

06-14-2019 LETTING ITEM 053

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	1
		ILLINOIS	CONTRACT NO. 61F84	

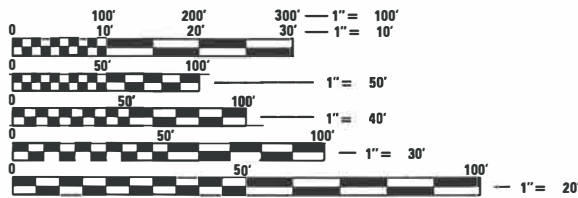
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 2573 ROSELLE ROAD: EUCLID AVE TO ALGONQUIN RD  
FAP 0364 EUCLID AVENUE: ROSELLE RD TO SHIRE CIRCLE  
BIKE PATH  
SECTION 17-00101-00-BT  
PROJECT NO. JNU1(978)  
VILLAGE OF PALATINE  
COOK COUNTY  
JOB NO. C-91-258-19

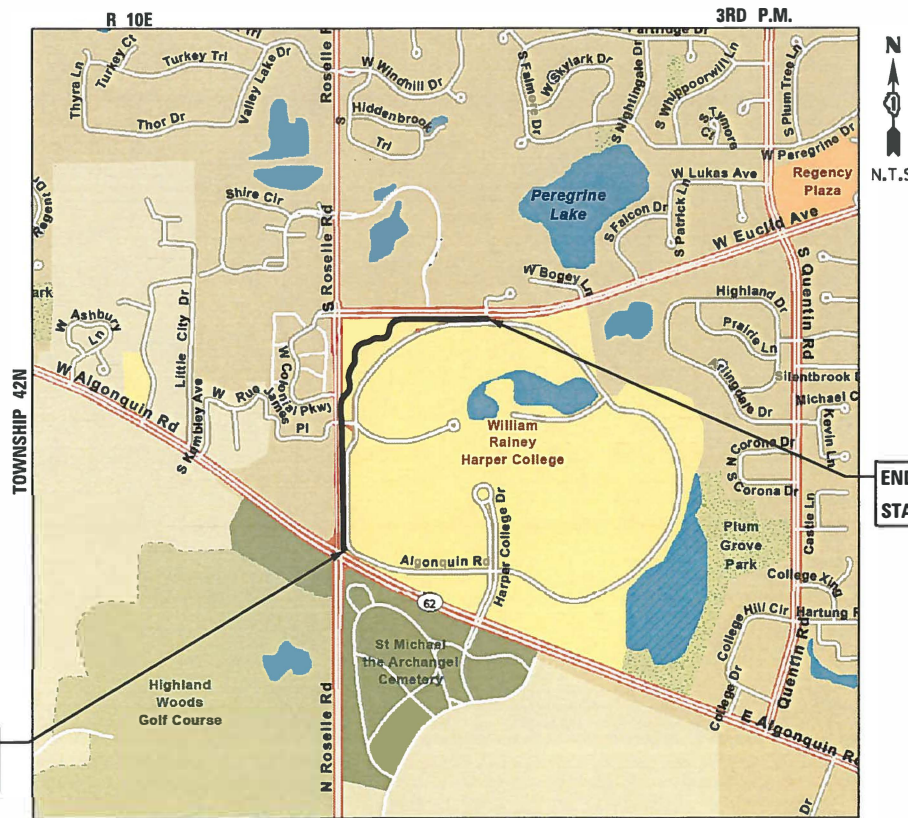


**DESIGN DESIGNATION**  
ROSELLE ROAD  
OTHER PRINCIPAL ARTERIAL  
POSTED SPEED: 45 M.P.H.  
EXISTING ADT: 21,200 (2014)  
  
EUCLID AVENUE  
OTHER PRINCIPAL ARTERIAL  
POSTED SPEED: 45 M.P.H.  
EXISTING ADT: 16,400 (2014)



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



BEGIN IMPROVEMENTS  
STA 10 + 16.86

END IMPROVEMENTS  
STA 42 + 50.39

LOCATION MAP

GROSS LENGTH = 3233 FT. = 0.61 MILE  
NET LENGTH = 3233 FT. = 0.61 MILE

9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



2/21  
Mark B. Thomas  
MARK B. THOMAS  
EXPIRATION DATE: 11/30/19

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>[Signature]</i> 2-20-19 Director of Community Services VILLAGE OF PALATINE
APPROVED	<i>[Signature]</i> 2-21-19 CANNON ARCHITECT WILLIAM RAINY HARPER COLLEGE
PASSED	3/14/19 <i>[Signature]</i> DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	MARCH 14, 2019 <i>[Signature]</i> REGIONAL ENGINEER

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FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

CONTRACT NO. 61F84

**SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS**

- ALL REFERENCES TO STANDARD SPECIFICATIONS IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, APRIL 1, 2016 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2019.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD; THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", SSTCI), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 6TH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS, AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS, THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), AND THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES.
- IN THE GENERAL NOTES, ALL REFERENCES TO ENGINEER SHALL BE INTERPRETED AS THE RESIDENT ENGINEER, AND ALL REFERENCES TO VILLAGE AND TO OWNER SHALL BE INTERPRETED AS THE VILLAGE OF PALATINE.

**STAKING**

- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- PAVEMENT GRADES: THE ELEVATIONS NOTED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.

**UTILITIES**

- PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE.
- ALL FRAMES WITH SELF SEALING CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLES, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS:
  - ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORDS "STORM SEWER".
  - ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORDS "SANITARY SEWER".
  - ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER".
  - ALL OPEN LIDS AND GRATES SHALL SAY "DRAINS TO RIVER, DUMP NO WASTE!" THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE FRAME AND GRATE OR FRAME AND CLOSED LID PROVIDED.
- ALL AUXILIARY VALVES, FRAMES, GRATES, LIDS AND WATER SERVICE BOXES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONSTRUCTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE OWNER.

**STORM & SANITARY SEWER**

- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES.

**EROSION AND SEDIMENT CONTROL**

- PRIOR TO BEGINNING ANY REMOVAL ITEMS, CONTRACTOR SHALL INSTALL INLET PROTECTION IN ALL EXISTING OPEN LIDDED DRAINAGE STRUCTURES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL NOT DISTURB LANDSCAPED AREAS OUTSIDE OF THE IMPROVEMENT LIMITS.
- UPON COMPLETION OF PROJECT, AT DIRECTION OF ENGINEER, CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS.

**PAVING, CURB & GUTTER, AND SIDEWALK**

- BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- SURFACE COURSE SHALL BE PLACED ONCE ALL PROPOSED BINDER HAS BEEN PLACED BETWEEN THE CURBS.
- ALL CURBS CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #5 REBARS FOR A LENGTH OF 20 FEET CENTERED OVER THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE #5 REBARS.
- ALL PEDESTRIAN ROUTES CONSTRUCTED AS PART OF THIS PROJECT SHALL BE ADA COMPLIANT.
- SIDEWALK RAMP FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS AT LOCATIONS SHOWN IN THE PLANS PER HIGHWAY STANDARDS.
- MINIMUM CURB HEIGHT OF 3" OUTSIDE OF RAMP/FLARE/DRIVEWAY AREAS.

**CONSTRUCTION STAGING, SCHEDULE, AND MAINTENANCE OF TRAFFIC**

- THE CONTRACTOR SHALL MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS TO ADJACENT PROPERTIES AND THROUGH THE PROJECT AS DESCRIBED IN THE SPECIAL PROVISIONS AND DETAILED IN THE PLANS.
- MATERIALS AND EQUIPMENT SHALL NOT BE STORED WITHIN 15 FEET OF THE EDGE OF PAVEMENT UNLESS PROTECTED BY A NATURAL OR MANMADE BARRIER IN ACCORDANCE WITH ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS.

**MISCELLANEOUS**

- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- ALL WASTE MATERIAL SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
- ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED OTHERWISE ON THE PLAN.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO AREAS AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR.
- THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER AT (773) 685-8386 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE VILLAGE OF PALATINE, HARRY SPILA (847) 359-9027, AND HARPER COLLEGE, STEVE PETERSEN (847) 925-6255, SHALL BE NOTIFIED AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- AFTER CONSTRUCTION IS COMPLETE, THE PROPOSED BIKE PATH WILL BE MAINTAINED BY THE VILLAGE OF PALATINE.
- THE CONTRACTOR SHALL NOTIFY THE MWRD INSPECTION OFFICER (FARRUQUDDIN AHMED) AT LEAST 48 HOURS PRIOR TO ANY GROUND DISTURBANCE. FARRUQUDDIN MAY BE CONTACTED AT 708-588-3602 OR AHMEDF@MWRD.ORG
- IF IDOT PERMIT 1-T-17-0464 LOCATED AT THE NORTHWEST CORNER OF ROSELLE ROAD AND IL 62 IS STILL ACTIVE AT THE TIME OF CONSTRUCTION THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION SIGNING WITH THE PERMITTEE SO THAT THERE ARE NO SIGNING CONFLICTS.

**TREE REMOVAL, CLEARING AND HEDGE REMOVAL**

- ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS, AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

**COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS GENERAL NOTES**

- THE CONTRACTOR SHALL NOTIFY THE COOK COUNTY PERMIT DIVISION, MR. MICHAEL STERR AT (312) 603-1670 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- IF ANY EXISTING PAVEMENT MARKINGS AND/OR SIGNING ALONG EUCLID AVENUE OR ROSELLE ROAD IS/ARE DISTURBED DUE TO CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL REPLACE THE DISTURBED TRAFFIC CONTROL DEVICES PER CCDOTH AND IDOT-DISTRICT 1 STANDARDS FOR PAVEMENT MARKINGS AND SIGNING.
- DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG EUCLID AVENUE AND ROSELLE ROAD, THE ROADWAYS SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO THE LANES OPEN TO TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 AM TO 3:00 PM BY FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS.

- CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, FIBER CABLES AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUITS, CABLES AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES AND/OR EQUIPMENT.
- COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS IS NOT PART OF JULIE. FOR LOCATION OF TRAFFIC SIGNAL EQUIPMENT, CONTACT THE MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING DIVISION AT 312-603-1730.
- FOR THE LOCATION OF UNDERGROUND COUNTY MAINTAINED FACILITIES, SEE COUNTY SPECIAL PROVISION "TRAFFIC SIGNAL WORK GENERAL".
- COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION. THE CONTRACTOR SHALL CONTACT CCDOTH AT 312-603-1730.
- IF PEDESTRIAN PUSHBUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM SHALL BE PLUGGED.
- A PEDESTRIAN PUSHBUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSHBUTTONS. SEE THE SPECIAL PROVISION FOR PEDESTRIAN PUSHBUTTON FOR ADDITIONAL INFORMATION.
- ANY OPEN TRENCHES WITHIN COUNTY ROW SHALL BE BACKFILLED WITH FA-6 TRENCH BACKFILL.

**HIGHWAY STANDARDS**

- 00001-07 - STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 28001-07 - TEMPORARY EROSION CONTROL SYSTEMS
- 42401-11 - PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424031-02 - MEDIAN PEDESTRIAN CROSSINGS
- 602001-02 - CATCH BASIN TYPE A
- 602011-02 - CATCH BASIN TYPE C
- 602601-06 - PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 - MANHOLE STEPS
- 604001-04 - FRAME AND LIDS TYPE 1
- 604036-03 - GRATE TYPE 8
- 606001-07 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 - OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05 - OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 - OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
- 701301-04 - LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701421-08 - LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
- 701426-09 - LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVER OPER., FOR SPEEDS >= 45 MPH
- 701501-06 - URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701606-10 - URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 - URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 - SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 - TRAFFIC CONTROL DEVICES
- 720001-01 - SIGN PANEL MOUNTING DETAILS
- 720006-04 - SIGN PANEL ERECTION DETAILS
- 728001-01 - TELESCOPING STEEL SIGN SUPPORT
- 814001-03 - HANDHOLES
- 857001-01 - STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 - UNINTERRUPTABLE POWER SUPPLY
- 873001-02 - TRAFFIC SIGNAL GROUNDING & BONDING
- 878001-10 - CONCRETE FOUNDATION DETAILS
- 880006-01 - TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 - DETECTOR LOOP INSTALLATIONS
- 886006-01 - TYPICAL LAYOUTS FOR DETECTION LOOPS

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41-51	CROSS SECTIONS

FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Palatine\170844.0000\1\Civil\NOT-170844	01.DGN	DRAWN - MBT	REVISED -			2573	17-00101-00-BT	COOK	51	2
Default	PLOT SCALE = 48'	CHECKED -	REVISED -			CONTRACT NO. 61F84				
	PLOT DATE = 4/12/2019	DATE - 06/22/07	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 TRAFFIC SIGNALS AND LIGHTING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	96	96	
20101000	TEMPORARY FENCE	FOOT	560	560	
Δ 20101200	TREE ROOT PRUNING	EACH	7	7	
Δ 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	9	9	
Δ 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5	
20200100	EARTH EXCAVATION	CU YD	353	353	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	50	
20400800	FURNISHED EXCAVATION	CU YD	576	576	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	300	300	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1090	1090	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	600	600	
Δ 25000100	SEEDING, CLASS 1	ACRE	0.5	0.5	
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	82	82	
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	82	82	
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	2420	2420	
Δ 25200110	SODDING, SALT TOLERANT	SQ YD	1739	1739	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10	10	
28000400	PERIMETER EROSION BARRIER	FOOT	4092	4092	
28000510	INLET FILTERS	EACH	20	20	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	358	358	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 TRAFFIC SIGNALS AND LIGHTING
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	50	50	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	43	43	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	128	128	
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	2684	2684	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6038	6038	
40600990	TEMPORARY RAMP	SQ YD	45	45	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	350	350	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	233	233	
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	604	604	
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1146	1146	
44000100	PAVEMENT REMOVAL	SQ YD	23	23	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	80	80	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	129	129	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	10	10	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	12	12	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	6	6	
60500050	REMOVING CATCH BASINS	EACH	2	2	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	129	129	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 TRAFFIC SIGNALS AND LIGHTING
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	30	30	
Δ 72900100	METAL POST - TYPE A	FOOT	77	77	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	248	248	
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	329	329	
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	49	49	
Δ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	18		18
Δ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1
Δ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	346		346
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	469		469
Δ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	319		319
Δ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	198		198
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	54		54
Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8		8
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	2		2
Δ 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	158		158
Δ 88800100	PEDESTRIAN PUSH-BUTTON	EACH	7		7

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 TRAFFIC SIGNALS AND LIGHTING
Δ 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3		3
Δ 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2		2
Δ 89502200	MODIFY EXISTING CONTROLLER	EACH	1		1
Δ 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1		1
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	522		522
Δ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
Δ 89502376	REBUILD EXISTING HANDHOLE	EACH	2		2
Δ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2		2
Δ A2004621	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS IMPERIAL (IMPERIAL THORNLESS HONEYLOCUST), 3" CALIPER, BALLED AND	EACH	5	5	
Δ A2007122	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
Δ X0325839	SIGNAL TIMING	L SUM	1		1
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	93	93	
X1700019	SEGMENTED BLOCK WALL TO BE REMOVED AND REPLACED	SQ FT	56	56	
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	170	170	
Δ X7240505	RELOCATE SIGN PANEL AND POST	EACH	5	5	
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	50	50	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	

Δ INDICATES SPECIALTY ITEM

**LEGEND**

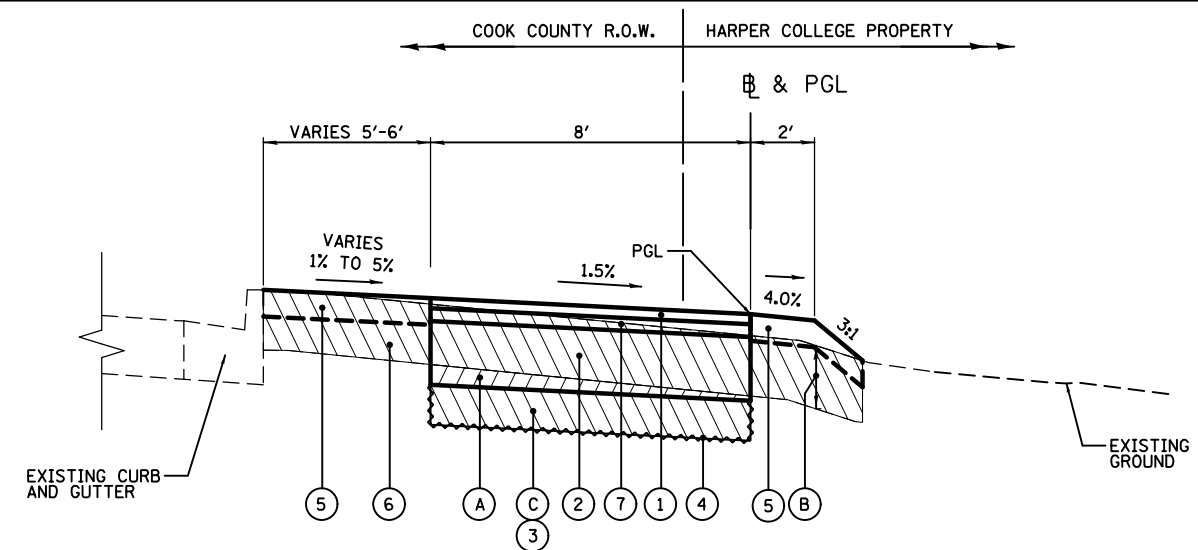
- (A) EARTH EXCAVATION (20200100)
- (B) TOPSOIL STRIPPING (6" NOMINAL) (21101505)
- (C) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (FOR UNDERCUTS) (20201200) \*
- ▨ REMOVAL ITEMS
- (1) 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (40603335)
- (2) AGGREGATE BASE COURSE, TYPE B, 10" (35102200)
- (3) AGGREGATE SUBGRADE IMPROVEMENT (30300001) \*
- (4) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000) \*
- (5) TOPSOIL PLACEMENT (9")
- (6) EMBANKMENT (INCLUDED IN COST OF EARTH EXCAVATION - 20200100 OR PAID FOR AS FURNISHED EXCAVATION - 20400800)
- (7) 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (40603080)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @NDES
<b>SHARED USE PATH</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1 1/2" (1 LIFT)	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"	4% @ 50 GYR.

