

F. A. L. ETC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	1
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT TCSP-IL09 (044)	

CONTRACT #63841

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

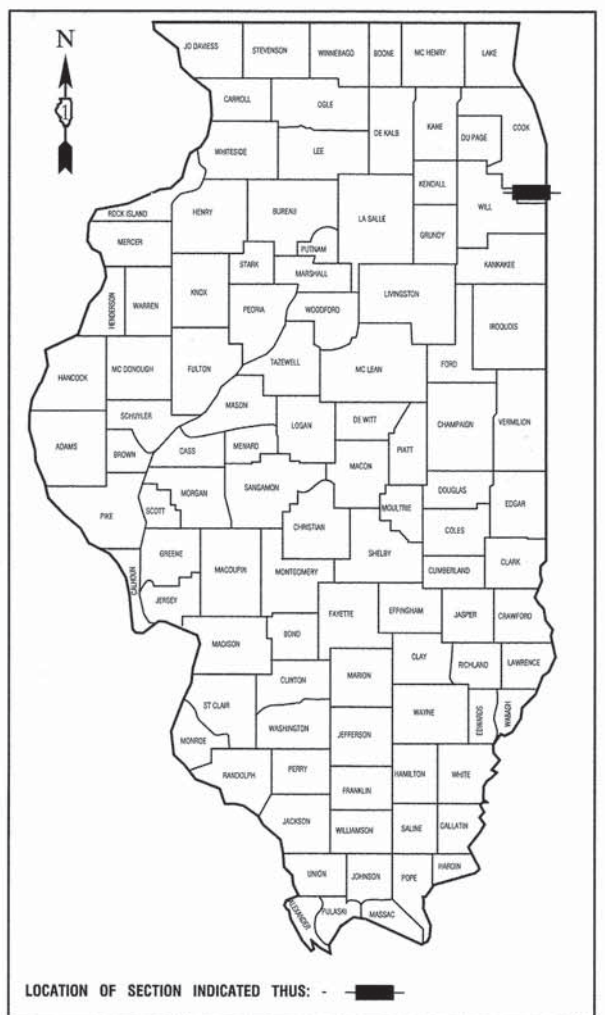
FAU 1009 (207TH STREET)
GOVERNORS HIGHWAY TO OLYMPIAN WAY
PEDESTRIAN IMPROVEMENTS
SECTION NO.: 12-00030-00-SP
PROJECT: TCSP-IL09 (044)
VILLAGE OF OLYMPIA FIELDS
COOK COUNTY
JOB NO.: C-91-049-13

INDEX OF SHEETS

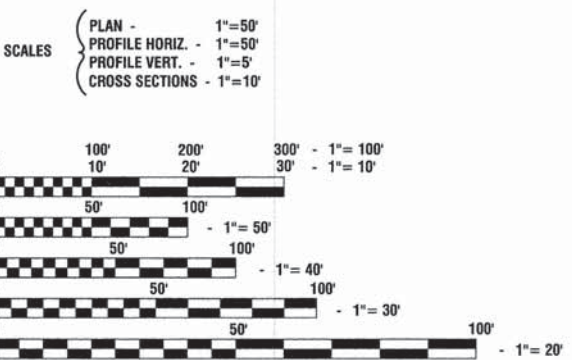
1. COVER SHEET, INDEX OF SHEETS AND STATE STANDARDS
2. SUMMARY OF QUANTITIES AND GENERAL NOTES
3. TYPICAL CROSS SECTIONS
- 4.-6. SIDEWALK PLAN AND PROFILE
- 7.-8. PAVEMENT MARKING AND SIGNING PLAN
- 9.-16. LIGHTING PLANS AND DETAILS
17. CONSTRUCTION DETAILS
18. IDOT DISTRICT 1 STANDARD DETAILS
19. TRAFFIC CONTROL AND PROTECTIONS FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- 20.-31. CROSS SECTIONS

HIGHWAY STANDARDS

- 424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424016-01 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-04 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-03 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)

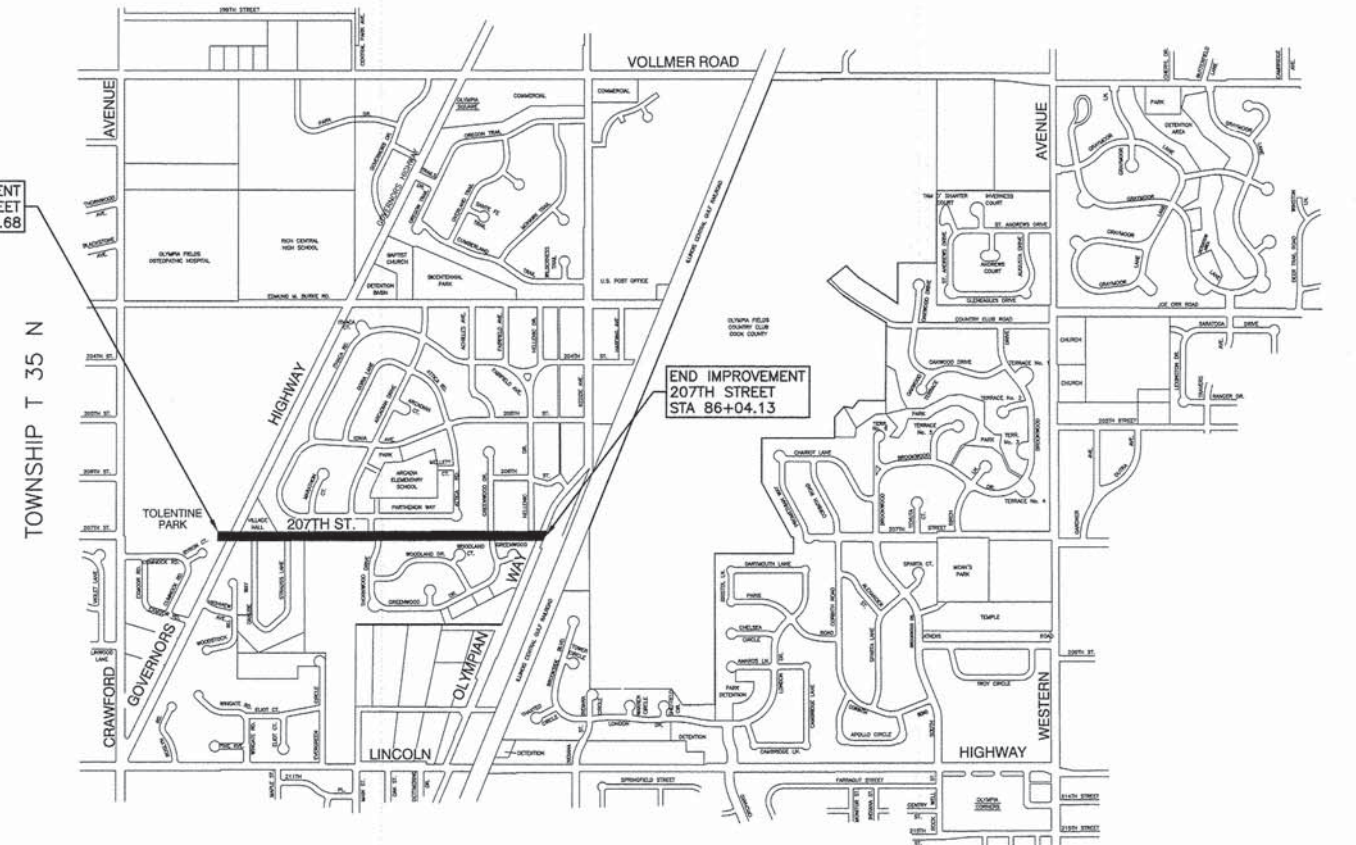


2013 ADT-	1,500
2040 ADT-	2,000
POSTED SPEED LIMIT-	25 MPH
DESIGN PERIOD-	20 YEARS
DESIGN SPEED LIMIT-	30 MPH
DESIGN DESIGNATION-	LOCAL COLLECTOR



BEGIN IMPROVEMENT
207TH STREET
STA 50+08.68

END IMPROVEMENT
207TH STREET
STA 86+04.13



LOCATION MAP

GROSS LENGTH=3,595.45 FEET=0.681 MILES
NET LENGTH=3,595.45 FEET=0.681 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.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 or 811

CONTRACT NO. 63841

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved 5/10/13
Debbie Mays-Martin
President, Village of Olympia Fields

Approved 5/10/13
Tim Bradford
President, Olympia Fields Park District

Passed MAY 31, 2013
C. Holt
District 1 Engineer of Local Roads & Streets

Released for Bid
Based on Limited
Review MAY 31 2013
John F. ...
Deputy Director of Highways, Region 1 Engineer

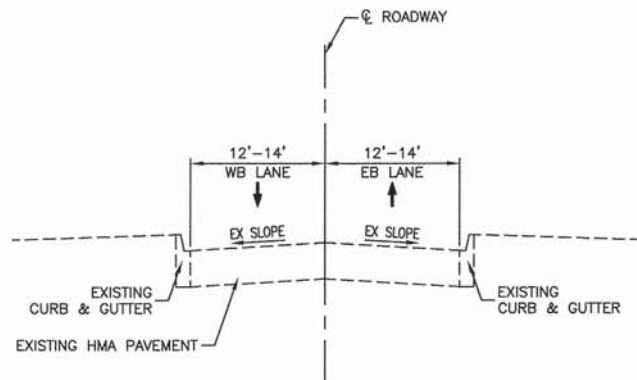
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PREPARED BY OR UNDER THE
DIRECT SUPERVISION OF:

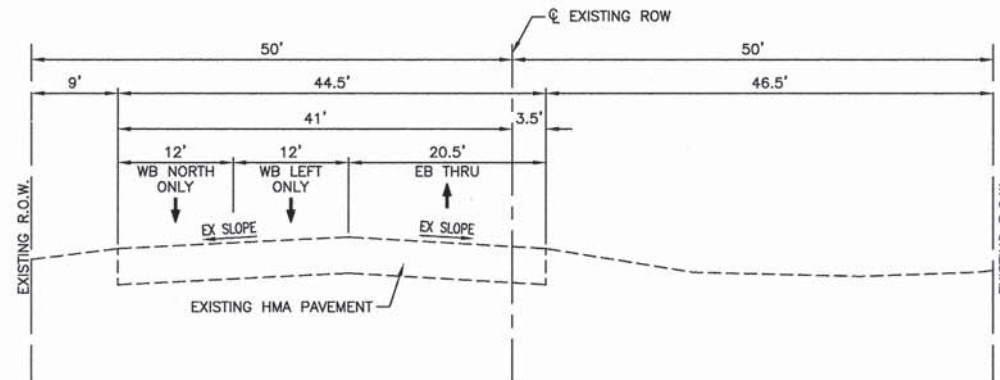
John K. Baker
5-6-2013



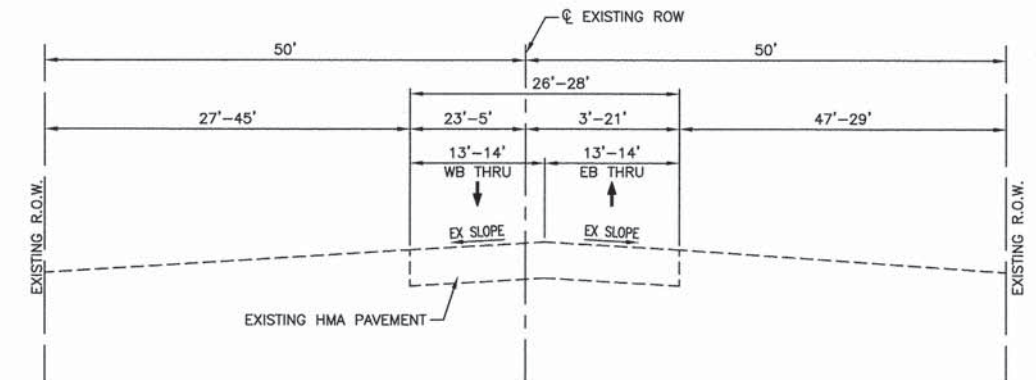
PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, PE (847) 705-4406 SCHAUMBURG, IL
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700



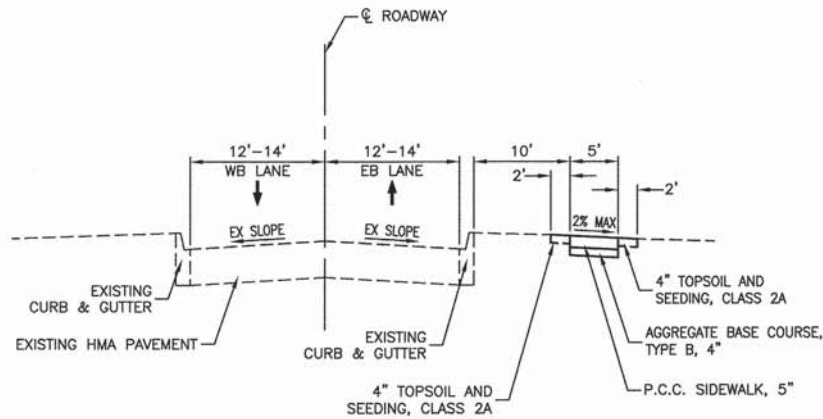
EXISTING TYPICAL SECTION
207TH STREET / TOLENTINE PARK ENTRANCE
 STA 50+08.68 TO STA 51+87.12



EXISTING TYPICAL SECTION
207TH STREET
 STA 51+87.12 TO STA 54+50

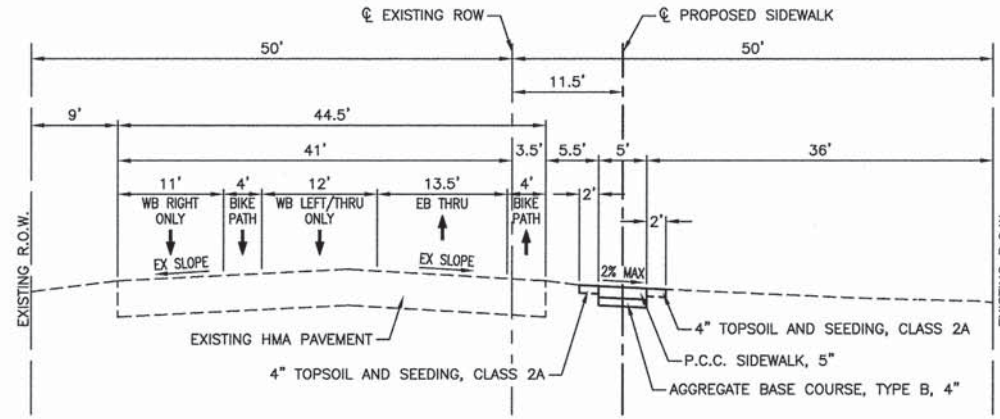


EXISTING TYPICAL SECTION
207TH STREET
 STA 54+50 TO STA 86+04.13

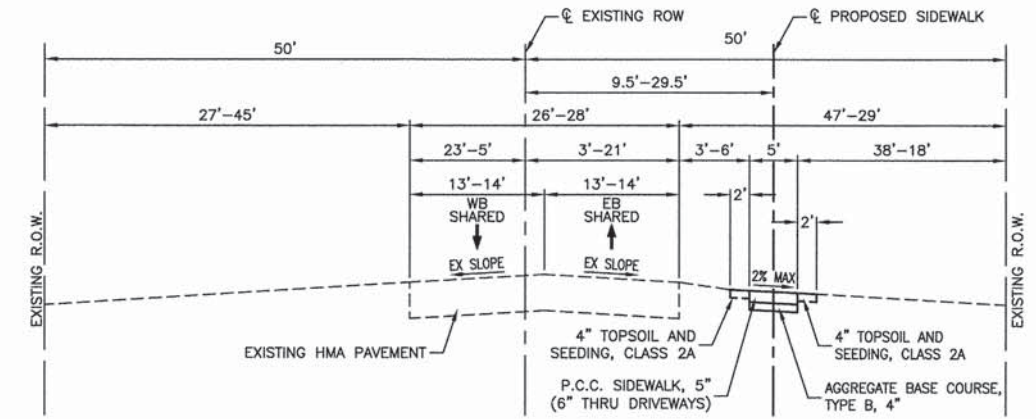


PROPOSED TYPICAL SECTION
207TH STREET / TOLENTINE PARK ENTRANCE
 STA 50+08.68 TO STA 51+87.12

NOTE:
 THIS SECTION OF PROPOSED
 SIDEWALK IS WITHIN VILLAGE
 PROPERTY, THEREFORE EXISTING
 ROW IS NOT SHOWN.



PROPOSED TYPICAL SECTION
207TH STREET
 STA 51+87.12 TO STA 54+50



PROPOSED TYPICAL SECTION
207TH STREET
 STA 54+50 TO STA 86+04.13

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STA. 50+10.00 to STA. 51+55.00	20	17	1.00	16
STA. 52+20.00 to STA. 54+00.00	25	21	1.00	20
STA. 54+42.00 to STA. 57+52.00	43	37	3.00	34
STA. 58+22.00 to STA. 62+00.00	71	60	0.00	60
STA. 62+47.00 to STA. 67+88.00	102	87	4.00	83
STA. 68+51.00 to STA. 80+78.00	171	145	0.00	145
STA. 81+33.00 to STA. 85+22.00	56	48	0.00	48
STA. 85+60.00 to STA. 86+00.00	6	5	0.00	5
TOTAL	494	420	9	411

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
DRIVEWAYS	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4% @ 50 Gyr.
HOT MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm); 6" (IN 2 LIFTS)	4% @ 50 Gyr.
CURB HMA PATCHING	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 1.5"	4% @ 50 Gyr.
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50; 7" (IN 2 LIFTS)	4% @ 50 Gyr.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = 12432_01-TPYX01 - IDOT P01

USER NAME =	DESIGNED -- JPH/WPD	REVISED -- IDOT 05-23-13
	CHECKED -- PKB	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
 VILLAGE OF OLYMPIA FIELDS
 TYPICAL CROSS SECTIONS

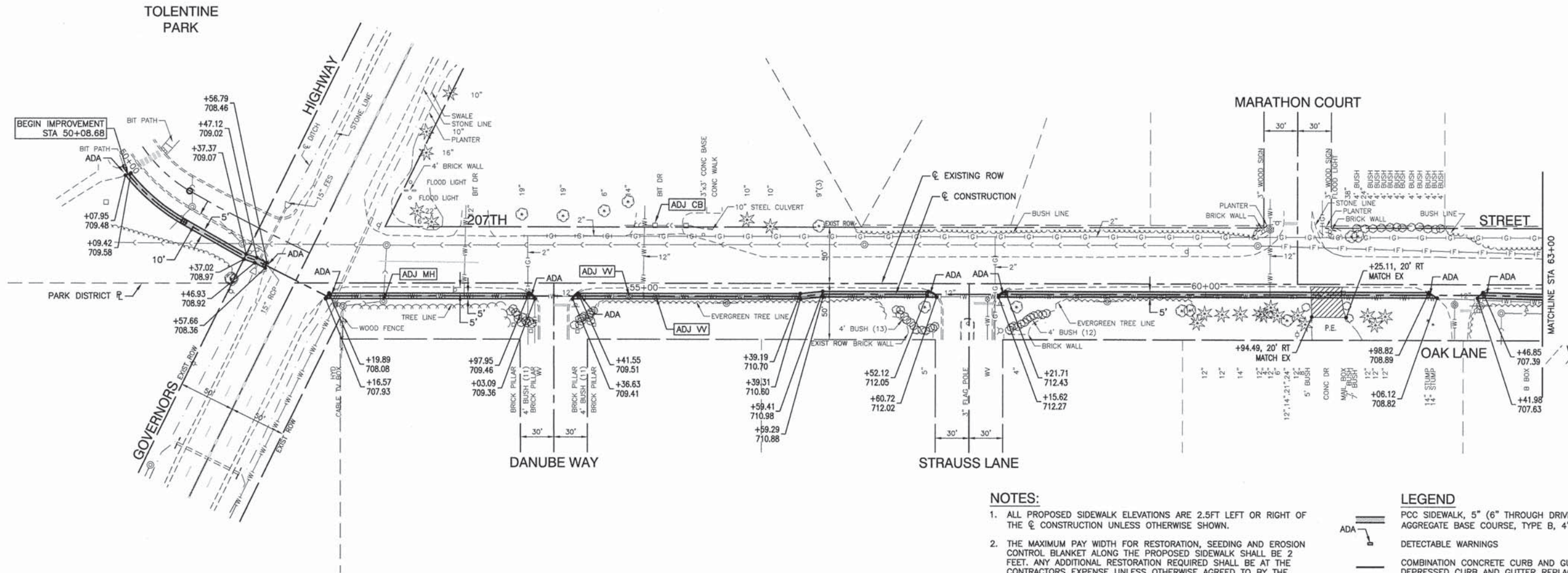
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	3
CONTRACT NO. 63841				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				

SCALE: N/A SHEET NO. 3 OF 31 SHEETS STA. TO STA.



PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNMENT CHECKED	
NO.	RT. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
	B.M. NOTED	

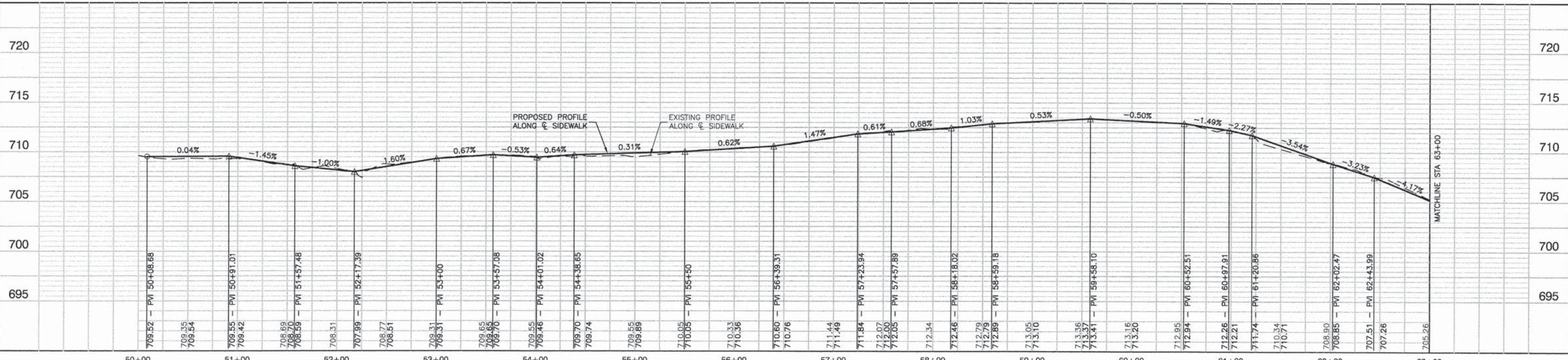


NOTES:

1. ALL PROPOSED SIDEWALK ELEVATIONS ARE 2.5 FT LEFT OR RIGHT OF THE ϕ CONSTRUCTION UNLESS OTHERWISE SHOWN.
2. THE MAXIMUM PAY WIDTH FOR RESTORATION, SEEDING AND EROSION CONTROL BLANKET ALONG THE PROPOSED SIDEWALK SHALL BE 2 FEET. ANY ADDITIONAL RESTORATION REQUIRED SHALL BE AT THE CONTRACTORS EXPENSE UNLESS OTHERWISE AGREED TO BY THE ENGINEER.
3. ALL PROPOSED SIDEWALK CONSTRUCTED THRU DRIVEWAYS SHALL BE 6" THICK.
4. ANY EXCAVATION WITHIN THE GOVERNORS HIGHWAY RIGHT-OF-WAY SHALL REMAIN ON SITE.

