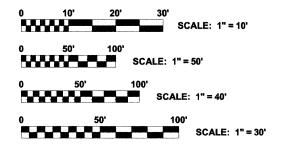
PROJECT LOCATED IN THE VILLAGE OF WESTCHESTER

POSTED SPEED LIMIT = 30 MPH

DESIGN SPEED LIMIT = 35 MPH

TRAFFIC DATA

2007 ADT = 28.000



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.

Know what's **below**. Call before you dig.

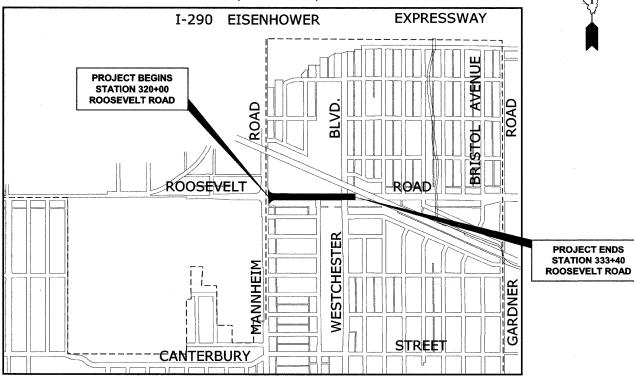
CONTRACT NO. 63183

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID PROJECT TRANSPORTATION CORRIDOR **BEAUTIFICATION PROJECT ROOSEVELT ROAD (FAP 347)(ILLINOIS ROUTE 38) MANNHEIM ROAD TO WESTCHESTER BOULEVARD SECTION NO. 06-00071-00-SW** PROJECTÁRA - 00D1 (701) **VILLAGE OF WESTCHESTER**

COOK COUNTY JOB NO. C-91-020-07

LOCATION MAP

TOWNSHIP 39 NORTH, RANGE 12 EAST, PROVISO TOWNSHIP



- AREA OF IMPROVEMENT GROSS AND NET LENGTH OF IMPROVEMENT = 1,340 FT. = 0.254 MI. FAP 347 06-00071-00-SW ILLINOIS PROJECT TE-00D1(70)



HILL CHENTOPHER HOLT STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



04-16-09

E.H.E. NO. 838-06-26320

ROUTE NO. SECTION FAP 347 06-000071-00-SW соок ILLINOIS PROJECT TE-00D1(701) VILLAGE SECTION

CONTRACT NO. 63183

LEGEND OF SYMBOLS

- (то	BE USED	IN	CONJU	JNCTIO	HTIW N	I.D.O.	T. ST	ANDARD	000001~	04)

SYMBOL	DESCRIPTION
Ø	EXISTING POWER POLE
Δ	EXISTING GAS VALVE
-6>>0	EXISTING STREET LIGHT
ф ——	EXISTING STREET LIGHT
Ø	EXISTING WATER MAIN BUFFALO BOX
Ø	EXISTING FIRE HYDRANT
	EXISTING WATER MAIN VALVE VAULT
©	EXISTING MANHOLE
	EXISTING INLET
0	EXISTING CATCH BASIN
(3)	EXISTING TREE
Α	EXISTING HOT-MIX ASPHALT AREA
С	EXISTING CONCRETE AREA
G	EXISTING GRASS AREA
8	EXISTING STONE OR GRAVEL AREA
M	EXISTING MULCH AREA
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING ELECTRIC LINE
	EXISTING GAS LINE
T	EXISTING TELEPHONE LINE
material W promotocontribution.	EXISTING WATER MAIN
	EXISTING CURB AND GUTTER
—————————————————————————————————————	EXISTING RIGHT OF WAY EXISTING STRUCTURE TO BE REMOVED
Ø _F	EXISTING STRUCTURE TO BE REMOVED EXISTING STRUCTURE TO BE FILLED
	EXISTING STRUCTURE TO BE FILLED EXISTING CURB AND GUTTER TO BE REMOVED
	EXISTING HOT-MIX ASPHALT SURFACE TO BE REMOVED
	EXISTING GRASS AREA TO BE REMOVED
///,c///	EXISTING CONCRETE AREA TO BE REMOVED
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
 (PROPOSED COMBINATION SEWER
W	PROPOSED WATER MAIN
•	PROPOSED MANHOLE
_	PROPOSED INLET
•	PROPOSED CATCH BASIN
. A	STRUCTURE TO BE ADJUSTED
1C	TYPE 1 FRAME & CLOSED LID
1P	TYPE 1 FRAME & OPEN LID
RC	RECONSTRUCT EXISTING STRUCTURE
~ ~	PROPOSED DIRECTION OF FLOW
- \$	PROPOSED SUMMIT
Α	PROPOSED HOT-MIX ASPHALT AREA
	PROPOSED CONCRETE AREA
G	PROPOSED GRASS AREA
	PROPOSED DECORATIVE BRICK SIDEWALK
X	PEDESTRIAN STREET LIGHT
×	PROPOSED PEDESTRIAN STREET LIGHT
	PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

REVISION:	+ Civil Engineers + Municipal Consultants West ENGINEERING + Established 1911
	VILLAGE OF WESTCHESTER
	ROOSEVELT ROAD (FAP 347
	BEAUTIFICATION PROJECT
	INDEX OF SHEETS,
	LEGEND OF SYMBOLS, GENERAL
	& I.D.O.T. STANDARD MARKIN
	 DRAWN BY:

NOTES, IGS

CHECKED BY: JCG DATE: 04/15/09 E.H.E. PROJECT NO.: 838-06-26320

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, LOCATION MAP
2	INDEX OF SHEETS, LEGEND OF SYMBOLS, GENERAL NOTES, & I.D.O.T. STANDARD DRAWINGS
3	SUMMARY OF QUANTITIES
4-5	TYPICAL CROSS SECTIONS
6-8	PLAN SHEETS
9	ROADWAY DETAILS
10	VILLAGE ENTRY SIGN DETAILS
11-13	LIGHTIŇG PLANS
14	WIRING DIAGRAM
15-16	LIGHTING DETAILS
17	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)

I.D.O.T. STANDARD DRAWINGS

STANDARD NO.	TITLE OR DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
701501-05	URBAN LANE CLOSURE, 2 L, 2 W, UNDIVIDED
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE, 1 W OR 2 W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

ACCESS

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN INGRESS AND EGRESS FOR EMERGENCY VEHICLES INGRESS AND EGRESS ONTO PRIVATE & COMMERCIAL PROPERTY DURING THE CONSTRUCTION PERIOD. DURING CONSTRUCTION, GARBAGE TRUCKS MUST BE PERMITTED ACCESS TO THE WORK ZONE IN ORDER TO PICK UP RESIDENTIAL AND COMMERCIAL GARBAGE FOR THOSE PROPERTIES FRONTING THE WORK ZONE. IF GARBAGE TRUCK ACCESS IS NOT PROVIDED, THE CONTRACTOR WILL BE REQUIRED TO MOVE TRASH CONTAINERS TO AN ACCESSIBLE LOCATION.

STANDARDS

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT AS SHOWN ON THE INDEX OF SHEETS IN THE PLANS.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THE DATA IS ESSENTIALLY CORRECT, BUT THE VILLAGE OF BROOKFIELD, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S

ADJUSTMENTS REQUIRED BY UTILITY COMPANIES WILL BE PERFORMED BY THE COMPANY INVOLVED OR ITS CONTRACTOR.

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

THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE REMOVAL OF ABANDONED EXISTING GAS LINES SINCE RESIDUAL MATERIALS CONTAINED THEREIN ARE HIGHLY EXPLOSIVE, FLAMMABLE, AND TOXIC. ONCE THE MAINS ARE ABANDONED BY THE OWNER, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DAMAGE AND/OR INJURY OCCURRING ON THE PROJECT DUE TO HIS OPERATIONS NEXT TO THE MAINS AND/OR THE METHOD OF REMOVAL OF THE ABANDONED MAINS. UNDER NO CIRCUMSTANCE SHALL THE UTILITY COMPANIES BE HELD LIABLE FOR ANY DAMAGE AND/OR INJURY ONCE THEIR MAINS HAVE BEEN RELOCATED AND THE EXISTING ABANDONED.

FIELD OFFICE

THE CONTRACTOR WILL NOT BE REQUIRED TO SET UP A FIELD OFFICE

BARRICADES

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED, ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL

SAW CUTTING

THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AND CONCRETE PAVEMENT AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS. CARE SHALL BE TAKEN BY THE CONTRACTOR SO AS NOT TO DAMAGE THE REMAINING PAVEMENT DIRECTLY ADJACENT TO THE PAVEMENT TO BE REMOVED. ANY DAMAGE TO THE EXISTING PAVEMENT RESULTING FROM PAVEMENT REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE PRICE OF SAW CUTTING, AS NOTED ABOVE, SHALL BE INCLUDED IN THE PARTICULAR PAY ITEMS.

*	DEN	IOI	ES	SF	YECIA	LT	Υ	TEM.

[☼] DENOTES THAT A SPECIAL PROVISION HAS BEEN PROVIDED

ľ	ILLINOIS PROJ	ECT TE-00D1(773	\		
	FAP 347	06-000071-00-SW	соок	17	. 3
I	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS,	SHEET NO.