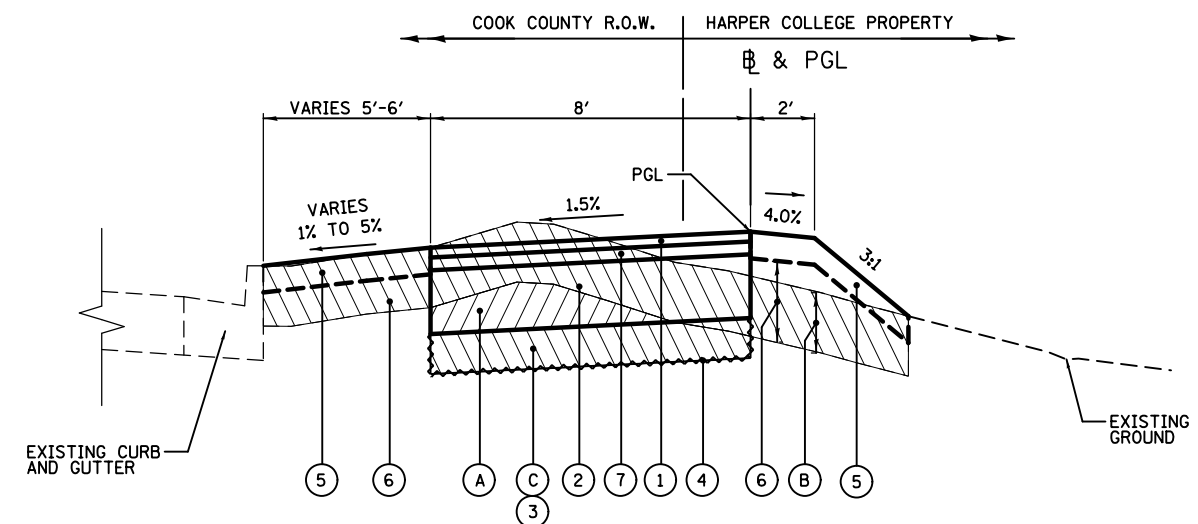
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.

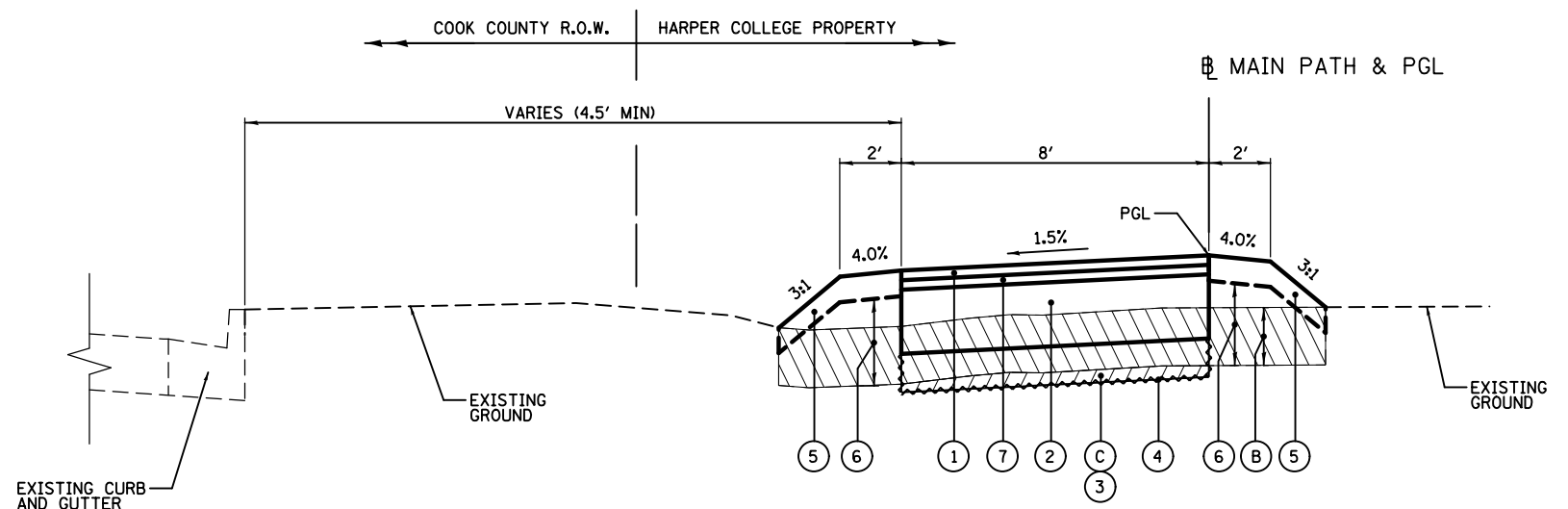
\* AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE SOILS ARE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NOT ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



**EXISTING AND PROPOSED TYPICAL SECTION  
STA. 10+17 TO STA. 24+25, ROSELLE ROAD**



**EXISTING AND PROPOSED TYPICAL SECTION  
STA. 34+00 TO STA. 42+50, EUCLID AVENUE**



**EXISTING AND PROPOSED TYPICAL SECTION  
STA. 24+25 TO STA. 34+00, ROSELLE ROAD / EUCLID AVENUE**

FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -
N:\Palatine\170044.00001\Civil\TYP_170044	01.DGN	DRAWN - MBT	REVISED -
Default	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	5
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

SUMMARY				
20200100	20400800	21101505	20201200	30300001
EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL EXCAVATION AND PLACEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRAGE IMPROVEMENT
(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
353	576	1,090	50	50

**NOTES:**

- EXCESS TOPSOIL AND/OR UNSUITABLE MATERIAL SHALL BE PERMANENTLY STOCKPILED AT LOCATIONS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLANS.
- A QUANTITY OF 600 SY OF TOPSOIL FURNISH AND PLACE, 4" HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE THE EXISTING TOPSOIL IS UNSUITABLE FOR REUSE. THE ACTUAL NEED FOR THIS ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE TOPSOIL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

EARTHWORK SCHEDULE									
STATION			20200100		EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	21101505		
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)			TOPSOIL EXCAVATION (6" NOMINAL)	TOPSOIL PLACEMENT (9" TYP)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
10+17	TO	10+50	9.0	7.6	0.1	7.6	2.1	0.0	2.1
10+50	TO	11+00	15.0	12.8	1.9	10.8	11.9	7.5	4.4
11+00	TO	11+50	1.9	1.6	5.9	-4.4	18.0	15.8	2.1
11+50	TO	12+00	0.8	0.7	9.1	-8.4	18.7	16.9	1.9
12+00	TO	12+50	1.2	1.0	8.5	-7.5	18.5	16.6	1.9
12+50	TO	13+00	1.9	1.7	6.2	-4.6	17.8	15.6	2.2
13+00	TO	13+50	2.5	2.1	4.4	-2.2	16.9	14.2	2.7
13+50	TO	14+00	1.9	1.6	6.4	-4.8	17.4	15.0	2.4
14+00	TO	14+50	1.0	0.9	13.7	-12.8	20.3	19.4	0.9
14+50	TO	15+00	0.9	0.8	23.5	-22.7	23.0	23.4	-0.5
15+00	TO	15+50	0.6	0.5	35.6	-35.1	24.7	26.0	-1.3
15+50	TO	16+00	0.3	0.2	46.7	-46.4	26.2	28.1	-1.9
16+00	TO	16+50	0.2	0.2	53.6	-53.5	27.0	29.4	-2.3
16+50	TO	17+00	0.4	0.3	55.6	-55.2	26.8	28.9	-2.1
17+00	TO	17+50	0.4	0.3	51.1	-50.8	25.6	27.3	-1.7
17+50	TO	18+00	0.3	0.2	36.3	-36.1	23.6	24.4	-0.7
18+00	TO	18+50	1.0	0.9	15.6	-14.7	20.5	19.5	0.9
18+50	TO	19+00	1.4	1.2	6.4	-5.2	18.5	16.6	1.9
19+00	TO	19+50	0.9	0.8	12.5	-11.7	19.4	18.1	1.4
19+50	TO	20+00	1.0	0.9	23.5	-22.7	21.3	20.8	0.5
20+00	TO	20+50	1.1	0.9	38.4	-37.5	23.6	24.3	-0.6
20+50	TO	21+00	1.5	1.3	29.1	-27.8	21.8	21.5	0.3
21+00	TO	21+09	0.2	0.2	1.0	-0.8	1.7	3.7	-2.1
DICK KOLZE LANE									
22+12	TO	22+50	1.7	1.4	12.1	-10.7	9.2	9.6	-0.4
22+50	TO	23+00	4.3	3.6	21.2	-17.6	22.9	23.1	-0.3
23+00	TO	23+50	4.6	3.9	6.2	-2.3	19.0	17.4	1.6
23+50	TO	24+00	2.8	2.4	4.7	-2.4	15.9	12.9	3.1
24+00	TO	24+50	5.1	4.3	4.4	-0.1	14.8	11.1	3.7
24+50	TO	25+00	10.0	8.5	1.0	7.5	13.9	9.6	4.3
25+00	TO	25+50	5.3	4.5	16.2	-11.7	17.5	15.1	2.4
25+50	TO	26+00	0.4	0.3	22.3	-22.0	19.0	17.4	1.6
26+00	TO	26+50	1.5	1.3	7.3	-6.1	14.9	11.3	3.6
26+50	TO	27+00	4.8	4.1	1.2	2.9	13.1	8.5	4.5
27+00	TO	27+50	3.7	3.1	8.4	-5.3	14.8	11.1	3.7
27+50	TO	28+00	0.4	0.3	14.5	-14.2	16.7	13.9	2.8
28+00	TO	28+50	2.0	1.7	7.5	-5.8	14.9	11.3	3.6
28+50	TO	29+00	10.5	8.9	1.0	7.9	13.6	8.3	5.3
29+00	TO	29+50	23.0	19.5	0.0	19.5	13.9	8.8	5.1
29+50	TO	30+00	16.0	13.6	0.6	13.1	13.5	9.2	4.4
30+00	TO	30+50	1.9	1.6	10.9	-9.4	15.4	11.9	3.4
30+50	TO	31+00	0.4	0.3	36.6	-36.3	19.8	18.6	1.2
31+00	TO	31+50	0.4	0.3	70.6	-70.3	24.6	25.7	-1.1
31+50	TO	32+00	0.4	0.3	61.8	-61.4	24.0	24.8	-0.8
32+00	TO	32+50	0.4	0.3	29.0	-28.7	19.4	18.0	1.5
32+50	TO	33+00	1.8	1.5	12.4	-10.9	15.6	12.3	3.3
33+00	TO	33+50	4.2	3.5	1.0	2.5	12.9	8.2	4.6
33+50	TO	34+00	4.7	4.0	1.0	3.0	15.3	11.8	3.5
34+00	TO	34+50	2.8	2.4	14.4	-12.1	19.7	18.4	1.3
34+50	TO	35+00	1.4	1.2	19.0	-17.8	20.2	19.2	1.0
35+00	TO	35+50	6.8	5.7	5.3	0.5	18.3	14.9	3.4
35+50	TO	36+00	16.7	14.2	0.0	14.2	17.4	13.4	4.0
36+00	TO	36+50	21.8	18.5	0.0	18.5	17.0	14.4	2.7
36+50	TO	37+00	19.6	16.7	0.0	16.7	16.9	14.2	2.7
37+00	TO	37+50	21.9	18.7	0.0	18.7	17.2	14.7	2.5
37+50	TO	38+00	23.7	20.1	0.0	20.1	17.7	15.4	2.3
38+00	TO	38+50	20.4	17.3	0.0	17.3	17.4	15.0	2.4
38+50	TO	39+00	21.7	18.4	0.0	18.4	17.2	14.8	2.4
39+00	TO	39+50	16.5	14.0	0.0	14.0	16.4	13.5	2.9
39+50	TO	40+00	9.4	7.9	0.0	7.9	15.6	12.2	3.3
40+00	TO	40+50	7.3	6.2	0.2	6.0	15.9	12.8	3.1
40+50	TO	41+00	5.7	4.9	0.5	4.4	16.3	13.2	3.1
41+00	TO	41+46	2.6	2.2	0.3	2.0	7.5	6.0	1.4
<b>TOTALS</b>			<b>353.4</b>	<b>300.4</b>	<b>876.6</b>	<b>-576.2</b>	<b>1090.4</b>	<b>975.0</b>	<b>115.4</b>

FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -
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Default	PLOT SCALE = 48'	CHECKED -	REVISED -
	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
EARTHWORK SCHEDULE**

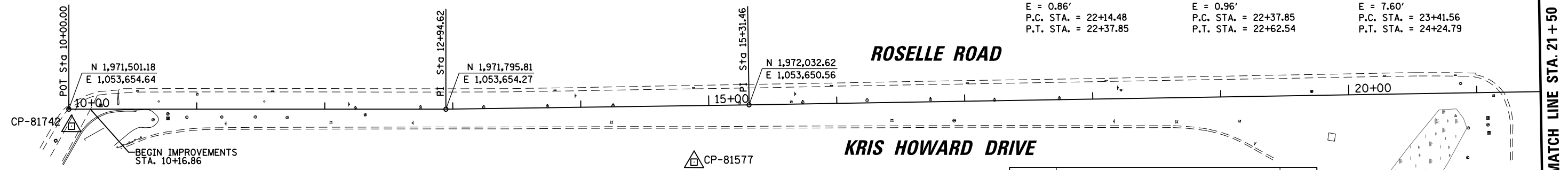
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	6
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

PROP. CURVE BASELINE1  
 PI STA. = 22+26.25  
 $\Delta = 16^\circ 44' 16''$  (LT)  
 D = 71' 37' 11"  
 R = 80.00'  
 T = 11.77'  
 L = 23.37'  
 E = 0.86'  
 P.C. STA. = 22+14.48  
 P.T. STA. = 22+37.85

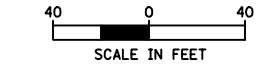
PROP. CURVE BASELINE2  
 PI STA. = 22+50.30  
 $\Delta = 17^\circ 41' 03''$  (RT)  
 D = 71' 37' 11"  
 R = 80.00'  
 T = 12.44'  
 L = 24.69'  
 E = 0.96'  
 P.C. STA. = 22+37.85  
 P.T. STA. = 22+62.54

PROP. CURVE BASELINE3  
 PI STA. = 23+84.93  
 $\Delta = 39^\circ 44' 14''$  (RT)  
 D = 47' 44' 47"  
 R = 120.00'  
 T = 43.37'  
 L = 83.23'  
 E = 7.60'  
 P.C. STA. = 23+41.56  
 P.T. STA. = 24+24.79



ELEVATION BENCHMARKS DATUM: NAVD'88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM 3	SQUARE CUT SET ON EASTERLY EDGE OF CONC. BASE OF TRAFFIC SIGNAL MAST ARM @ THE SOUTHWEST CORNER OF COLONIAL PKWY. AND ROSELLE RD.	774.70
OSBM 4	SQUARE CUT SET ON SOUTHERLY SIDE OF CONC. BASE OF LIGHT POLE LOCATED ON NORTH SIDE EUCLID AVE, APPROX. DIVIDING MEDIAN OF EUCLID AVE. ENTRY TO *1415 SOUTH ROSELLE RD.	771.71

HORIZONTAL CONTROL POINTS					
POINT NO.	NORTHING (Y)	EASTING (X)	DESCRIPTION	STATION	OFFSET
81815	1,971,433.59	1,053,793.21	CP-XCUT	9+32.23	138.48' RT
81742	1,971,503.26	1,053,667.85	CP-XCUT	10+02.06	13.21' RT
81577	1,971,989.74	1,053,695.27	CP-REBAR	14+87.90	44.03' RT
81134	1,972,667.46	1,053,624.63	CP-REBAR	21+66.67	14.47' LT
80946	1,972,906.10	1,053,749.77	CP-XCUT	24+71.57	78.60' RT

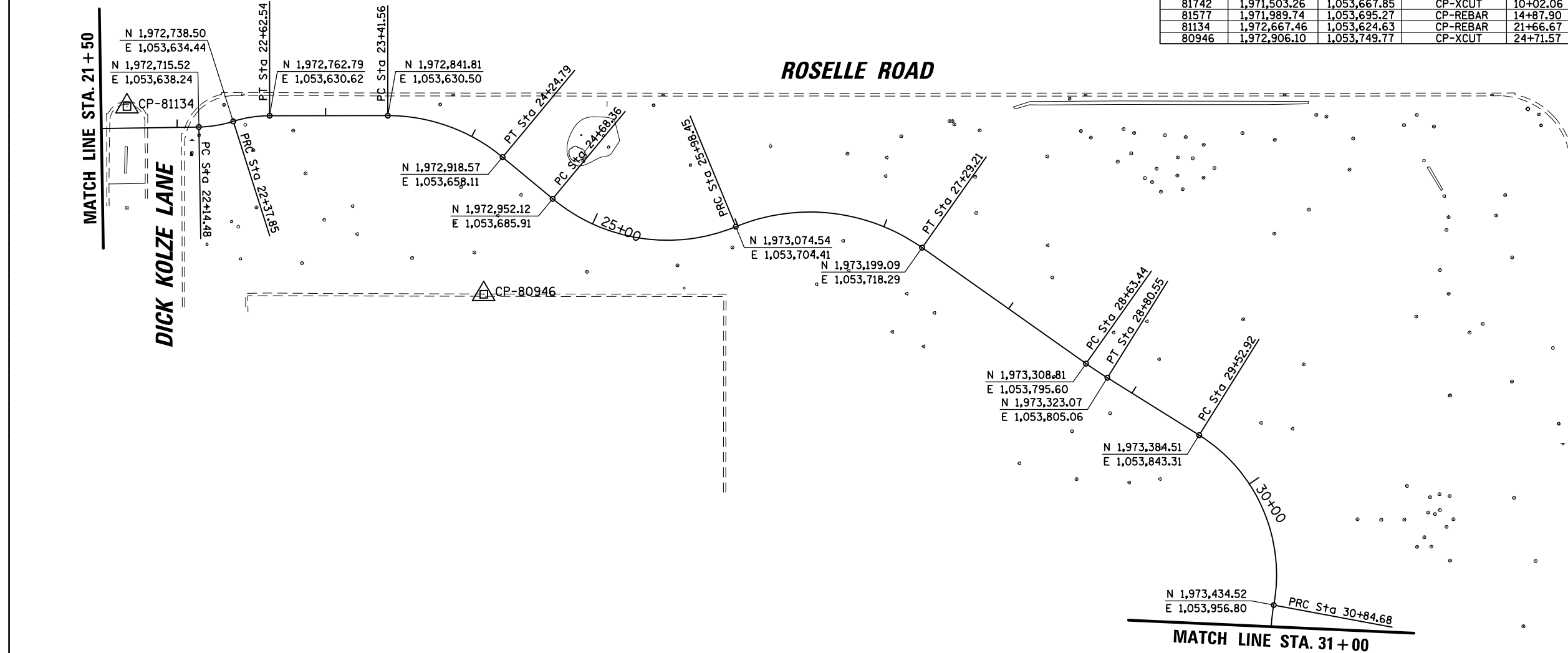


PROP. CURVE BASELINE4  
 PI STA. = 25+40.62  
 $\Delta = 62^\circ 06' 40''$  (LT)  
 D = 47' 44' 47"  
 R = 120.00'  
 T = 72.26'  
 L = 130.09'  
 E = 20.08'  
 P.C. STA. = 24+68.36  
 P.T. STA. = 25+98.45

PROP. CURVE BASELINE5  
 PI STA. = 26+69.96  
 $\Delta = 57^\circ 38' 01''$  (RT)  
 D = 44' 04' 25"  
 R = 130.00'  
 T = 71.52'  
 L = 130.77'  
 E = 18.37'  
 P.C. STA. = 25+98.45  
 P.T. STA. = 27+29.21

PROP. CURVE BASELINE6  
 PI STA. = 28+72.00  
 $\Delta = 3^\circ 16' 04''$  (LT)  
 D = 19' 05' 55"  
 R = 300.00'  
 T = 8.56'  
 L = 17.11'  
 E = 0.12'  
 P.C. STA. = 28+63.44  
 P.T. STA. = 28+80.55