LEGEND

- PCC SIDEWALK, 5" (6" THROUGH DRIVEWAYS)
- AGGREGATE BASE COURSE, TYPE B, 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND DEPRESSED CURB AND GUTTER REPLACEMENT
- STRUCTURE TO BE ADJUSTED
- HMA DRIVEWAY REMOVAL AND REPLACEMENT
- TREE CLEARING
- TREE REMOVAL

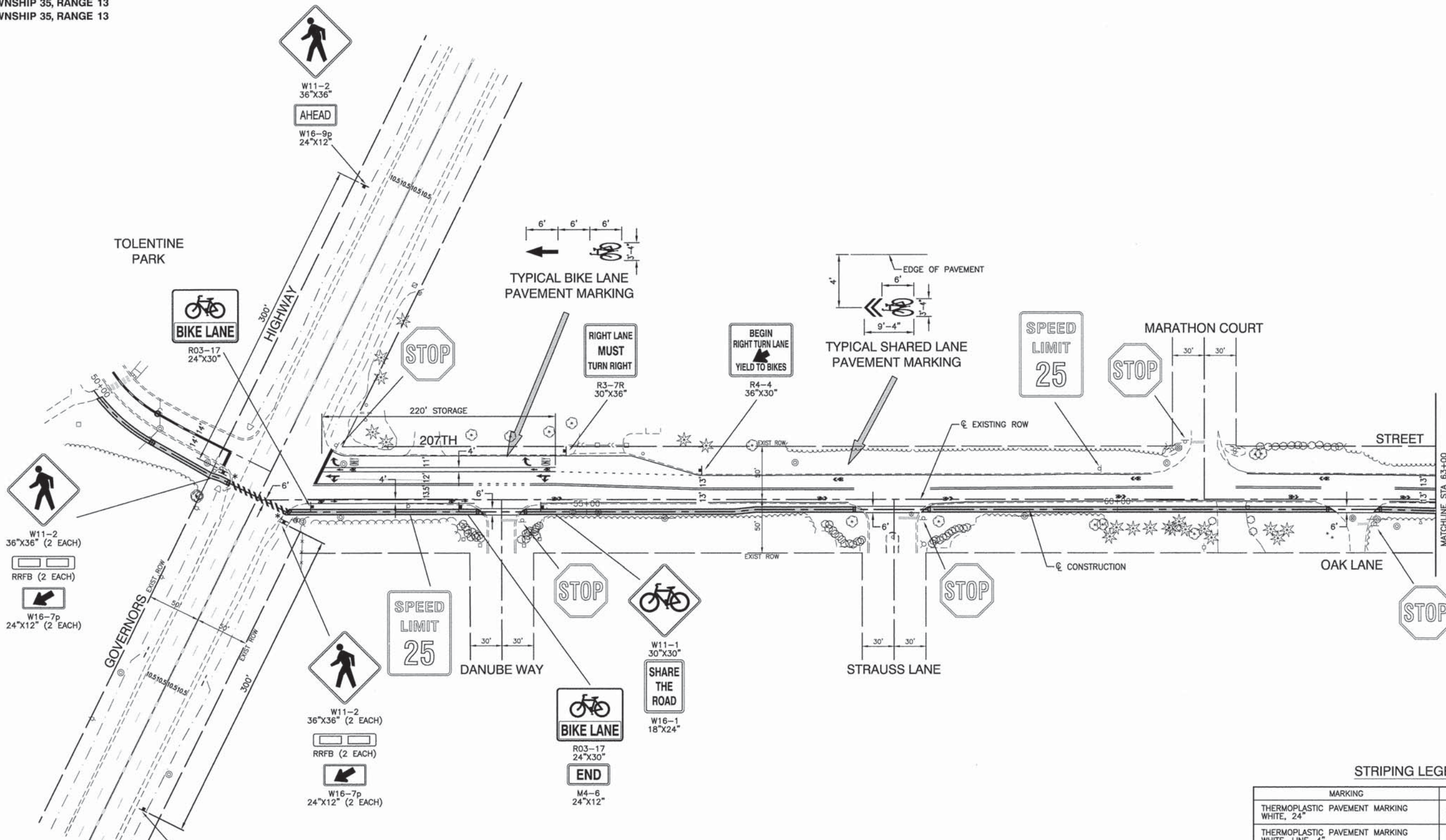


FILE NAME = 12432_01-PLPR-01 - IDOT PLPR01	USER NAME =	DESIGNED -- JPH/WPD	REVISED -- IDOT 05-23-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PEDESTRIAN IMPROVEMENTS VILLAGE OF OLYMPIA FIELDS SIDEWALK PLAN & PROFILE	F.A.U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED -- PKB	REVISED --			1009	12-00030-00-SP	COOK	31	4	
	PLOT DATE = 05-10-13	DRAWN -- RG	REVISED --			CONTRACT NO. 63841					
		CHECKED -- AG	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)					



DATE	
BY	
REVISIONS	
NO.	
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REVISIONS	
NO.	



NOTE:
* THE PUSHBUTTON ACTIVATED RECTANGULAR RAPID FLASH BEACONS (RRFB) AND ASSOCIATED CROSSWALK SIGNS SHALL BE INSTALLED BACK TO BACK ON THE SAME POST. SEE SHEET #17 FOR DETAILS.

STRIPING LEGEND

MARKING	USES
THERMOPLASTIC PAVEMENT MARKING WHITE, 24"	ALL STOP BARS
THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4"	EDGE LINES
THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 6"	CROSS WALK OUTSIDE LINES
THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4"	CENTERLINES
THERMOPLASTIC PAVEMENT MARKING YELLOW, DOUBLE LINE, 4" (2' LINE-6" SPACE)	CENTERLINES THRU INTERSECTIONS
THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 12" (2' C-C)	CROSS WALK (207TH STREET)
THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 45", 12" (2' C-C)	CROSS WALK (GOVERNORS HWY)
THERMOPLASTIC PAVEMENT MARKING WHITE, LETTERS AND SYMBOLS	AS SHOWN
THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4"	BIKE LANES
THERMOPLASTIC PAVEMENT MARKING WHITE, LINE, 4" (2' LINE-6" SPACE)	BIKE LANES AS SHOWN

FILE NAME = 12432_01-PLPR-01 - PVM1 01

USER NAME =	DESIGNED -- JPH/WPD	REVISED --
	CHECKED -- PKB	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

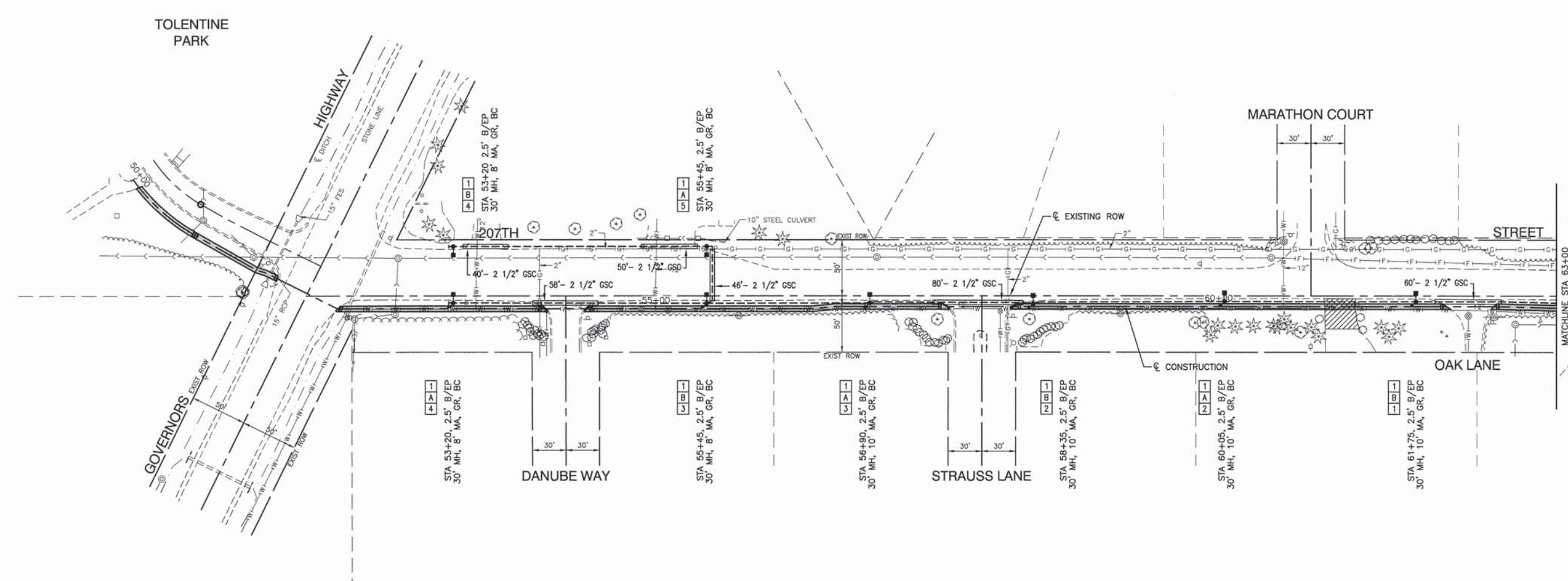
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
PAVEMENT MARKING & SIGNING PLAN

SCALE: H 1"=50' V 1"=5'

SHEET NO. 7 OF 31 SHEETS STA. 50+00 TO STA. 63+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	7
CONTRACT NO. 63841				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				



LEGEND:

- ■ PROPOSED STREET LIGHT-250W 1970 LED-S-BF-SG-6ARC45T3.IES
- ■ EXISTING COMED POLE - 400W HPS
- □ EXISTING COMED POLE - 250W HPS
- ▣ PROPOSED CONTROLLER
- UNDERGROUND CONDUIT, GALVANIZED STEEL
- UNIT DUCT, 3-1/C, NO.4 AWG AND 1/C NO.6 GROUND, 600V IN 1 1/4\"/>

POLE IDENTIFICATION

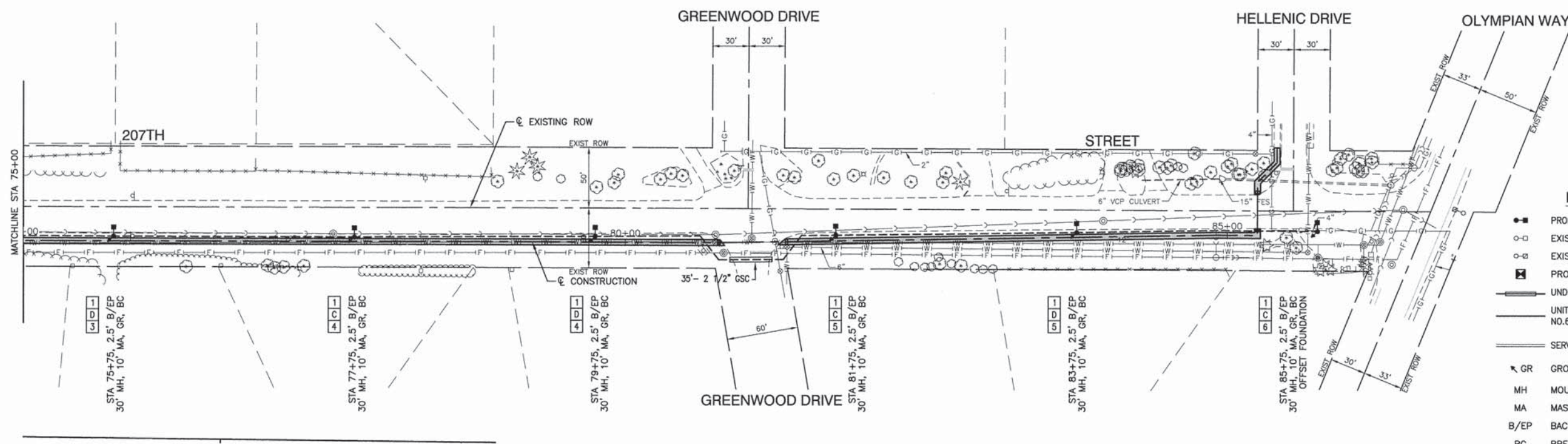
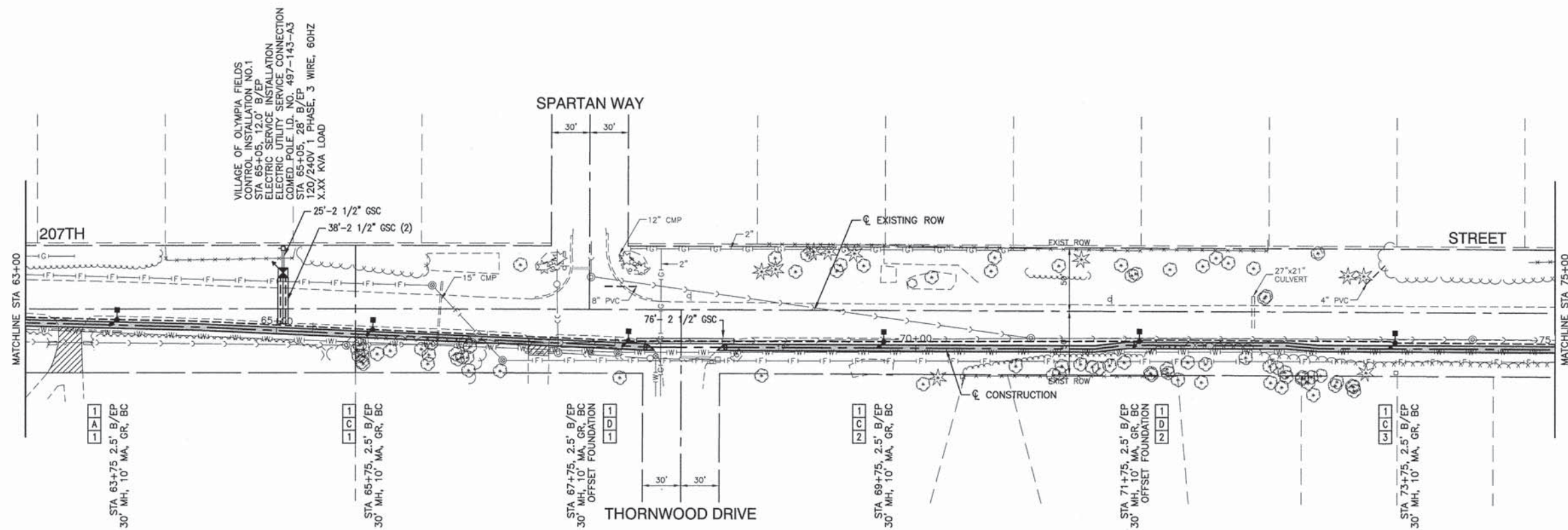


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		CHECKED -- PKB	REVISED --
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PEDESTRIAN IMPROVEMENTS VILLAGE OF OLYMPIA FIELDS STREET LIGHTING		F.A.U. RTE. 1009	SECTION 12-00030-00-SP	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 9
SCALE: H 1"=50' V 1"=5'		SHEET NO. 9 OF 31 SHEETS		STA. 50+00 TO STA. 63+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)

F.A.U. RTE. 1009	SECTION 12-00030-00-SP	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 9
CONTRACT NO. 63841				



- LEGEND:**
- PROPOSED STREET LIGHT-250W 1970 LED-S-BF-SG-6ARC45T3.IES
 - EXISTING COMED POLE - 400W HPS
 - EXISTING COMED POLE - 250W HPS
 - PROPOSED CONTROLLER
 - UNDERGROUND CONDUIT, GALVANIZED STEEL
 - UNIT DUCT, 3-1/C, NO.4 AWG AND 1/C NO.6 GROUND, 600V IN 1 1/4\"/>
 - SERVICE WIRE, 3-1/C, NO. 1/0 AWG.
 - ⚡ GR GROUND ROD, 5/8\"/>
 - MH MOUNTING HEIGHT
 - MA MAST ARM
 - B/EP BACK OF EDGE OF PAVEMENT
 - BC BREAKAWAY COUPLING
 - ┌ CAPPED FOUNDATION RACEWAY FOR FUTURE EXPANSION

POLE IDENTIFICATION



FILE NAME = 12432_01-PLR-01 - LGHT02

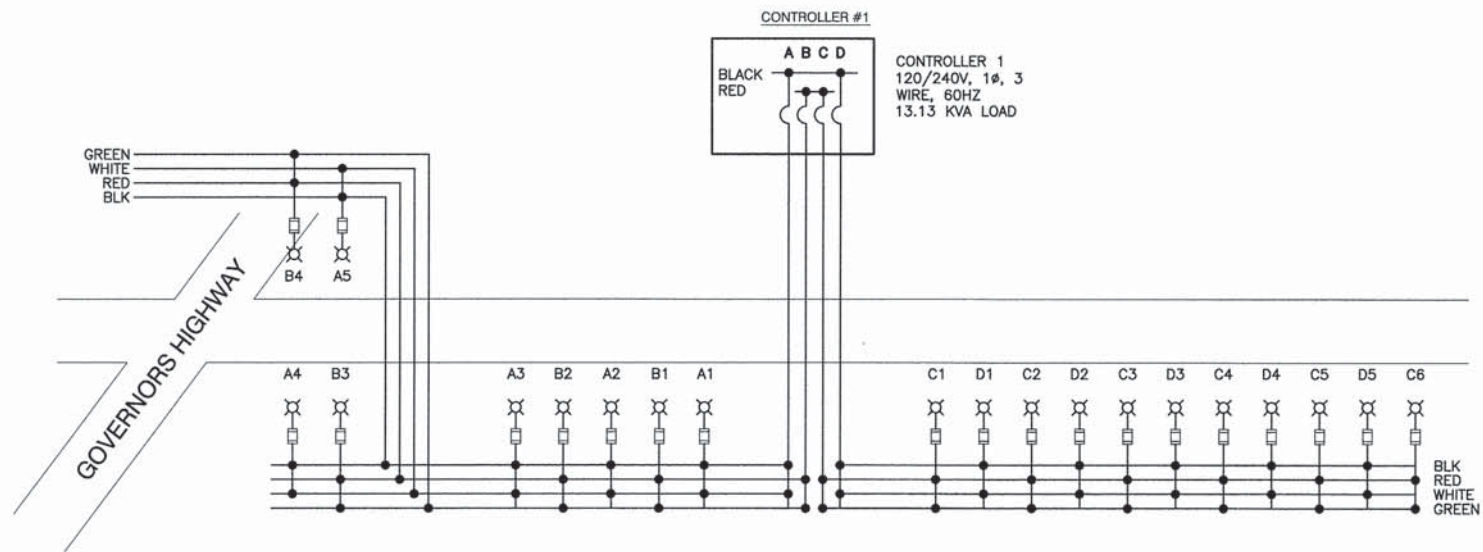
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PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
STREET LIGHTING

SCALE: H 1"=50' V 1"=5' SHEET NO. 10 OF 31 SHEETS STA. 50+00 TO STA. 63+00

F.A.U. RTE. 1009	SECTION 12-00030-00-SP	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 10
CONTRACT NO. 63841			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)	

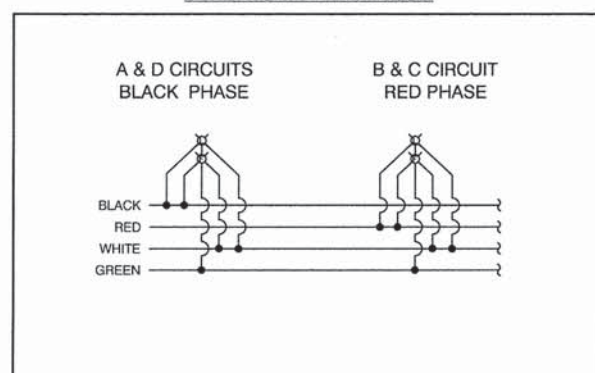


LOAD TABULATIONS CONTROLLER #1			
CIRCUIT	WATTS	AMPS @ 240V	
		BLACK PHASE	RED PHASE
A	1,980.0	16.5	0
B	1,584.0	0	13.2
C	2,376.0	0	19.8
D	1,980.0	16.5	0
SUBTOTAL	7,920	33.0	33.00
TOTAL AMPS @ 240V = 66.00			

NOMINAL WATTAGE	FUSE SIZE
6 ARC LED	2.5 AMP
FESTOON OUTLET	6.5 AMP

LUMINAIRE FUSE SIZE TABLE

TYPICAL POLE WIRING



LEGEND

- ⊗ LUMINAIRE, 6 ARC LED AND GFCI DUPLEX OUTLET (FESTOONS)
- ⊗ GFCI DUPLEX OUTLET (FESTOONS)
- ⊞ FUSES - 2 REQUIRED AT EACH POLE, 2.5 AMP LUMINAIRE, 6.5 AMP FESTOON
- A LUMINAIRE CIRCUIT, 120V
- AA GFCI CIRCUIT, 120V
- { CIRCUIT BREAKER
- CONNECTION

FILE NAME = 12432_01-DT15-02 - LGHT 06

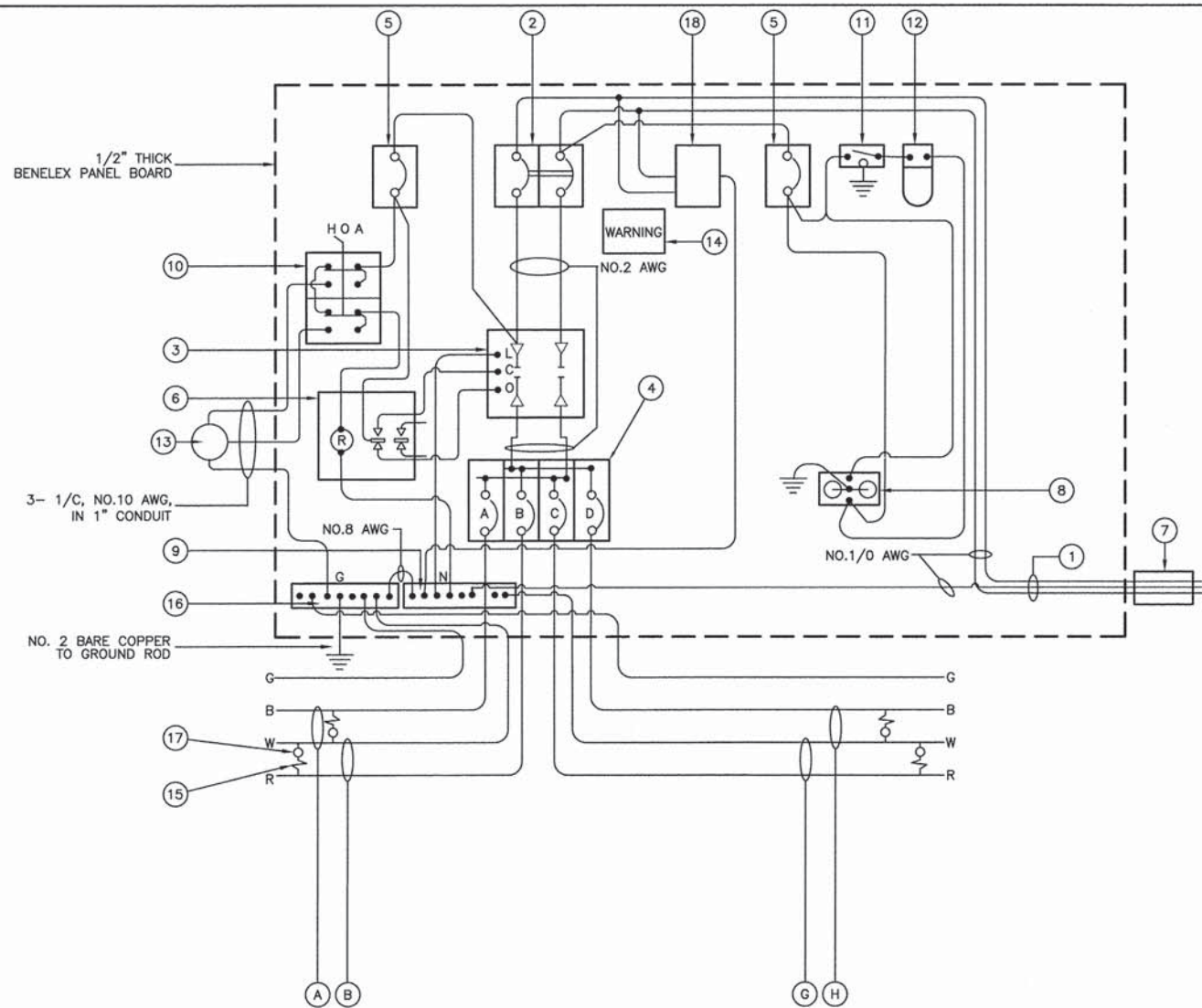
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PLOT SCALE =	CHECKED -- PKB	REVISED --
PLOT DATE = 05-10-13	DRAWN -- RG	REVISED --
	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
SINGLE LINE WIRING DIAGRAM

SCALE: N/A SHEET NO. 11 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	11
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63841	
FED. AID PROJECT TCSP-IL09 (044)				