VILLAGE SECTION

CONTRACT NO. 63183

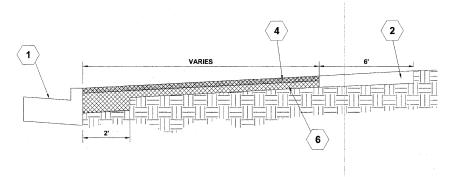
REVISION:	TANCOCK
	VILLAGE OF WESTCHESTER
	ROOSEVELT ROAD (FAP 347)
	BEAUTIFICATION PROJECT
	SUMMARY OF QUANTITIES
	DRAUBLEY. MV

SCALE: NONE

DRAWN BY: MK
CHECKED BY: JCG
DATE: 04/15/09

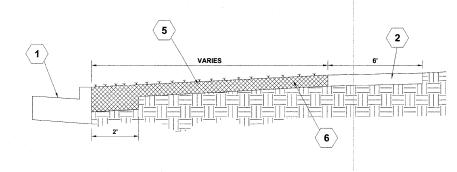
EXISTING TYPICAL CROSS SECTION

NORTH SIDE OF ROOSEVELT ROAD (STA. 320+00 TO STA. 325+87) SOUTH SIDE OF ROOSEVELT ROAD (STA. 320+00 TO STA. 323+05)



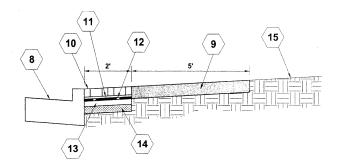
EXISTING TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 323+62 TO STA. 324+19) (STA. 324+45 TO STA. 325+71) (STA. 325+87 TO STA. 326+07) (STA. 326+33 TO STA. 326+50) (STA. 326+70 TO STA. 326+84)



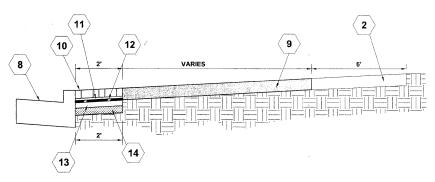
EXISTING TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 326+84 TO STA. 326+96) (STA. 327+16 TO STA. 327+44) (STA. 327+89 TO STA. 328+07)



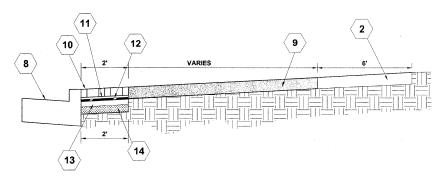
PROPOSED TYPICAL CROSS SECTION

NORTH SIDE OF ROOSEVELT ROAD (STA. 320+00 TO STA. 325+87) SOUTH SIDE OF ROOSEVELT ROAD (STA. 320+00 TO STA. 323+05)



PROPOSED TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 323+62 TO STA. 324+19) (STA. 324+45 TO STA. 325+71) (STA. 325+87 TO STA. 326+07) (STA. 326+33 TO STA. 326+50) (STA. 326+70 TO STA. 326+84)



PROPOSED TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 326+84 TO STA. 326+96) (STA. 327+16 TO STA. 327+44) (STA. 327+89 TO STA. 328+07)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 347	06-000071-00-SW	соок	17	4
ILLINOIS PROJ	ECT TE-00D1(76))		
VILLAGE SECTI	ON .			

CONTRACT NO. 63183

TYPICAL CROSS SECTION LEGEND

EXISTING

- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 (ONLY CERTAIN DETERIORATED SECTIONS TO BE REMOVED)
 (REMOVAL TO BE PAID AS COMBINATION CONCRETE CURB & GUTTER REMOVAL)
- 2 CONCRETE SIDEWALK
- 3 SIDEWALK REMOVAL
- ASPHALT SURFACE, ±3"
 (REMOVAL TO BE INCLUDED IN PAY ITEM FOR EARTH EXCAVATION)
- GRASS PARKWAY (REMOVAL TO BE INCLUDED IN PAY ITEM FOR EARTH EXCAVATION)
- 6 EARTH EXCAVATION
- 7 EXISTING PARKWAY AS NOTED ON PLANS

PROPOSED

- 8 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (ONLY CERTAIN DETERIORATED SECTIONS TO BE REPLACED)
- 9 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- BRICK PAVER, 2-3/8"
 (INCLUDED IN PAY ITEM FOR DECORATIVE BRICK SIDEWALK)
- SAND CUSHION, 1"
 (INCLUDED IN PAY ITEM FOR DECORATIVE BRICK SIDEWALK)
- 12 FILTER FABRIC (INCLUDED IN PAY ITEM FOR DECORATIVE BRICK SIDEWALK)
- (13) PORTLAND CEMENT CONCRETE BASE COURSE, 3"
- COMPACTED CA-6 STONE BEDDING, 4"
 (INCLUDED IN PAY ITEM FOR PORTLAND
 CEMENT CONCRETE BASE COURSE, 3")
- (15) PARKWAY RESTORATION AS NOTED ON PLANS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
ITEM DESCRIPTION	AC TYPE	VOIDS			
INCIDENTAL HOT-MIX ASPHALT SURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, (IL9.5mm), 3"	PG 64-22	4% @ 50 GYR.			

THE UNIT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

REVISION:

TANCOCK

CIVIL Engineers

Municipal Consultants

VILLAGE OF WESTCHESTER

ROOSEVELT ROAD (FAP 347)

BEAUTIFICATION PROJECT

TYPICAL CROSS SECTIONS

DRAWN BY:

CHECKED BY:

JCG

SCALE: NONE

CIVIL Engineers

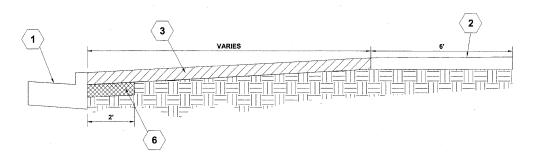
Municipal Consultants

VullLage OF WESTCHESTER

ROOSEVELT ROAD (FAP 347)

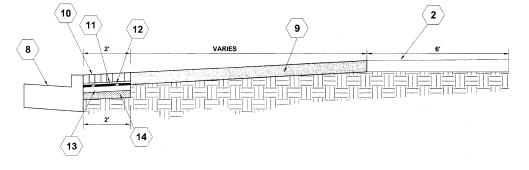
BEAUTIFICATION PROJECT

TYPICAL CROSS SECTIONS



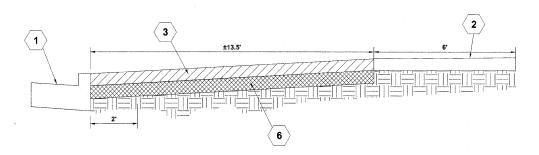
EXISTING TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 326+07 TO STA. 326+33)



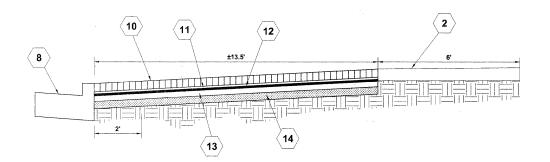
PROPOSED TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 326+07 TO STA. 326+33)



EXISTING TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 327+44 TO STA. 327+64)



PROPOSED TYPICAL CROSS SECTION

SOUTH SIDE OF ROOSEVELT ROAD (STA. 327+44 TO STA. 327+64)

TYPICAL CROSS SECTION LEGEND

EXISTING

- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 (ONLY CERTAIN DETERIORATED SECTIONS TO BE REMOVED)
 (REMOVAL TO BE PAID AS COMBINATION CONCRETE CURB & GUTTER REMOVAL)
- 2 CONCRETE SIDEWALK
- 3 SIDEWALK REMOVAL
- 4 ASPHALT SURFACE, ±3"
 (REMOVAL TO BE INCLUDED IN PAY ITEM FOR EARTH EXCAVATION)
- GRASS PARKWAY
 (REMOVAL TO BE INCLUDED IN PAY ITEM FOR EARTH EXCAVATION)
- 6 EARTH EXCAVATION
- 7 EXISTING PARKWAY AS NOTED ON PLANS