PROP. CURVE BASELINE7  
 PI STA. = 30+28.00  
 $\Delta = 68^\circ 37' 48''$  (RT)  
 D = 52' 05' 13"  
 R = 110.00'  
 T = 75.08'  
 L = 131.76'  
 E = 23.18'  
 P.C. STA. = 29+52.92  
 P.T. STA. = 30+84.68



FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -
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Default	PLOT SCALE = 80'	CHECKED -	REVISED -
	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

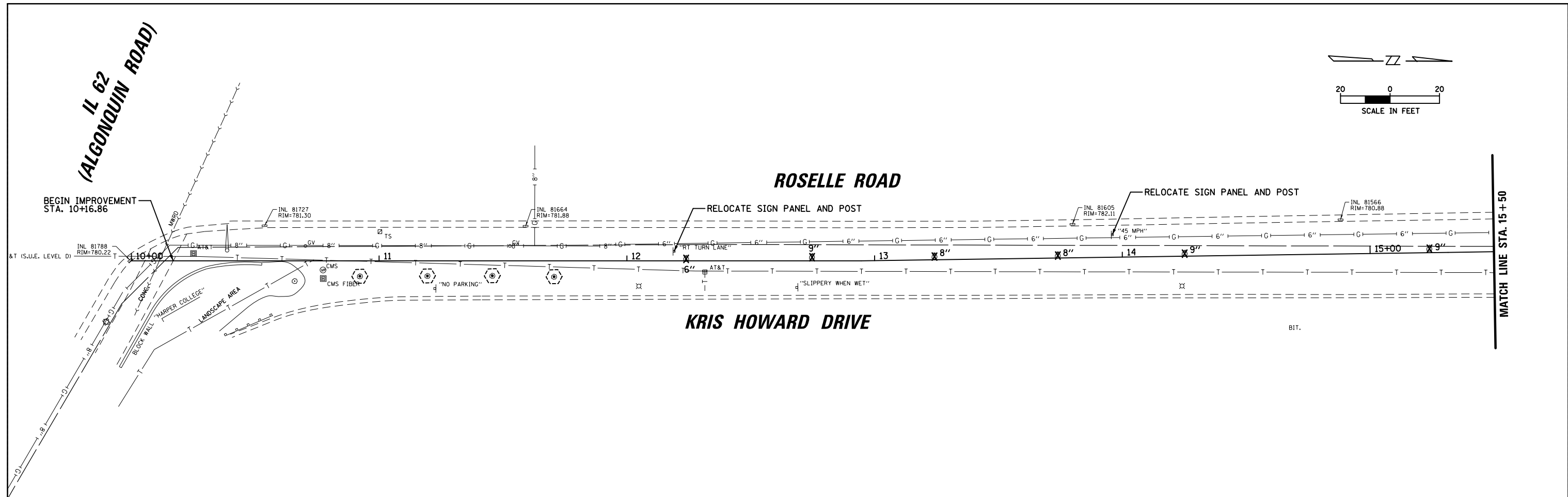
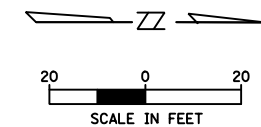
ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	7
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

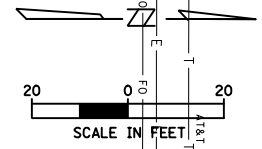
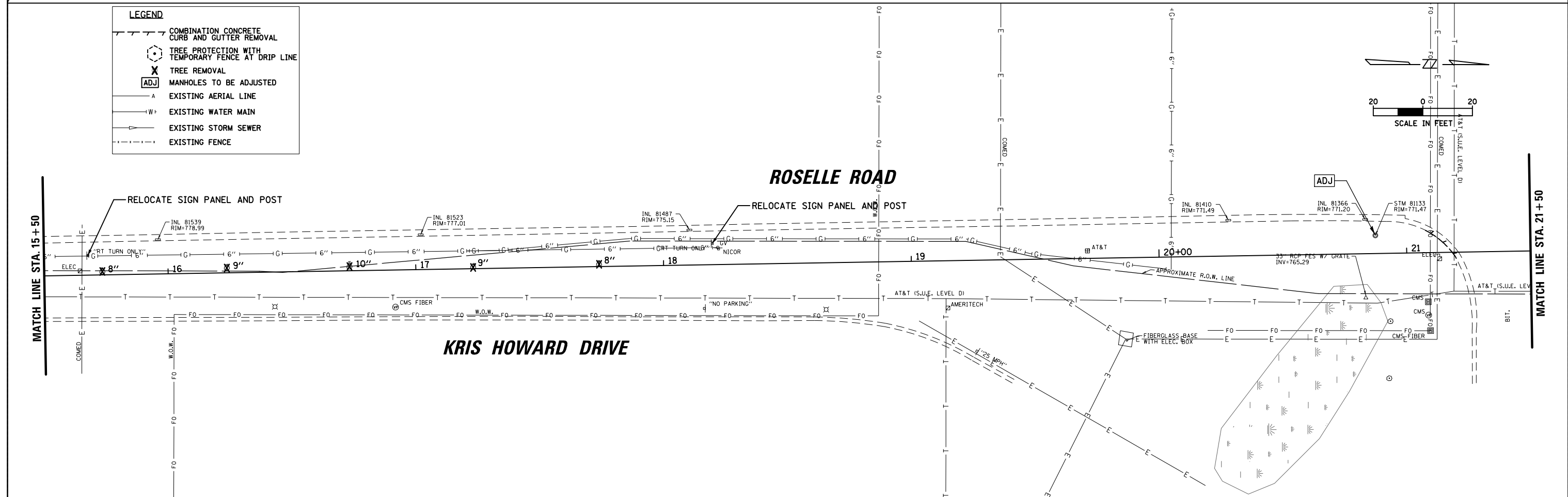






**LEGEND**

- COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- TREE PROTECTION WITH TEMPORARY FENCE AT DRIP LINE
- TREE REMOVAL
- MANHOLES TO BE ADJUSTED
- EXISTING AERIAL LINE
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING FENCE



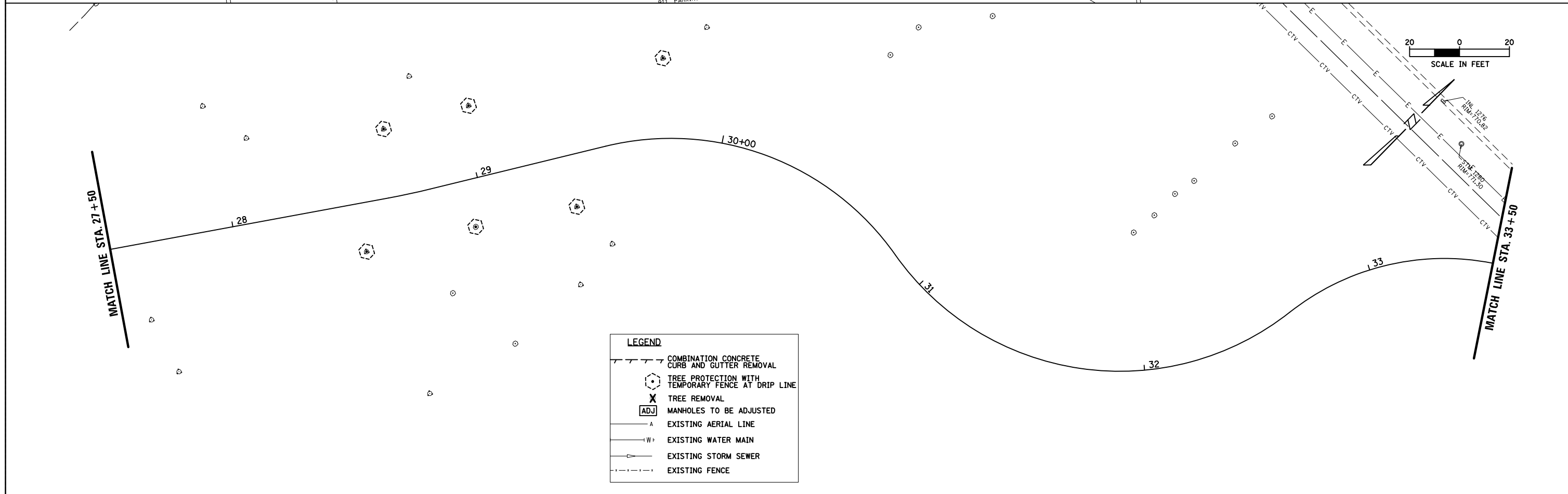
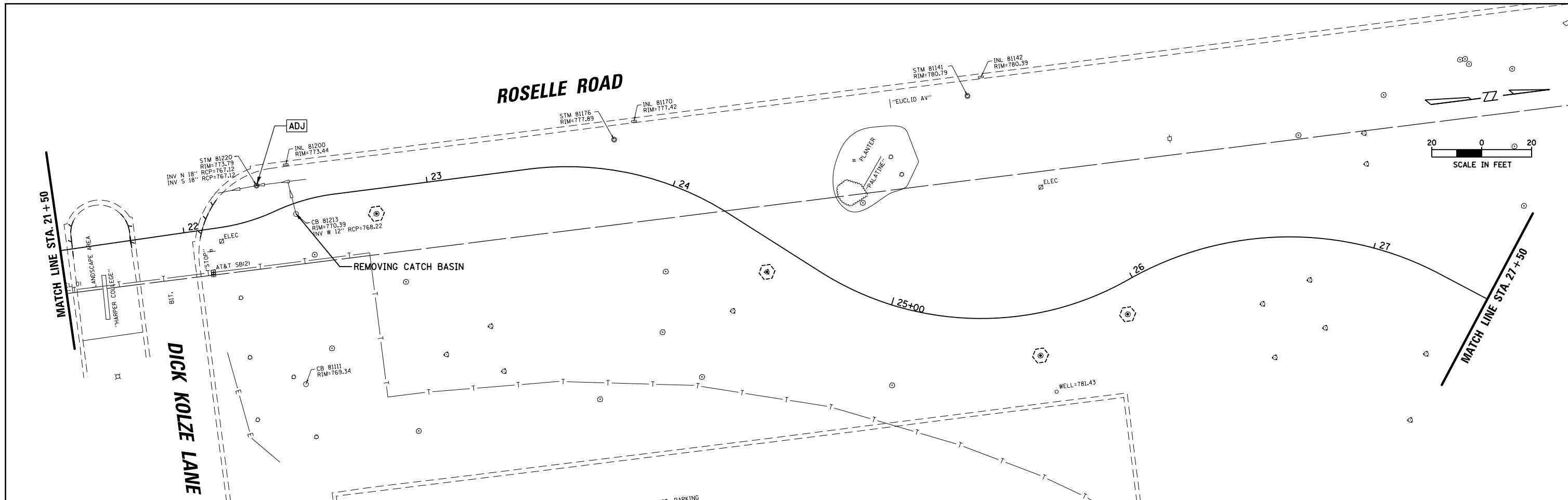
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Default	PLOT SCALE = 48"	CHECKED -	REVISED -
	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
EXISTING CONDITIONS AND REMOVALS**

F.A.U. RTE. 2573	SECTION 17-00101-00-BT	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 9
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



**LEGEND**

- COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- TREE PROTECTION WITH TEMPORARY FENCE AT DRIP LINE
- TREE REMOVAL
- MANHOLES TO BE ADJUSTED
- EXISTING AERIAL LINE
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING FENCE

FILE NAME = N:\Palatine\170044.00001\Civil\REM_170044	USER NAME = mthomas	DESIGNED - MBT	REVISED -
		DRAWN - MBT	REVISED -
	PLOT SCALE = 48"	CHECKED -	REVISED -
Default	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
EXISTING CONDITIONS AND REMOVALS**

SCALE: SHEET OF SHEETS STA. TO STA.






F.A.U. RTE. 2573	SECTION 17-00101-00-BT	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 10
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

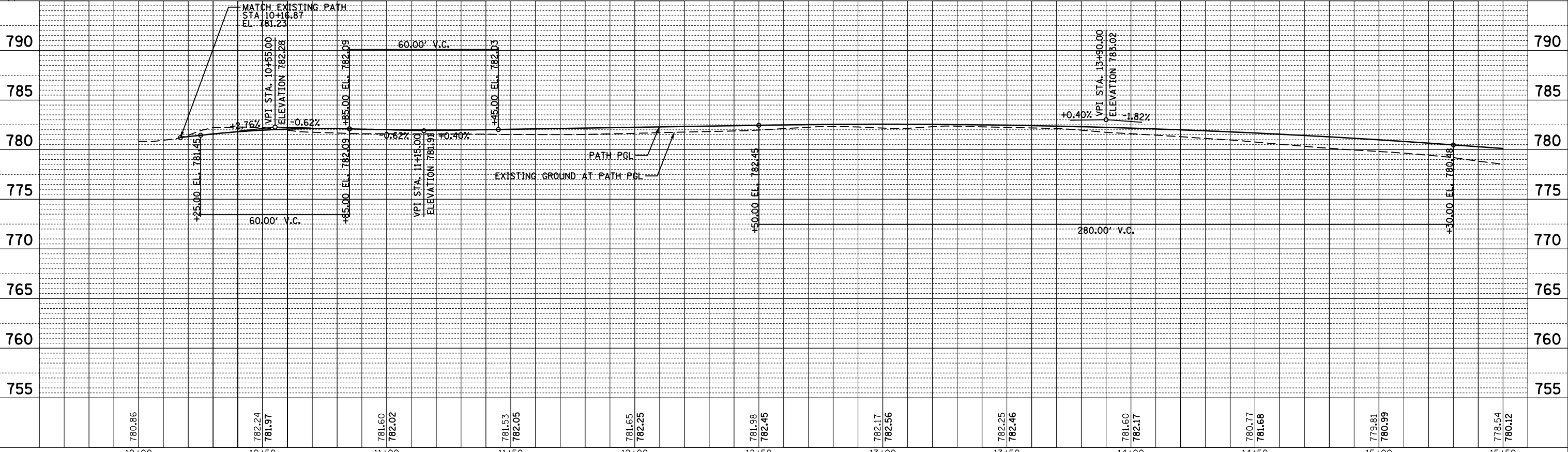
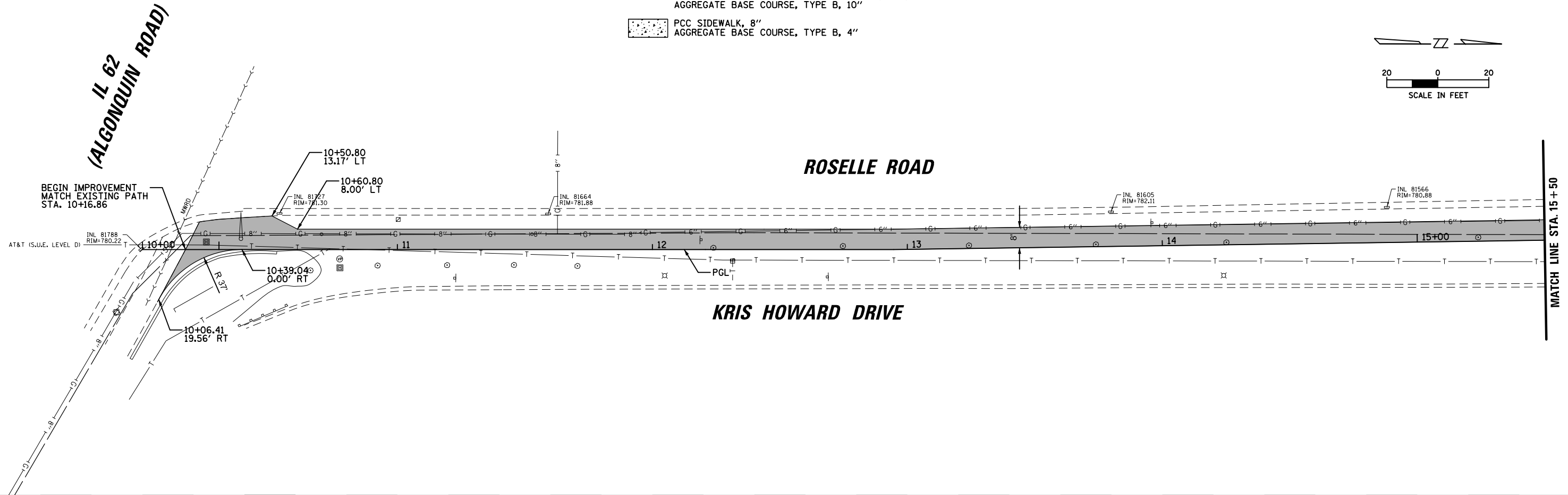
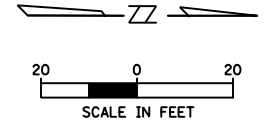


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

**PAVING LEGEND:**

-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5"
-  HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
-  AGGREGATE BASE COURSE, TYPE B, 10"
-  PCC SIDEWALK, 8"
-  AGGREGATE BASE COURSE, TYPE B, 4"



FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH PROPOSED PLAN AND PROFILE</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Palatine\170044.0000\Civil\RPP.170044.0.DGN		DRAWN - MBT	REVISED -					2573	17-00101-00-BT	COOK	51	12
Default	PLOT SCALE = 48"	CHECKED - JGS	REVISED -					CONTRACT NO. 61F84				
	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -					ILLINOIS FED. AID PROJECT				