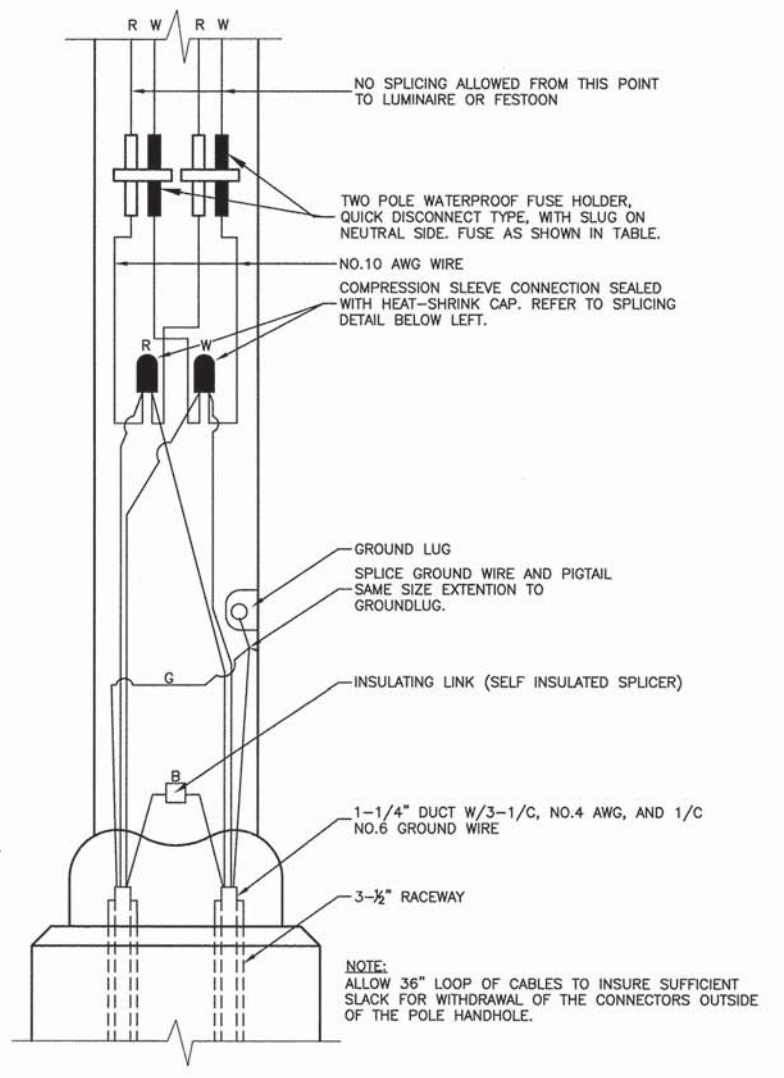
CONTROLLER WIRING DIAGRAM

CONTROLLER WIRING DIAGRAM LEGEND

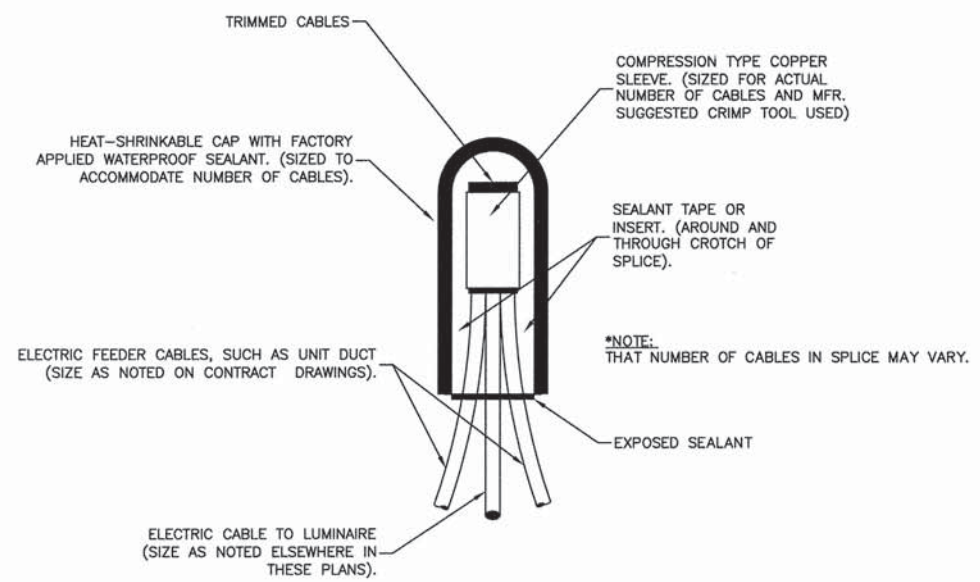
- ① 3-1/C, NO. 1/0, 600V SERVICE WIRE IN 2 1/2" DIA. GALVANIZED STEEL CONDUIT FOR 120/240 VOLT, 1Ø, 3 WIRE, 60HZ. SERVICE.
- ② (1) 100 AMP MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT, 100 AMP BASE, NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA - 14000 AMP AT 480 V.
- ③ (1) 100 AMP REMOTE CONTROL CONTACTOR SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, 600 VOLT
- ④ (8) 30 AMP CIRCUIT BREAKER, 1 POLE, 240 VOLT, 100 AMP BASE, NON-INTERCHANGEABLE TRIP RATING NEMA - 14000 AMP AT 240 VOLTS.
- ⑤ (3) 20 AMP CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 VOLT, 100 AMP BASE, NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA 14000 AMP AT 240 V.
- ⑥ (1) 20 AMP, 1 POLE DOUBLE THROW, 120 VOLT RELAY
- ⑦ METER SOCKET, 1Ø, 3 WIRE, 200A
- ⑧ (1) 20 AMP, 120 VOLT DUPLEX GFCI RECEPTACLE MOUNTED IN BOX.
- ⑨ NEUTRAL BUS BAR, 1/4"x1"x12" MINIMUM LENGTH MOUNTED ON PANEL WITH LUGS.
- ⑩ 3 POSITION SELECTOR SWITCH
- ⑪ SWITCH FOR LIGHTING FIXTURE MOUNTED IN BOX.
- ⑫ WEATHER-PROOF INCANDESCENT LIGHTING FIXTURE WITH 60 WATT, 120 V LAMP.
- ⑬ PHOTOCCELL MOUNTED TO CABINET OVERHANG, 120 V. 1000 VA BALLAST RATING, 1-4 FC ON 3-12 FC OFF, 30 SECOND MINIMUM DELAY.
- ⑭ WARNING PLATE TO READ: WARNING, MAINTENANCE CIRCUIT IS LIVE WHEN MAIN BREAKER IS SWITCHED OFF
- ⑮ IN-LINE FUSEHOLDER WITH FUSE AS NOTED IN FUSE TABLE
- ⑯ GROUND BUS BAR 1/4"x1"x12" MINIMUM LENGTH MOUNTED ON PANEL WITH LUGS
- ⑰ LUMINAIRE OR FESTOON OUTLET
- ⑱ SURGE ARRESTER, UL LISTED, NEC 280 COMPLIANT, 1Ø, 3 WIRE 60 HZ. MAX. 3,405 JOULES
- A CIRCUIT (RED) LUMINAIRE & FESTOON
- B CIRCUIT (BLACK) LUMINAIRE & FESTOON
- C CIRCUIT (RED) LUMINAIRE & FESTOON
- D CIRCUIT (BLACK) LUMINAIRE & FESTOON

NOMINAL WATTAGE	FUSE SIZE
6 ARC LED FESTOON	2.5 AMP
	6.5 AMP

LUMINAIRE FUSE SIZE TABLE



POLE HANDHOLE WIRING DIAGRAM
(TYPICAL FOR SINGLE LUMINAIRE INSTALLATION WITH FESTOON OUTLETS)
(RED PHASE SHOWN)



SPLICING ELECTRIC CABLES
BASIC MATERIALS AND METHODS

GENERAL NOTES FOR CONTROL CABINET

1. ENTIRE CONTROL CABINET SHALL BE GROUNDED.
2. ALL WIRING SHALL BE TAGGED WITH SELF-STICKING WIRE MARKERS.
3. GROUND BUS TO BE COLOR CODED GREEN, NEUTRAL BUS WHITE, AND BONDED TO CABINET ENCLOSURE, BY LISTED PRESSURE CONNECTORS OR LISTED CLAMPS.
4. ALL INTERNAL CONTROLLER WIRING TO BE NO.12 AWG UNLESS OTHERWISE SPECIFIED.
5. CABINET WIRING INSULATION TO BE TYPE XHHW OR APPROVED EQUAL.

LIGHTING GENERAL NOTES

1. ALL WORK TO CONFORM TO THE MOST RECENT NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODES.
2. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING OR AUGERING.
3. BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL C.E. Co. FOR APPROVAL OF LOCATION.
4. FOR LOCATION OF EXISTING UNDERGROUND ELECTRICAL CABLE CALL C.E. Co.
5. SIZE ALL CONDUIT AS SPECIFIED ON DRAWINGS.
6. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING, (I.E. DECORATIVE ROCKS, SHRUBS, PLANTS, ECT.) OR SHALL REPLACE IT, THE COST OF WHICH SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
7. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUIT, MAGNETIC DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE CITY OR STATE.
8. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACK FILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
9. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
10. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
11. THE CONTRACTORS SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
12. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
13. SPLICE IS NOT ALLOWED IN THE HANDHOLE.
14. CONDUITS AND UNIT DUCTS MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREE, BUSHES, DRAINS AND OTHER UTILITIES.
15. THE CONTROLLER SHALL BE UL LISTED, NEMA 3R AND SUITABLE FOR USE AS SERVICE ENTRANCE RATED.

FILE NAME = 12432_01-DTLS-02 - LGHT 07

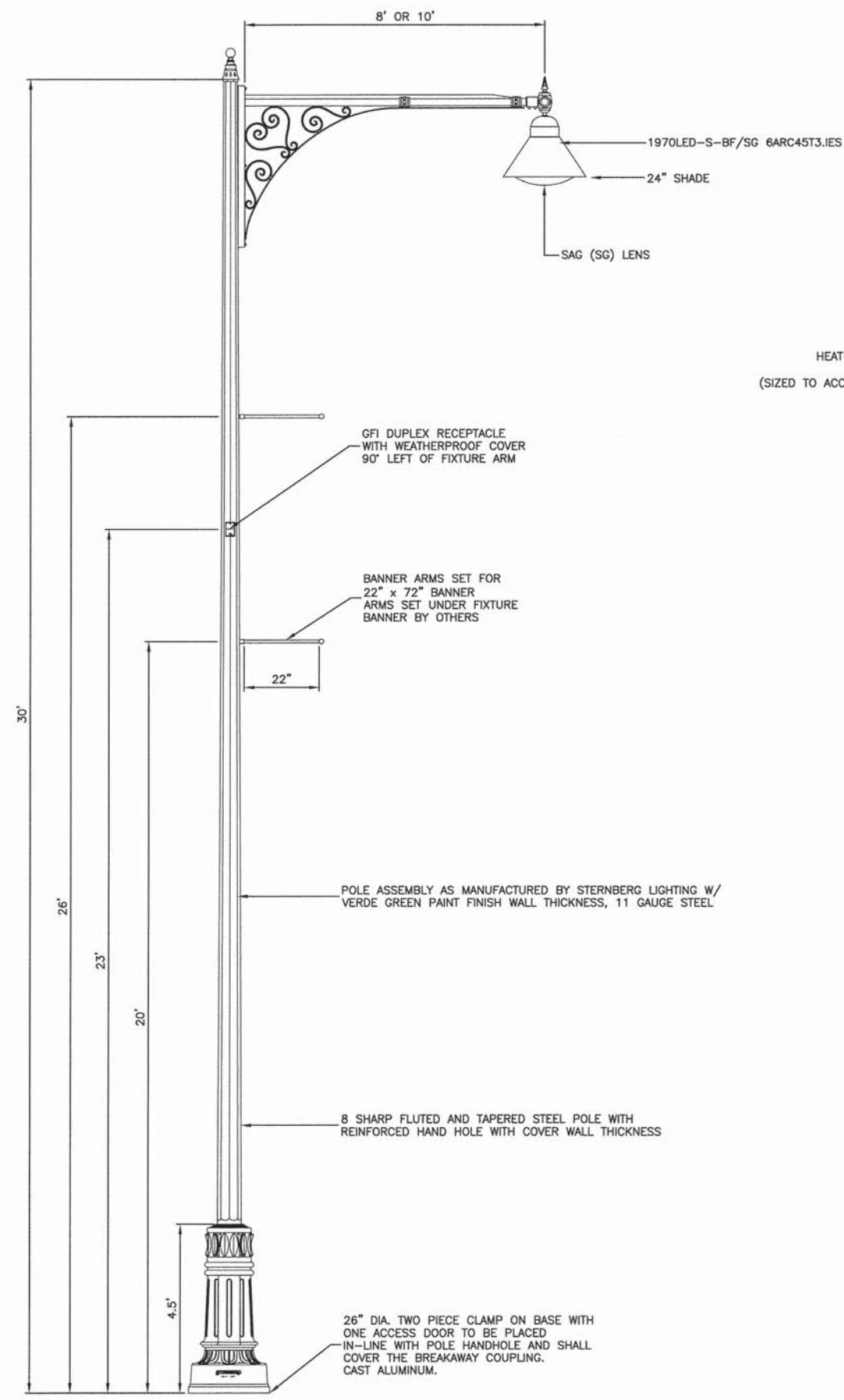
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PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

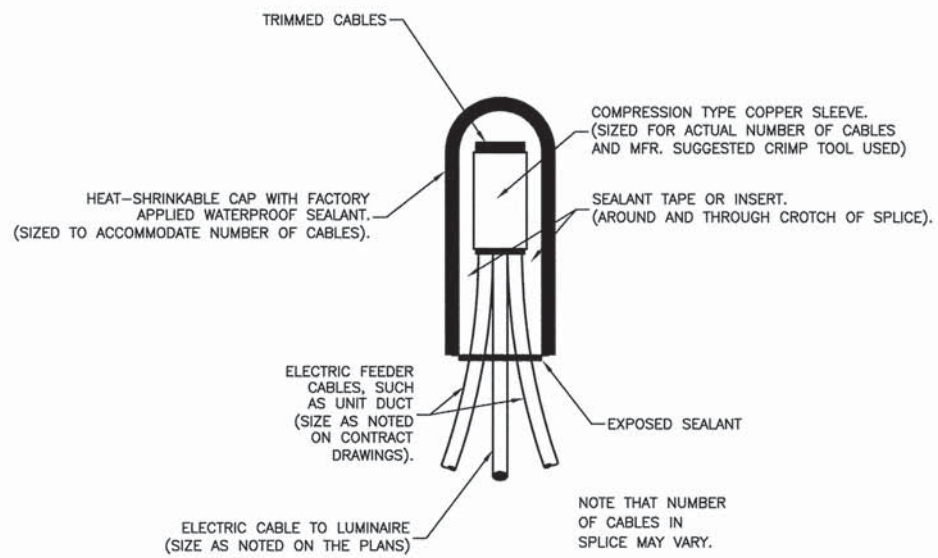
PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
STREET LIGHTING DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	12
CONTRACT NO. 63841				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				

SCALE: N/A SHEET NO. 12 OF 31 SHEETS STA. TO STA.



POLE INSTALLATION



SPlicing ELECTRIC Cables

FILE NAME = 12432_01-DTLS-02 - LGHT 02

USER NAME =	DESIGNED -- JPH/WPD	REVISED --
	CHECKED -- PKB	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
STREET LIGHTING DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	13
CONTRACT NO. 63841				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				

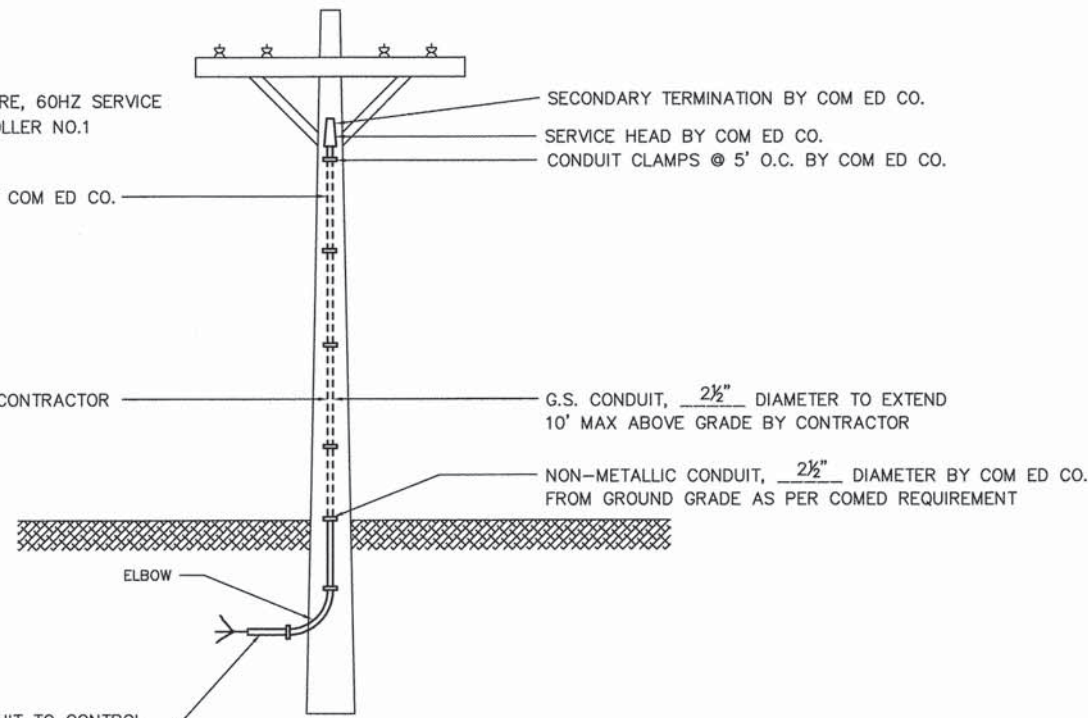
SCALE: N/A SHEET NO. 13 OF 31 SHEETS STA. TO STA.

120 / 240 VOLT, 1Ø, 3 WIRE, 60HZ SERVICE
8.8 KVA LOAD FOR CONTROLLER NO.1

ALL ABOVE 10' BY COM ED CO.

10' MAX ABOVE GRADE BY CONTRACTOR

2 1/2" G.S. CONDUIT TO CONTROL
W/3-1/C, NO. 1/0, 600V SERVICE
WIRE



SERVICE CONNECTION

VENTED OVERHANG WITH PHOTOCELL
STAINLESS STEEL NAMEPLATE

UNIVERSAL TYPE CORBIN
KEY LOCK

ALUMINUM ALLOY CABINET

4 1/2" ANCHOR BOLTS
24" LONG WITH 2" HOOK
AT BOTTOM

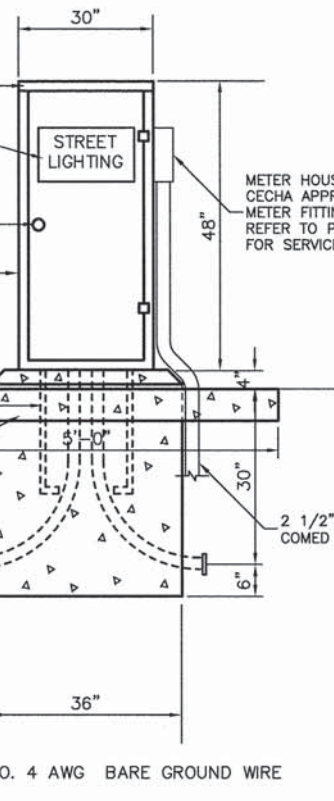
5" P.C. CONCRETE REINFORCED
PAD - 2% SLOPE TO CURB

3 1/2" RACEWAY (PVC)
(TYPICAL)

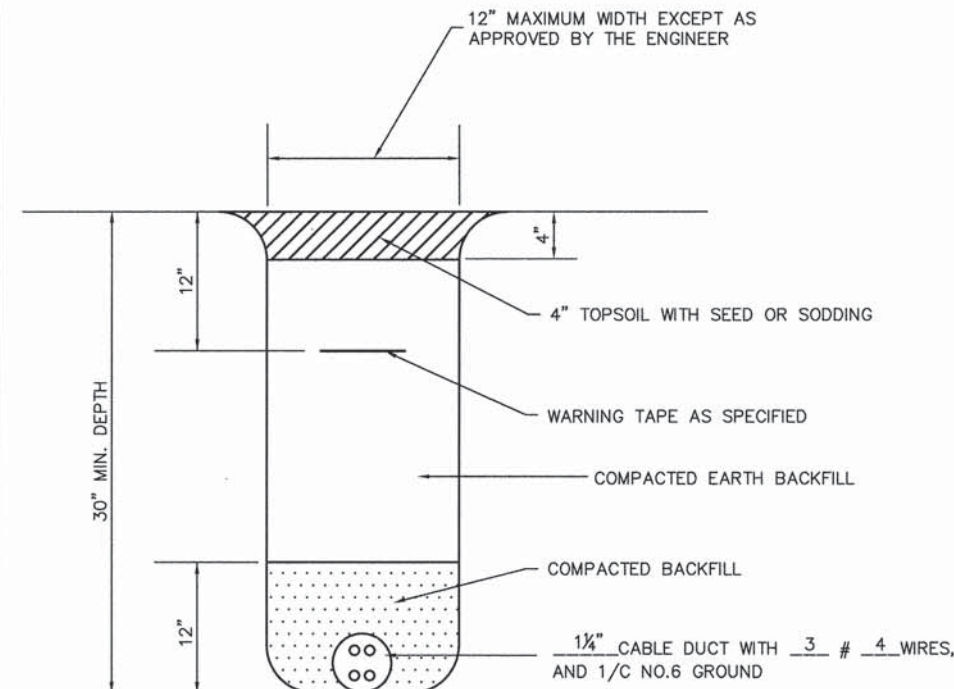
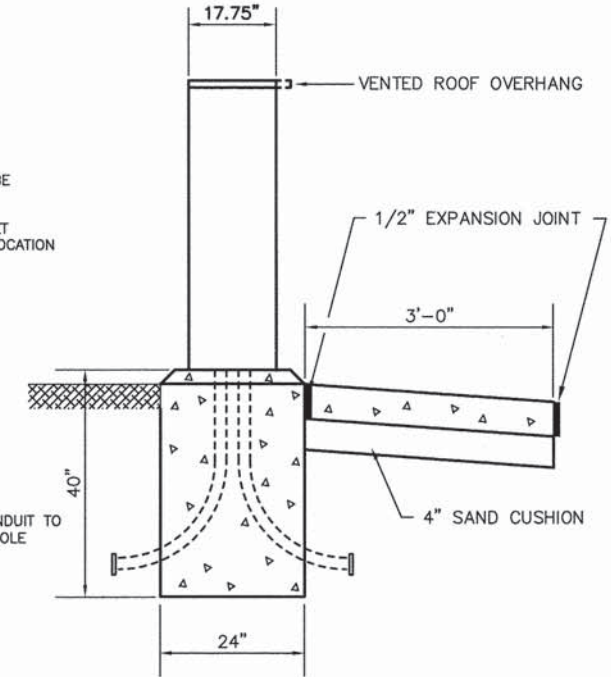
EXOTHERMIC WELD
CONNECTION

5/8" x 8' GROUND
ROD

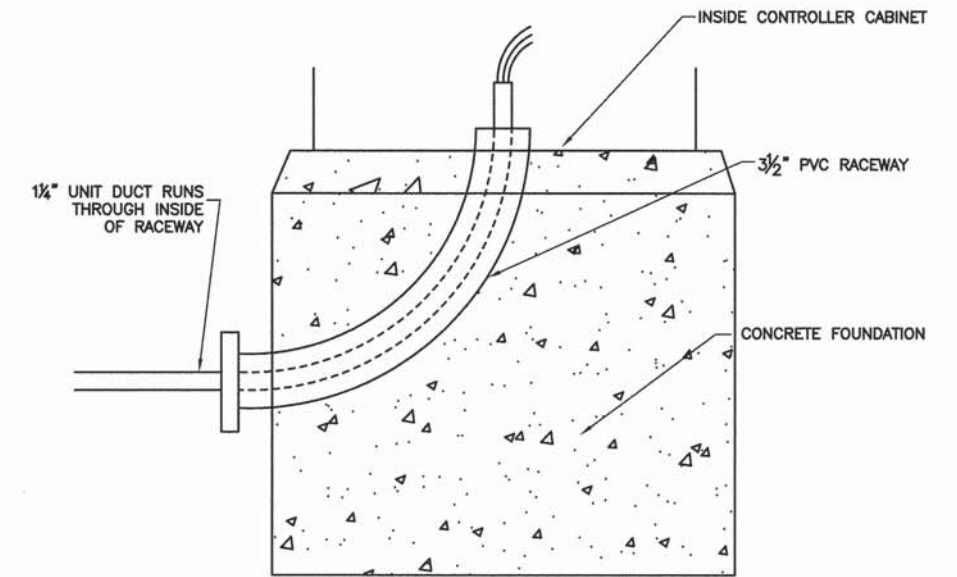
NO. 4 AWG BARE GROUND WIRE



CONTROL INSTALLATION



TRENCH DETAIL



SECTION "A-A"

FILE NAME = 12432_01-DTLS-02 - LGHT 03

USER NAME =	DESIGNED -- JPH/WPD	REVISED --
	CHECKED -- PKB	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
STREET LIGHTING DETAILS

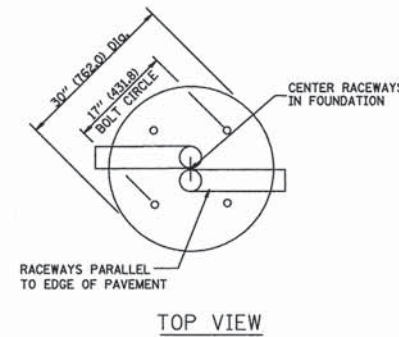
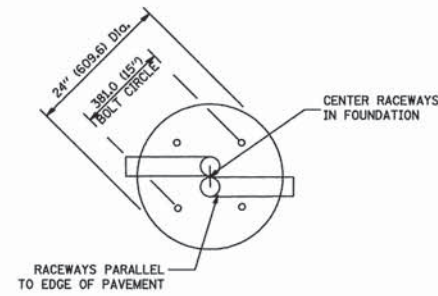
SCALE: N/A SHEET NO. 14 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	14
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT TCSP-IL09 (044)	