PROPOSED

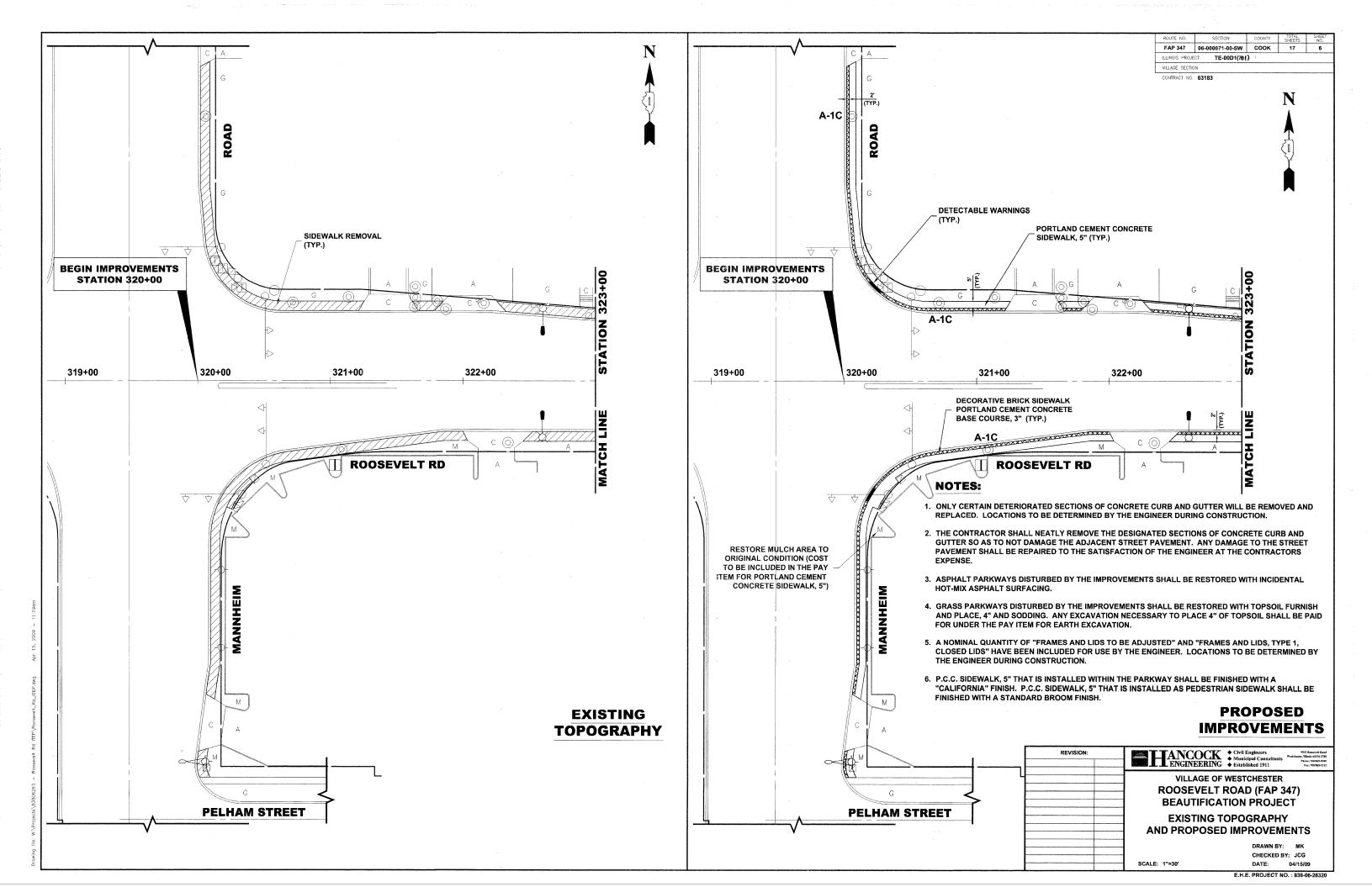
- 8 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (ONLY CERTAIN DETERIORATED SECTIONS TO BE REPLACED)
- 9 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- BRICK PAVER, 2-3/8"
 (INCLUDED IN PAY ITEM FOR DECORATIVE BRICK SIDEWALK)
- SAND CUSHION, 1"
 (INCLUDED IN PAY ITEM FOR DECORATIVE BRICK SIDEWALK)
- FILTER FABRIC (INCLUDED IN PAY ITEM FOR DECORATIVE BRICK SIDEWALK)
- 13 PORTLAND CEMENT CONCRETE BASE COURSE, 3"
- COMPACTED CA-6 STONE BEDDING, 4"
 (INCLUDED IN PAY ITEM FOR PORTLAND
 CEMENT CONCRETE BASE COURSE, 3")
- (15) PARKWAY RESTORATION AS NOTED ON PLANS

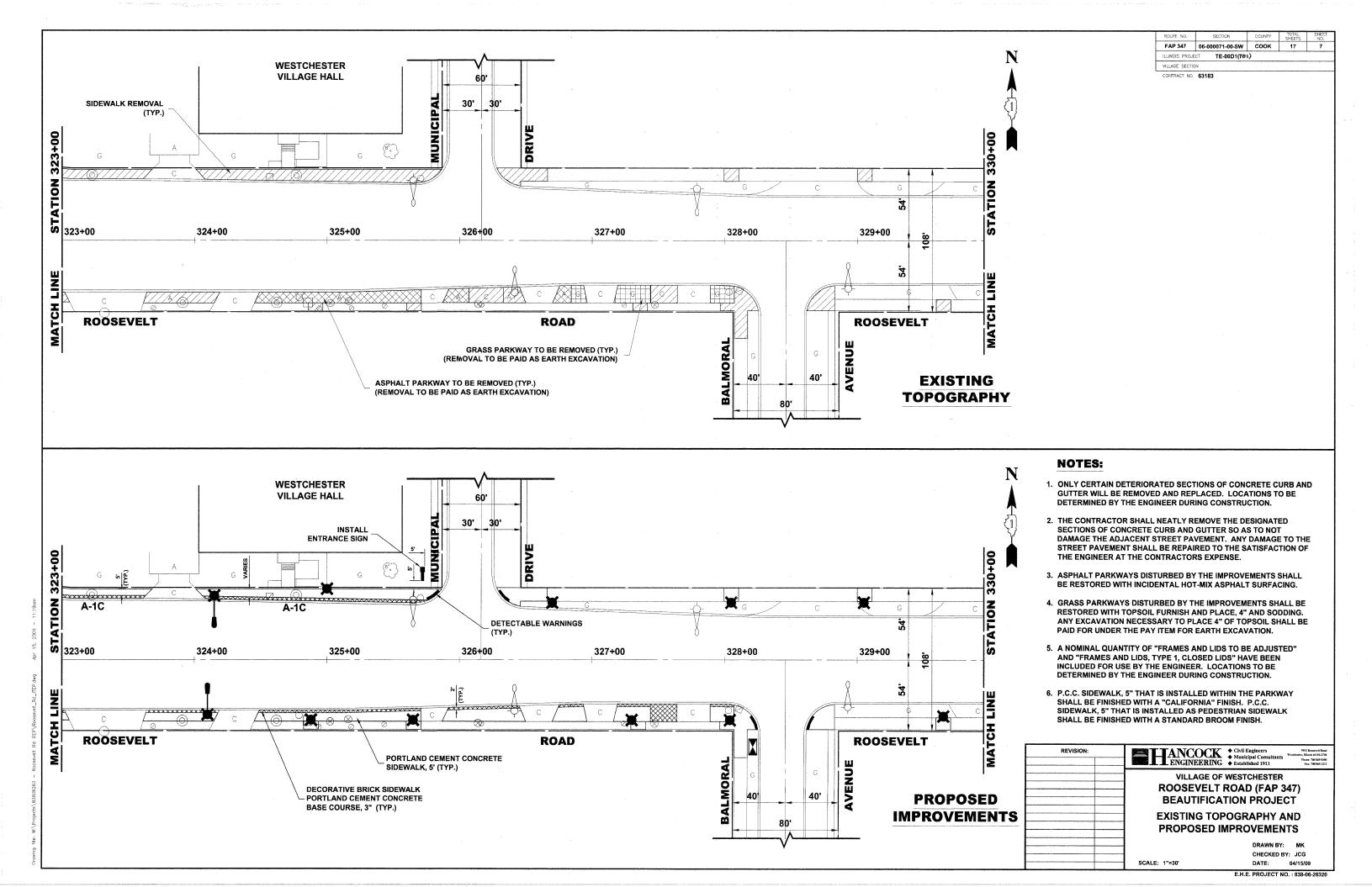
REVISION:	**SUbservation Country
	VILLAGE OF WESTCHESTER ROOSEVELT ROAD (FAP 347) BEAUTIFICATION PROJECT
	TYPICAL CROSS SECTIONS
	DRAWN BY: MK
	CHECKED BY: JCG

