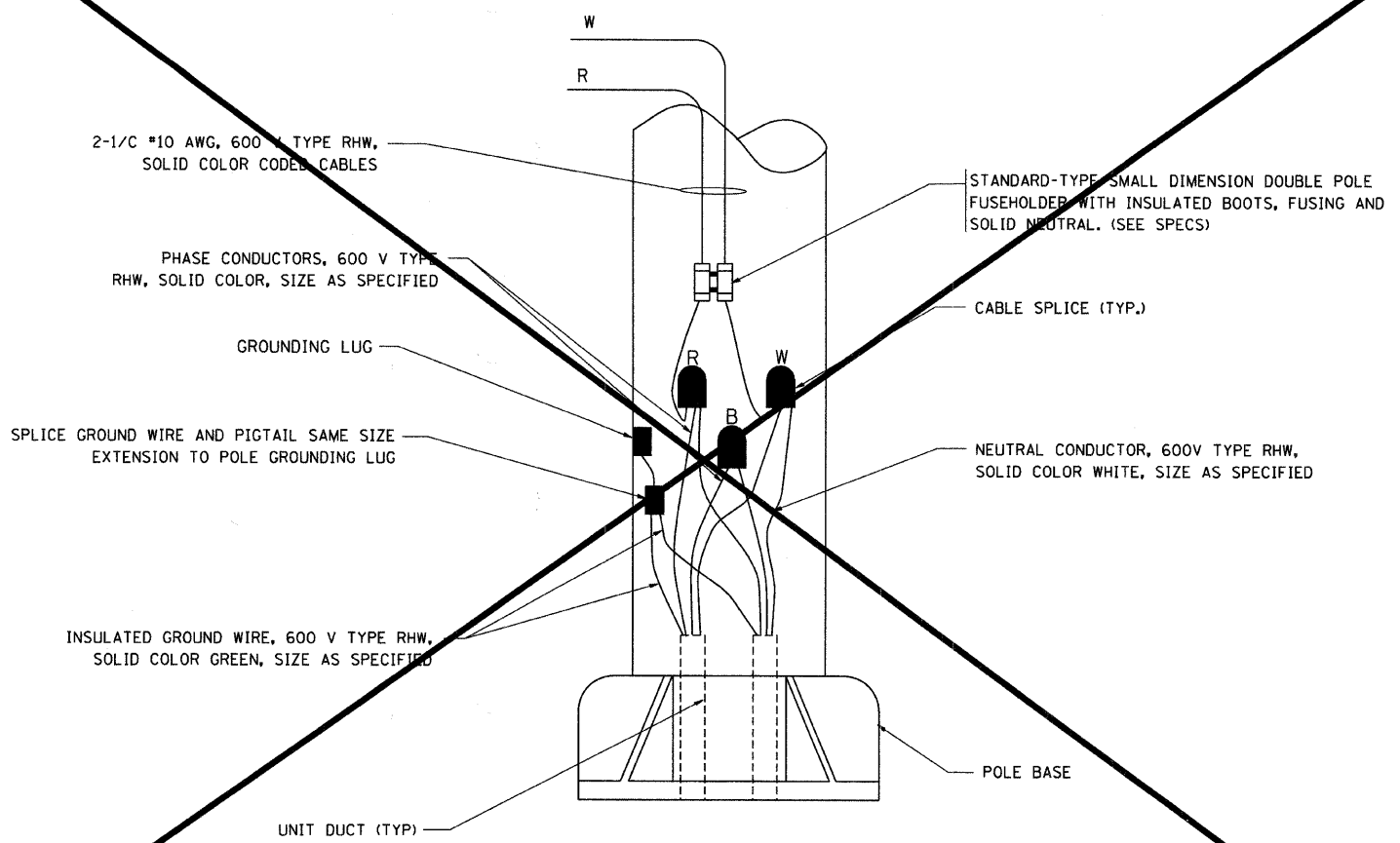
TYPICAL SPLICE DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.



POLE WIRING DETAIL

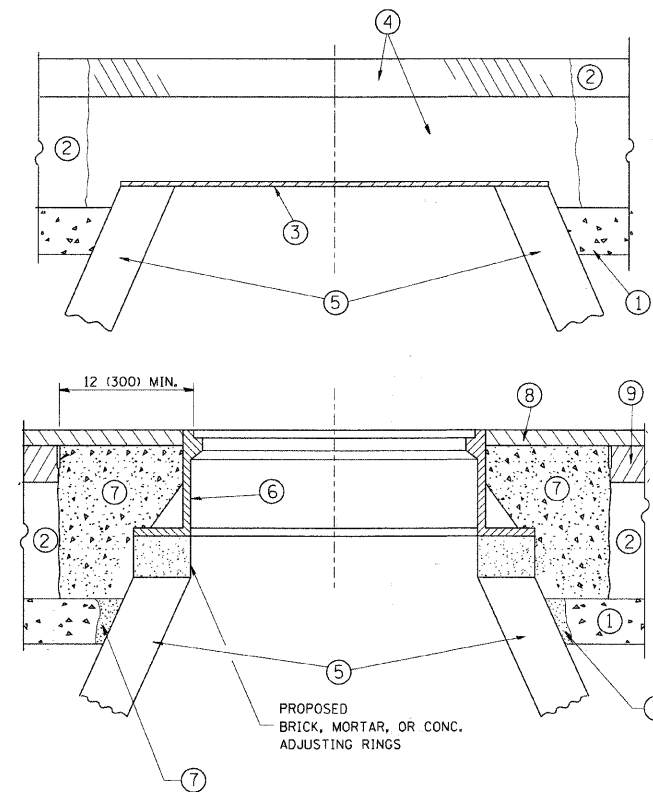
N.T.S.