CONTRACT NO. 63841

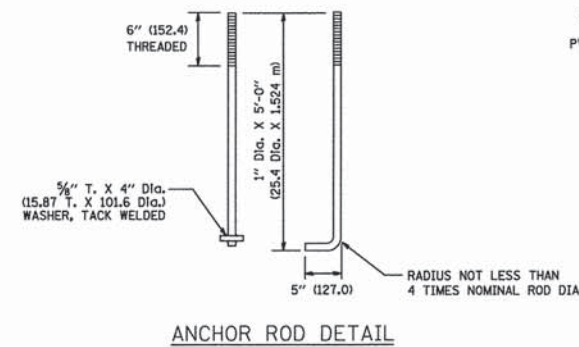
LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY Qu = 0.75 TON/SQ. FT.	9'-6" (2.93 m)	10'-9" (3.23 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND φ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND φ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND φ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)

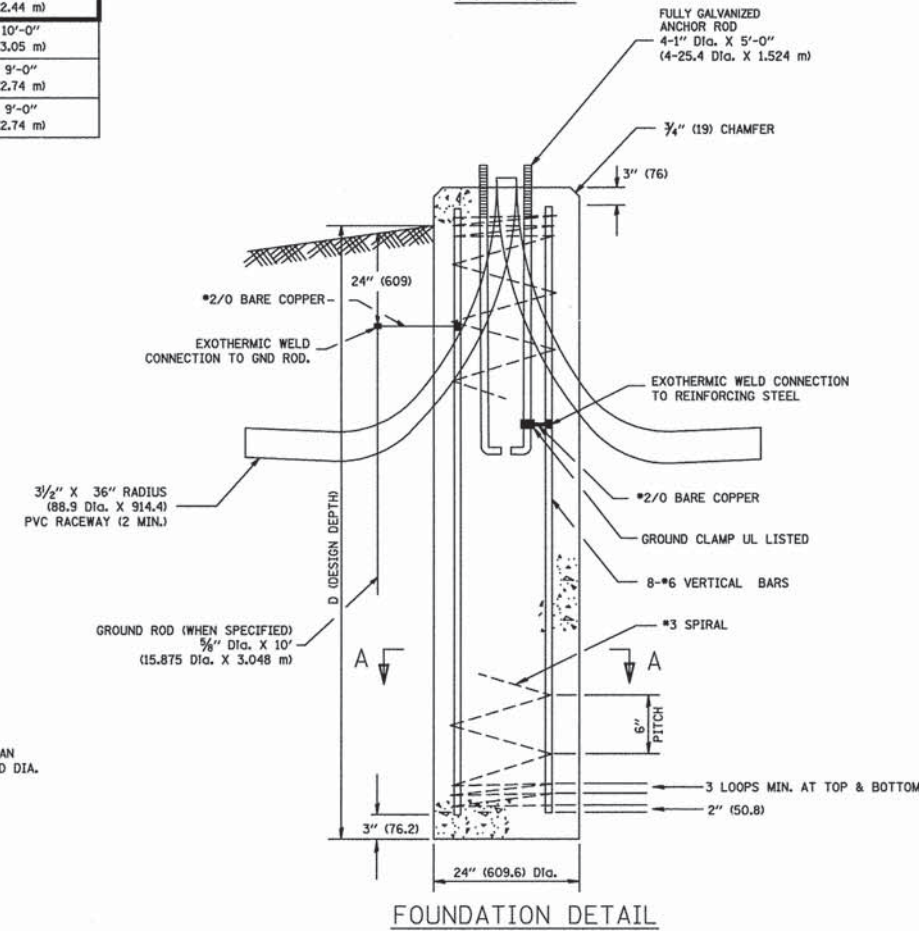


TOP VIEW

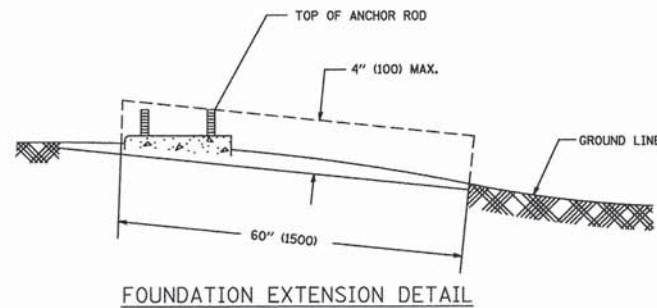
TOP VIEW



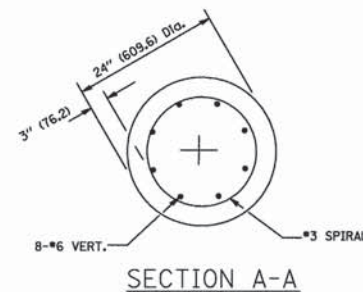
ANCHOR ROD DETAIL



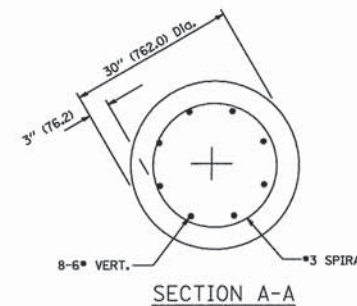
FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



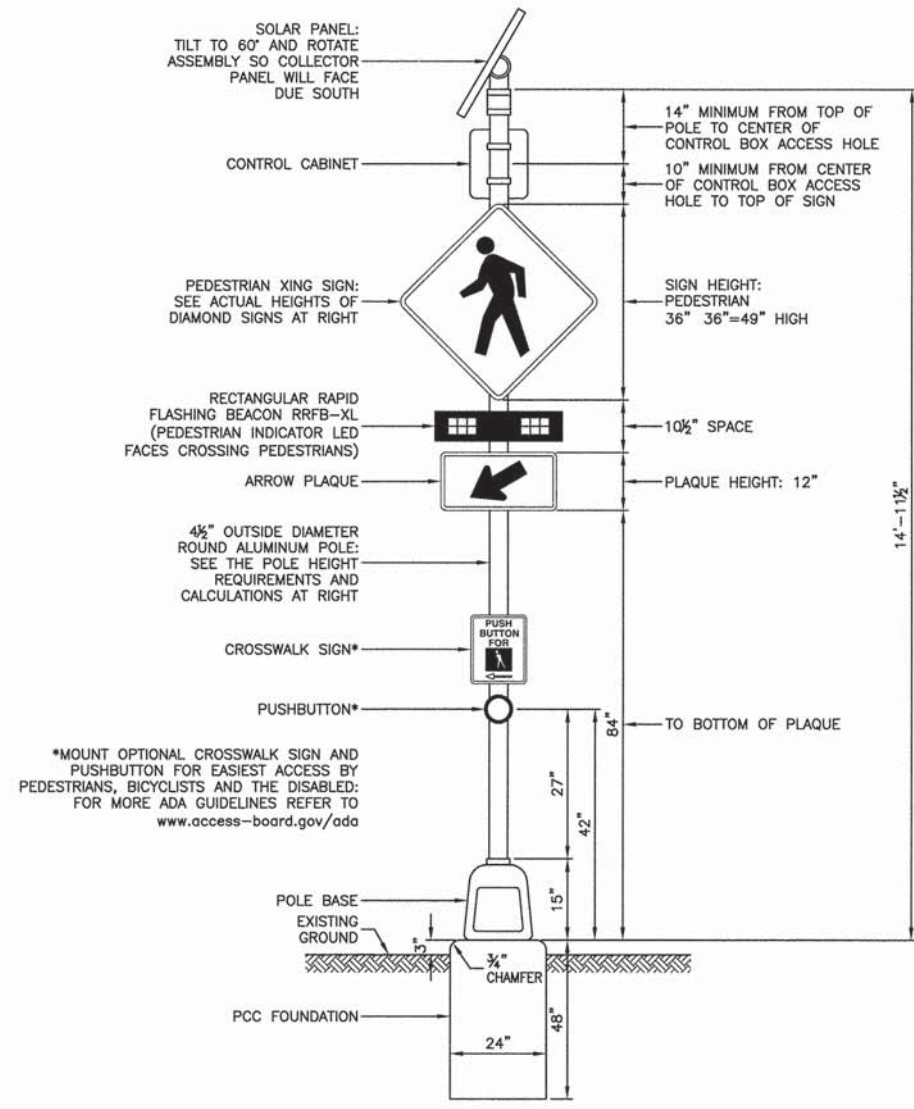
SECTION A-A



SECTION A-A

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



TYPICAL RECTANGULAR RAPID FLASHING BEACON CONFIGURATION

NOTES

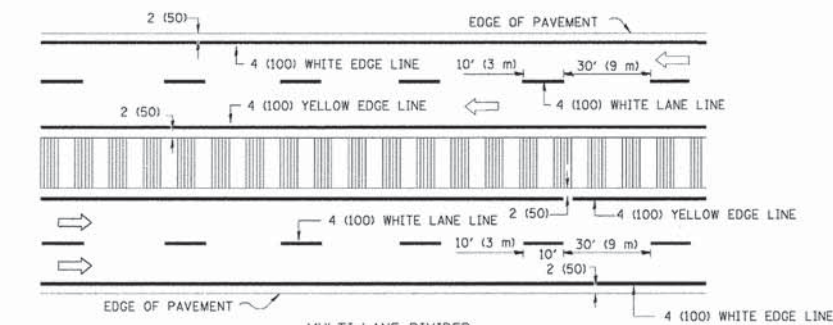
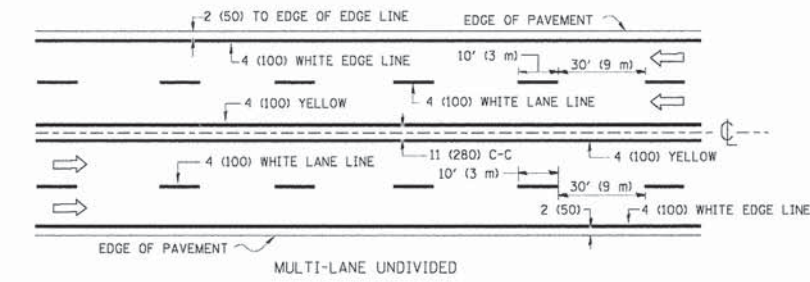
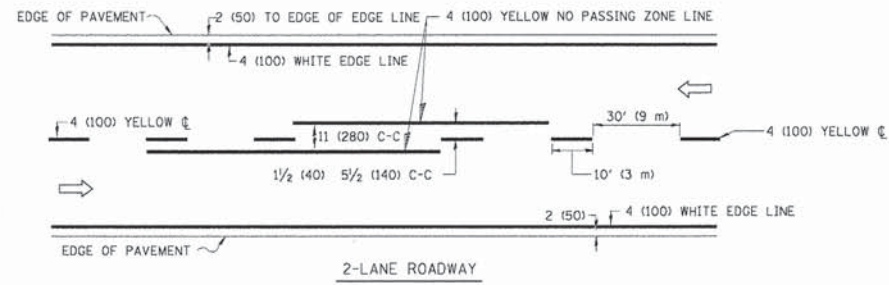
1. THE SCHEDULE OF QUANTITIES LISTS ITEMS INCLUDED FOR ONE COMPLETE ASSEMBLY.
2. SEE THE SPECIAL PROVISIONS FOR SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE) FOR FURTHER DETAILS.

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUAN
SOLAR PANEL	EACH	1
CONTROL CABINET AND ELECTRICAL COMPONENTS	EACH	1
RRFB-XL	EACH	2
PEDESTRIAN PUSHBUTTON	EACH	1
4 1/2" DIAMETER ALUMINUM POLE	EACH	1
P.C.C. FOUNDATION	EACH	1
PEDESTRIAN CROSSING SIGN	EACH	1
ARROW PLAQUE	EACH	1
CROSSWALK SIGN	EACH	1

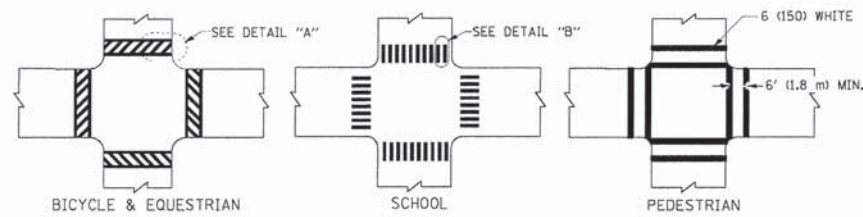
DATE
BY
REVISIONS
PLANNED
PLOTTED
ALIGNMENT CHECKED
MARKED
NO. FILE NAME

DATE
BY
REVISIONS
PROFILES
GRADES CHECKED
S.M. NOTED

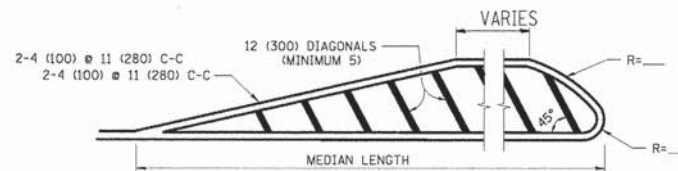
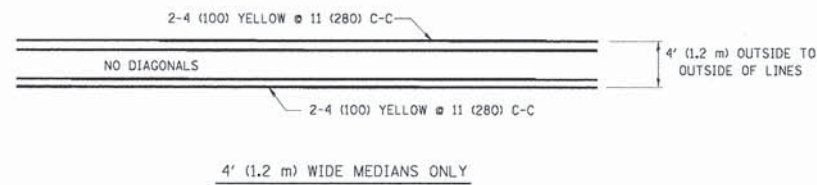


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

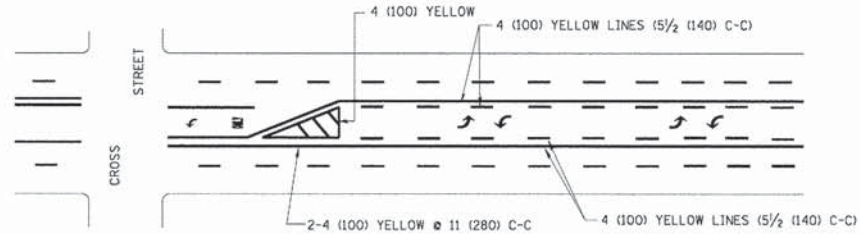


TYPICAL CROSSWALK MARKING

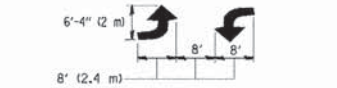


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

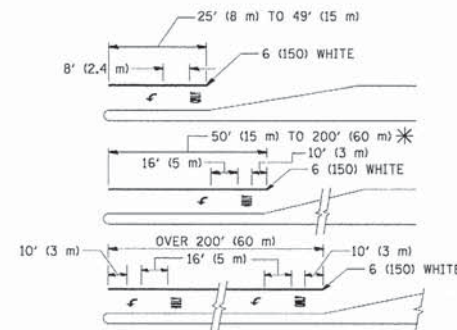


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

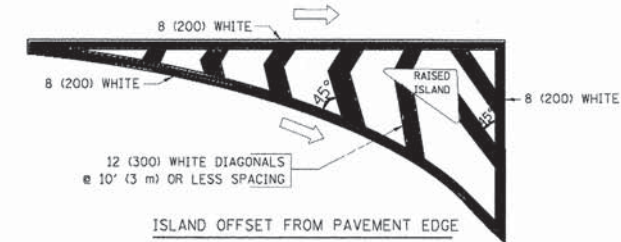


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

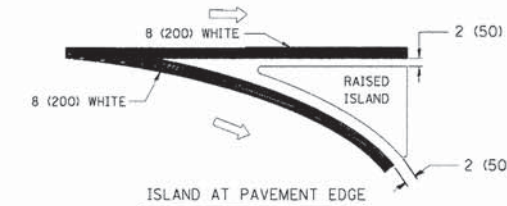
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

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 1/2 (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) LINES 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 1/2 (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 "RR"=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 = 12452_01-DTL5-01 - P01

USER NAME =	DESIGNED -- JPH/WPD	REVISED --
PLOT SCALE =	CHECKED -- PKB	REVISED --
PLOT DATE = 05-10-13	DRAWN -- RG	REVISED --
	CHECKED -- AG	REVISED --

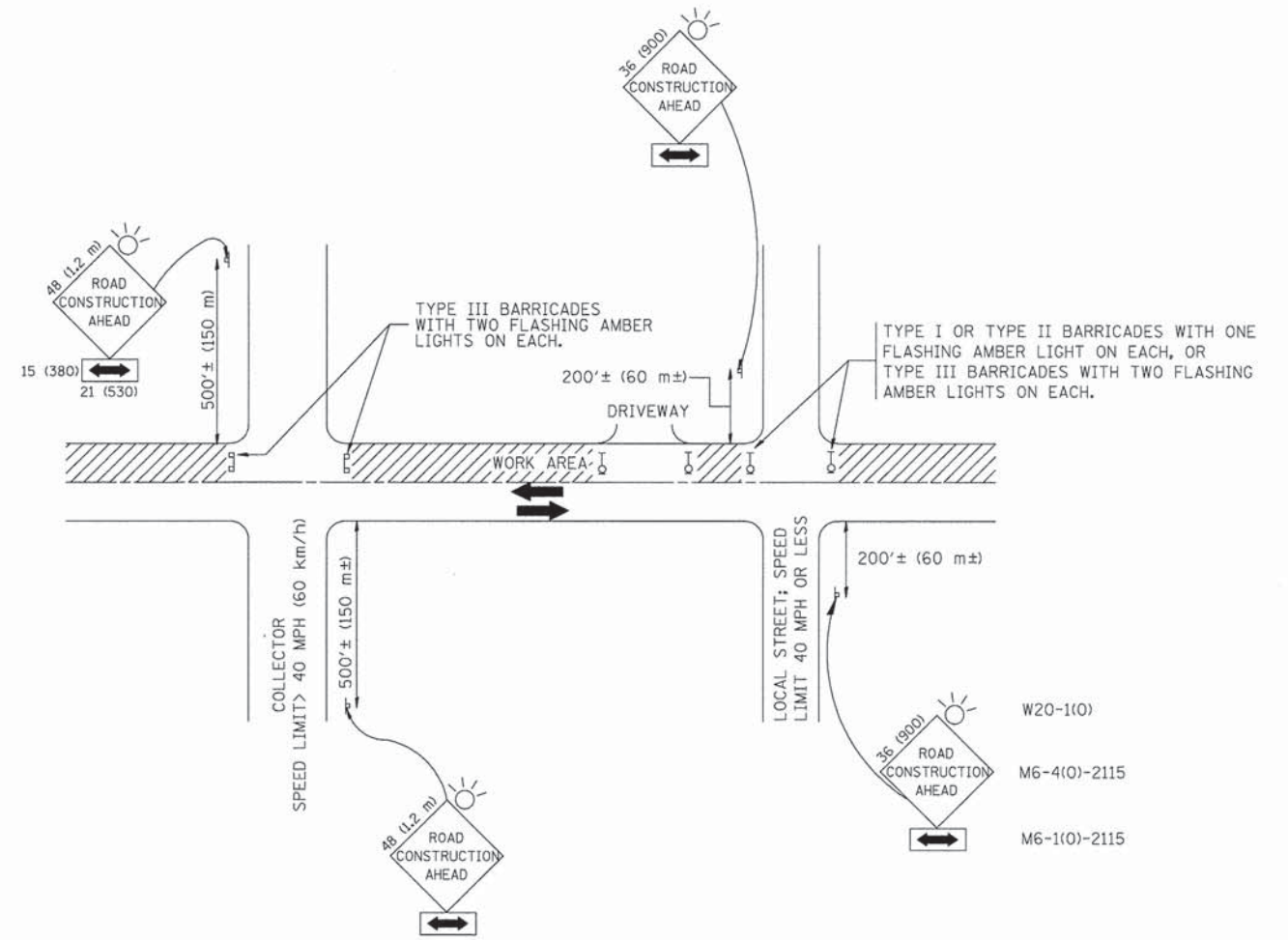
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
STATE STANDARDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	18
CONTRACT NO. 63841				

SCALE: N/A SHEET NO. 18 OF 31 SHEETS STA. TO STA.

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)



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.

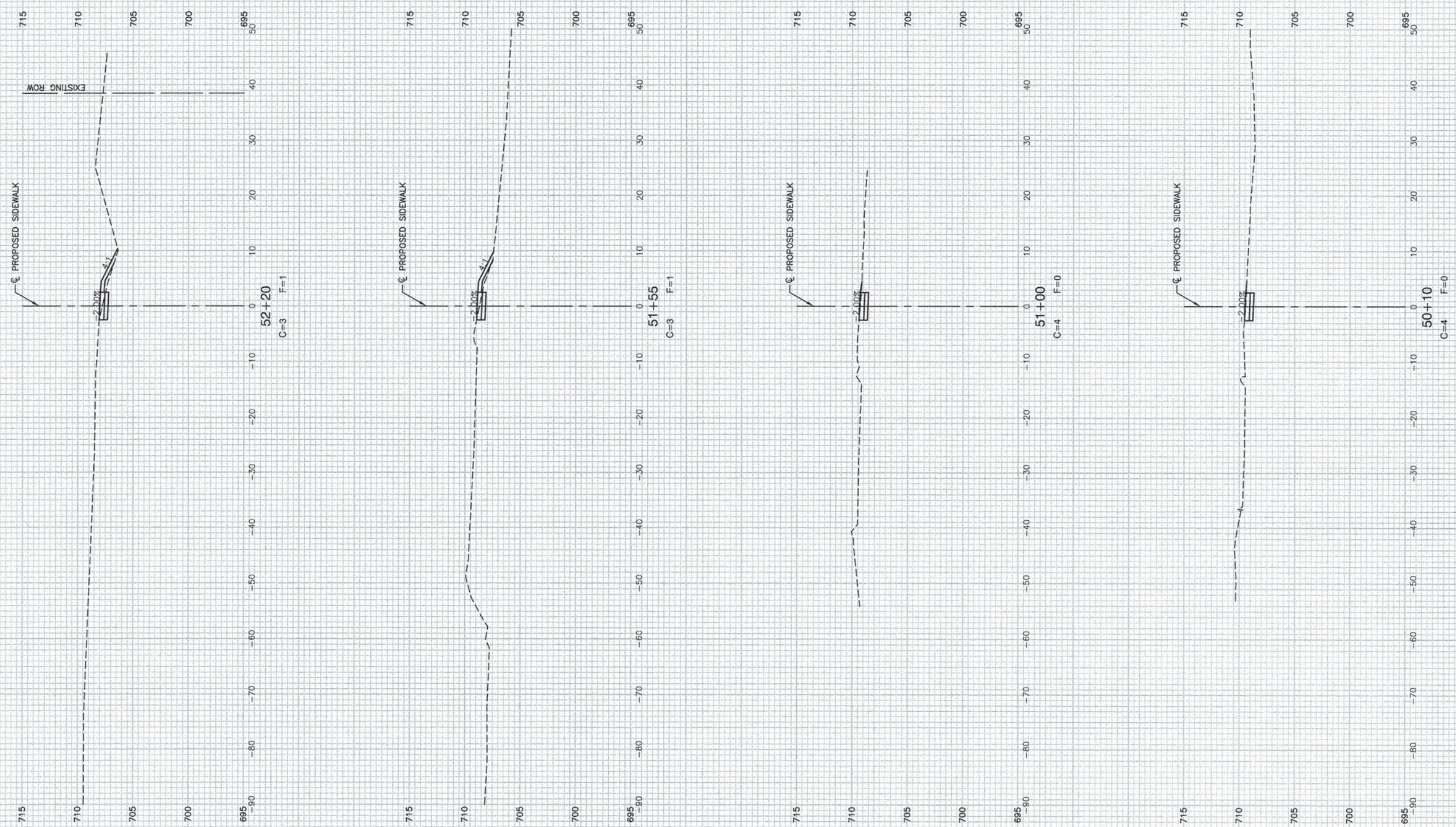
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE SHEET NO. 19 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	19
TC-10			CONTRACT NO. 63841	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				