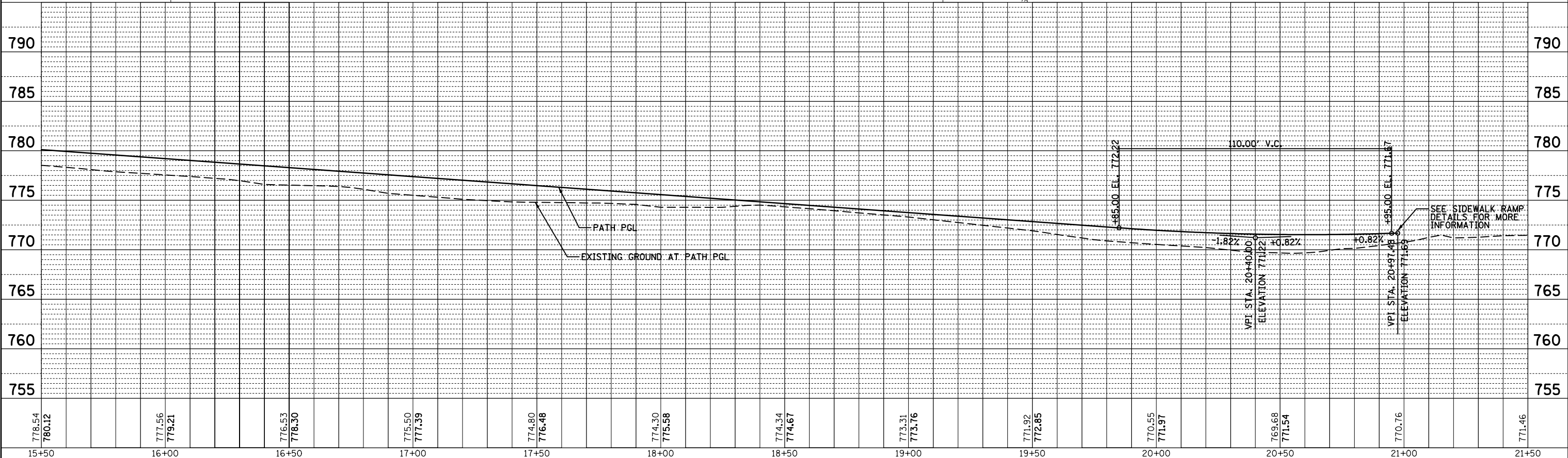
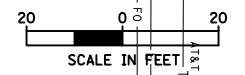
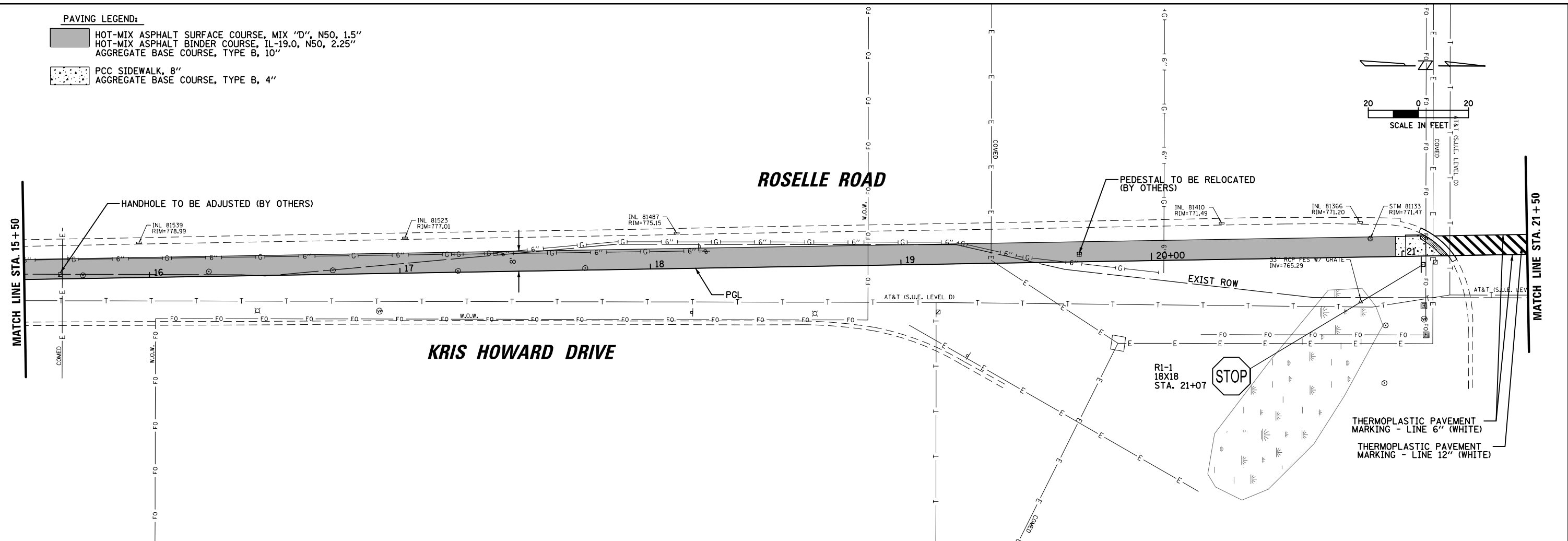
**PAVING LEGEND:**

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5"  
 HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50, 2.25"  
 AGGREGATE BASE COURSE, TYPE B, 10"

PCC SIDEWALK, 8"  
 AGGREGATE BASE COURSE, TYPE B, 4"

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		

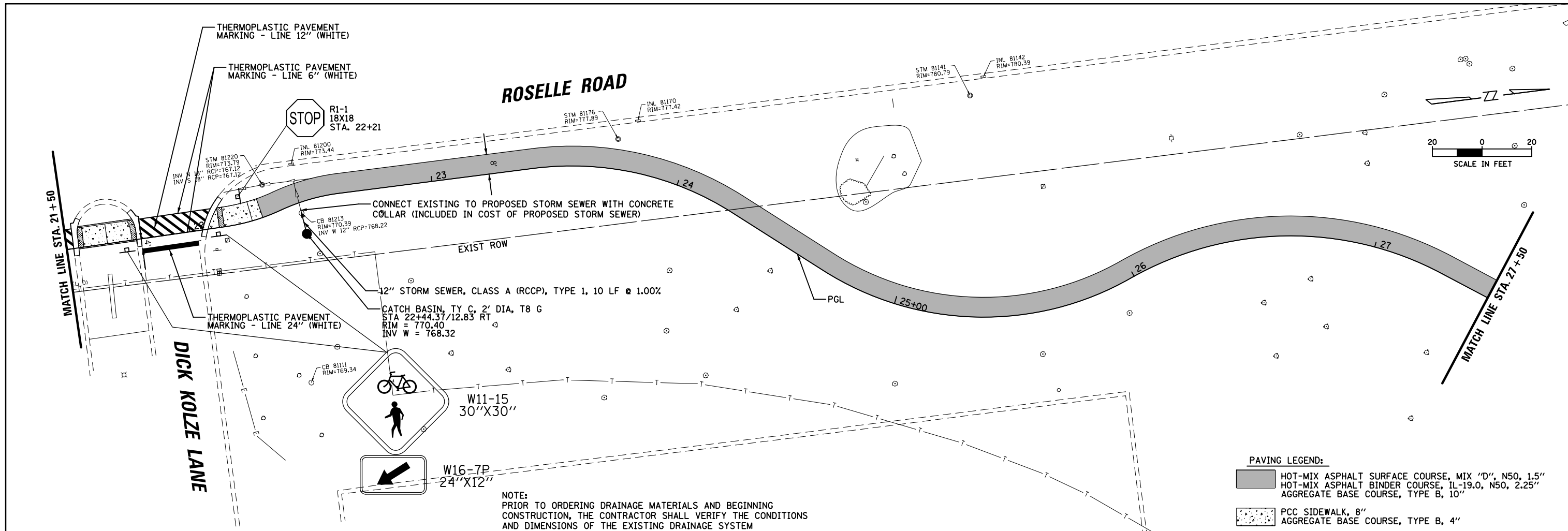
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	NOTE BOOK NO.		
	FILE NAME		



FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH</b> <b>PROPOSED PLAN AND PROFILE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MBT	REVISED -			2573	17-00101-00-BT	COOK	51	13	
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		DATE - 06/22/07	REVISED -			ILLINOIS FED. AID PROJECT					

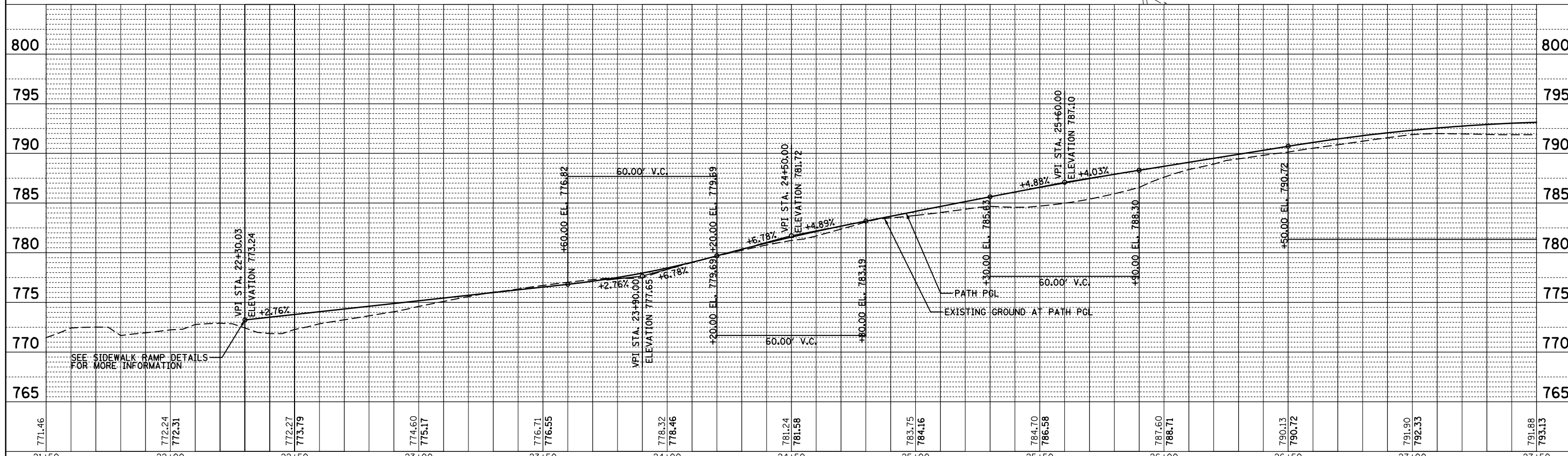
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PROFILE	SURVEYED	DATE
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	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
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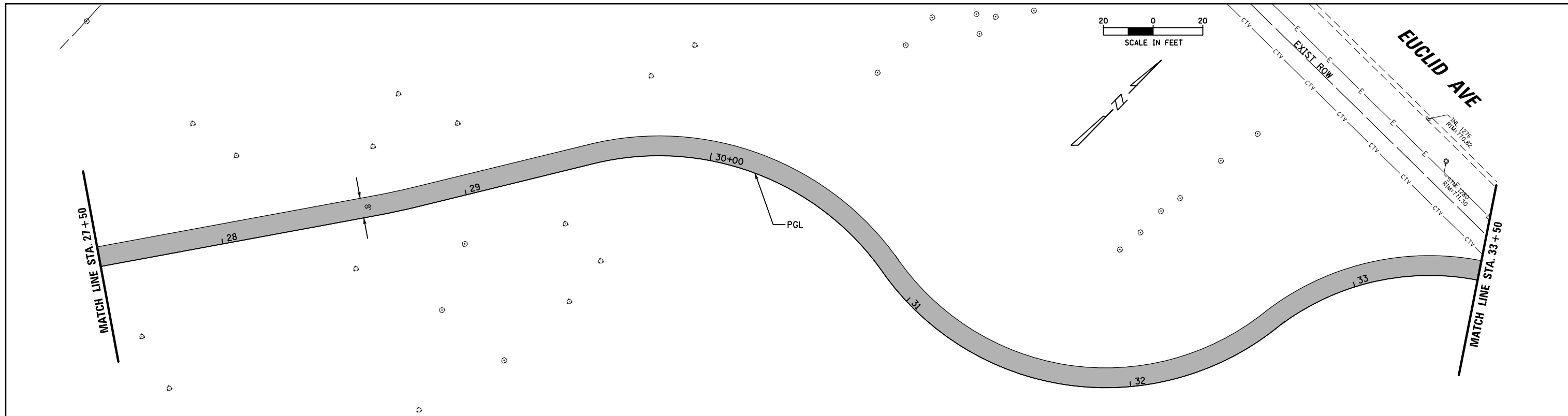
- [Solid Grey Box] HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5"
- [Solid Grey Box] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- [Solid Grey Box] AGGREGATE BASE COURSE, TYPE B, 10"
- [Dotted Box] PCC SIDEWALK, 8"
- [Dotted Box] AGGREGATE BASE COURSE, TYPE B, 4"



FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH</b> <b>PROPOSED PLAN AND PROFILE</b>	F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Palatine\170044.0000\Civil\RPP-170044.00.DGN	DRAWN - MBT	CHECKED - JGS	REVISED -			2573	17-00101-00-BT	COOK	51	14
Default	PLOT SCALE = 48"	DATE - 06/22/07	REVISED -			CONTRACT NO. 61F84				
	PLOT DATE = 4/10/2019					ILLINOIS FED. AID PROJECT				

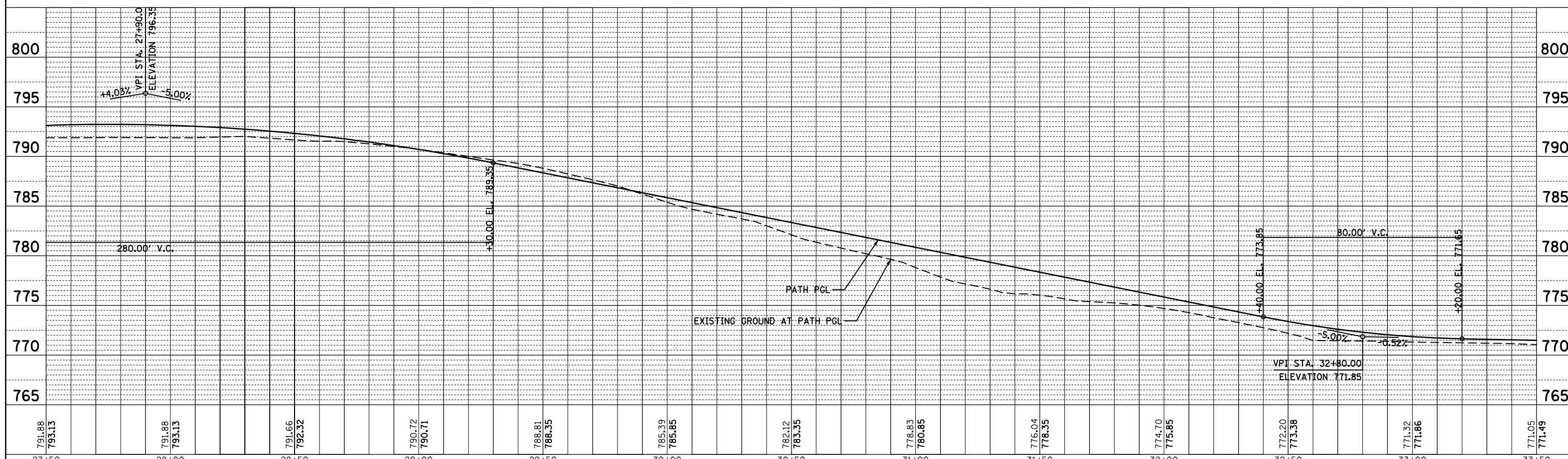
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	PLOTTED		
	NOTE BOOK		
	NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHECKED		
	NO.		



**PAVING LEGEND:**

	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5"
	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50, 2.25"
	AGGREGATE BASE COURSE, TYPE B, 10"
	PCC SIDEWALK, 8"
	AGGREGATE BASE COURSE, TYPE B, 4"



791.88 793.13	791.88 793.13	791.66 792.32	790.72 790.71	788.81 788.35	785.39 785.85	782.12 783.35	778.83 780.85	776.04 778.35	774.70 775.85	772.20 773.38	771.32 771.86	771.05 771.49
27+50	28+00	28+50	29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50

FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -
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Default		CHECKED - JGS	REVISED -
		DATE - 06/22/07	REVISED -

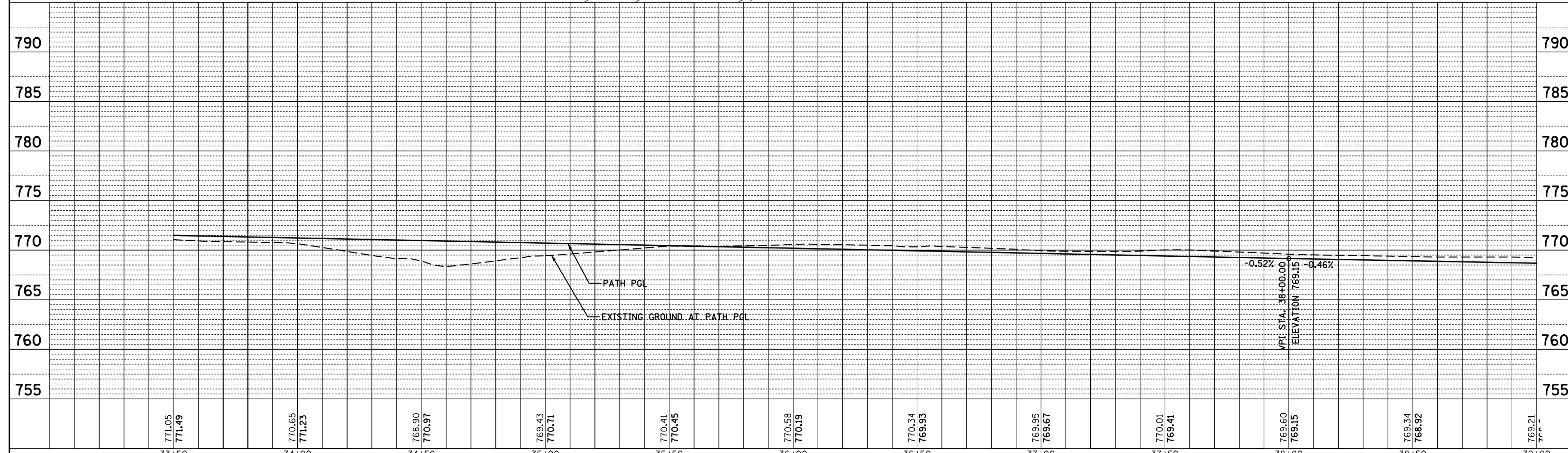
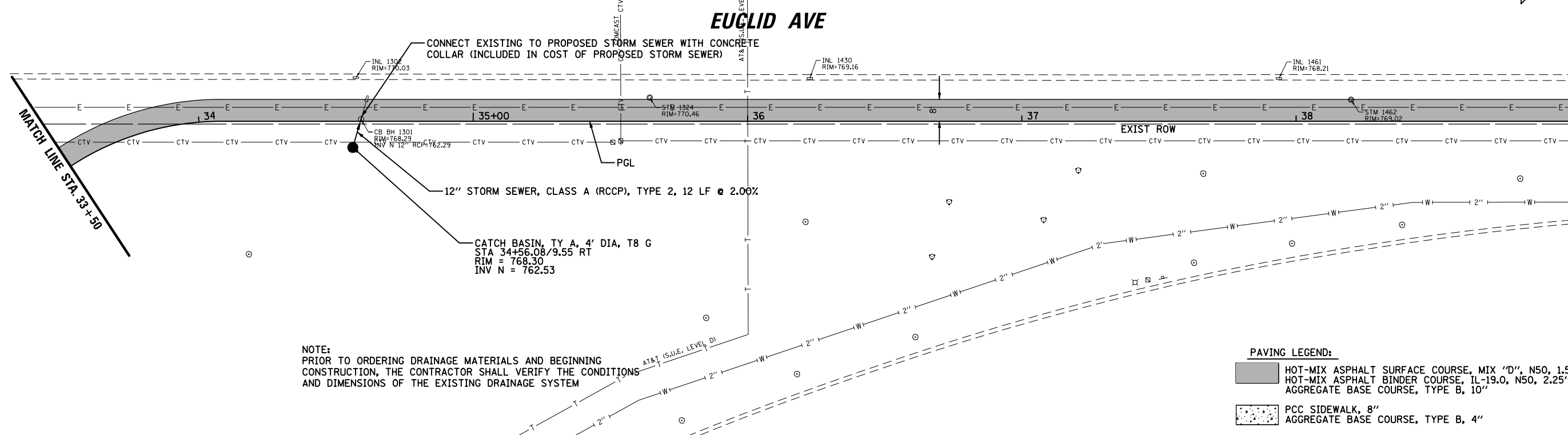
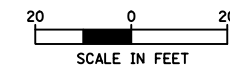
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH PROPOSED PLAN AND PROFILE</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	15
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	
	BY	