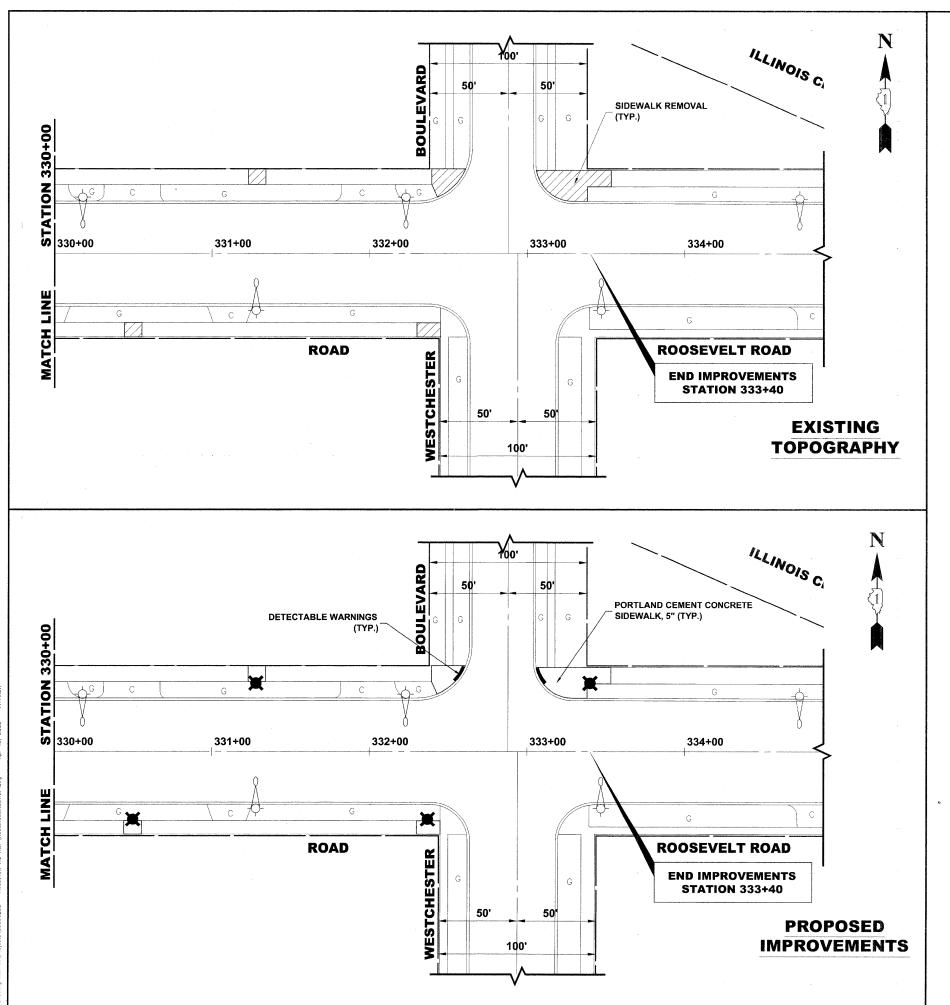
E.H.E. PROJECT NO.: 838-06-26320

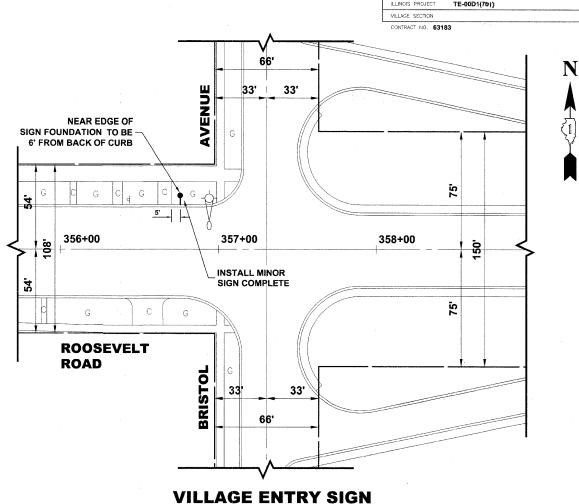
CALE: NONE

DATE: 04/15/09









ROUTE NO.

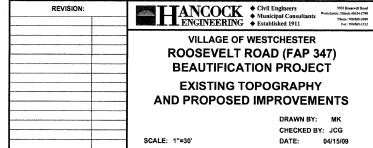
FAP 347 06-000071-00-SW

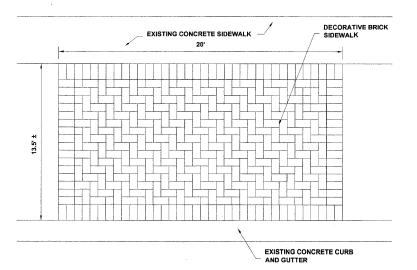
NOTES:

 ONLY CERTAIN DETERIORATED SECTIONS OF CONCRETE CURB AND GUTTER WILL BE REMOVED AND REPLACED. LOCATIONS TO BE DETERMINED BY THE ENGINEER DURING CONSTRUCTION.

LOCATION

- 2. THE CONTRACTOR SHALL NEATLY REMOVE THE DESIGNATED SECTIONS OF CONCRETE CURB AND GUTTER SO AS TO NOT DAMAGE THE ADJACENT STREET PAVEMENT. ANY DAMAGE TO THE STREET PAVEMENT SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTORS EXPENSE.
- 3. ASPHALT PARKWAYS DISTURBED BY THE IMPROVEMENTS SHALL BE RESTORED WITH INCIDENTAL HOT-MIX ASPHALT SURFACING.
- 4. GRASS PARKWAYS DISTURBED BY THE IMPROVEMENTS SHALL BE RESTORED WITH TOPSOIL FURNISH AND PLACE, 4" AND SODDING. ANY EXCAVATION NECESSARY TO PLACE 4" OF TOPSOIL SHALL BE PAID FOR UNDER THE PAY ITEM FOR EARTH EXCAVATION.
- 5. A NOMINAL QUANTITY OF "FRAMES AND LIDS TO BE ADJUSTED" AND "FRAMES AND LIDS, TYPE 1, CLOSED LIDS" HAVE BEEN INCLUDED FOR USE BY THE ENGINEER. LOCATIONS TO BE DETERMINED BY THE ENGINEER DURING CONSTRUCTION.
- 6. P.C.C. SIDEWALK, 5" THAT IS INSTALLED WITHIN THE PARKWAY SHALL BE FINISHED WITH A "CALIFORNIA" FINISH. P.C.C. SIDEWALK, 5" THAT IS INSTALLED AS PEDESTRIAN SIDEWALK SHALL BE FINISHED WITH A STANDARD BROOM FINISH.

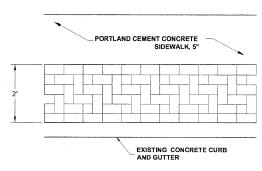




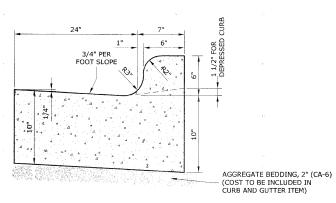
BRICK PATTERN DETAIL SOUTH SIDE OF ROOSEVELT ROAD (STA. 327+44 TO 327+64)

A 3/4" PREMOLDED, NON-EXTENDING JOINT FILLER TO CONFORM WITH CURB AND GUTTER CROSS SECTION. TRIM ANY EXCESS. GREASED PLASTIC EXPANSION JOINT. GUTTER SECTION CONCRETE CURB AND GUTTER SECTION CONCRETE CURB AND GUTTER SECTION TYPICAL CURB AND GUTTER 3/4" PREMOLDED, NON-EXTENDING JOINT FILLER AT EXPANSION JOINT. SEE NOTES FOR LOCATIONS. GREASED PLASTIC EXPANSION CAP NOTE: 1. EXPANSION JOINTS ARE TO BE CONSTRUCTED AT ALL PC'S AND PT'S OF INTERSECTION RETURNS AND ALL OTHER SHORT RADIUS SECTIONS, CONSTRUCTION JOINTS & AS DIRECTED BY THE ENGINEER.

EXPANSION JOINT



DECORATIVE BRICK SIDEWALK PATTERN DETAIL



COMBINATION CONCRETE
CURB & GUTTER
TYPE B-6.24 (SPECIAL)

GENERAL NOTES

DEPRESSED CURBS - THE TOP OF CURBS SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED AT HANDICAP ACCESSIBLE SIDEWALK RAMPS AT ALLEY RETURNS AND STREET INTERSECTIONS, AND FOR PRIVATE DRIVES AND AS DIRECTED BY THE ENGINEER.

<u>DRAINAGE OPENINGS</u> - AT ALL LOCATIONS WHERE CASTINGS ARE TO BE INCORPORATED IN THE CURB AND GUTTER, A 3/4" EXPANSION JOINT SHALL BE INSTALLED IN THE CURB AND GUTTER A DISTANCE OF 5 FT. FROM EACH SIDE OF THE CASTING. 2-NO. 4 RE-BARS, 9' IN LENGTH, SHALL BE INCORPORATED IN THE CONTINUOUS PORTION OF CONCRETE CURB BEHIND THE CASTING.

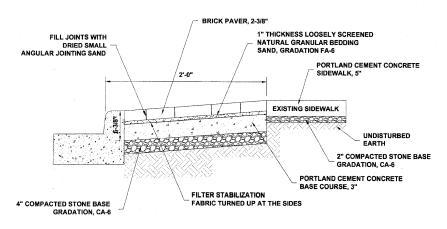
<u>DEPRESSED CURB HEIGHT</u> - THE HEIGHT OF THE DEPRESSED CURB SHALL BE 1-1/2" AT DRIVEWAYS. SEE IDOT STANDARD 424001-04 FOR HEIGHT AT SIDEWALK RAMP.

BITUMINOUS EXPANSION JOINTS- THREE QUARTER INCH (3/4") BITUMINOUS PREMOLDED INORGANIC FIBER EXPANSION JOINTS SHALL BE INSTALLED WHERE NEW SIDEWALK OR CURB AND GUTTER OR DRIVEWAY PAVEMENT ABUTS AN EXISTING CONCRETE WALK, DRIVE, OR CURB WHICH IS TO REMAIN IN PLACE, AND AT NOT LESS THAN NINETY FOOT (90') INTERVALS AT LOCATIONS WHERE CURB REPLACEMENT IS IN EXCESS OF NINETY FEET (90'); AT RADIUS POINTS, AT BOTH SIDES OF FRAMES AND GRATES WHICH FALL IN THE CURB; AND AS DIRECTED BY THE ENGINEER.