FILE NAME = 12432_01-PLPR-01 - X01

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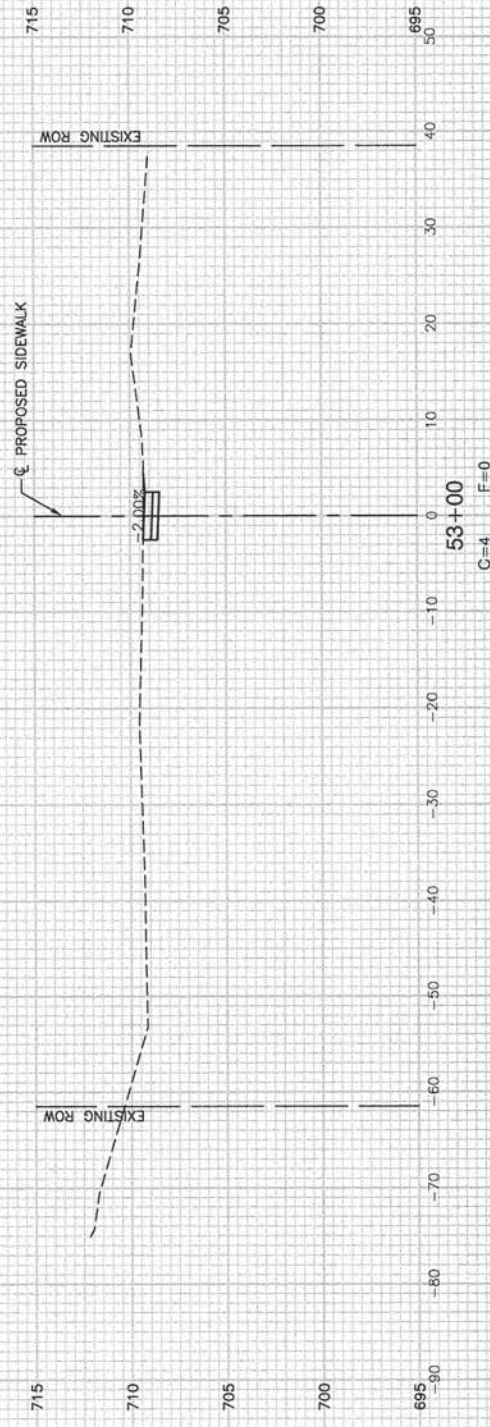
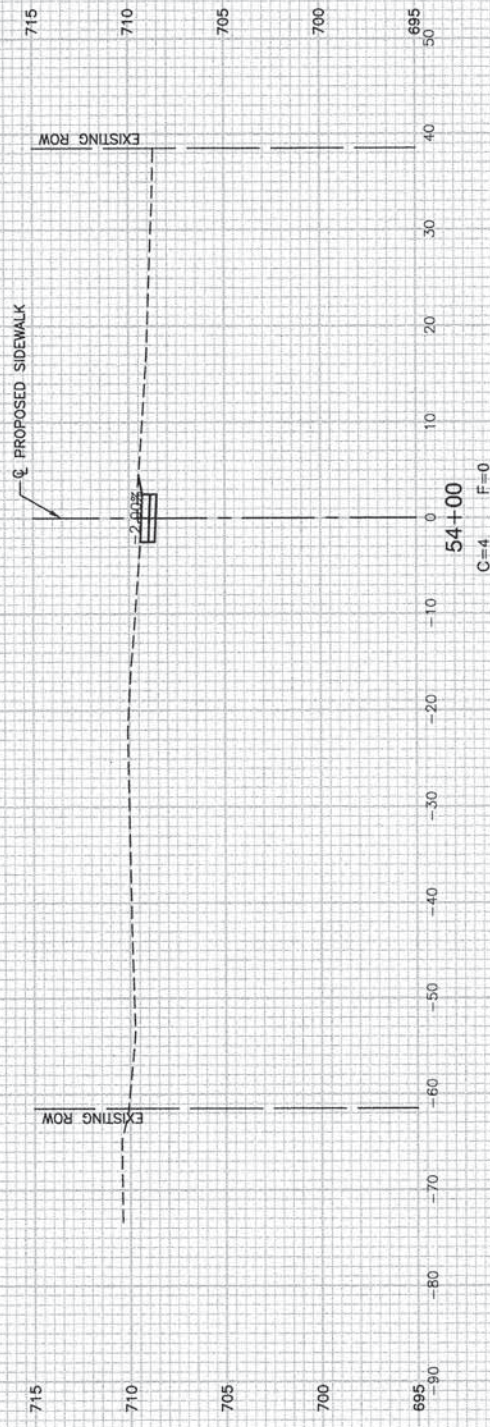
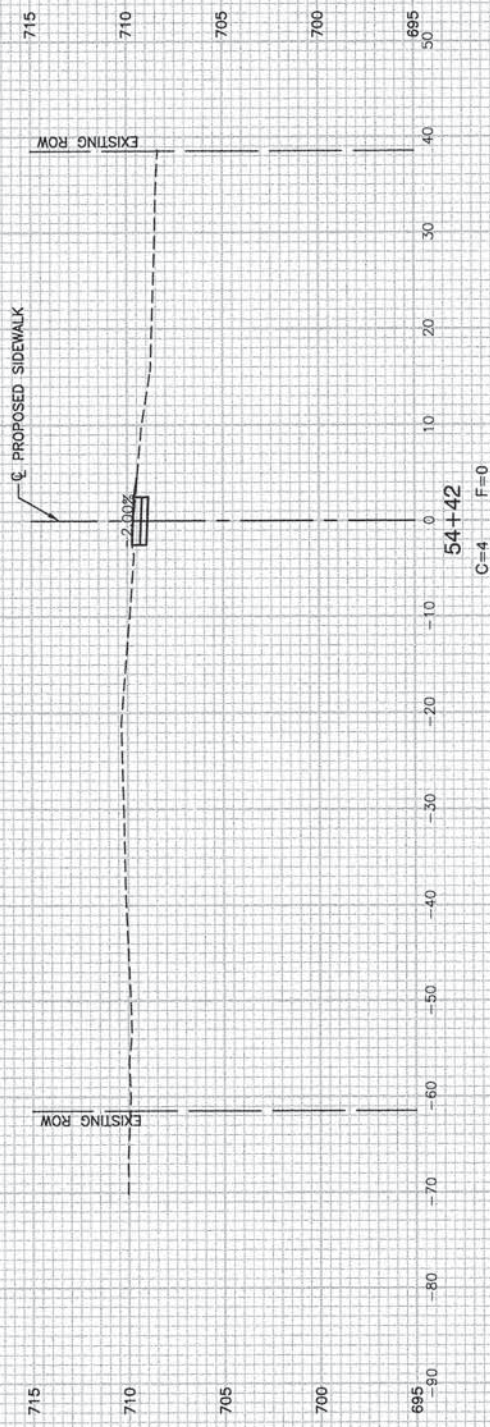
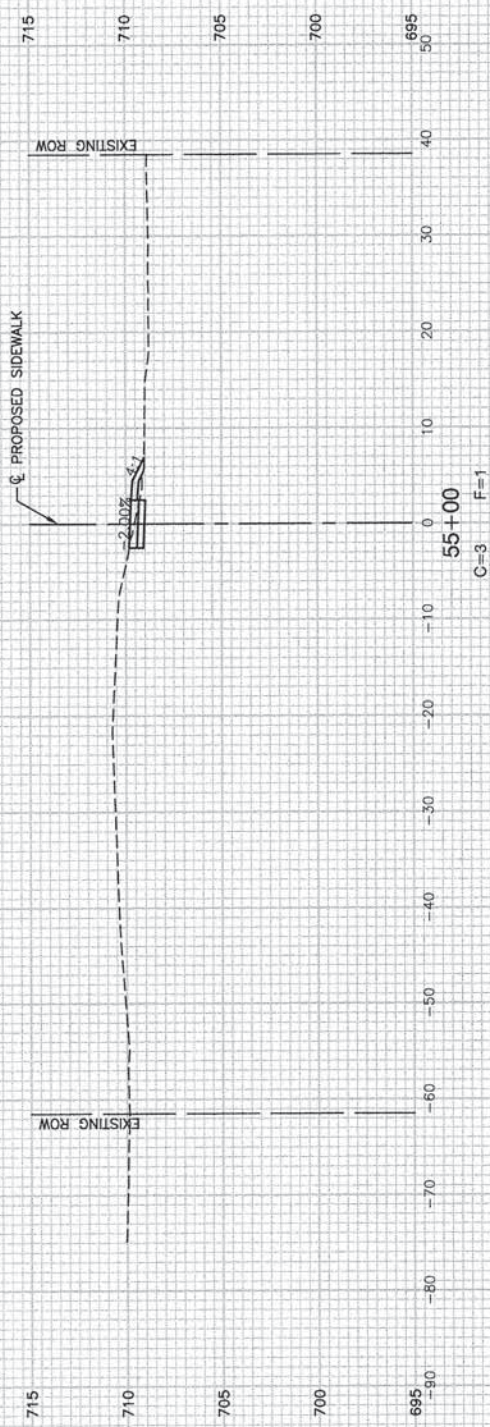
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5'
SHEET NO. 20 OF 31 SHEETS
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	20
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT TCSP-IL09 (044)	
			CONTRACT NO. 63841	

LARRY DWIGHT, INC. ENGINEERS AND ARCHITECTS
PLOT TITLE BY: MRS. W. J. CONDON CIVIL ENGINEER



FILE NAME = 12432_01-PLPR-01 - X02

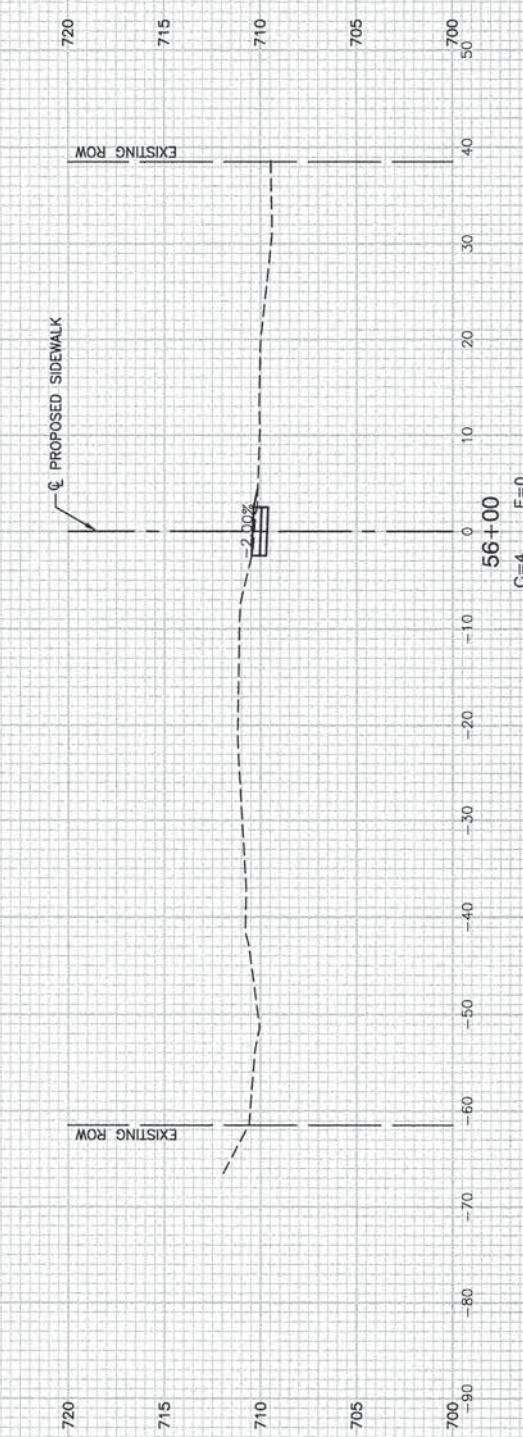
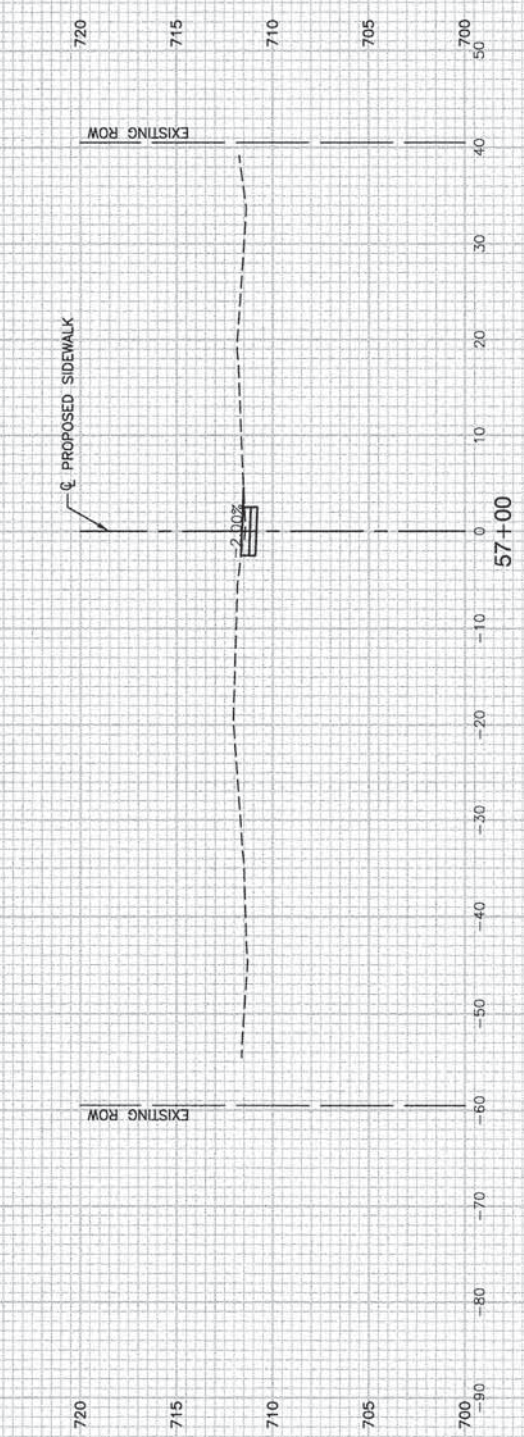
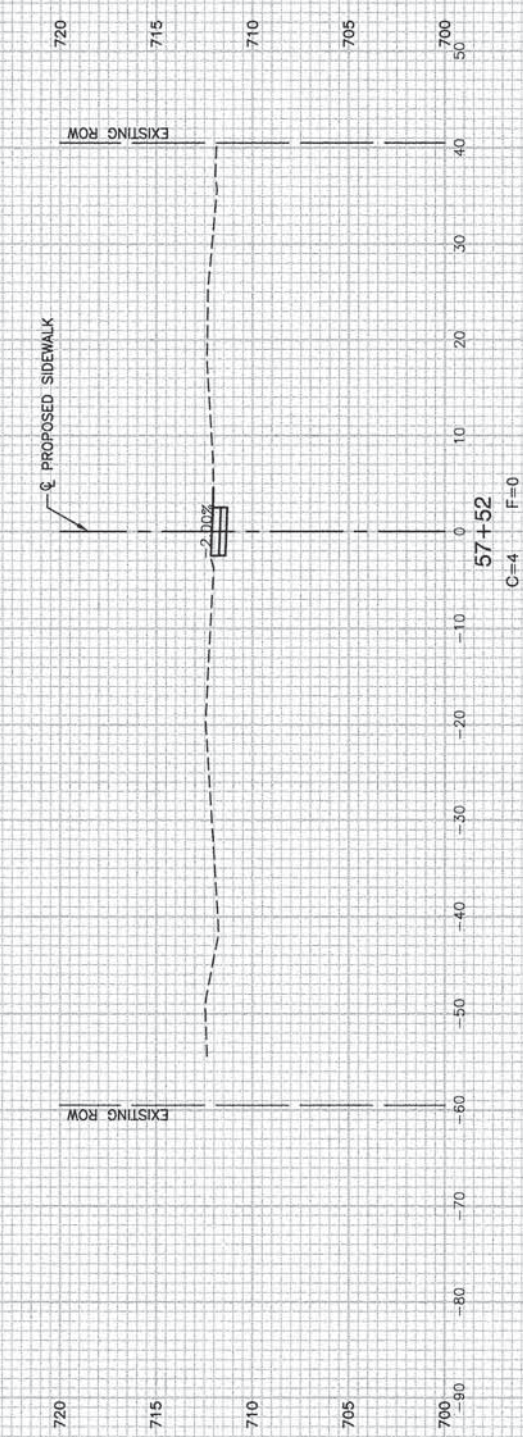
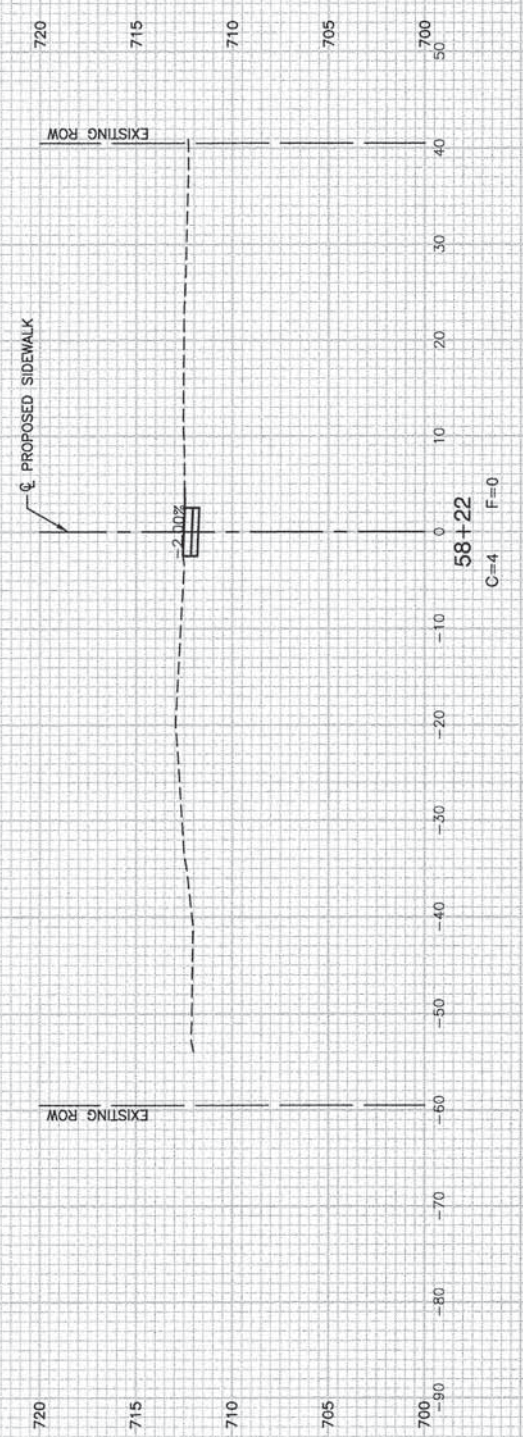
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PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 21 OF 31 SHEETS STA. TO STA.

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	21
CONTRACT NO. 63841				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				



FILE NAME = 12432_01-PLPR-01 - X03
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 PLOT DATE = 05-10-13

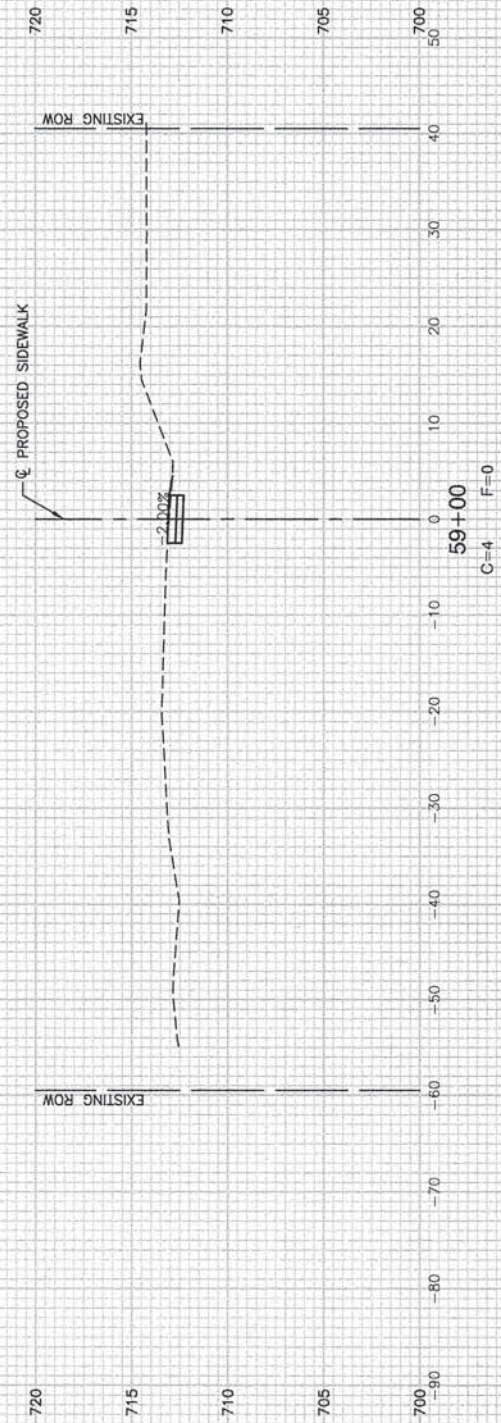
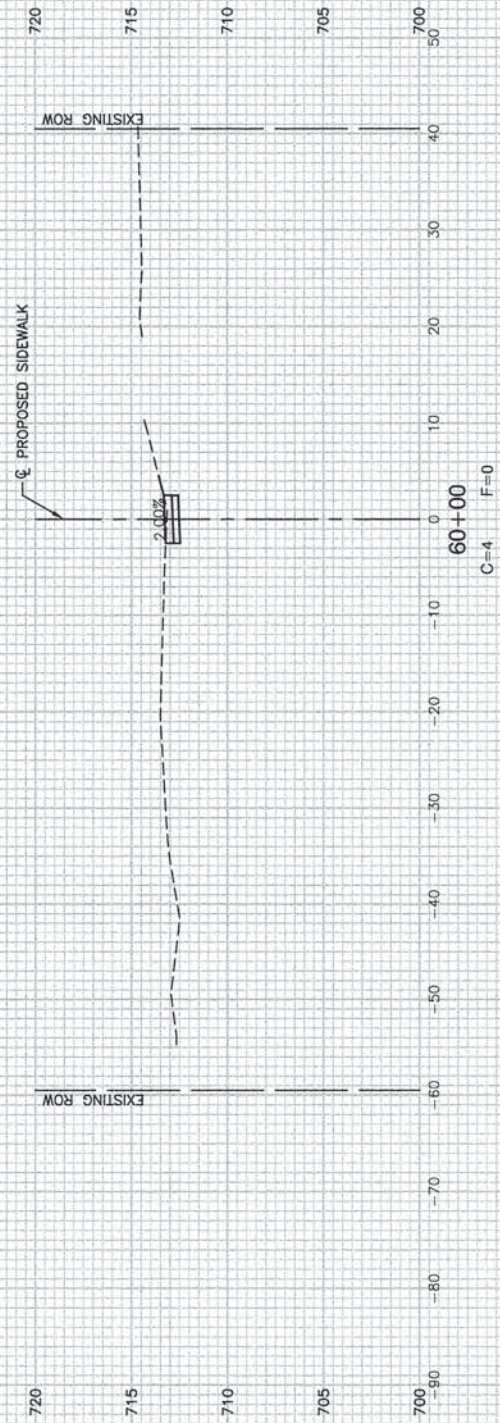
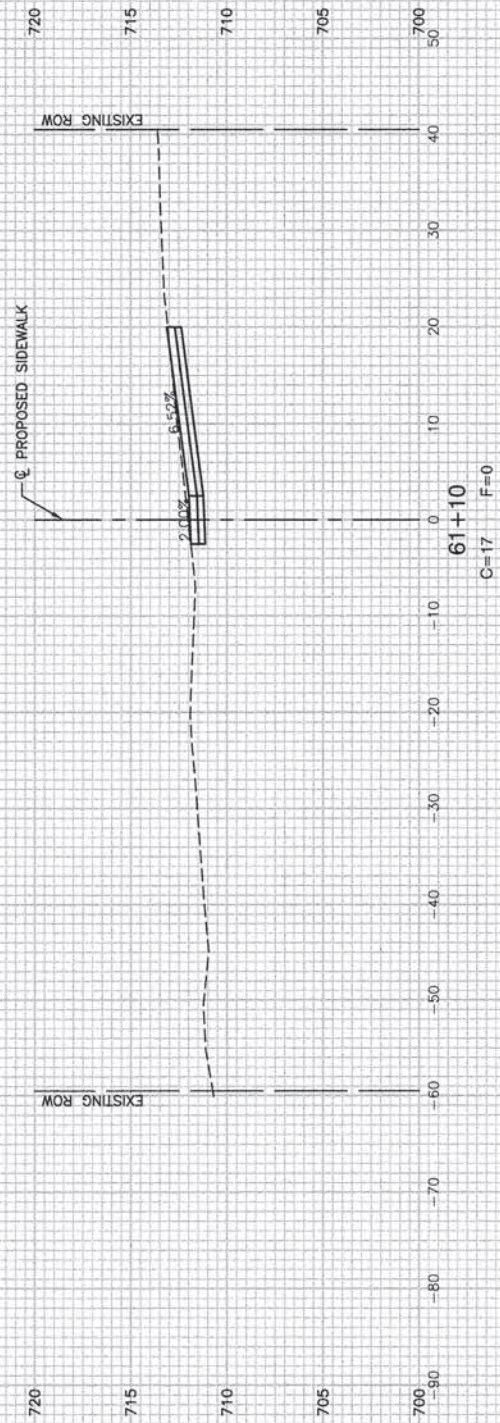
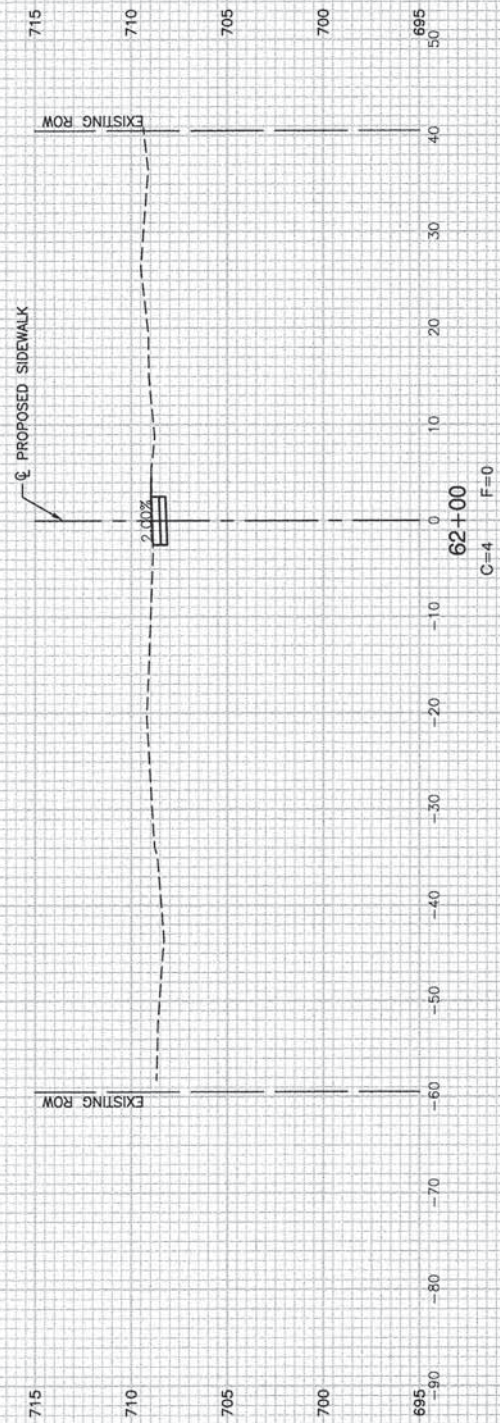
DESIGNED -- JPH/WPD	REVISED --
CHECKED -- PKB	REVISED --
DRAWN -- MD/RG	REVISED --
CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN IMPROVEMENTS
 VILLAGE OF OLYMPIA FIELDS
 CROSS SECTIONS**

SCALE: H 1"=10' V 1"=5' SHEET NO. 22 OF 31 SHEETS STA. TO STA.