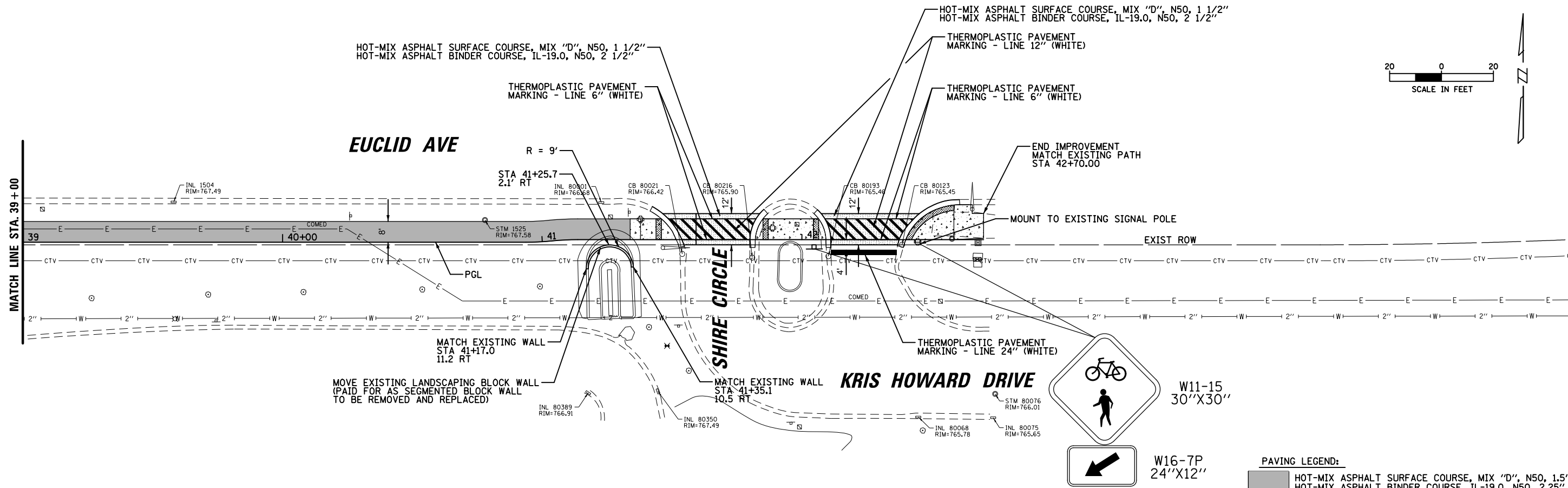


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N:\Palatine\170044.0000\Civil\RPP.170044.05.DGN		DRAWN - MBT	REVISED -			2573	17-00101-00-BT	COOK	51	16
Default		CHECKED - JGS	REVISED -			CONTRACT NO. 61F84				
PLOT SCALE = 48"		DATE - 06/22/07	REVISED -			ILLINOIS FED. AID PROJECT				



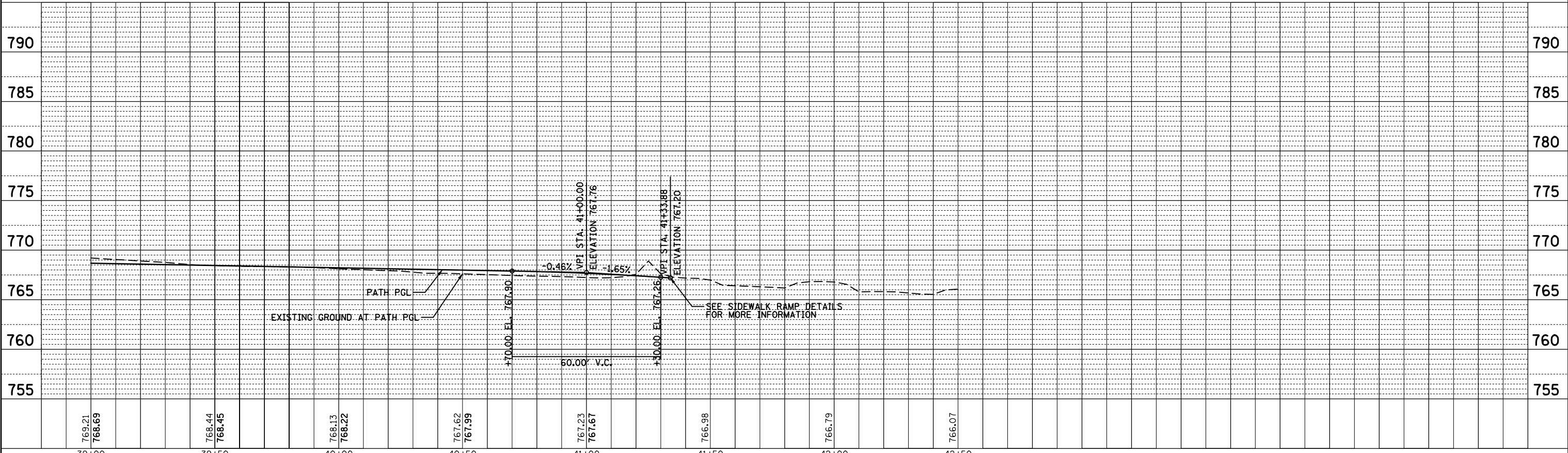
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		



**PAVING LEGEND:**

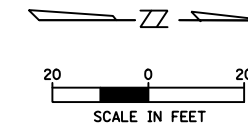
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5"
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
	AGGREGATE BASE COURSE, TYPE B, 10"
	PCC SIDEWALK, 8"
	AGGREGATE BASE COURSE, TYPE B, 4"



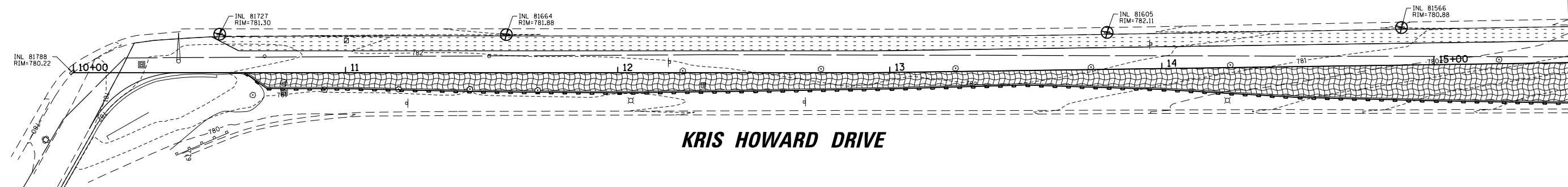
FILE NAME =	USER NAME = mthomas	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH</b> <b>PROPOSED PLAN AND PROFILE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Palatine\170044.0000\Civil\RPP.170044.05.DGN		DRAWN - MBT	REVISED -			2573	17-00101-00-BT	COOK	51	17
Default		CHECKED - JGS	REVISED -			CONTRACT NO. 61F84				
PLOT SCALE = 48"	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -			ILLINOIS FED. AID PROJECT				

SCHEDULE OF CONSTRUCTION ACTIVITIES

TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6
INSTALL STABILIZED CONSTRUCTION ENTRANCE AND OTHER TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES	CLEARING AND GRADING	SOIL STOCKPILING	DISPOSAL OF CONSTRUCTION WASTE	PERMANENT STABILIZATION	REMOVAL OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES
←		←			→
MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL PRACTICES					



**ROSELLE ROAD**

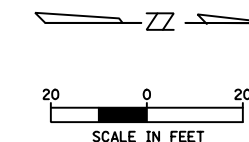


**KRIS HOWARD DRIVE**

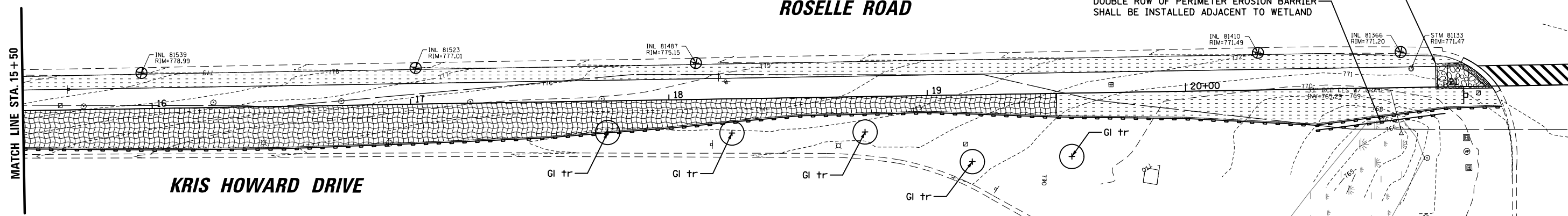
MATCH LINE STA. 15 + 50

**EROSION CONTROL LEGEND:**

	PERIMETER EROSION BARRIER
	SODDING, SALT TOLERANT
	EROSION CONTROL BLANKET SEEDING, CLASS 1
	INLET FILTER
	PROPOSED TREE RED OAK (Qr Fu) OR HONEY LOCUST (Gl tr)



**ROSELLE ROAD**



**KRIS HOWARD DRIVE**

MATCH LINE STA. 15 + 50

MATCH LINE STA. 21 + 50

FILE NAME = N:\Palatine\170044.00001\Civil\NECP_170044	USER NAME = mthomas	DESIGNED - MBT	REVISED -
01.DGN		DRAWN - MBT	REVISED -
PLOT SCALE = 48"		CHECKED -	REVISED -
Default	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

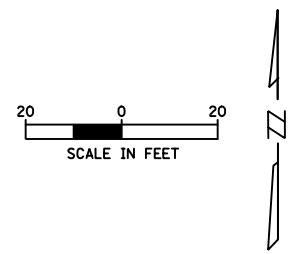
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
SOIL EROSION AND SEDIMENT CONTROL PLANS**

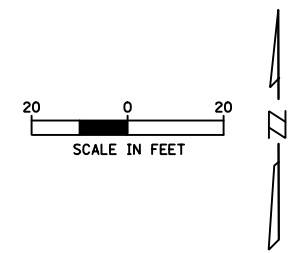
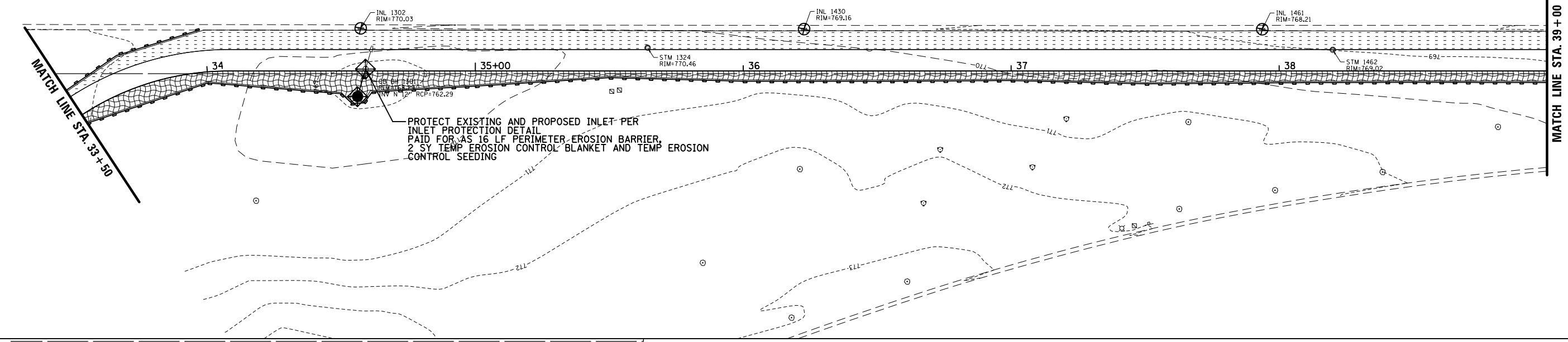
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	18
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

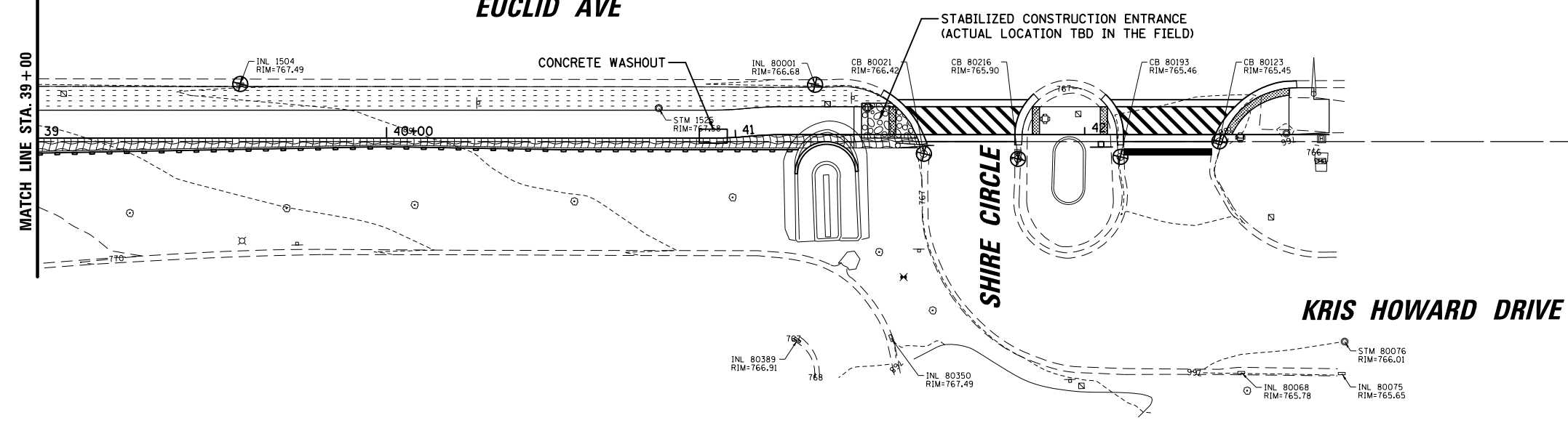




**EUCLID AVE**



**EUCLID AVE**



**EROSION CONTROL LEGEND:**

- PERIMETER EROSION BARRIER
- SODDING, SALT TOLERANT
- EROSION CONTROL BLANKET SEEDING, CLASS 1
- INLET FILTER
- PROPOSED TREE RED OAK (OU TR) OR HONEY LOCUST (GI TR)

FILE NAME = N:\Palatine\170044.000\01\Civil\NECP_170044	USER NAME = mthomas	DESIGNED - MBT	REVISED -
03.DGN		DRAWN - MBT	REVISED -
PLOT SCALE = 48"		CHECKED -	REVISED -
Default	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	20
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

# TRAFFIC SIGNAL LEGEND

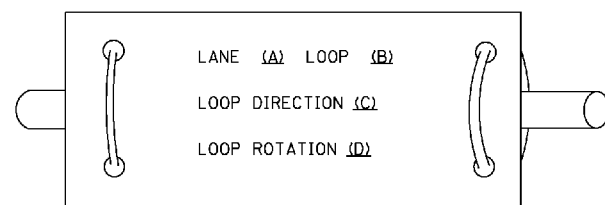
(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

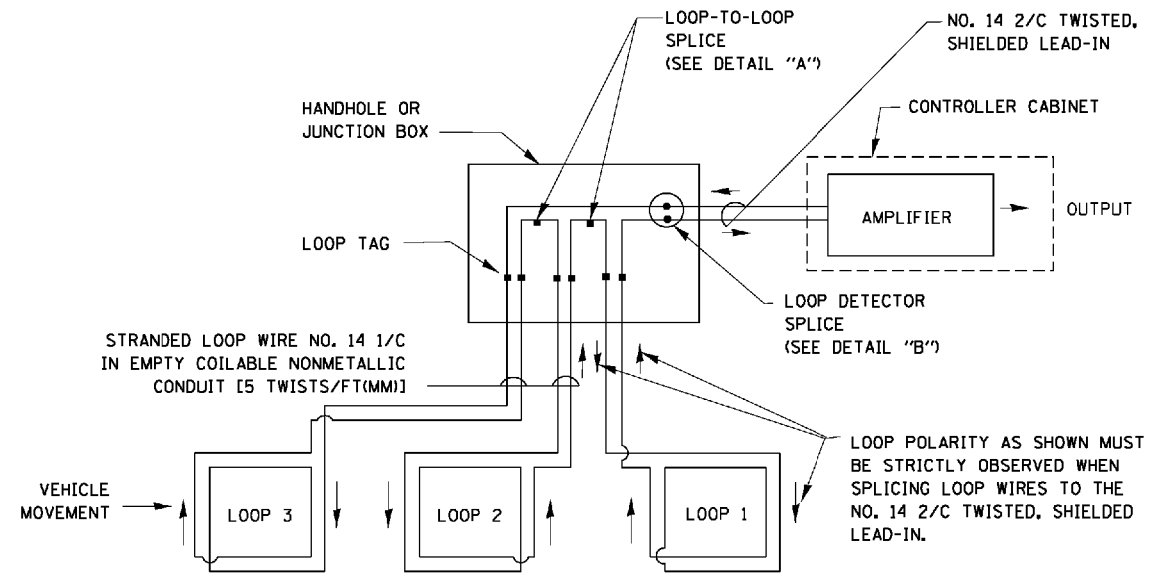
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

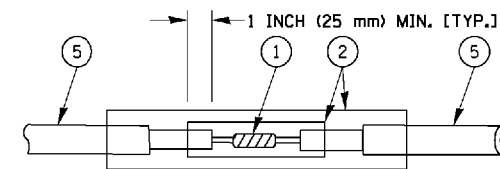


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

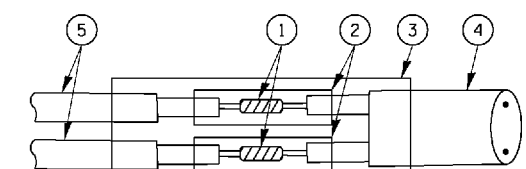


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

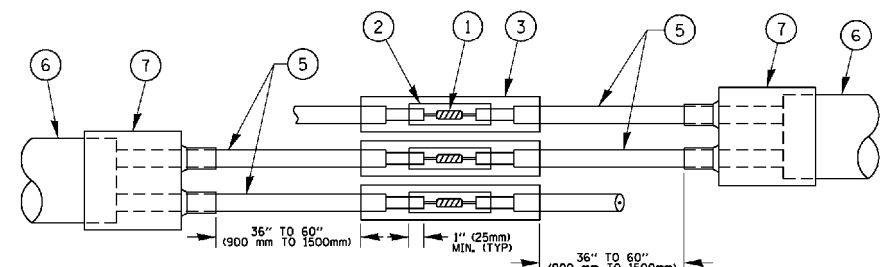


DETAIL "A"  
LOOP-TO-LOOP SPLICE

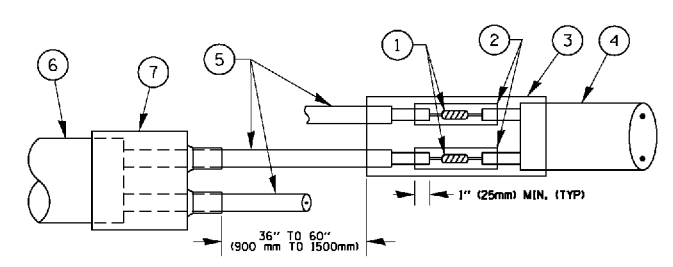


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

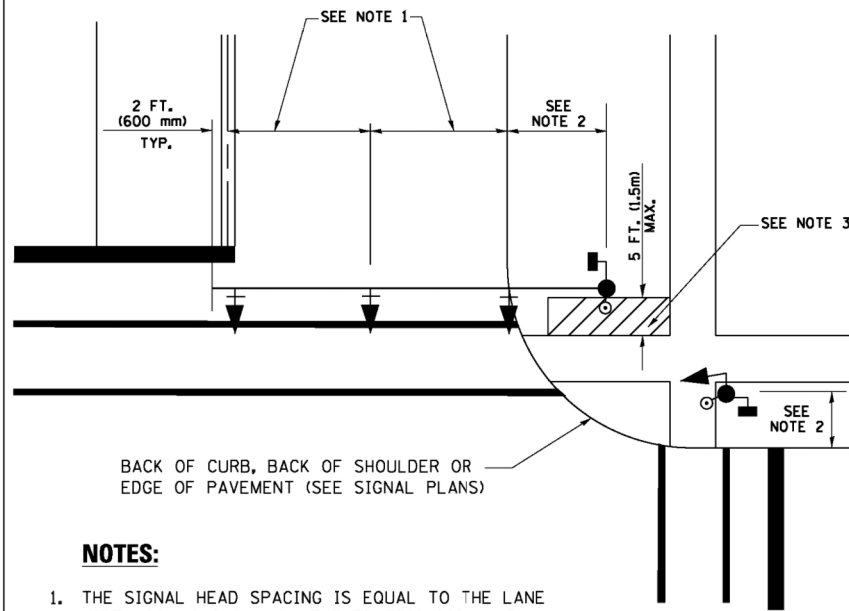
**PREFORMED LOOP**

**LOOP DETECTOR SPLICE**

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PREFORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = faotemj	DESIGNED - DAD	REVISED - DAG 1-1-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\faotemj\0108315\ts05.dgn	DRAWN - BCK	REVISED -	2573			17-00101-00-BT	COOK	51	22	
PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISED -	<b>TS-05</b>			CONTRACT NO. 61F84				
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.		