PLOT DATE = 2/27/2007
 FILE NAME = K:\chassis\bar702.dgn
 PLOT NAME = BE-702 / IN.
 USER NAME = bbarndt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISC. ELECTRICAL DETAILS
 SHEET A

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE: 2/27/2007 BE-702
 REVISION DATE: 01/01/07



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL" NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

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

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

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

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

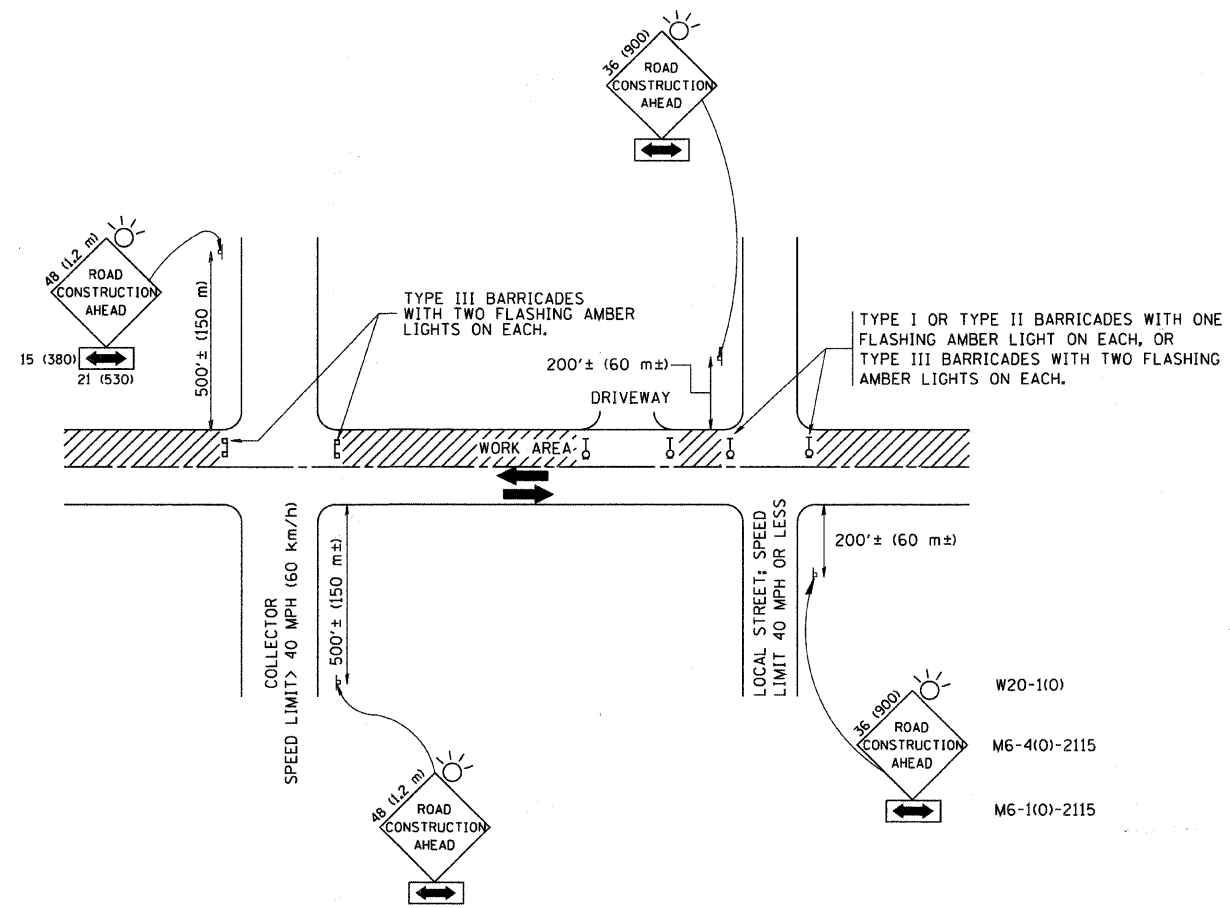
WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = lryso	DESIGNED - R. SHAH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or\pwork\pwork\lryso\d2108315\bd88.dwg		DRAWN -	REVISED - R. WIEDEMAN 05-14-04		348	10-00251-00-MS	COOK	16	15			
		PLOT SCALE = 49.9999 / IN.	REVISED - R. BORO 01-01-07		BD600-03 (BD-8)			CONTRACT NO. 63538				
		PLOT DATE = 3/18/2011	REVISED - R. BORO 03-09-11		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

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



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\diststd\22x34\tc10.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
		PLOT SCALE = 50,000' / IN.	CHECKED -
		PLOT DATE = 1/4/2000	DATE - 06-89
			REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34B	10-00251-00-MS	COOK	26	16
TC-10			CONTRACT NO. 63538	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				