F.A.U. RTE. 1009	SECTION 12-00030-00-SP	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 22
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT TCSP-IL09 (044)		
CONTRACT NO. 63841				

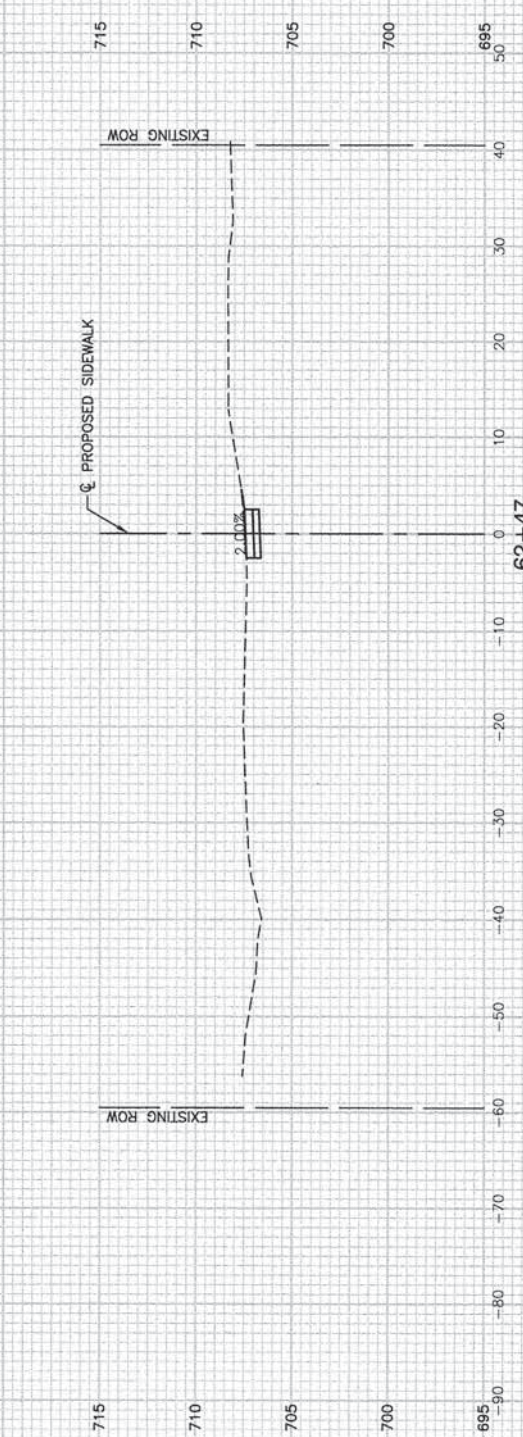
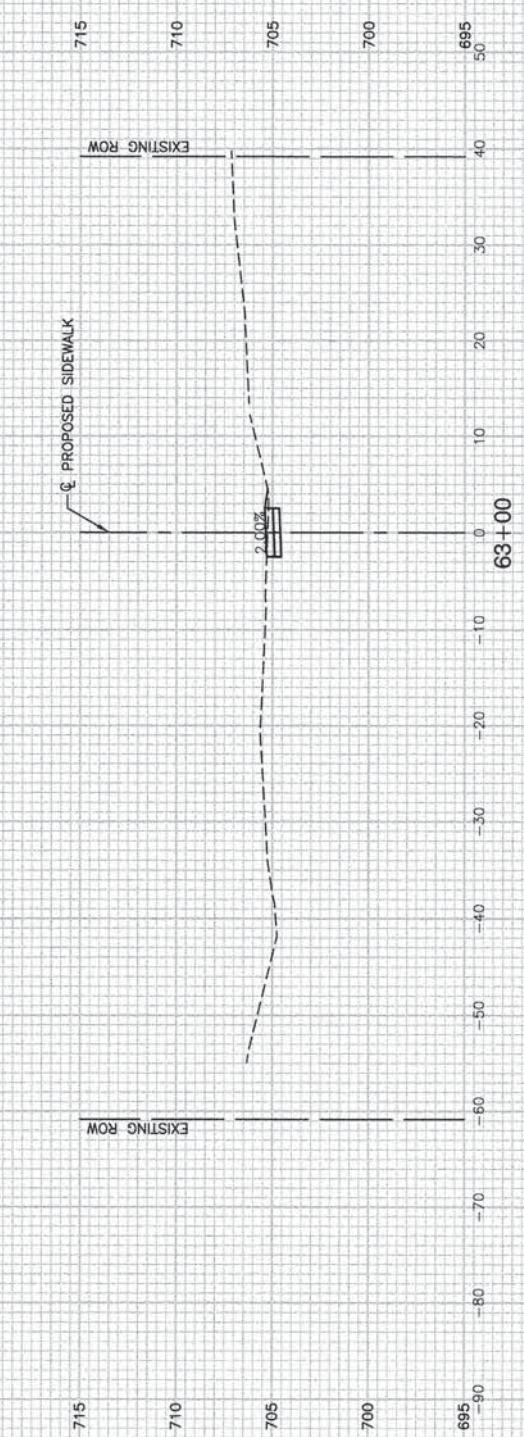
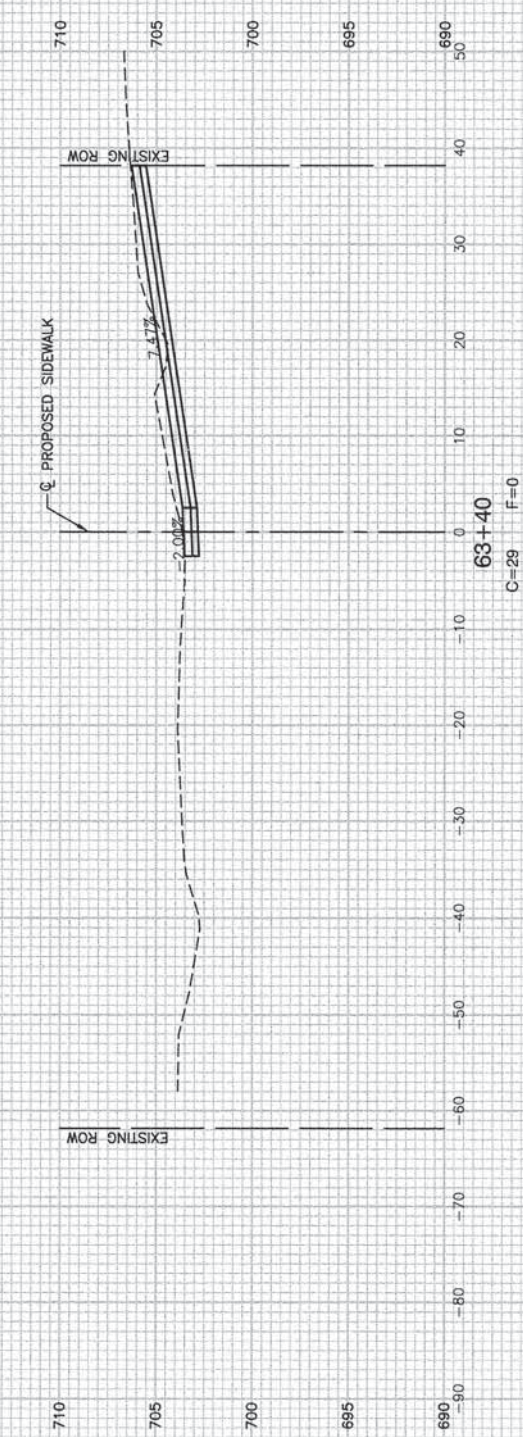
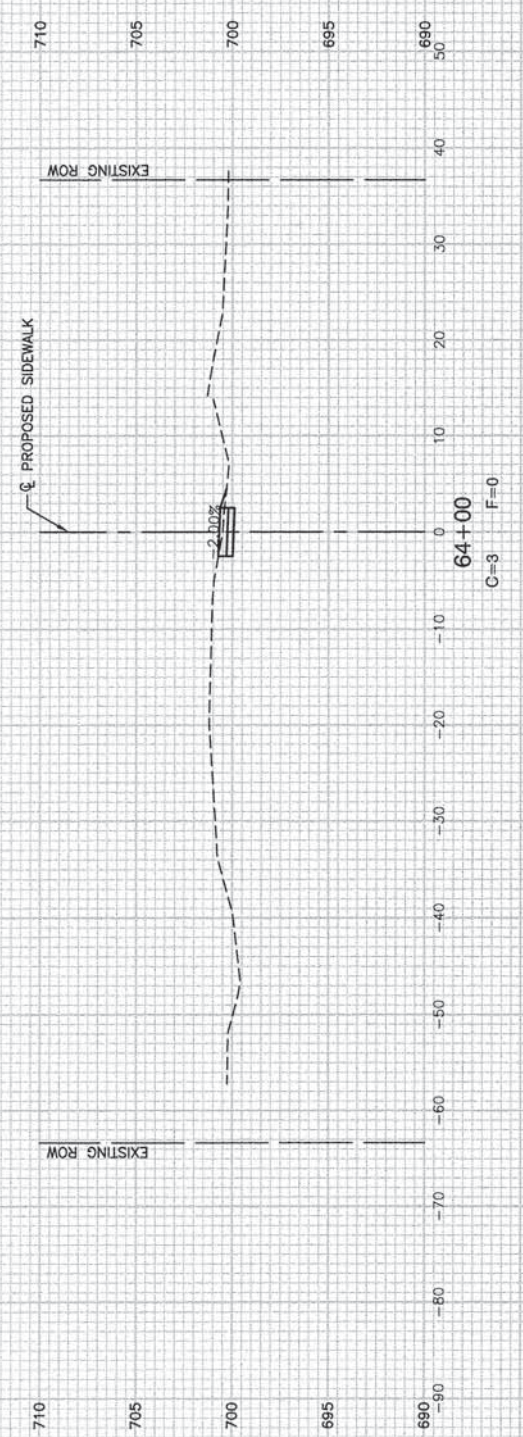


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	CHECKED -- PKB	REVISED --
PLOT SCALE =	DRAWN -- MD/RG	REVISED --
PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS VILLAGE OF OLYMPIA FIELDS CROSS SECTIONS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: H 1"=10' V 1"=5'		1009	12-00030-00-SP	COOK	31	23
SHEET NO. 23 OF 31 SHEETS		CONTRACT NO. 63841				
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				



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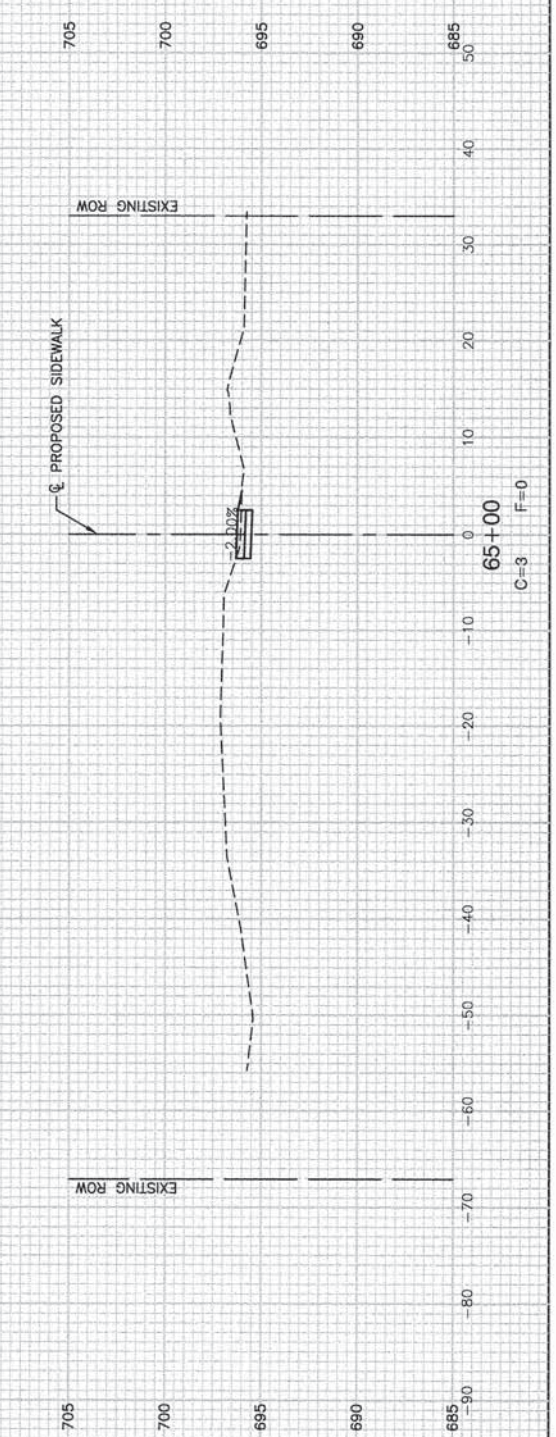
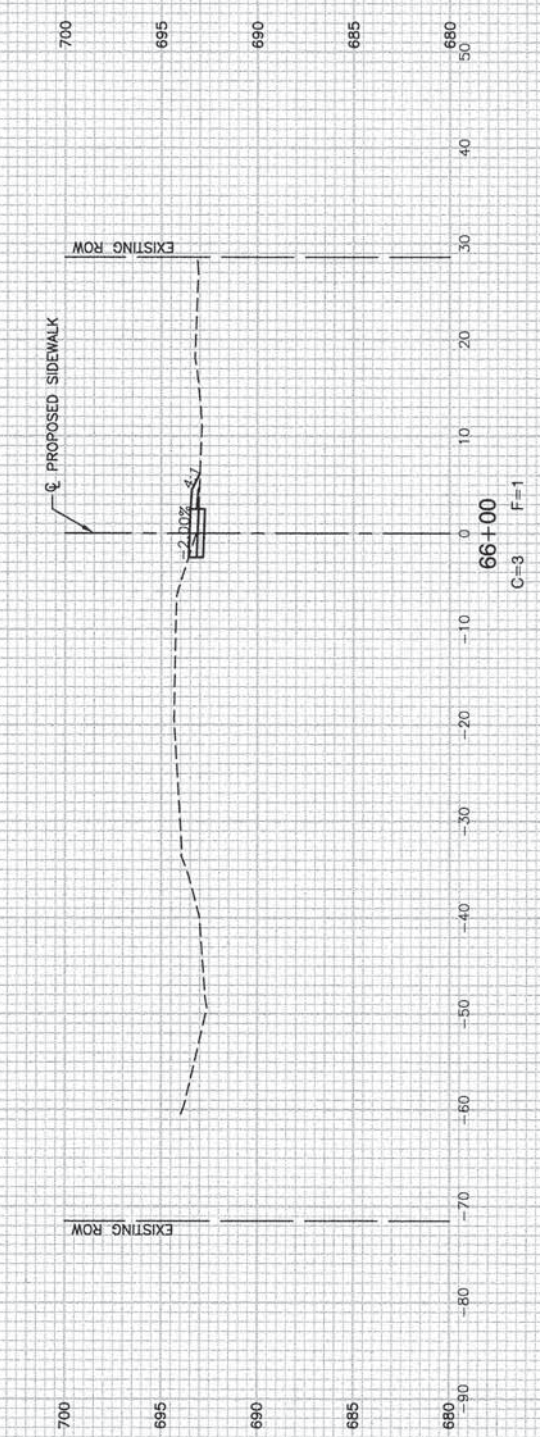
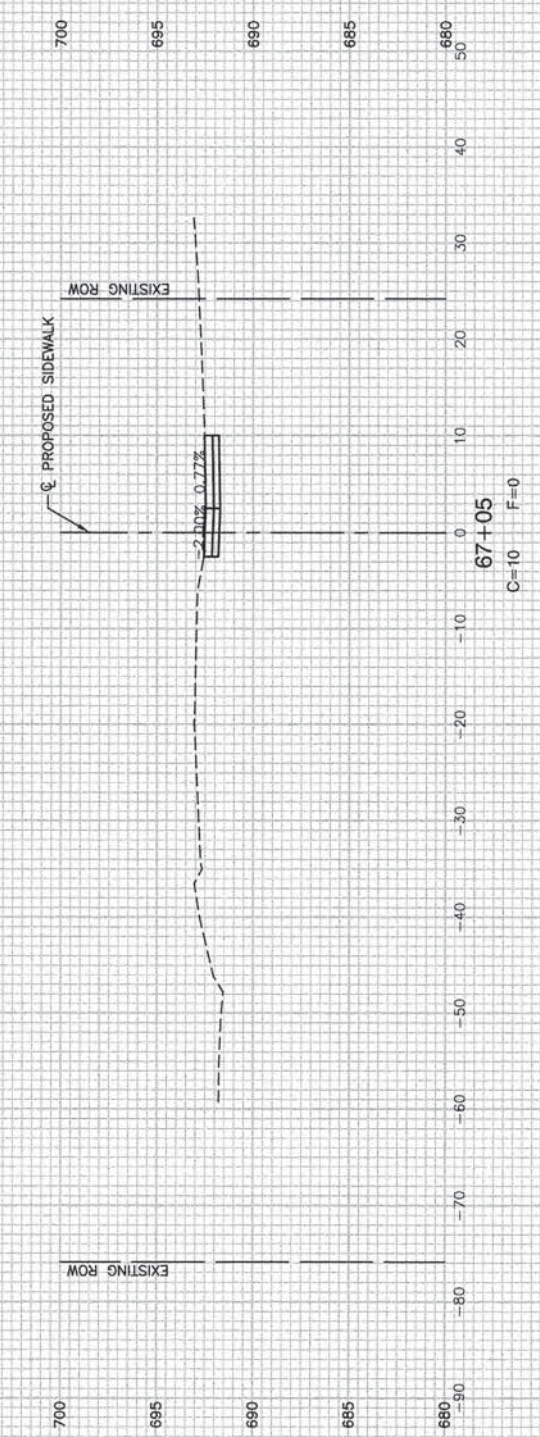
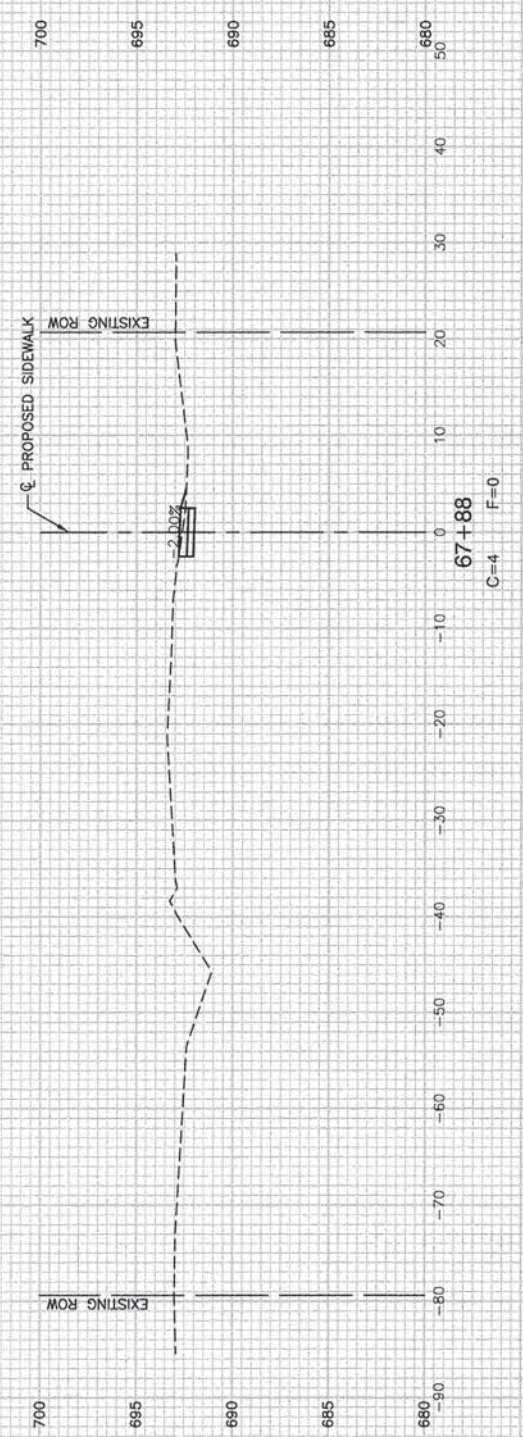
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CHECKED	PKB	REVISED	--
DRAWN	MD/RG	REVISED	--
CHECKED	AG	REVISED	--

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN IMPROVEMENTS
 VILLAGE OF OLYMPIA FIELDS
 CROSS SECTIONS**

SCALE: H 1"=10' V 1"=5' SHEET NO. 24 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	24
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT TCSP-IL09 (044)	



FILE NAME = 12432_01-PLPR-01 - X06
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 PLOT DATE = 05-10-13