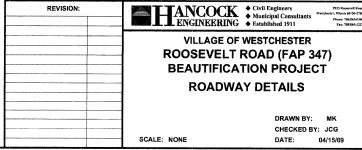
ALL EXPANSION JOINTS LOCATED IN THE CURB AND GUTTER SHALL HAVE TWO (2) THREE QUARTER INCH (3/4") DIAMETER, SMOOTH, ROUND, EPOXY COATED DOWEL BARS, EIGHTEEN INCHES (18") IN LENGTH, WITH GREASED PLASTIC END CAPS INSERTED TO ALLOW THE CURB AND GUTTER TO EXPAND AND CONTRACT LATERALLY. CONTRACTION JOINTS SHALL BE TOOLED INTO THE CURB AND GUTTER AT INTERVALS NOT TO EXCEED FIFTEEN FEET (15'). THESE CONTRACTION JOINTS SHALL BE SAW CUT TO A DEPTH OF TWO INCHES (2") WITHIN TWENTY-FOUR (24) HOURS OF CONCRETE PLACEMENT. THE COST OF THE ABOVE WORK SHALL BE INCLUDED INT THE RESPECTIVE ITEMS FOR CONCRETE INSTALLATION.

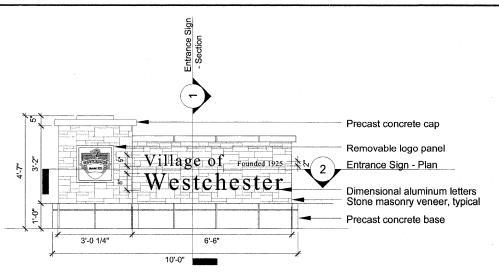
CURB AND GUTTER REMOVAL

THE COSTS FOR REMOVAL OF ANY ASPHALT OVERLAY THAT EXTENDS INTO THE GUTTER PORTION OF THE CURB AND GUTTER WILL BE INCLUDED IN THE PRICE FOR COMBINATION CURB AND GUTTER REMOVAL.

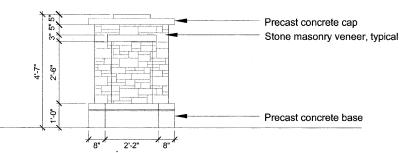


DECORATIVE BRICK SIDEWALK DETAIL

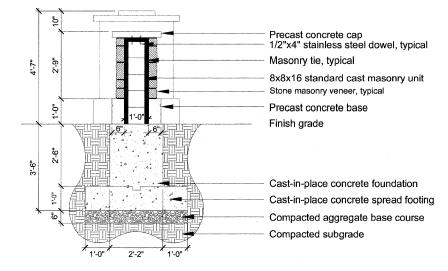




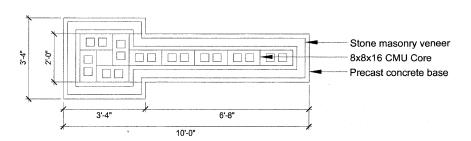
ENTRANCE SIGN - FRONT ELEVATION



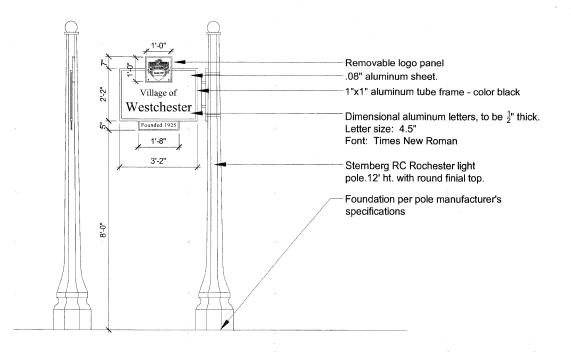
ENTRANCE SIGN - SIDE ELEVATION



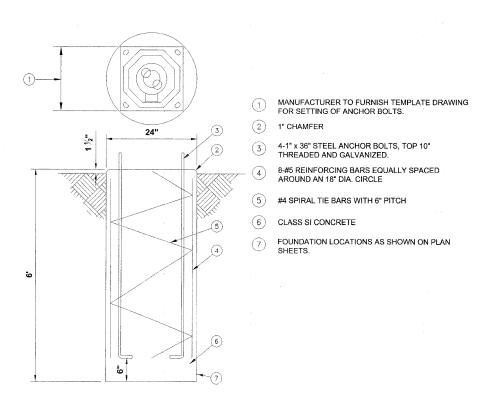
ENTRANCE SIGN - SECTION



ENTRANCE SIGN - PLAN



MINOR SIGN COMPLETE



SIGN POLE FOUNDATION

Signage General Notes

1. Sign fabricator to submit shop drawings including all materials, connection methods, sizing, text, layout and color designations per details as shown on plans. If modifications are proposed by the fabricator, provide comprehensive explanation to the owner's representative for review. The owner's representative has sole discretion to approve or reject the proposed modifications to achieve a superior product.

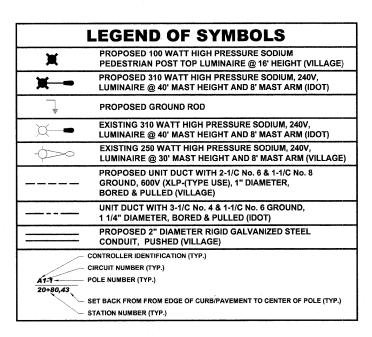
FAP 347 06-000071-00-SW

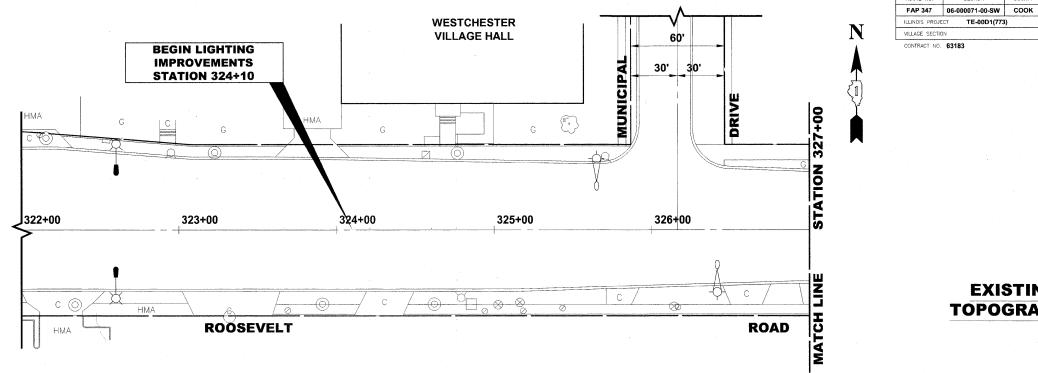
ILLINOIS PROJECT TE-00D1(701)

VILLAGE SECTION CONTRACT NO. 63183 соок

- 2. Sign fabricator to submit manufacturer's product information for poles and vinyl film, color chip samples of all specified colors, and mock-ups of all artwork, logos, graphics and text for approval by the owner's representative prior to fabrication.
- 3. All aluminum materials to be powder coated per the specifications, colors as indicated on details.
- 4. Refer to specifications for additional information, standards and notes.
- 5. Drawings to be provided in an electronic format upon request for further dimensional detail.
- 6. Structural Engineer's stamp required on sign frames.

TANCOCK + Civil Engineers
Municipal Consult
ENGINEERING + Established 1911 REVISION: **VILLAGE OF WESTCHESTER ROOSEVELT ROAD (FAP 347) BEAUTIFICATION PROJECT VILLAGE ENTRY SIGN DETAILS** DRAWN BY: MK CHECKED BY: JCG SCALE: NONE DATE: 04/15/09





EXISTING TOPOGRAPHY

TE-00D1(773

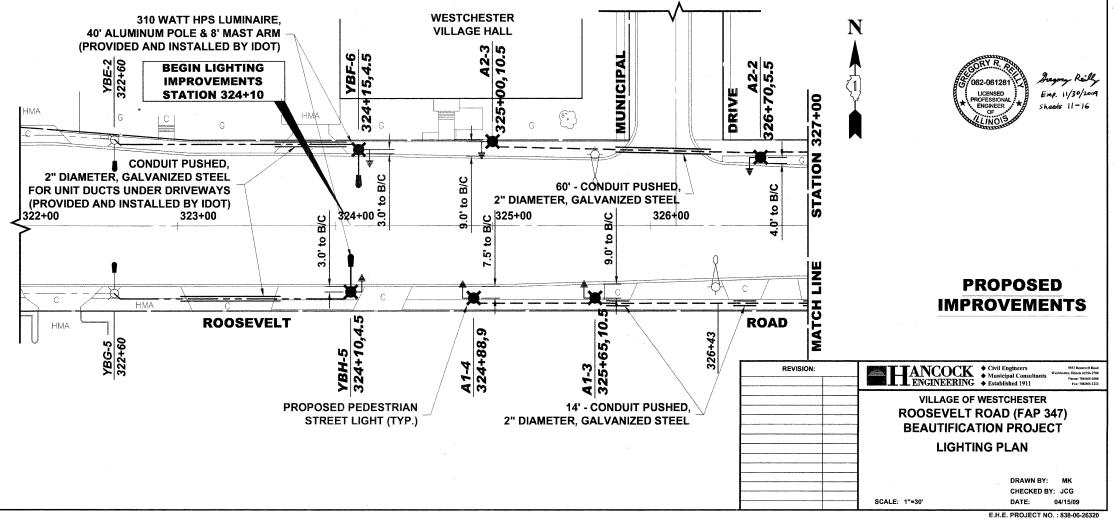
LIGHTING GENERAL NOTES

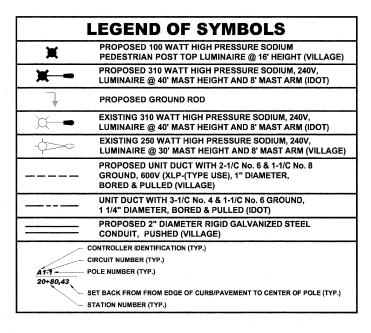
- 1. ALL LIGHTING UNITS SHALL BE LABELED AS DIRECTED BY THE ENGINEER. LIGHTING UNIT NUMBERING SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- 3. AFTER UNIT DUCT IS INSTALLED, FOUNDATION RACEWAYS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
- 4. ALL THREADS OF BOLTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SIEZE COMPOUND PRIOR TO ASSEMBLY.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 811. A MINIMUM OF FORTY- EIGHT (48) HOURS