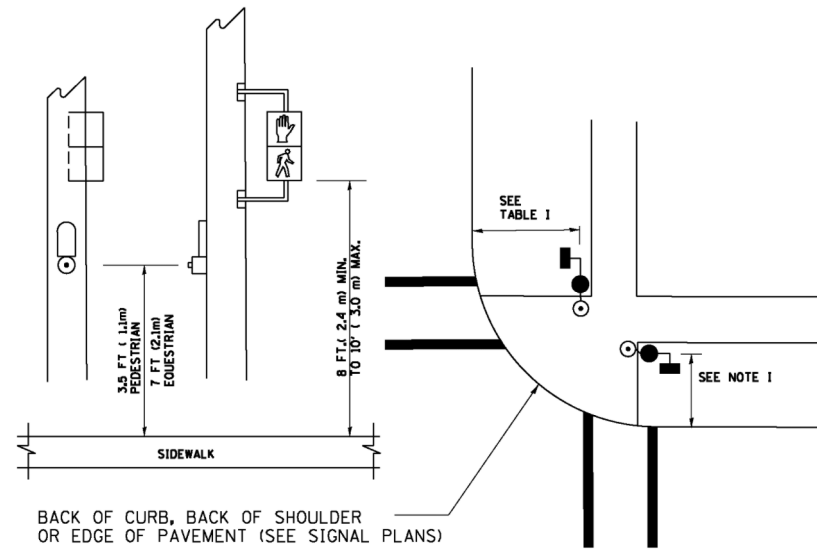
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST  
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR  
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN  
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

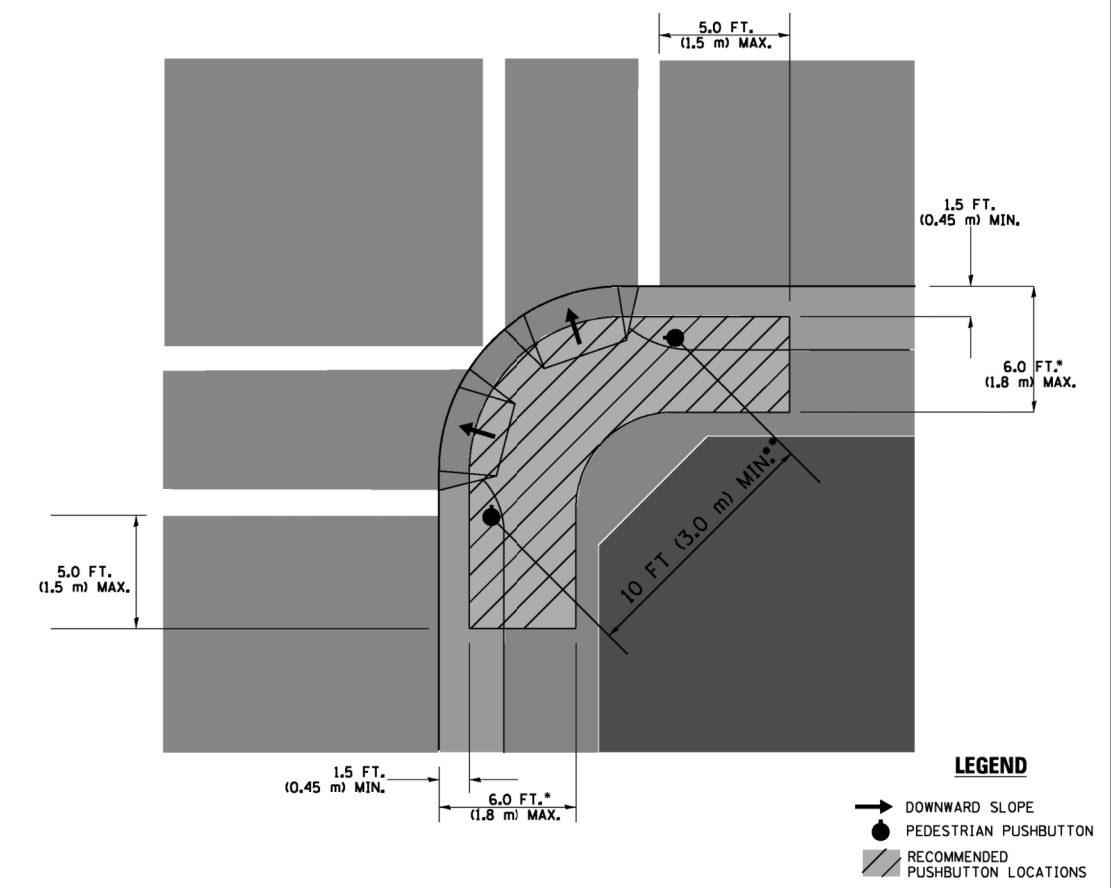
**PEDESTRIAN SIGNAL POST  
AND  
PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



**LEGEND**

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

**TRAFFIC SIGNAL EQUIPMENT OFFSET**

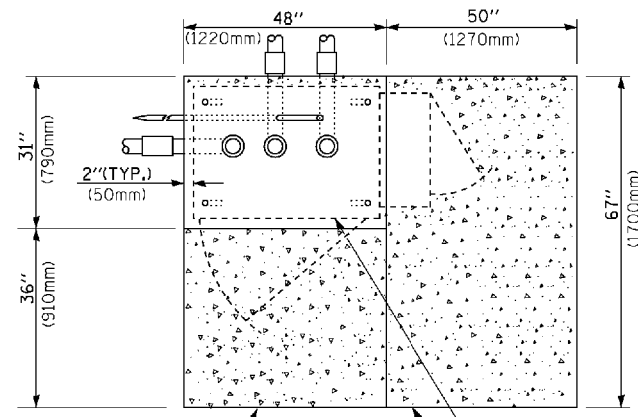
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

**NOTES:**

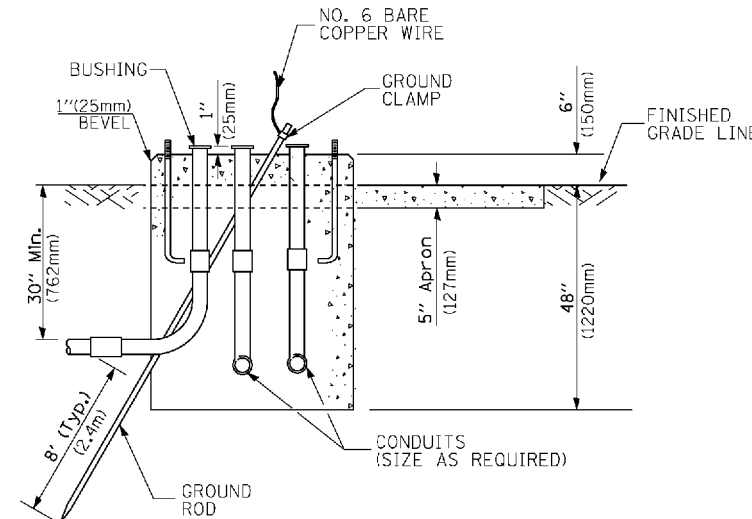
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



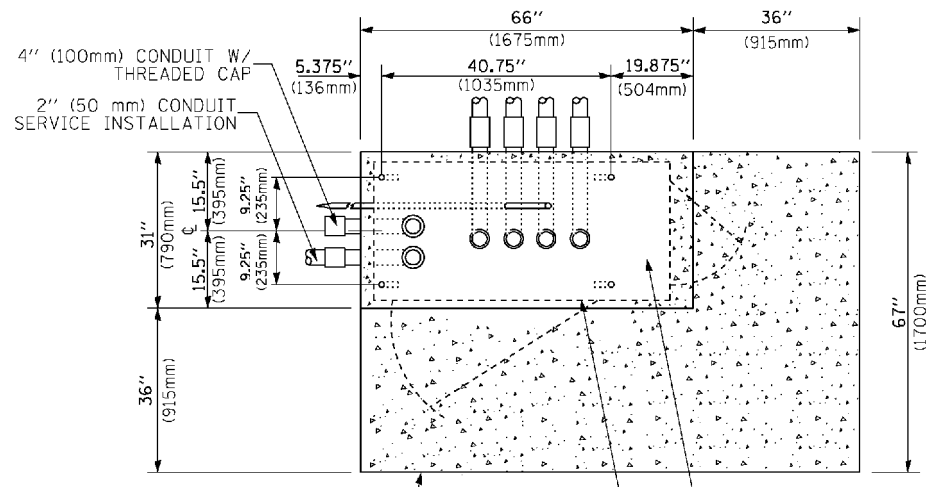




**TOP VIEW**

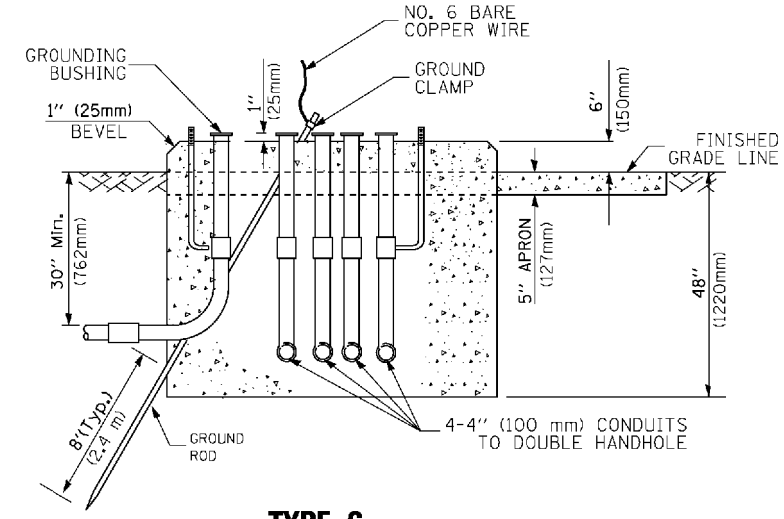


**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**

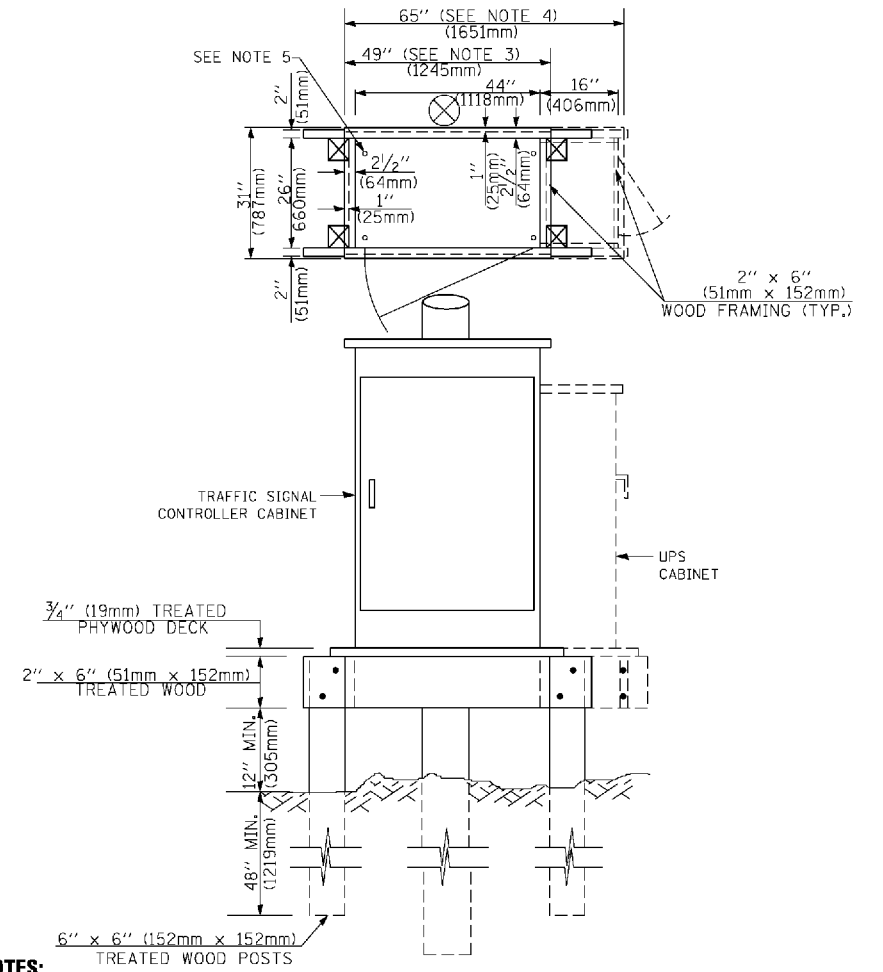


**TOP VIEW**

**NOTE:**  
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**



**NOTES:**

- BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
- BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
- PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
- PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
- DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
- FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

**CABLE SLACK**

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

**VERTICAL CABLE LENGTH**

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

**DEPTH OF FOUNDATION**

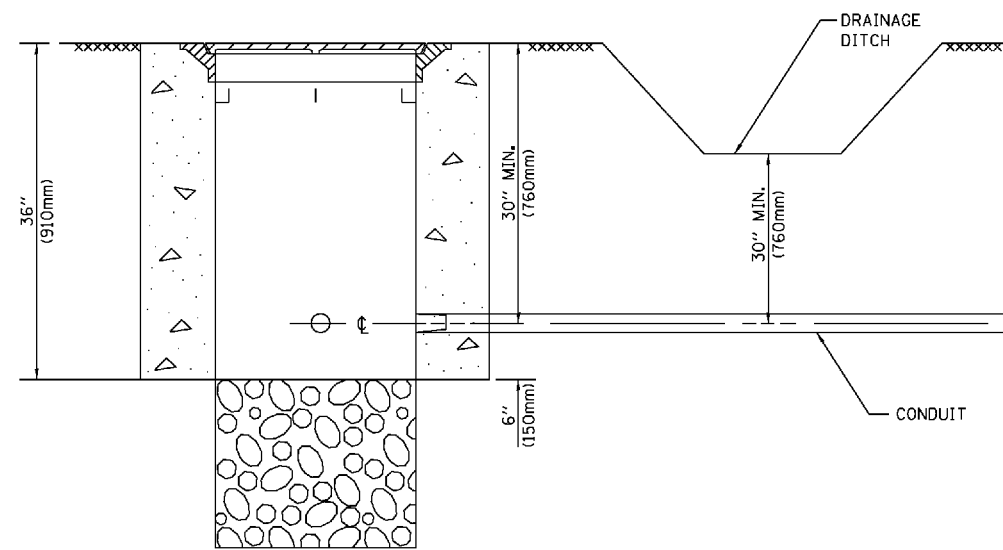
MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

**NOTES:**

- These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (UCS) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
- Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
- Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
- For mast arm assemblies with dual arms refer to state standard 878001..