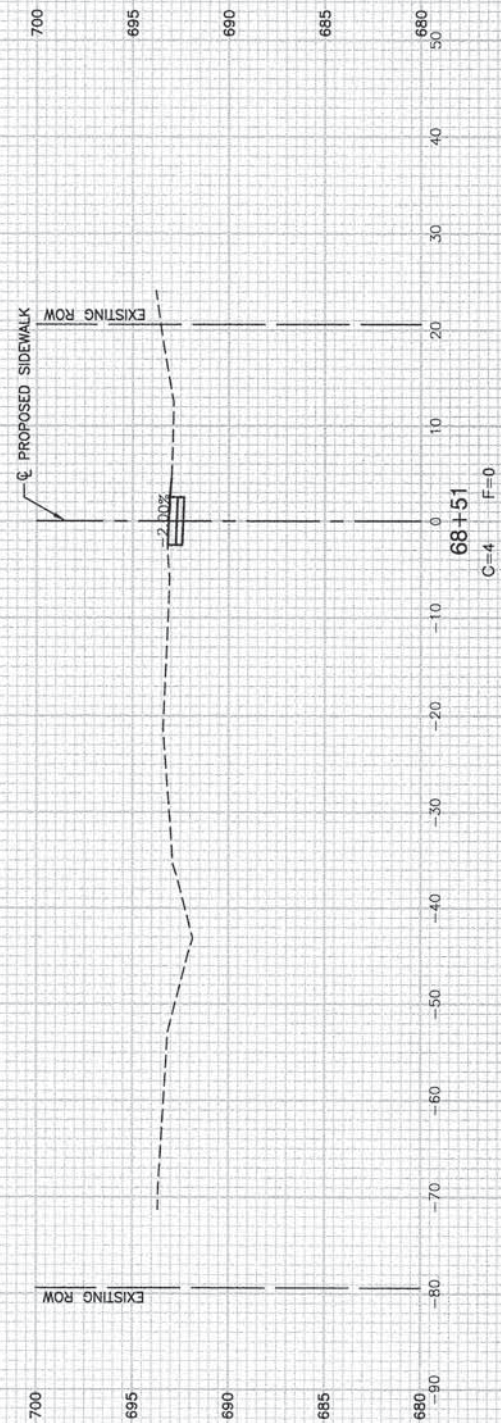
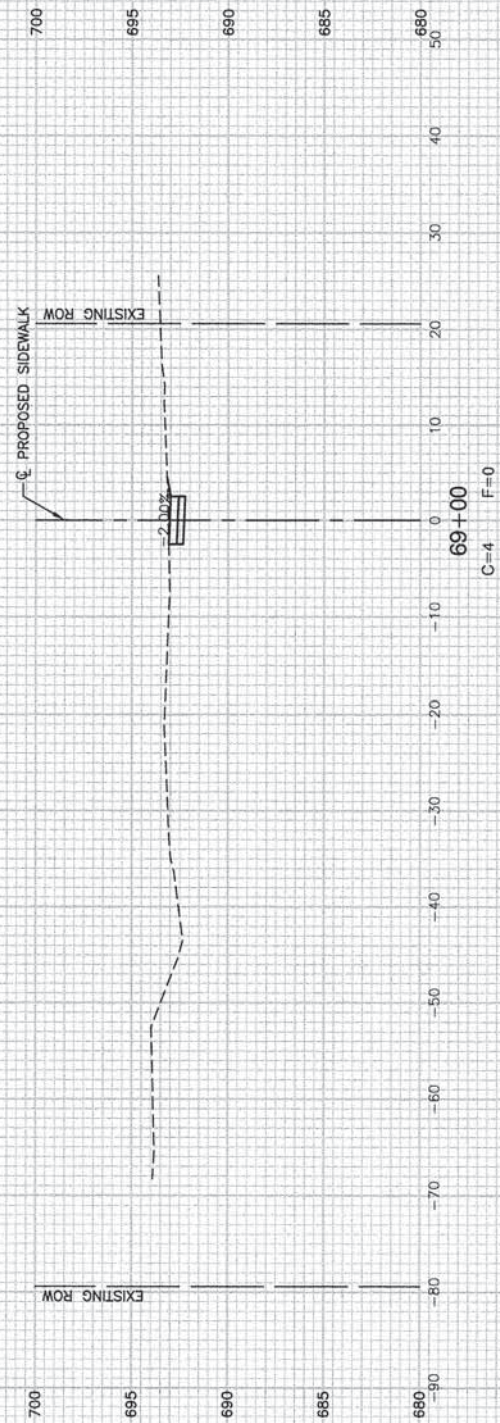
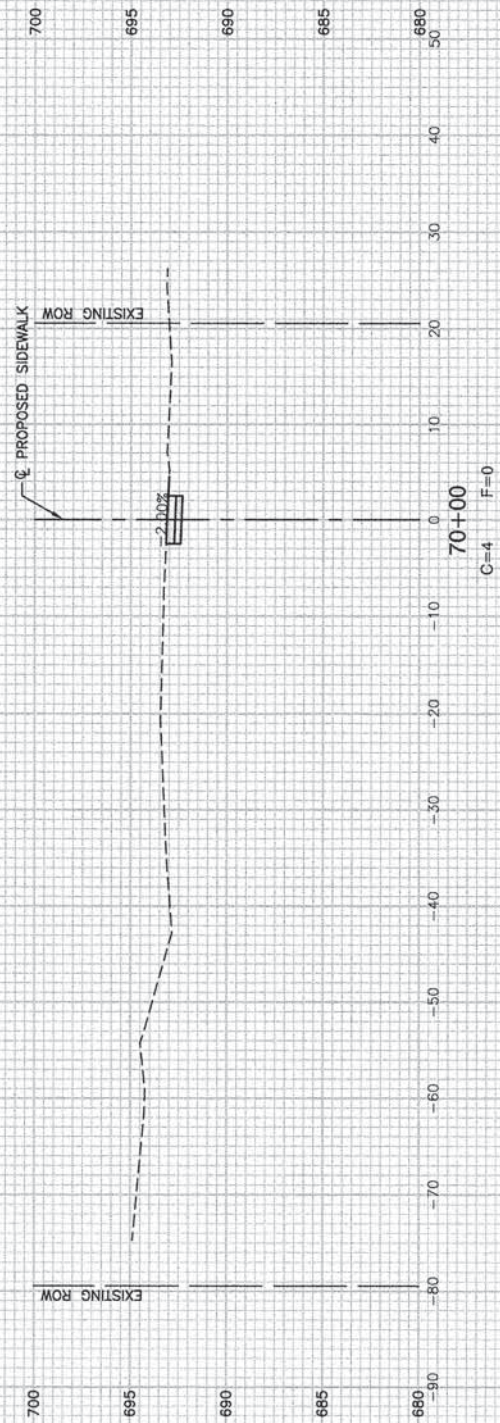
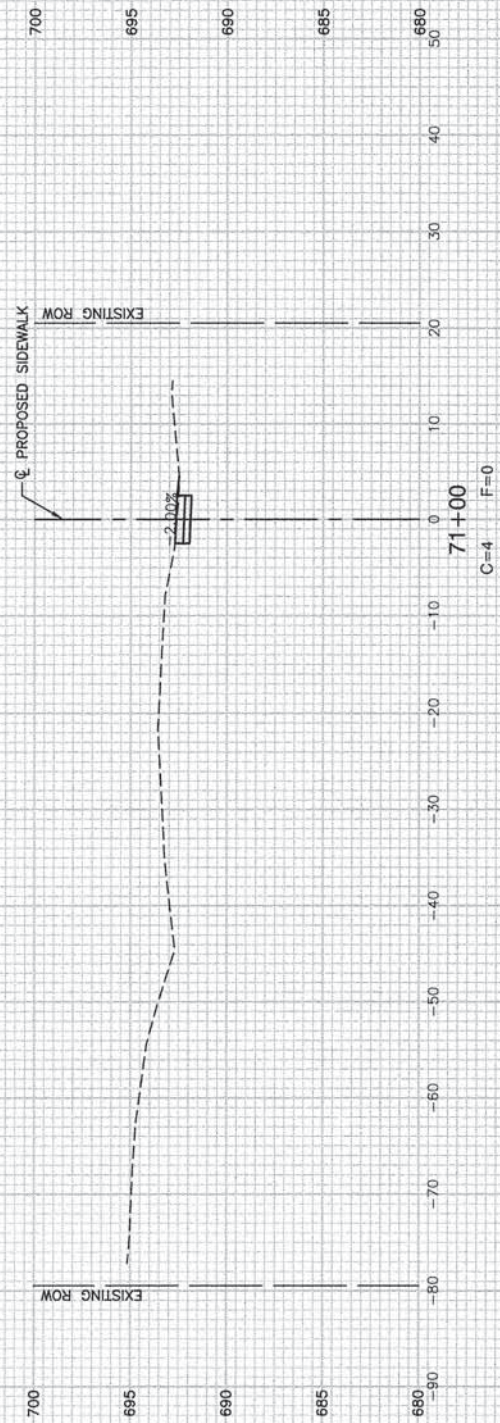
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CHECKED -- PKB	REVISION --
DRAWN -- MD/RG	REVISION --
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN IMPROVEMENTS
 VILLAGE OF OLYMPIA FIELDS
 CROSS SECTIONS**

SCALE: H 1"=10' V 1"=5' SHEET NO. 25 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)			CONTRACT NO. 63841	



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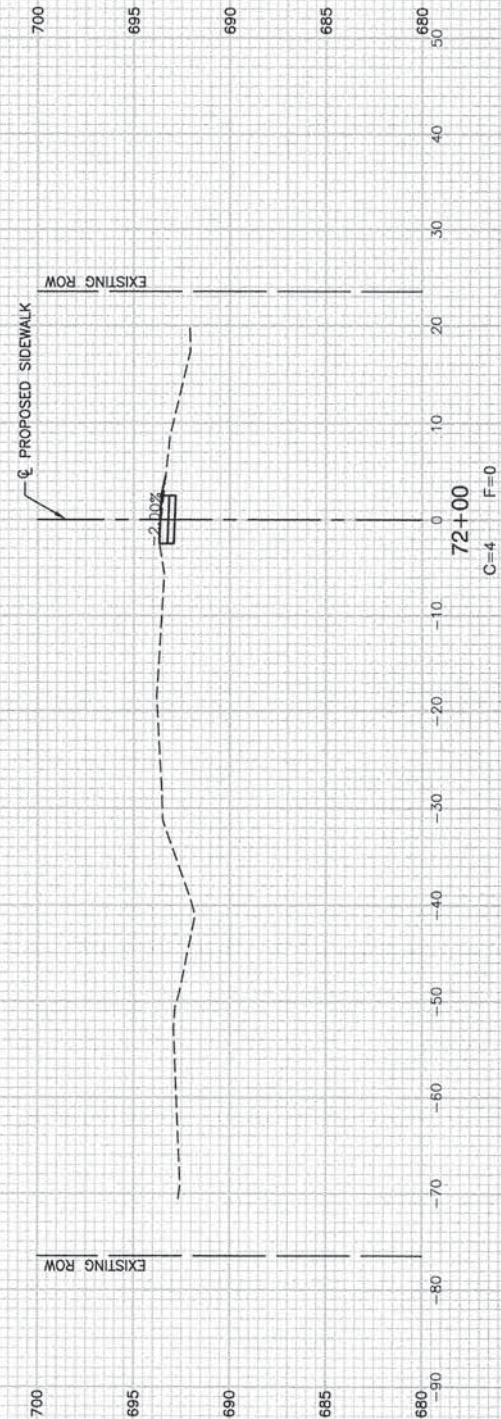
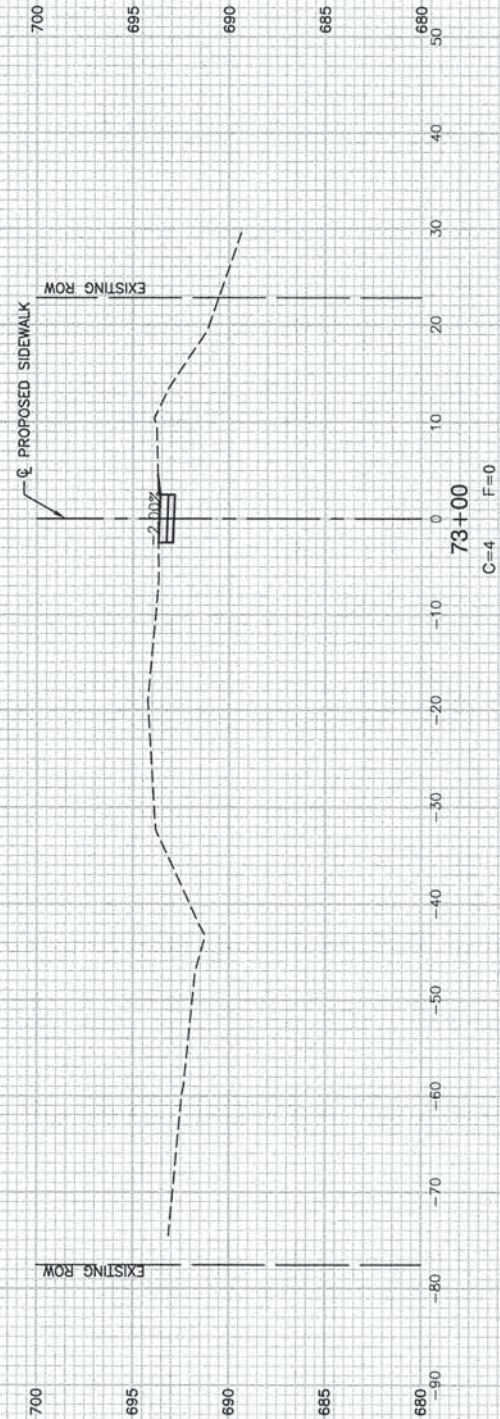
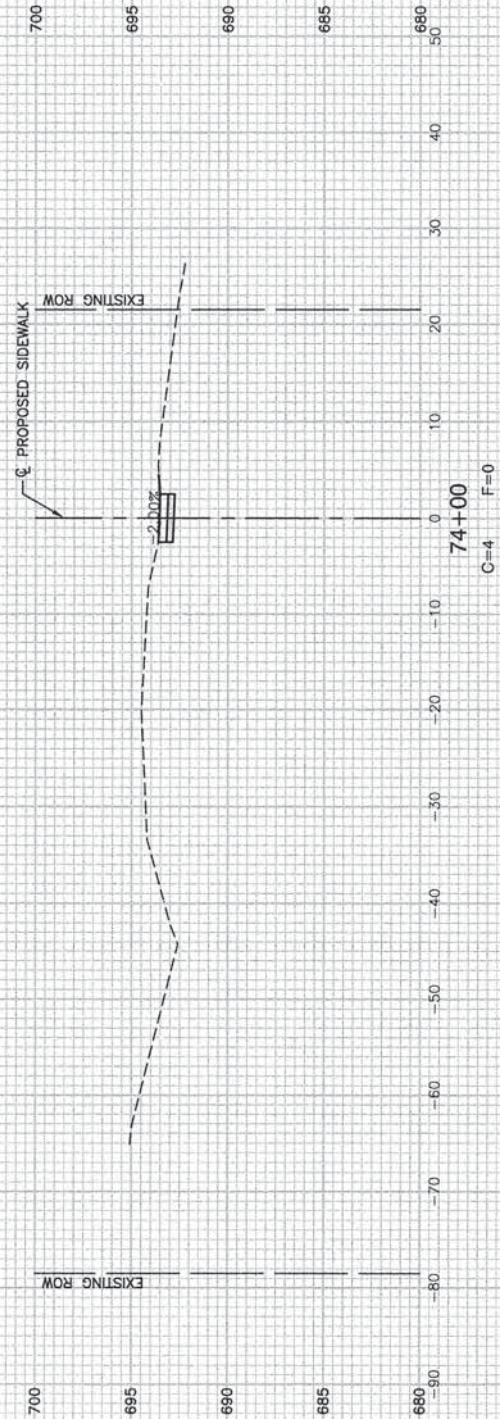
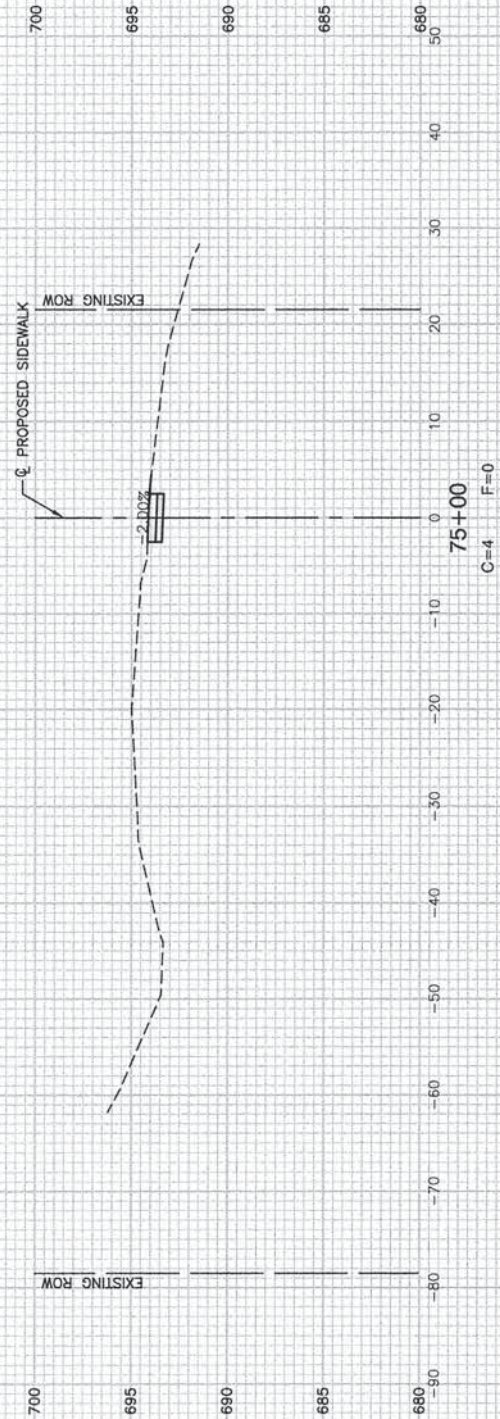
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PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 26 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	26
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)			CONTRACT NO. 63841	



FILE NAME = 12432_01-PLPR-01 - X08

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PLOT DATE = 05-10-13	CHECKED -- AG	REVISED --

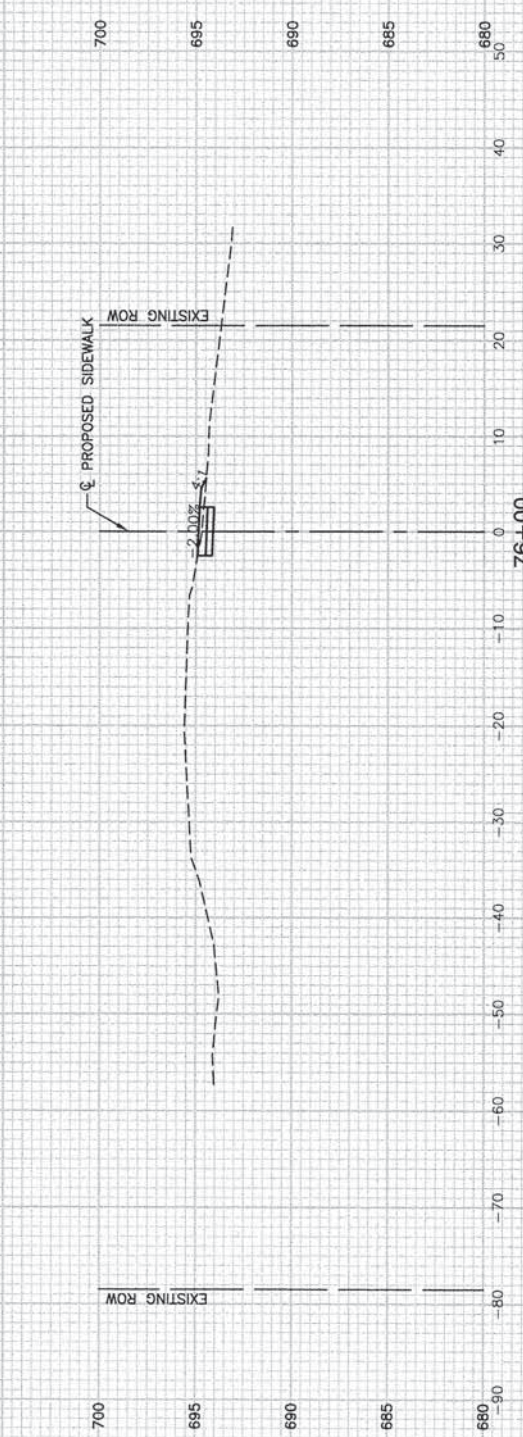
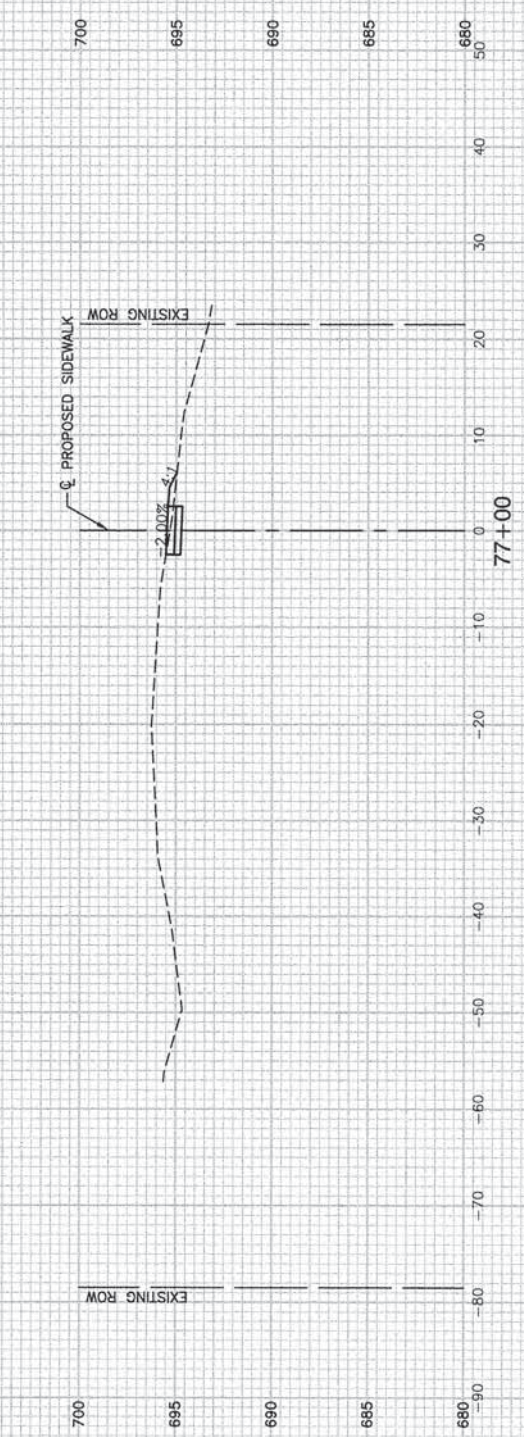
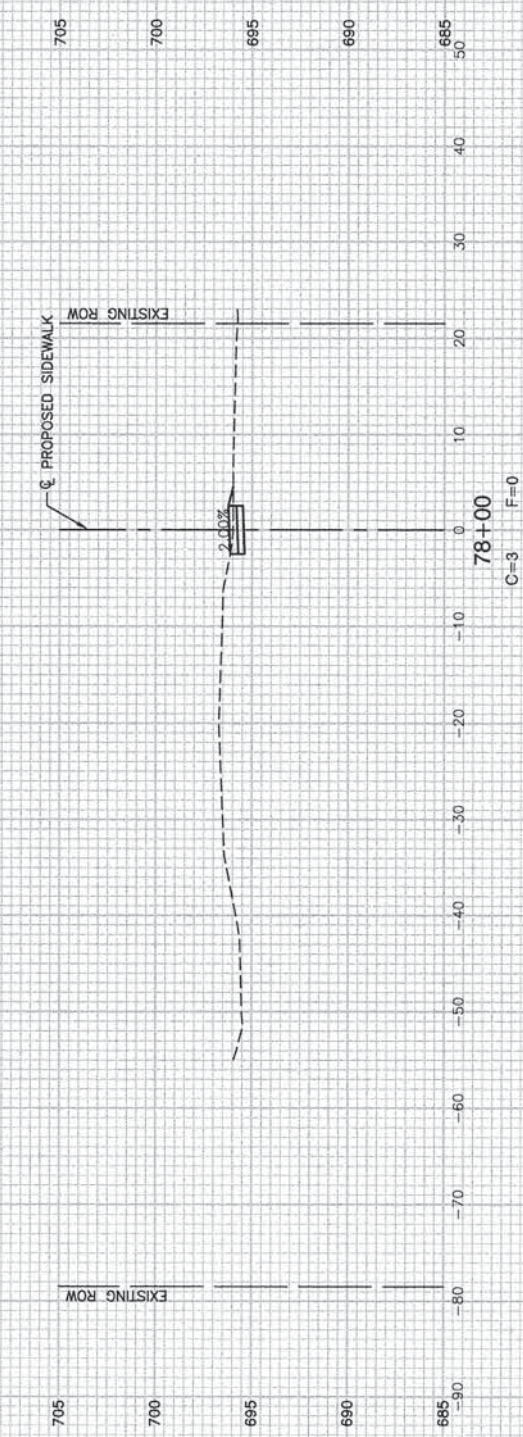
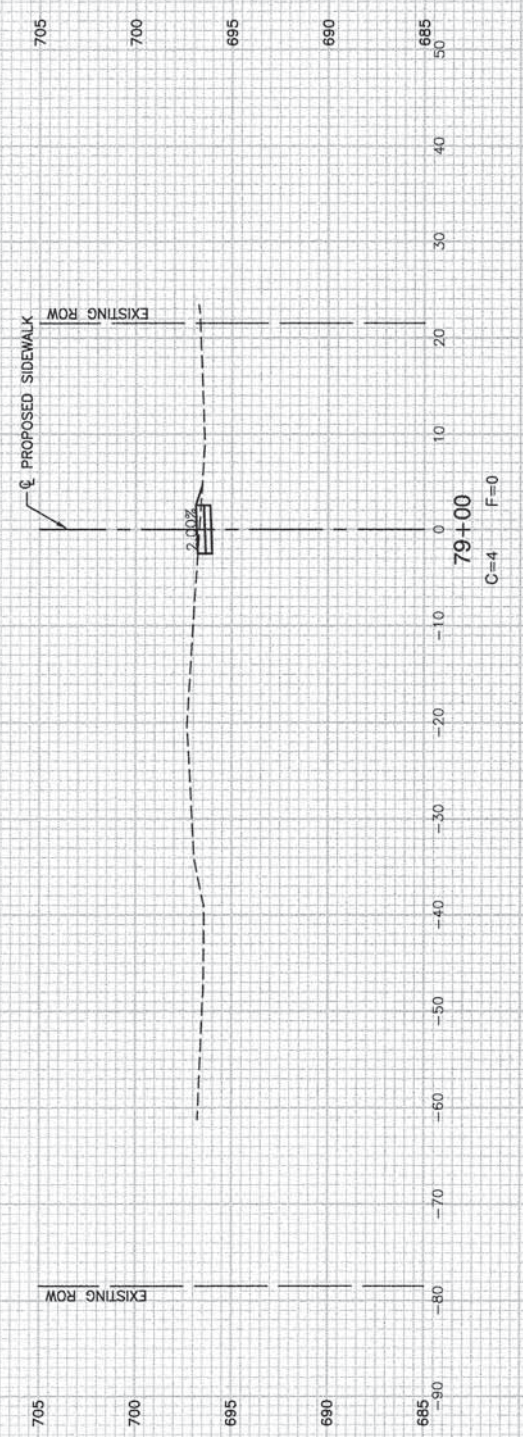
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 27 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	27
CONTRACT NO. 63841				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)