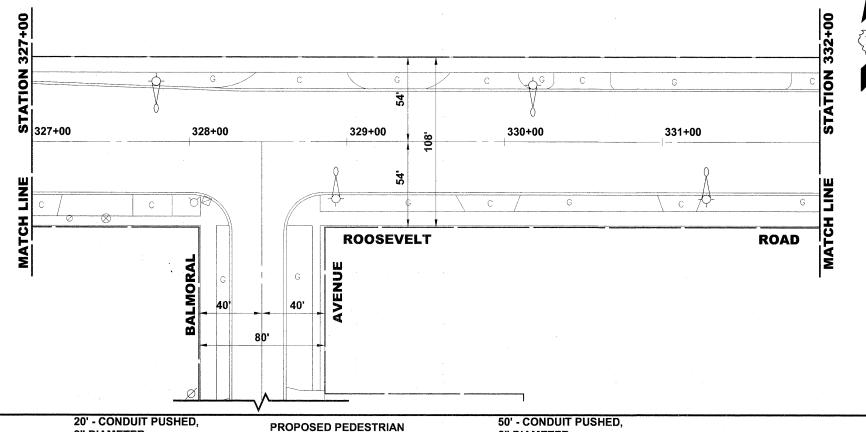
MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF IMPROVEMENT: ROOSEVELT ROAD (FAP 347) FROM MANNHEIM ROAD TO WESTCHESTER BOULEVARD

- COMMONWEALTH EDISON
- VILLAGE OF WESTCHESTER
- AMERITECH
- ILLINOIS DEPARTMENT OF TRANSPORTATION









EXISTING TOPOGRAPHY

FAP 347 06-000071-00-SW COOK

TE-00D1(773)

ILLINOIS PROJECT

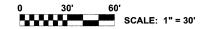
CONTRACT NO. 63183

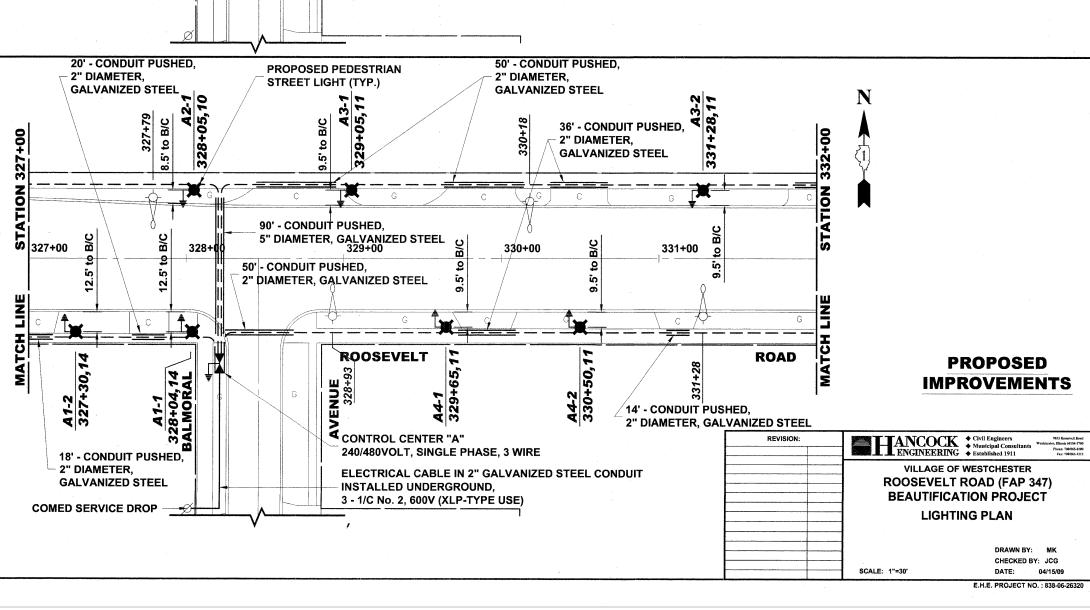
LIGHTING GENERAL NOTES

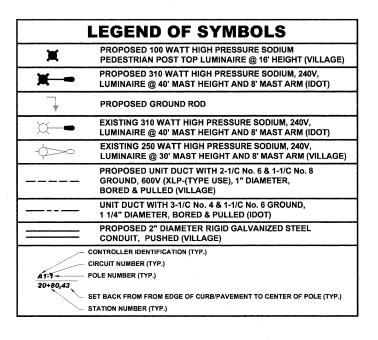
- 1. ALL LIGHTING UNITS SHALL BE LABELED AS DIRECTED BY THE ENGINEER. LIGHTING UNIT NUMBERING SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER
- 3. AFTER UNIT DUCT IS INSTALLED, FOUNDATION RACEWAYS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
- 4. ALL THREADS OF BOLTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SIEZE COMPOUND PRIOR TO ASSEMBLY.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 811. A MINIMUM OF FORTY- EIGHT (48) HOURS

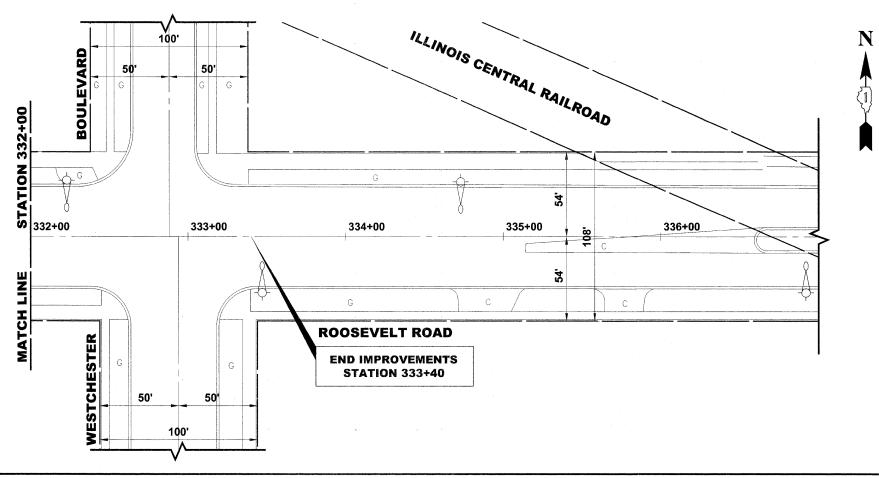
MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF IMPROVEMENT: ROOSEVELT ROAD (FAP 347) FROM MANNHEIM ROAD TO WESTCHESTER BOULEVARD

- COMMONWEALTH EDISON
- NICOR
- VILLAGE OF WESTCHESTER
- ILLINOIS DEPARTMENT OF TRANSPORTATION









EXISTING TOPOGRAPHY

FAP 347 06-000071-00-SW COOK

TE-00D1(773)

ILLINOIS PROJECT

VILLAGE SECTION

CONTRACT NO. 63183

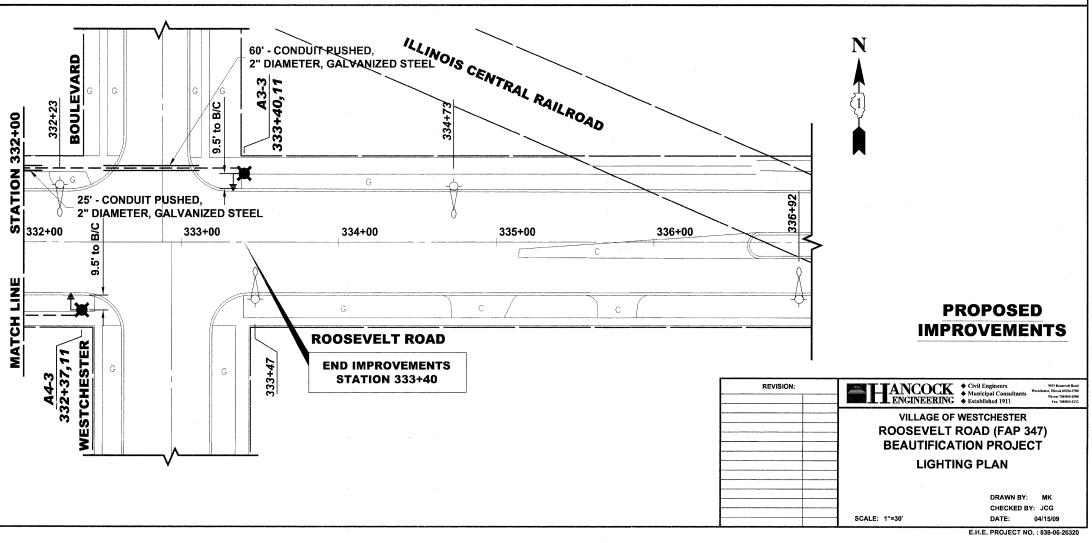
LIGHTING GENERAL NOTES

- 1. ALL LIGHTING UNITS SHALL BE LABELED AS DIRECTED BY THE ENGINEER. LIGHTING UNIT NUMBERING SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- 3. AFTER UNIT DUCT IS INSTALLED, FOUNDATION RACEWAYS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
- 4. ALL THREADS OF BOLTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SIEZE COMPOUND PRIOR TO ASSEMBLY.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 811. A MINIMUM OF FORTY- EIGHT (48) HOURS ADVANCE NOTICE ID REQUIRED.