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

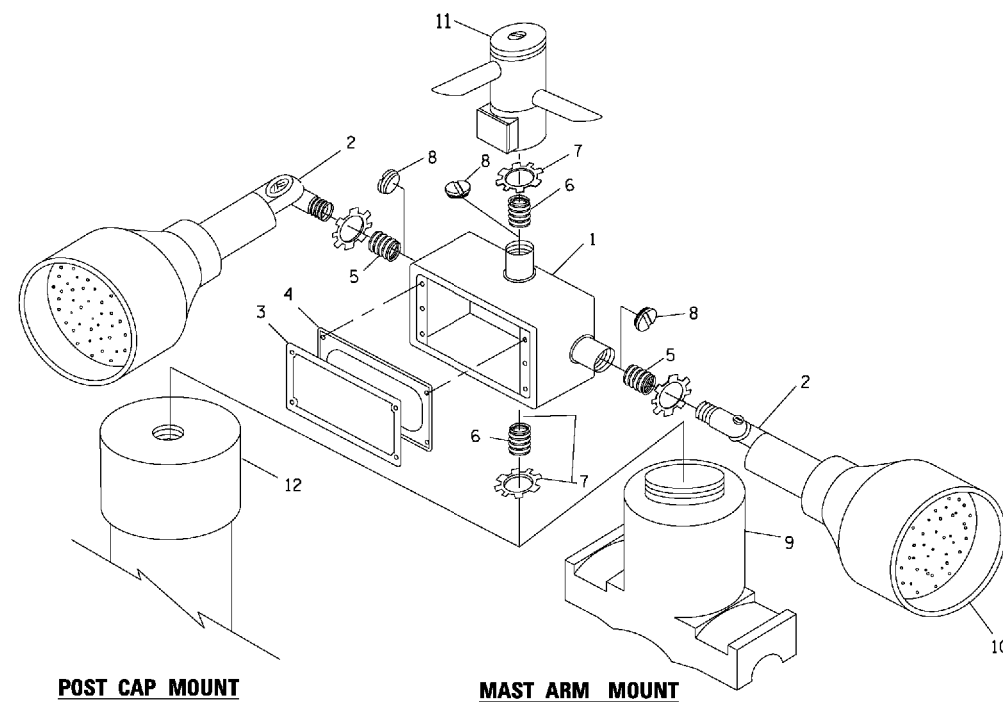
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ca:\pwwork\pwwork\foatemj\0108315\ts05.dgn		DRAWN - BCK	REVISED -		<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>		2573	17-00101-00-BT	COOK	51	25
		CHECKED - DAD	REVISED -		<b>TS-05</b>		<b>CONTRACT NO. 61F84</b>				
		DATE - 10-28-09	REVISED -		SCALE: NONE		SHEET NO. 5 OF 7 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



**NOTES:**

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

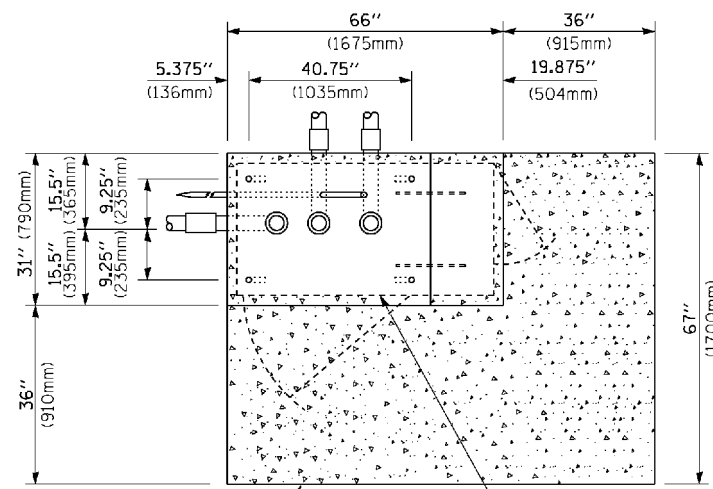
**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)



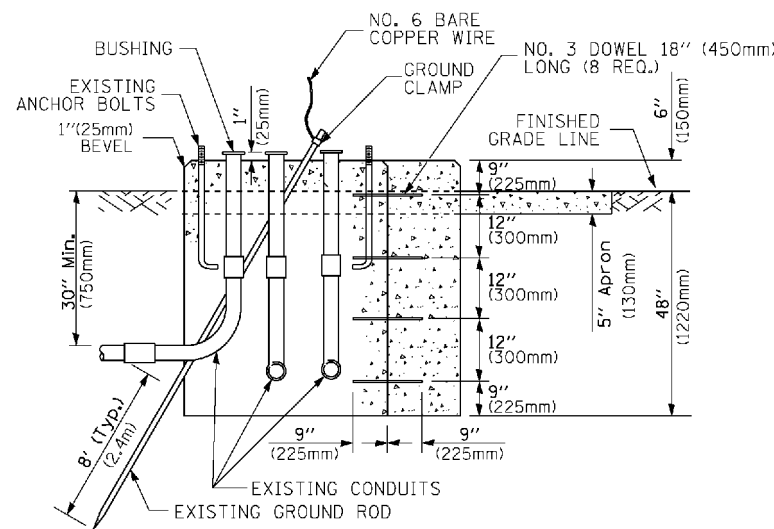
**POST CAP MOUNT**

**MAST ARM MOUNT**

**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**



**TOP VIEW**  
(NOT TO SCALE)

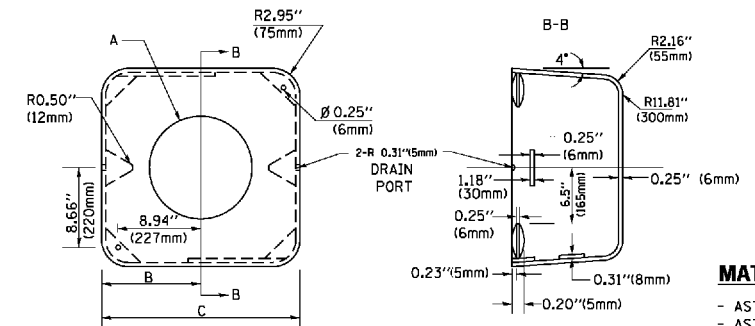


**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

**NOTES:**

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



**MATERIAL:**  
- ASTM A36 STEEL  
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

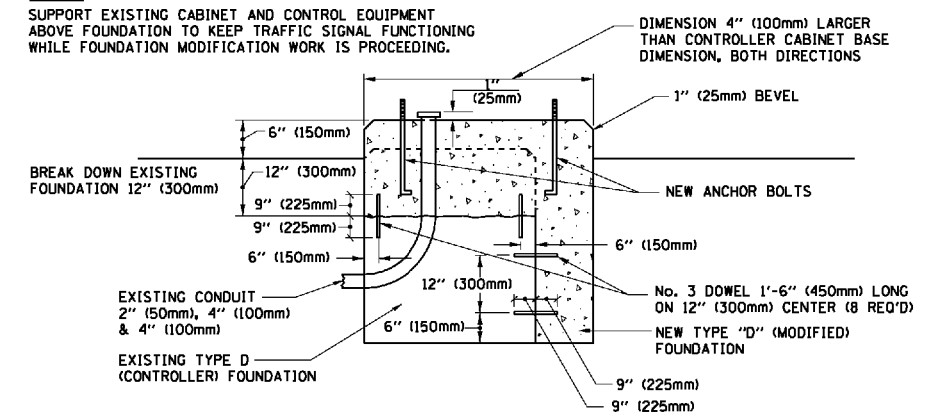
**SHROUD**

**NOTES:**

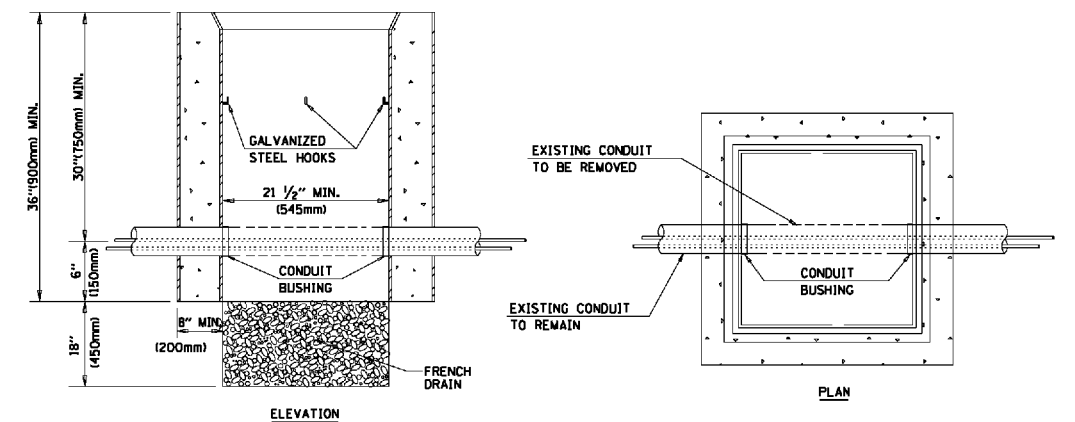
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



**MODIFY EXISTING TYPE "D" FOUNDATION**



**NOTES:**

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

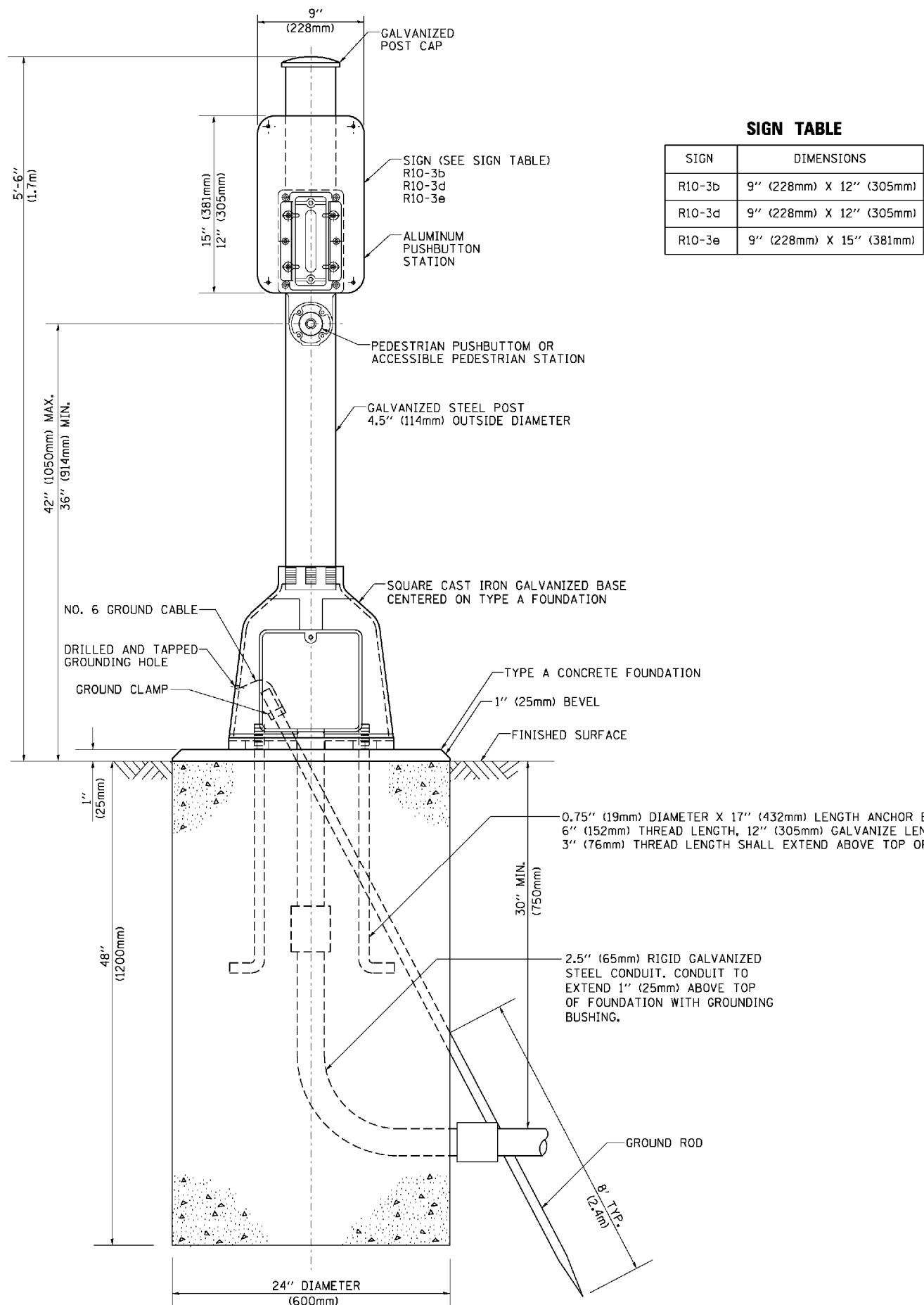
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	PLOT SCALE = 50.0000 / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**  
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

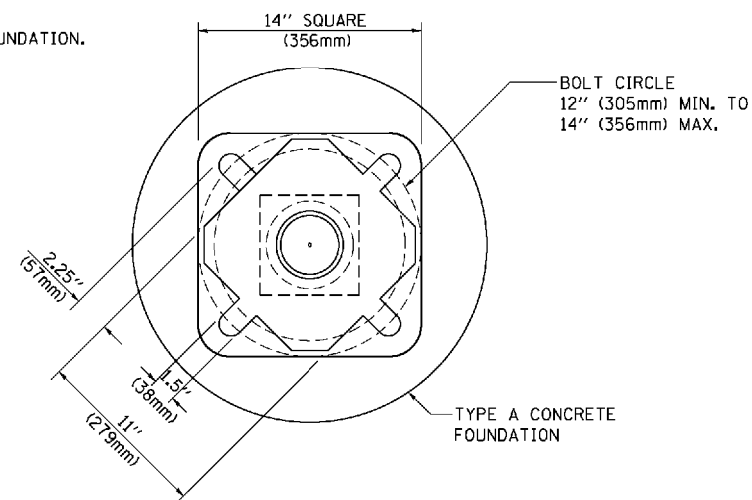
SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	26
	<b>TS-05</b>			
				CONTRACT NO. 61F84
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**SIGN TABLE**

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



**BOLT PATTERN**

**PEDESTRIAN PUSH BUTTON POST, TYPE A**

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PLOT DATE = 1/13/2014		DATE - 10/1/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	27
<b>TS-05</b>		CONTRACT NO. 61F84		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**REMOVAL AND RELOCATION NOTES:**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

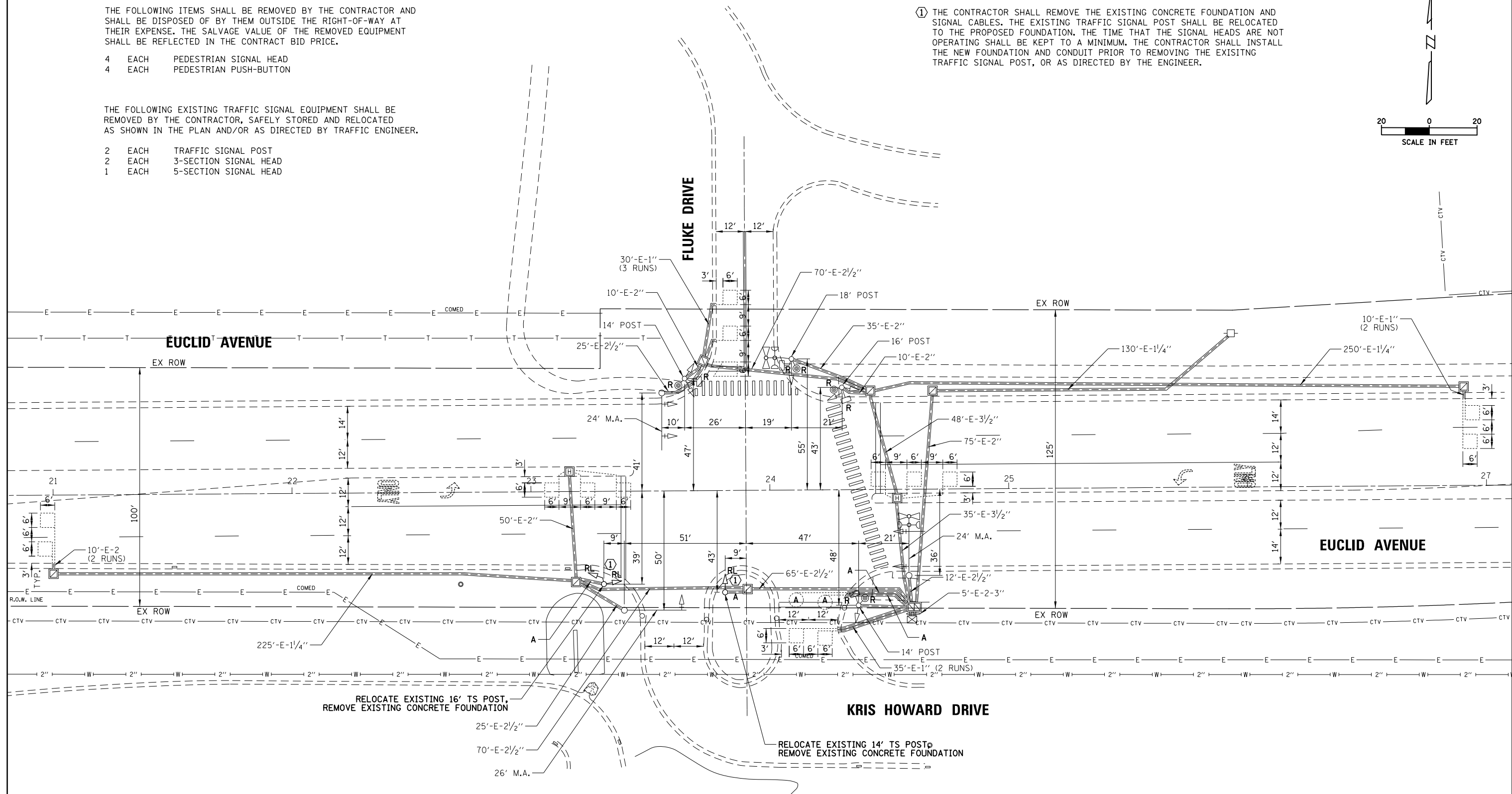
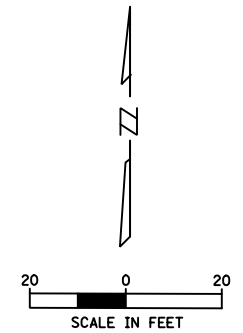
- 4 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED AS SHOWN IN THE PLAN AND/OR AS DIRECTED BY TRAFFIC ENGINEER.

- 2 EACH TRAFFIC SIGNAL POST
- 2 EACH 3-SECTION SIGNAL HEAD
- 1 EACH 5-SECTION SIGNAL HEAD

**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING CONCRETE FOUNDATION AND SIGNAL CABLES. THE EXISTING TRAFFIC SIGNAL POST SHALL BE RELOCATED TO THE PROPOSED FOUNDATION. THE TIME THAT THE SIGNAL HEADS ARE NOT OPERATING SHALL BE KEPT TO A MINIMUM. THE CONTRACTOR SHALL INSTALL THE NEW FOUNDATION AND CONDUIT PRIOR TO REMOVING THE EXISTING TRAFFIC SIGNAL POST, OR AS DIRECTED BY THE ENGINEER.