FILE NAME = 12432_01-PLPR-01 - X09
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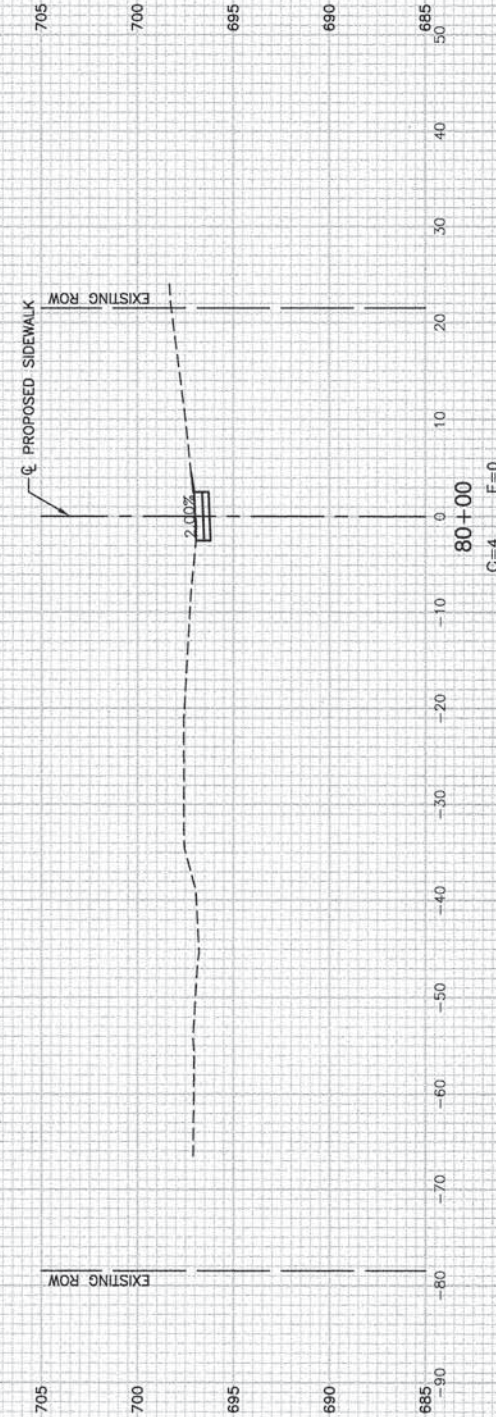
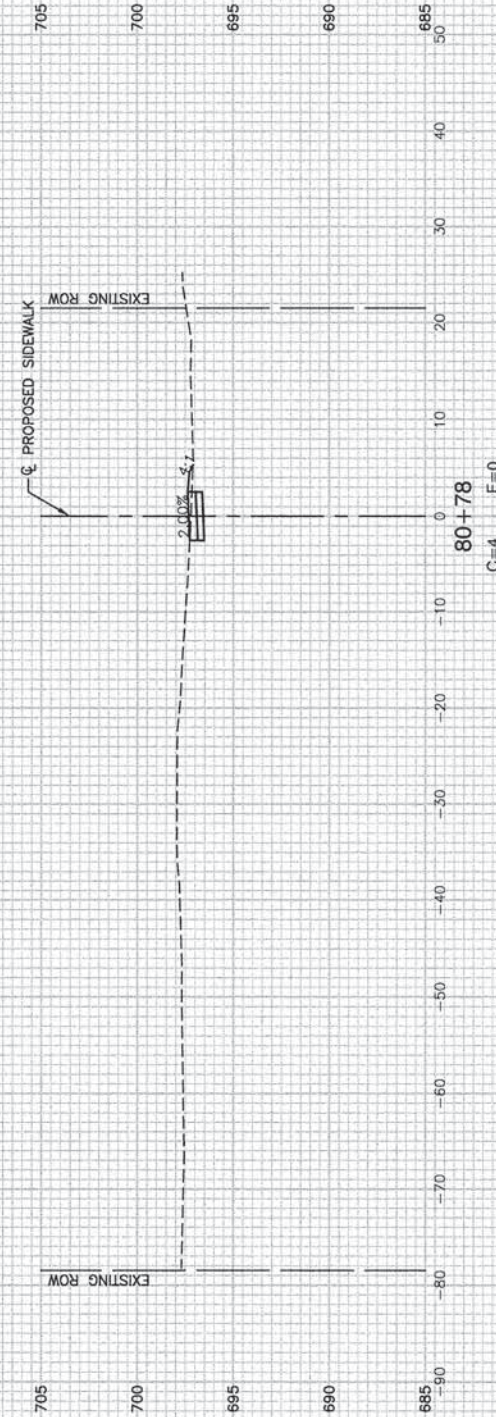
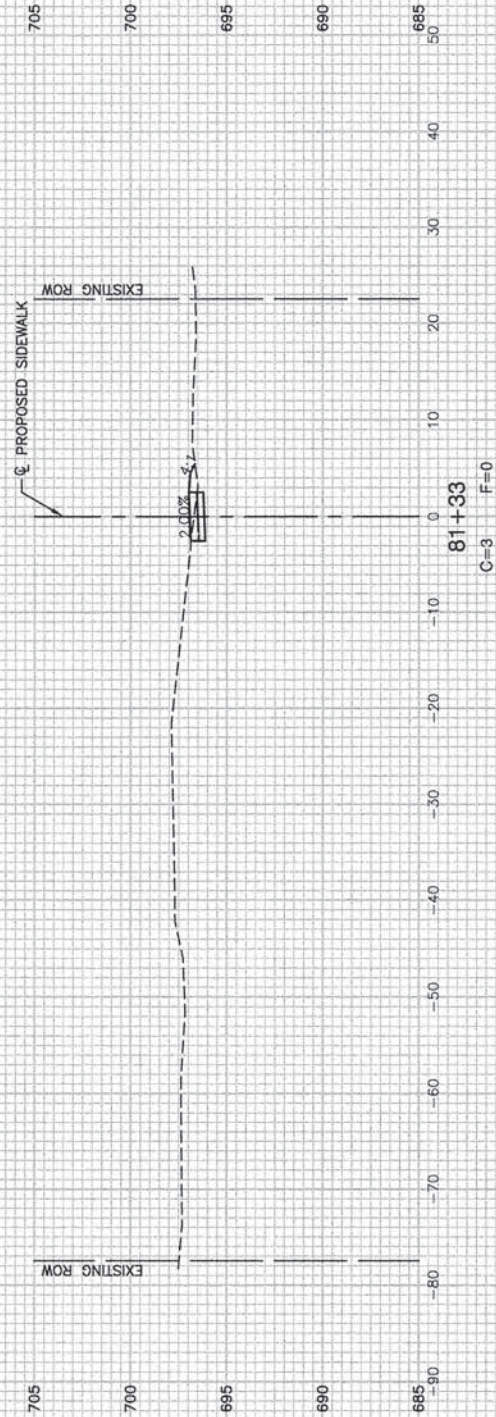
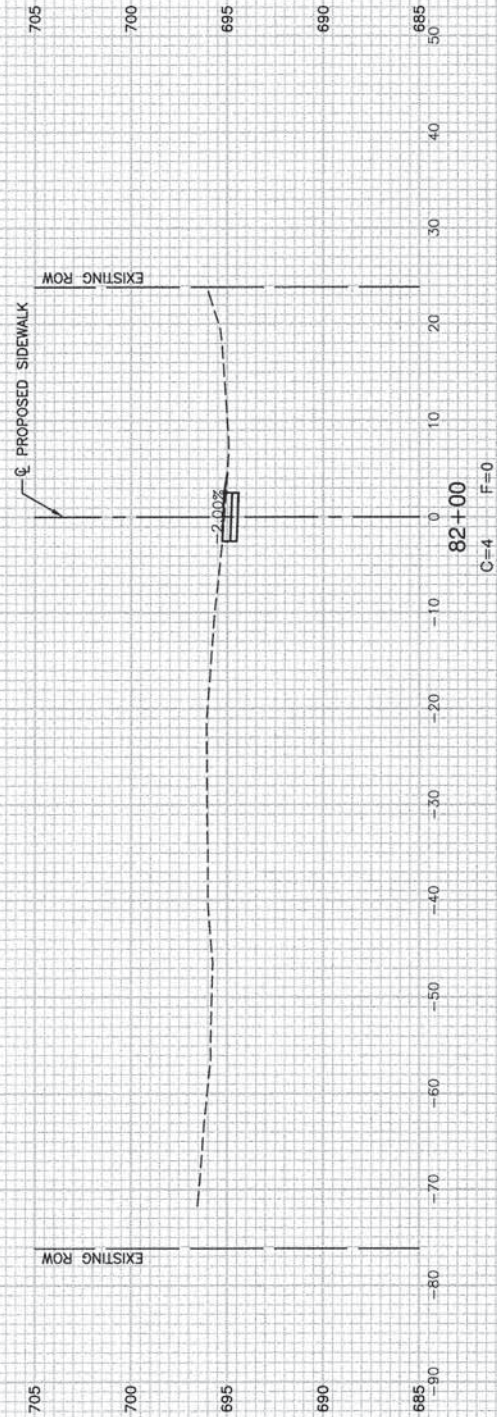
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 CHECKED -- AG

REVISED --
 REVISED --
 REVISED --
 REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
 VILLAGE OF OLYMPIA FIELDS
 CROSS SECTIONS
 SCALE: H 1"=10' V 1"=5'
 SHEET NO. 28 OF 31 SHEETS
 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	28
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT TCSP-IL09 (044)	
CONTRACT NO. 63841				



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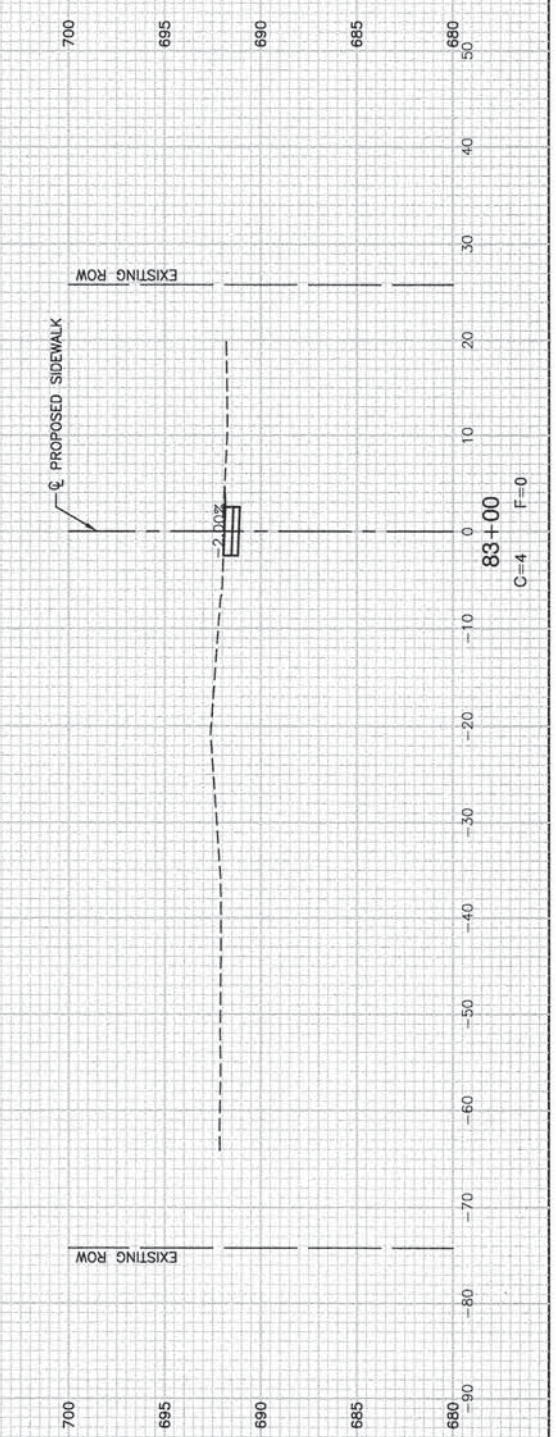
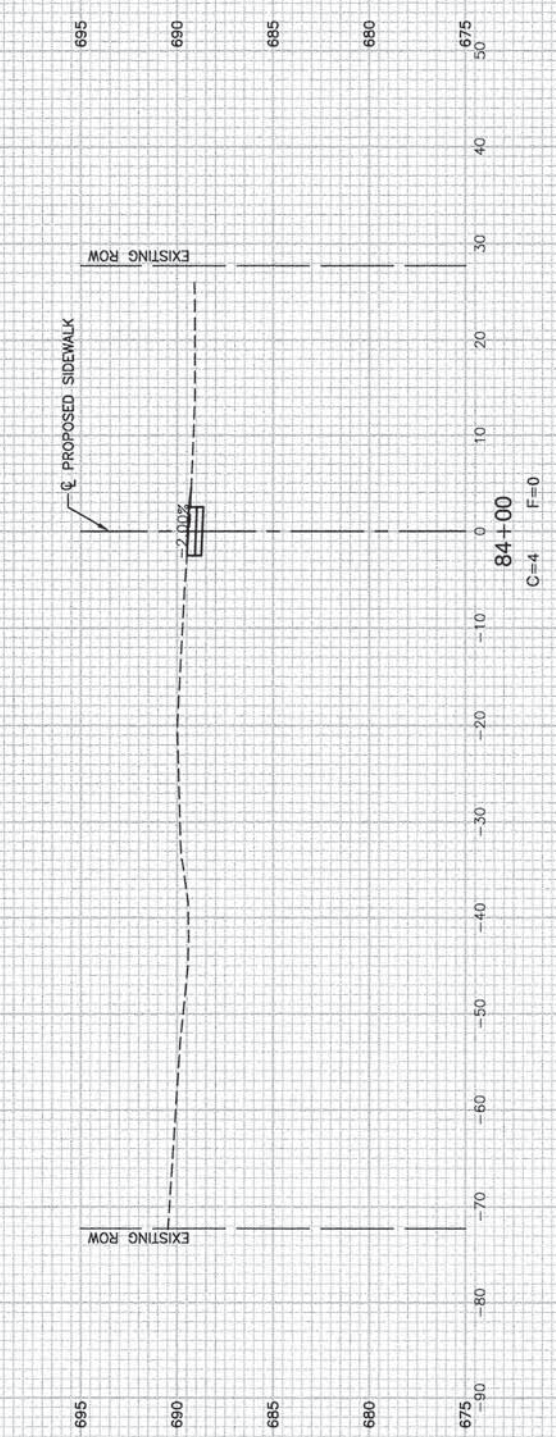
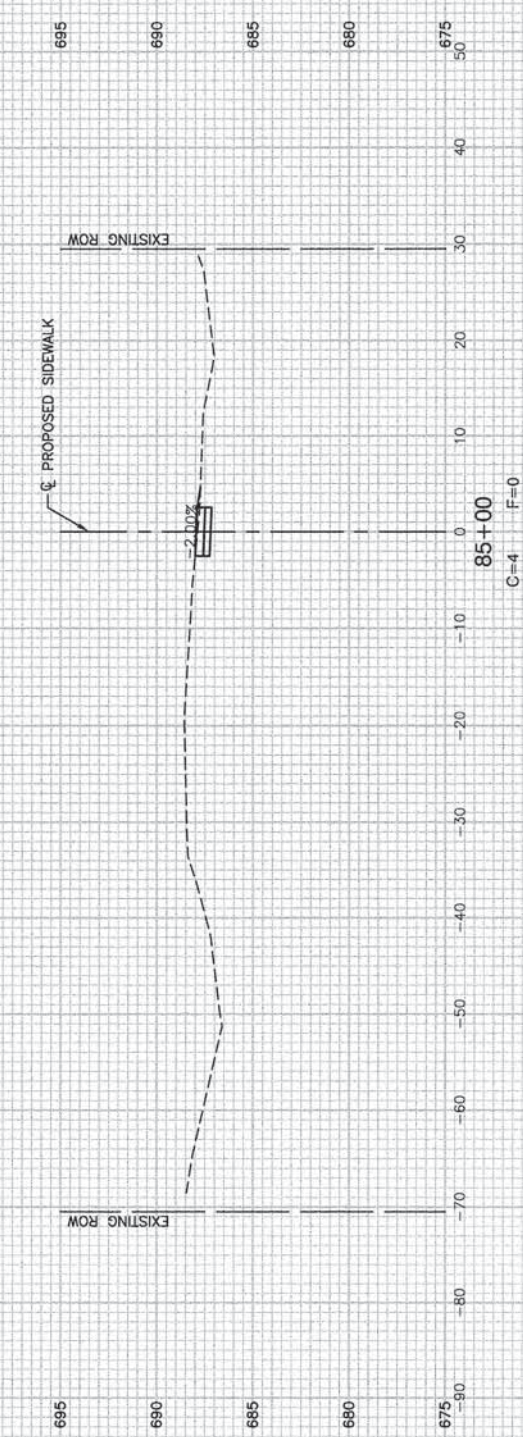
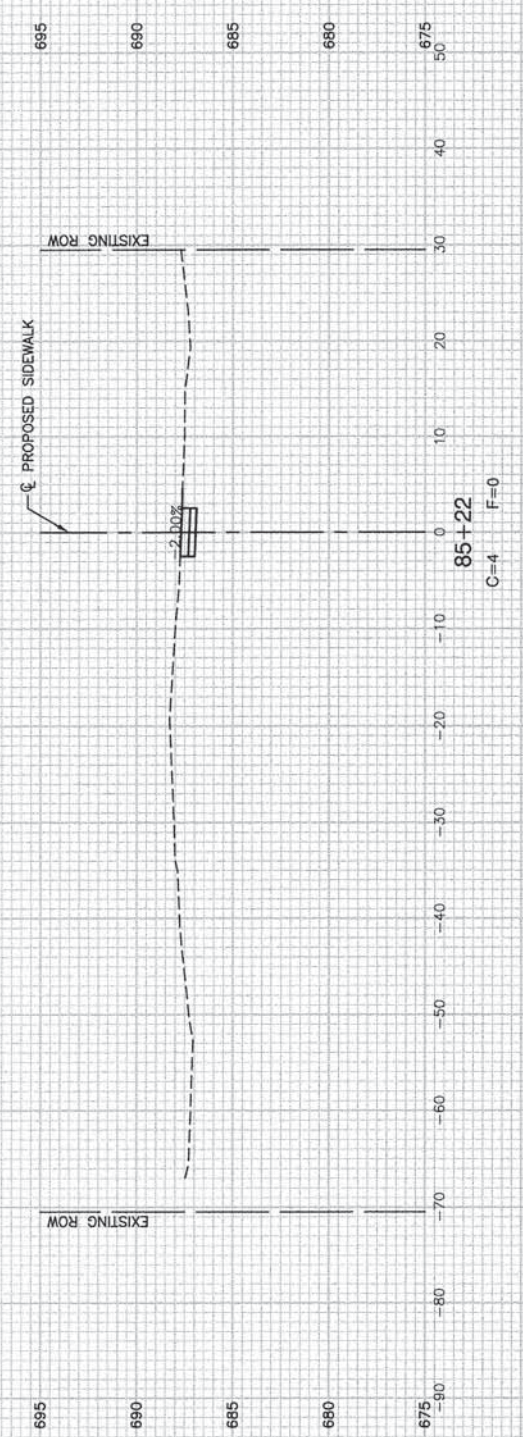
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
VILLAGE OF OLYMPIA FIELDS
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 29 OF 31 SHEETS STA. TO STA.

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	29
CONTRACT NO. 63841				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TCSP-IL09 (044)				



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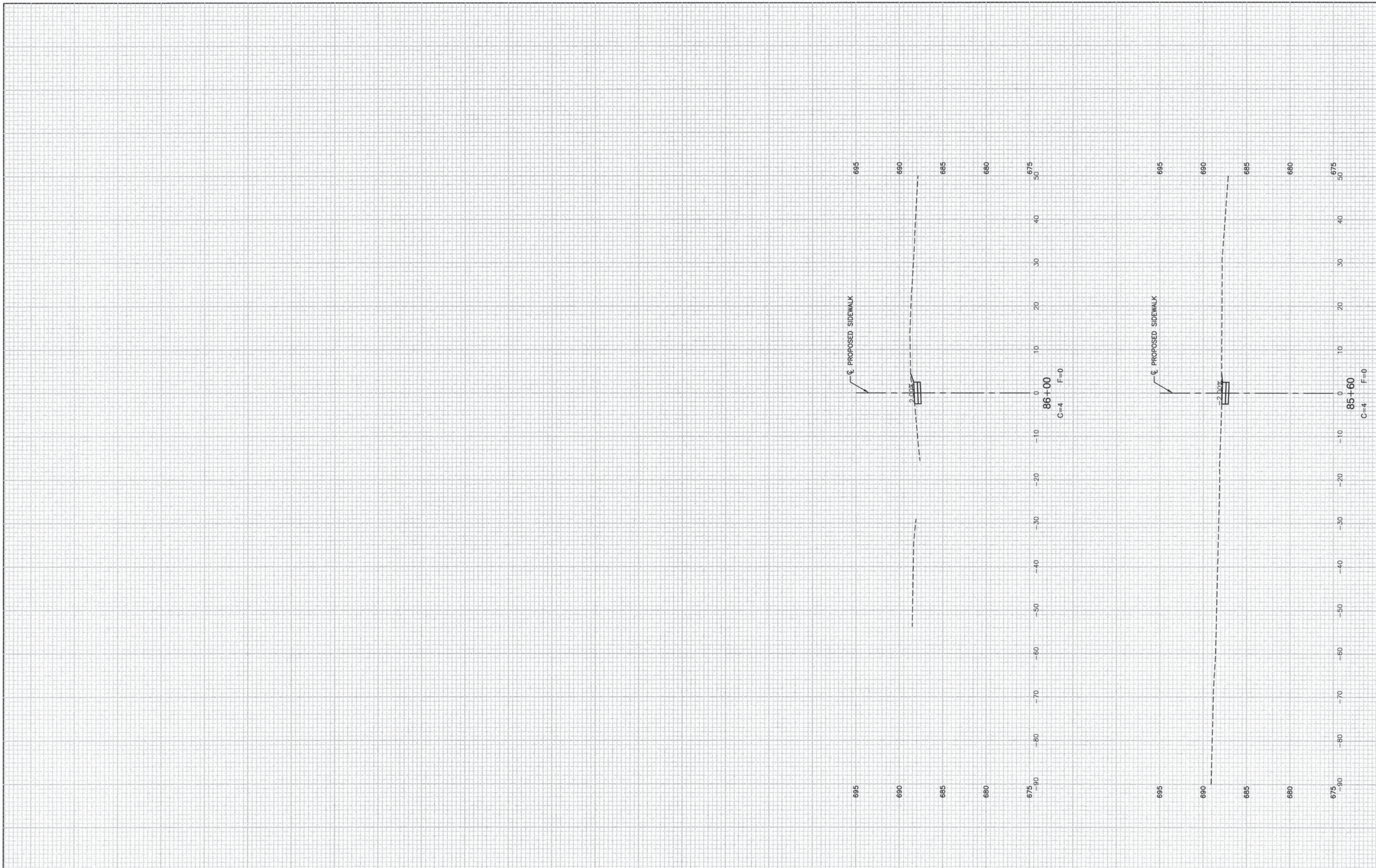
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CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN IMPROVEMENTS
 VILLAGE OF OLYMPIA FIELDS
 CROSS SECTIONS**

SCALE: H 1"=10' V 1"=5'
 SHEET NO. 30 OF 31 SHEETS
 STA. TO STA.

F.A.U. RTE. 1009	SECTION 12-00030-00-SP	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 30
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT TCSP-IL09 (044)	
CONTRACT NO. 63841				



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CHECKED -- PKB	REVISED --
DRAWN -- MD/RG	REVISED --
CHECKED -- AG	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PEDESTRIAN IMPROVEMENTS
 VILLAGE OF OLYMPIA FIELDS
 CROSS SECTIONS
 SCALE: H 1"=10' V 1"=5'
 SHEET NO. 31 OF 31 SHEETS
 STA. TO STA.

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	12-00030-00-SP	COOK	31	31
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT TCSP-IL09 (044)	