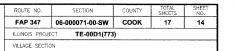
MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF IMPROVEMENT:
ROOSEVELT ROAD (FAP 347) FROM MANNHEIM ROAD TO WESTCHESTER BOULEVARD

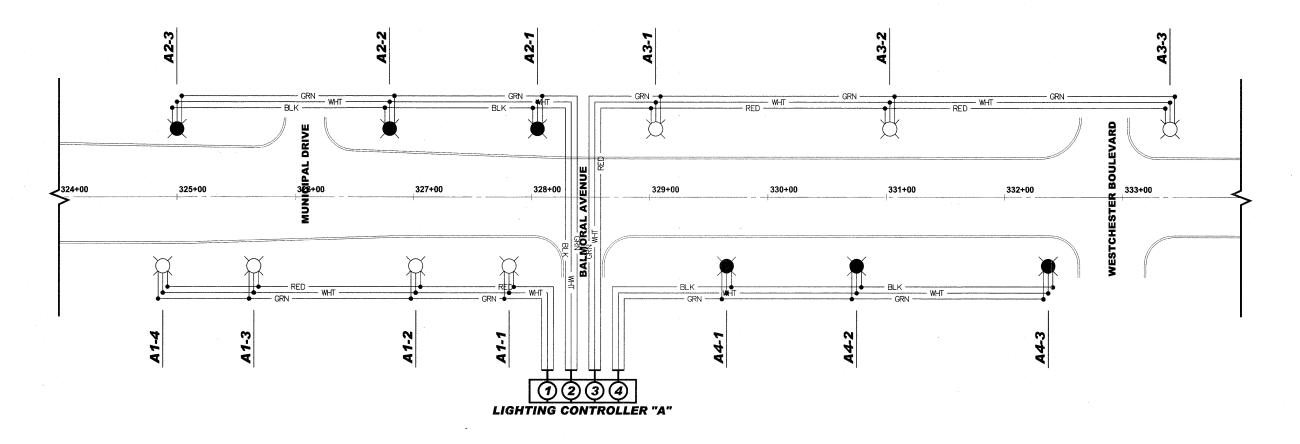
- COMMONWEALTH EDISON
- NICOR
- VILLAGE OF WESTCHESTER
- AMERITECH
- ILLINOIS DEPARTMENT OF TRANSPORTATION





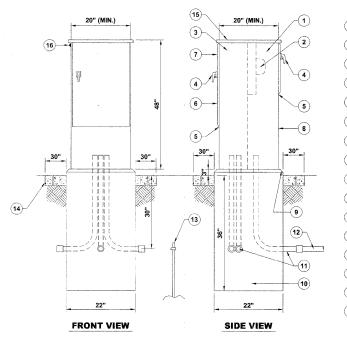
·	· ·
LEG	END OF SYMBOLS
BLK	240 VOLT PHASE CABLE (BLACK)
RED	240 VOLT PHASE CABLE (RED)
WI-IT	NEUTRAL CABLE (WHITE)
GRN	GROUND WIRE (GREEN)
***************************************	SPLICE
(PROPOSED 100 WATT HIGH PRESSURE SODIUM LUMINAIRE (240 VOLT) ON BLACK WIRE
Ø	PROPOSED 100 WATT HIGH PRESSURE SODIUM LUMINAIRE (240 VOLT) ON RED WIRE
A1-1	PROPOSED CIRCUIT/POLE NUMBER





			ONTRO		
CIRCUIT	PHAS	E - RED	CIRCUIT	PHASE	- BLACK
CIRCUII	AMPS	WATTS	CIRCUIT	AMPS	WATTS
1	2.4	576	2	1.8	432
3	1.8	432	4	1.8	432
TOTAL	4.2	1008	TOTAL	3.6	864

REVISION:	◆ Civil Engineers ◆ Municipal Cousultants ★ Municipal Cousultants ★ Engineering ◆ Established 1911
	VILLAGE OF WESTCHESTER ROOSEVELT ROAD (FAP 347) BEAUTIFICATION PROJECT WIRING DIAGRAM
	DRAWN BY: MK CHECKED BY: JCG SCALE: NONE DATE: 04/15/09



1 METERING SIDE OF CABINET

RINGLESS TYPE METER SOCKET, SUPPLIED BY OTHERS

(3) CONTROL CENTER SIDE OF CABINET

4 "V"-HANDLE LATCH & SHOOT BOLTS

5 RUBBER GASKET BETWEEN DOOR & BOX FLANGE

6 STAINLESS STEEL PIANO HINGE

7 FORMED DOOR

8 CONTROL CENTER BOX TO BE CONSTRUCTED OF 1/8" THICK SHEET ALUMINUM

POURED IN PLACE CLASS SI CONCRETE FOUNDATION

GALVANIZED STEEL CONDUITS 3" DIA.,
TWO MORE THAN NECESSARY

GALVANIZED STEEL CONDUITS 2" DIA., TO SERVICE POLE

GROUND ROD CONNECTED TO GROUND WIRE WITH EXOTHERMIC WELD

14) P.C.C. SIDEWALK, 5 INCH

15 VENTING TO BE ALONG ROOF LINE

PHOTO-ELECTRIC CELL TO BE INSTALLED UNDER ROOF LINE

CONTROL CENTER CABINET & FOUNDATION

DEVICE SCHEDULE				
C	QUANTITY	DESCRIPTION		
	1	100 AMP CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, SINGLE THROW, 600V FRAME, NON-INTERCHANGABLE TRIP, BOLT ON TYPE.		
	1	100 AMP, ELECTRICALLY OPERATED AND MECHANICALLY HELD LIGHTING CONTRACTOR, 2-POLE, 600 VOLT WITH 240 VOLT COIL		
)	8	120/240 VOLT 1 PHASE PANEL BOARD WITH 100 AMP COPPER MAINS SINGLE POLE, 40 AMP, 277 VOLT BOLT ON BRANCH CIRCUIT BREAKERS		
)	1	PHOTO-ELECTRIC CELL, 240 VOLT, MOUNT ON UNDERSIDE OF CABINET VENT		
)	2	THERMAL MAGNETIC, MOLDED CASE CIRCUIT BREAKER, 1 POLE, 15 AMP, 277 VOLT BOLT ON TYPE		
)	1	CONTROL SWITCH, TOGGLE TYPE, SPDT, 20 AMP, 240 VOLT SPECIAL GRADE		
)	1	240/120 VOLT STEP DOWN CONTROL TRANSFORMER 750 VA RATED		
)	1	MICRO SWITCH (MOUNTED WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN) 240 VOLT, 20 AMP		
)	1	60 WATT LIGHT FIXTURE VAPOR TIGHT WITH GLOBE, GUARD, AND MOUNTING BOX		
)	1	240 VOLT, 15 AMP RECEPTACLE, SPECIFICATION GRADE IN NEMA 5-15R WEATHER PROOF BOX WITH FLAP-TYPE COVER. OUTLET TO BE GFI-TYPE.		
)	1	POWER RELAY WITH 25 AMP CONTACTS RATED FOR CONTRACTOR INRUSH CURRENT - 240 VOLT COIL		
)	1	SURGE ARRESTOR TO WITHSTAND A SURGE CURRENT UP TO 20,000 AMPERES		
)	2	TERMINAL BLOCK, 240 VOLT, 50 AMP MAXIMUM WITH NUMBER OF TERMINALS AS INDICATED		

NOTES:

- ALL CIRCUIT BREAKERS SHALL HAVE AN INTERRUPT RATING OF 18,000 RMS SYMMETRICAL AMPS, AC
- 2. UL LISTED DEVICES/COMPONENTS SHALL BE USED
- 3. NO SPLICES OF WIRES IN CABINET
- 4. CONTROL WIRE TO BE #12 MTW
- 5. POWER WIRE SHALL BE RATED RHH/RHW 600 VOLTS OF SIZE INDICATED
- 6. LIGHTING CONTROLLER SHALL BE SERVICE ENTRANCE RATED PER UL 508(a)

240/480 VOLT CONTROLLER PANEL WIRING DIAGRAM

GROUND CONDUCTOR #2 AWG

- EDGE OF CABINET

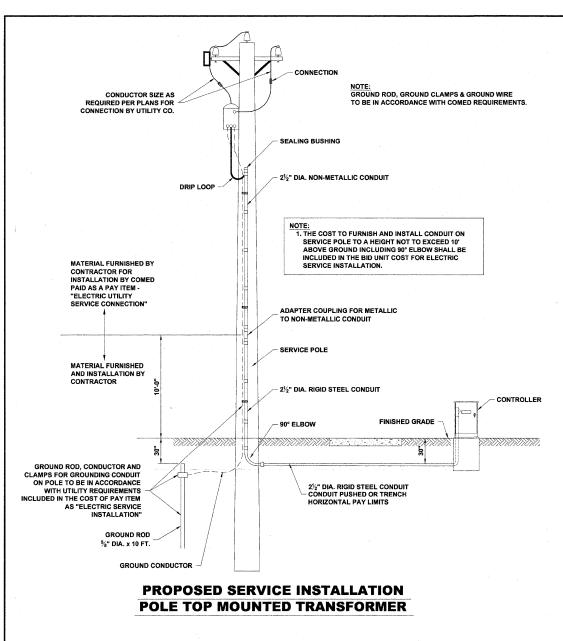
240/480V, 1 PHASE,
3 WIRE FROM
COMMONWEALTH
EDISON

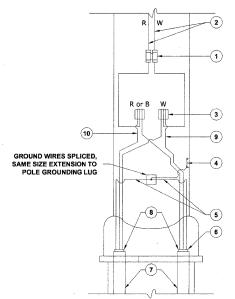
(B) (W)

(L)

MAIN OFF ON

> TANCOCK
>
> Civil Engineers
>
> Municipal Consults
>
> Established 1911 REVISION: **VILLAGE OF WESTCHESTER ROOSEVELT ROAD (FAP 347) BEAUTIFICATION PROJECT LIGHTING DETAILS** DRAWN BY: MK CHECKED BY: JCG SCALE: NONE DATE: 04/15/09

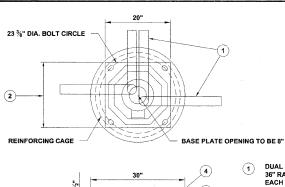


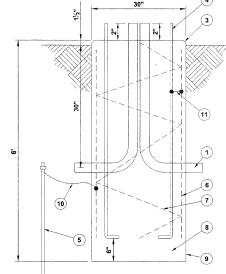


- 1 STANDARD-TYPE SMALL DIMENSION DOUBLE POLE FUSEHOLDER WITH INSULATED BOOTS, FUSING AND SOLID NEUTRAL. (SEE SPECS)
- 2 2-1/C #10 AWG, 600V TYPE RHW, SOLID COLOR CODED CABLES
- 3 SPLICE AS SPECIFIED
- 3/8" 16 TAPPED HOLE BE PROVIDED FOR GROUND LUG (U/L LISTED)
- 5 INSULATED GROUND WIRE, 600V TYPE RHW, SOLID COLOR GREEN, SIZE AS SPECIFIED
- 6 UNIT DUCT
- 7 3" P.V.C. CONDUIT RACEWAYS
- ENDS OF THE UNIT DUCT SHALL BE SEALED AGAINST THE ENTRANCE OF WATER
- 9 NEUTRAL CONDUCTOR, 600V TYPE RHW, SOLID COLOR WHITE, SIZE AS SPECIFIED
- (10) PHASE CONDUCTOR, 600V TYPE RHW, SOLID

NOTE: ALLOW 30" LOOP OF CABLES TO INSURE SUFFICIENT SLACK FOR WITHDRAWAL OF THE CONNECTORS OUTSIDE OF THE POLE HANDHOLE.

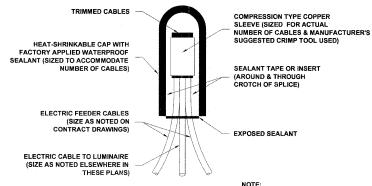
POLE HANDHOLE WIRING DIAGRAM





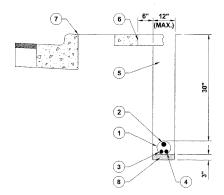
- DUAL 3" DIA. P.V.C. ELBOW RACEWAYS WITH 36" RADIUS, EITHER PARALLEL OR OPPOSITE EACH OTHER AS SHOWN ON PLAN SHEETS
- MANUFACTURER TO FURNISH TEMPLATE DRAWING FOR SETTING OF ANCHOR BOLTS
- 3 1" CHAMFER
- 4 1" x 60" STEEL ANCHOR BOLTS, TOP 10"
 THREADED AND GALVANIZED ENTIRE LENGTH
- 5) 5/8" x 10' GROUND ROD CONNECTED TO GROUND WIRE WITH EXOTHERMIC WELD AT ALL POLE LOCATIONS
- 6 8 #5 REINFORCING BARS EQUALLY SPACED AROUND AN 24" DIA. CIRCLE
- (7) #4 SPIRAL TIE BARS WITH 6" PITCH
- (8) CLASS SI CONCRETE
- FOUNDATION LOCATIONS AS SHOWN ON PLAN SHEETS.
- No. 2/0 BARE COPPER GROUND WIRE TO GROUND ROD AND REINFORCING BARS WITH EXOTHERMIC WELD
- No. 2/0 BARE COPPER GROUND WIRE TO GROUND ROD WITH EXOTHERMIC WELD

CONCRETE LIGHT POLE FOUNDATION



NOTE: NUMBER OF CABLES IN SPLICE MAY VARY

SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS

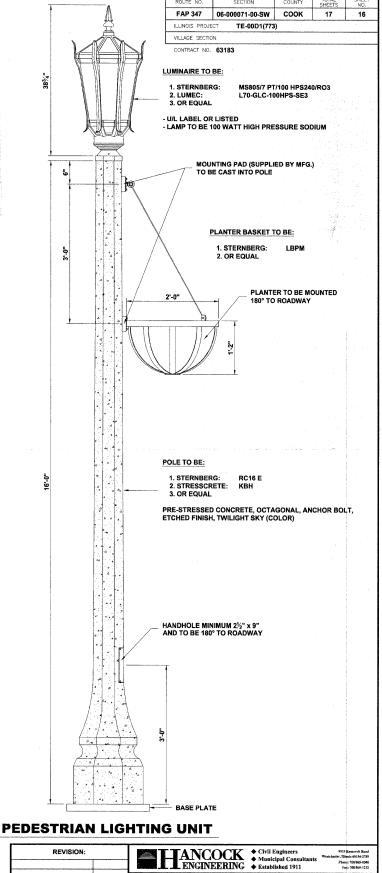


- 1 UNIT DUCT AS PER SPECIFICATIONS
- 2 GROUND WIRE AS PER SPECIFICATIONS
- 3 PHASE WIRE AS PER SPECIFICATIONS
- 5 CABLE TRENCHES UNDER SIDEWALKS OR PAVEMENT SHALL BE BACKFILLED WITH SAND OR SCREENINGS

NEUTRAL WIRE AS PER SPECIFICATIONS

- 6 WHERE NECESSARY SAW CUT EXISTING SIDEWALKS OR PAVEMENT 6" WIDER THAN TRENCH WIDTH
- 7 EXISTING BACK OF CURB OR EDGE OF PAVEMENT
- 8 WHERE ROCK IS ENCOUNTERED EXCAVATE TRENCH 3" DEEPER AND CONSTRUCT A 3" THICK SAND CUSHION

TYPICAL TRENCH CROSS SECTION



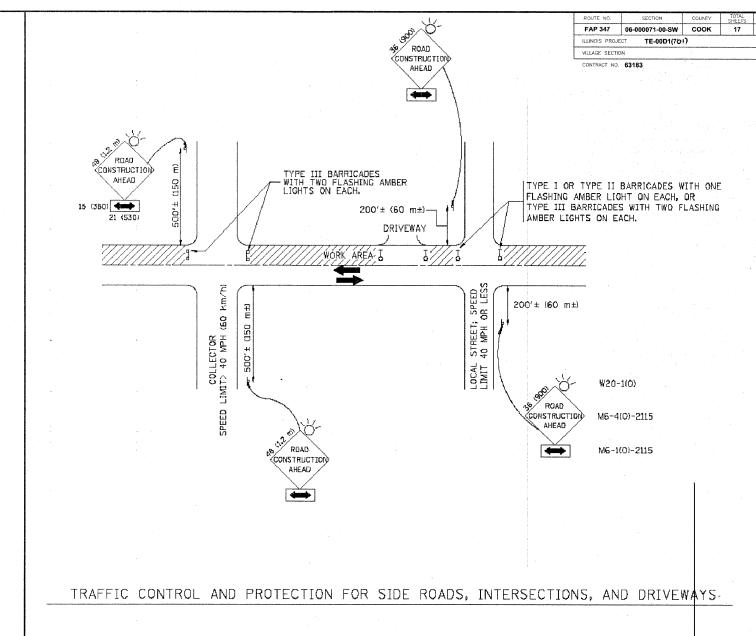
VILLAGE OF WESTCHESTER
ROOSEVELT ROAD (FAP 347)
BEAUTIFICATION PROJECT
LIGHTING DETAILS

SCALE: NONE

CHECKED BY: JCG DATE: 04/15/09

E.H.E. PROJECT NO. : 838-06-26320

DRAWN BY: MK



NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (50 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- d) ONE NOAD CONSTRUCTION AMEAD SIGN 36 \times 36 (900 \times 900) 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:
- d) ONE ROAD CONSTRUCTION AHEAD SIGN 48×48 (1.2 m \times 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.

SCALE: NONE

3, WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (MG-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-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. 701605 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 millimaters (inches) unless otherwise shown.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 17 OF 17 SHEETS STA. TO STA.