FILE NAME =	USER NAME = mthomas	DESIGNED - EAJ	REVISED -
N:\Palatka\170044.00001\Traffic\TS-170044.Sht-08_REM.dgn		DRAWN - FPB	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 4/10/2019	DATE - \$sub_date	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

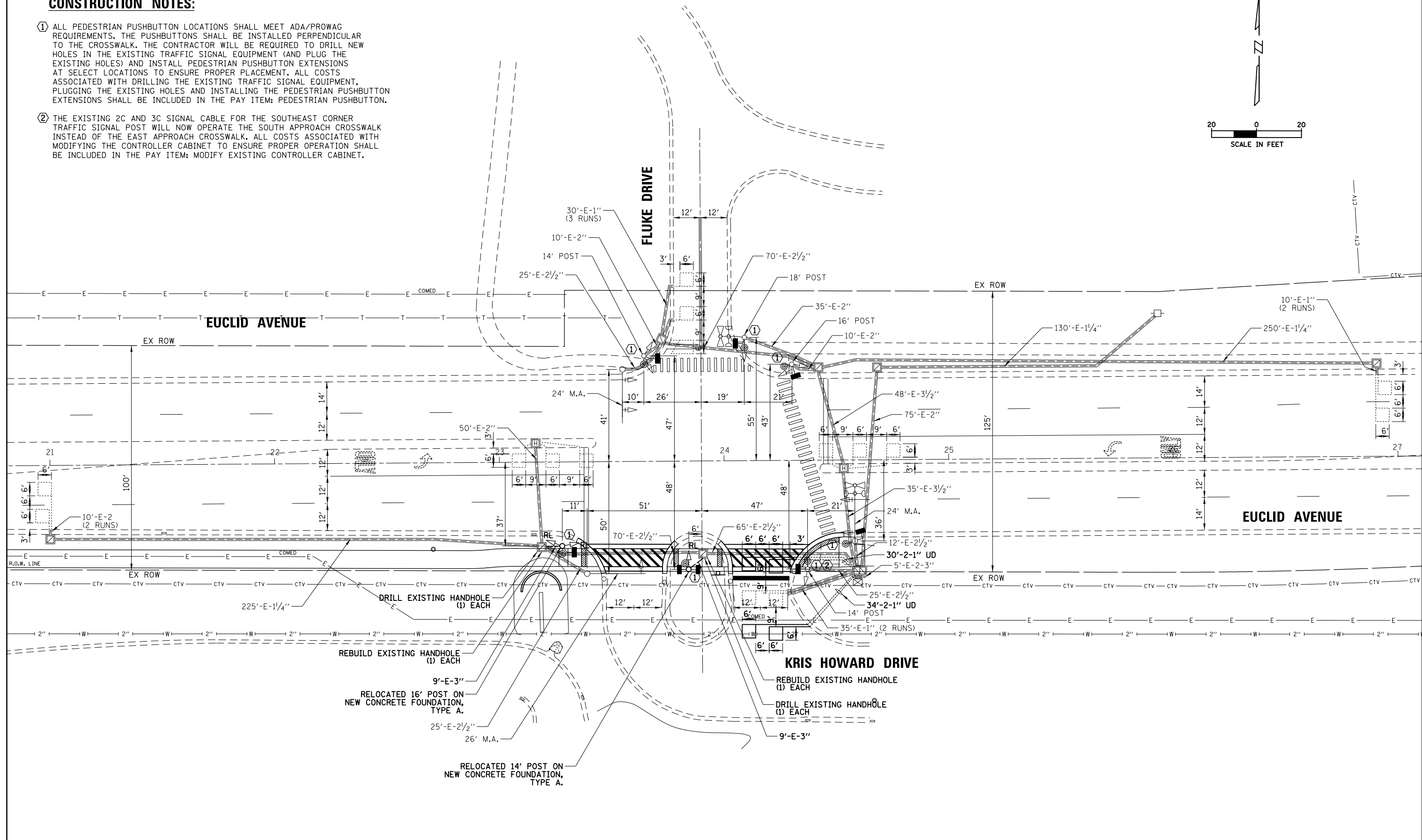
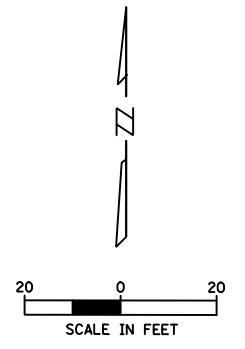
**TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN  
EUCLID AVENUE AND KRIS HOWARD DRIVE / FLUKE DRIVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	28
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

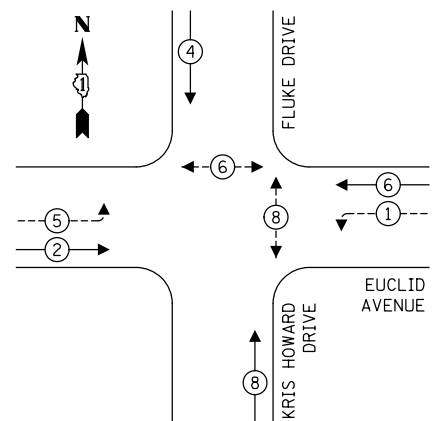
**CONSTRUCTION NOTES:**

- ① ALL PEDESTRIAN PUSHBUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS. THE PUSHBUTTONS SHALL BE INSTALLED PERPENDICULAR TO THE CROSSWALK. THE CONTRACTOR WILL BE REQUIRED TO DRILL NEW HOLES IN THE EXISTING TRAFFIC SIGNAL EQUIPMENT (AND PLUG THE EXISTING HOLES) AND INSTALL PEDESTRIAN PUSHBUTTON EXTENSIONS AT SELECT LOCATIONS TO ENSURE PROPER PLACEMENT. ALL COSTS ASSOCIATED WITH DRILLING THE EXISTING TRAFFIC SIGNAL EQUIPMENT, PLUGGING THE EXISTING HOLES AND INSTALLING THE PEDESTRIAN PUSHBUTTON EXTENSIONS SHALL BE INCLUDED IN THE PAY ITEM: PEDESTRIAN PUSHBUTTON.
- ② THE EXISTING 2C AND 3C SIGNAL CABLE FOR THE SOUTHEAST CORNER TRAFFIC SIGNAL POST WILL NOW OPERATE THE SOUTH APPROACH CROSSWALK INSTEAD OF THE EAST APPROACH CROSSWALK. ALL COSTS ASSOCIATED WITH MODIFYING THE CONTROLLER CABINET TO ENSURE PROPER OPERATION SHALL BE INCLUDED IN THE PAY ITEM: MODIFY EXISTING CONTROLLER CABINET.

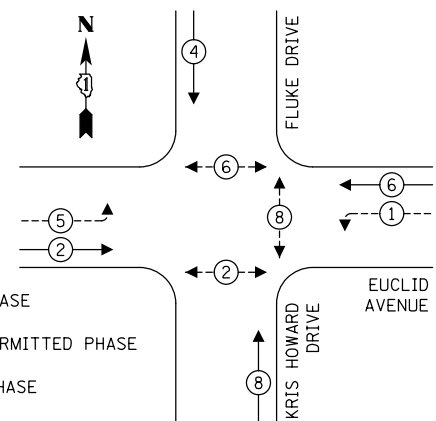


FILE NAME =	USER NAME = mthomas	DESIGNED - EAJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODIFICATION PLAN EUCLID AVENUE AND KRIS HOWARD DRIVE / FLUKE DRIVE</b>	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\Palatine\170044.00001\Traffic\TS-170044.Sht-09.MDD.dgn	PLOT SCALE = 48"	DRAWN - FPB	REVISED -			2573	17-00101-00-BT	COOK	51	29	
Default	PLOT DATE = 4/10/2019	CHECKED - GMZ	REVISED -			<b>CONTRACT NO. 61F84</b>					
		DATE - \$sub date	REVISED -			ILLINOIS FED. AID PROJECT					

**EXISTING CONTROLLER SEQUENCE**



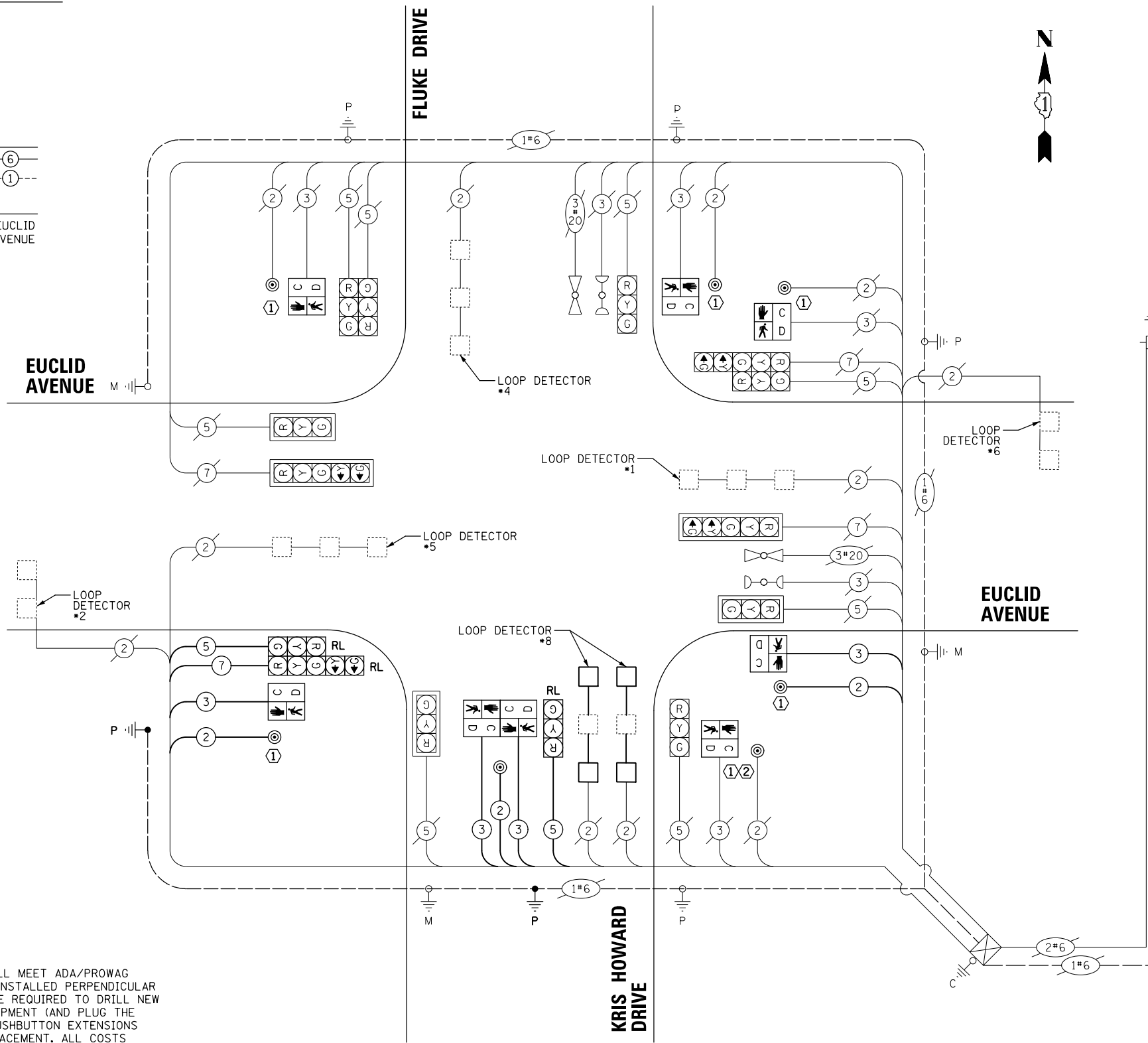
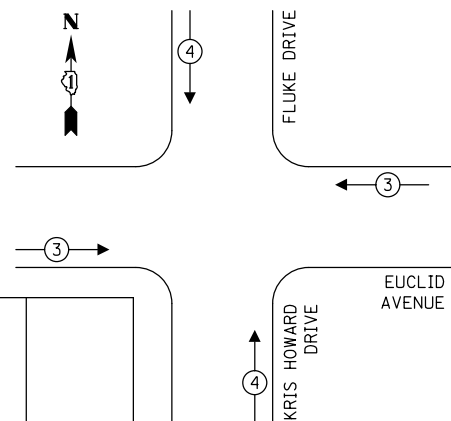
**PROPOSED CONTROLLER SEQUENCE**



**LEGEND:**

- ⊙ — PROTECTED PHASE
- ⊙ — PROTECTED/PERMITTED PHASE
- ⊙ — PEDESTRIAN PHASE
- OL — OVERLAP

**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**CABLE PLAN**  
(NOT TO SCALE)

**CONSTRUCTION NOTES:**

- ① ALL PEDESTRIAN PUSHBUTTON LOCATIONS SHALL MEET ADA/PROWAG REQUIREMENTS. THE PUSHBUTTONS SHALL BE INSTALLED PERPENDICULAR TO THE CROSSWALK. THE CONTRACTOR WILL BE REQUIRED TO DRILL NEW HOLES IN THE EXISTING TRAFFIC SIGNAL EQUIPMENT (AND PLUG THE EXISTING HOLES) AND INSTALL PEDESTRIAN PUSHBUTTON EXTENSIONS AT SELECT LOCATIONS TO ENSURE PROPER PLACEMENT. ALL COSTS ASSOCIATED WITH DRILLING THE EXISTING TRAFFIC SIGNAL EQUIPMENT, PLUGGING THE EXISTING HOLES AND INSTALLING THE PEDESTRIAN PUSHBUTTON EXTENSIONS SHALL BE INCLUDED IN THE PAY ITEM: PEDESTRIAN PUSHBUTTON.
- ② THE EXISTING 2C AND 3C SIGNAL CABLE FOR THE SOUTHEAST CORNER TRAFFIC SIGNAL POST WILL NOW OPERATE THE SOUTH APPROACH CROSSWALK INSTEAD OF THE EAST APPROACH CROSSWALK. ALL COSTS ASSOCIATED WITH MODIFYING THE CONTROLLER CABINET TO ENSURE PROPER OPERATION SHALL BE INCLUDED IN THE PAY ITEM: MODIFY EXISTING CONTROLLER CABINET.

**LOCATION: EUCLID AVENUE AND KRIS HOWARD DRIVE**  
**COOK COUNTY**  
**DEPARTMENT OF TRANSPORTATION AND HIGHWAYS**  
**TRAFFIC SIGNAL INSTALLATION**  
**ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
CONTROLLER	1	100	1.00	100.00
VEHICLE DET.	7	5	1.00	35.00
PED. SIGNAL	8	25	1.00	200.00
12" SIGNAL (RED)	14	17	0.50	119.00
(YELLOW)	14	25	0.05	17.50
(GREEN)	14	15	0.45	94.50
(ARROW)	8	12	0.10	9.60
<b>TOTAL =</b>				<b>575.60</b>

**ENERGY COST TO:**  
COOK COUNTY BUREAU OF ADMINISTRATION  
118 N. CLARK STREET, ROOM 801  
CHICAGO, IL 60602  
TOWER ACCOUNT NO.  
SUPPLEMENT NO.

**ENERGY COST SHARE:**  
COOK COUNTY: 50%

Village of Palatine  
200 E. Wood Street  
Palatine, IL 60067

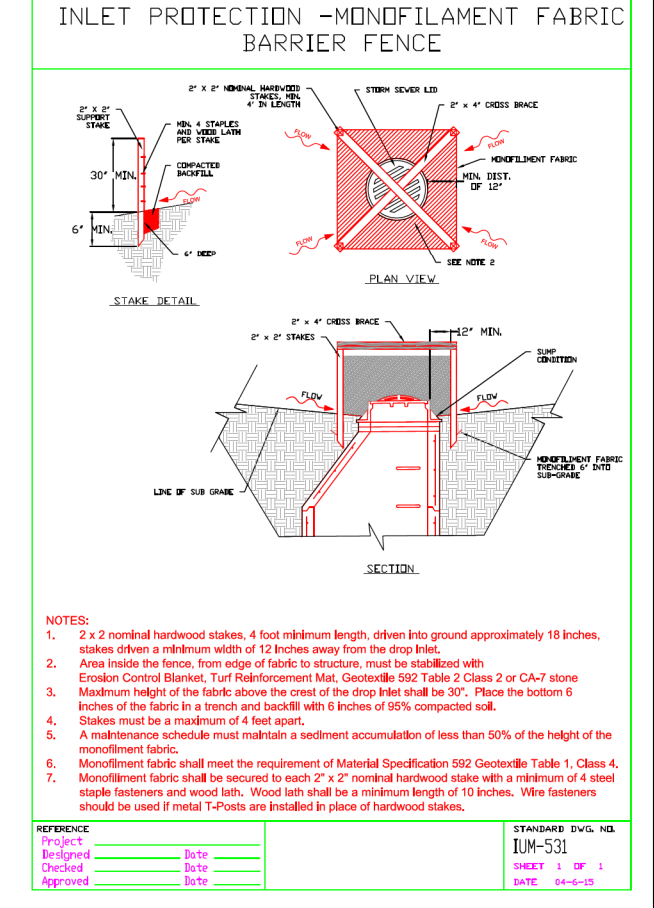
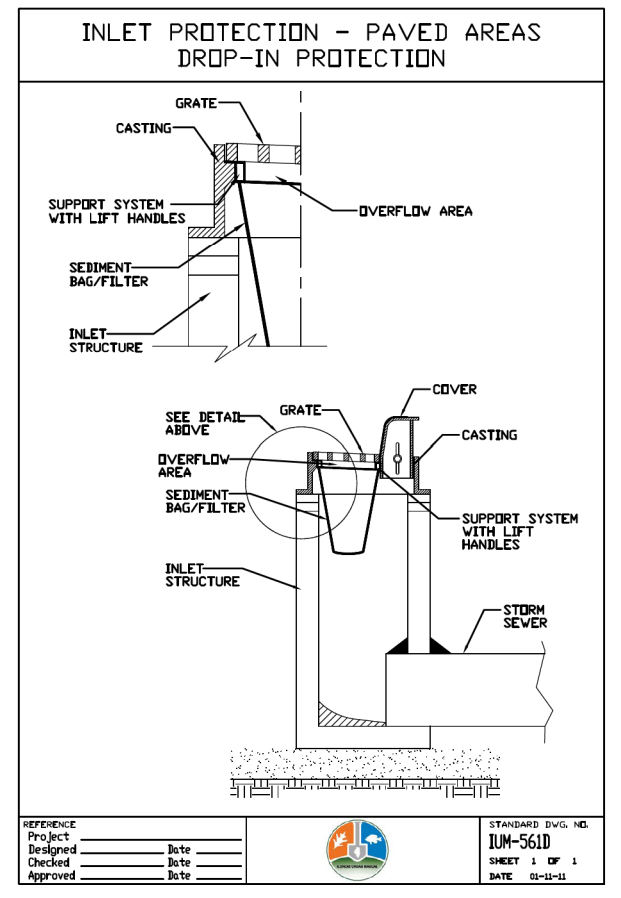
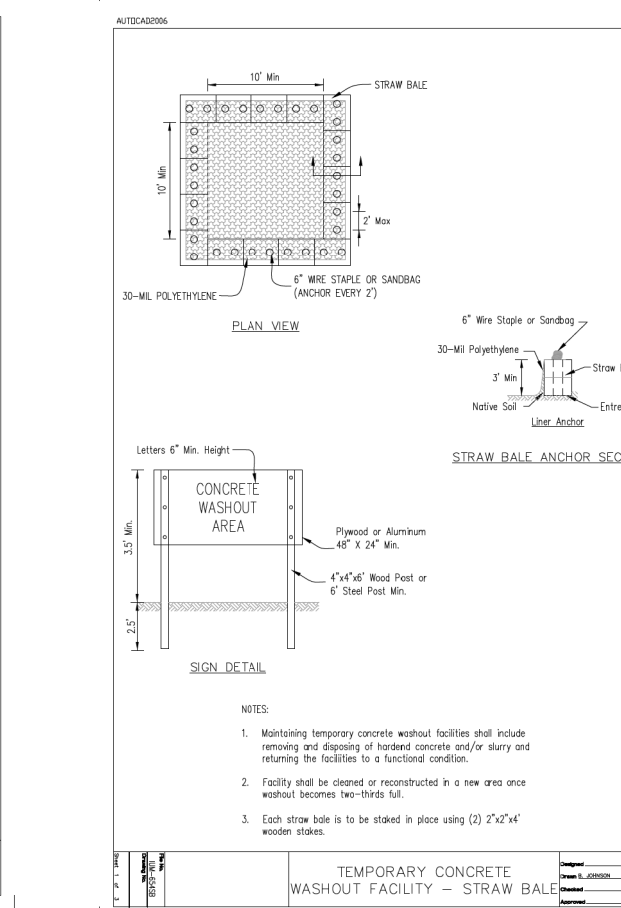
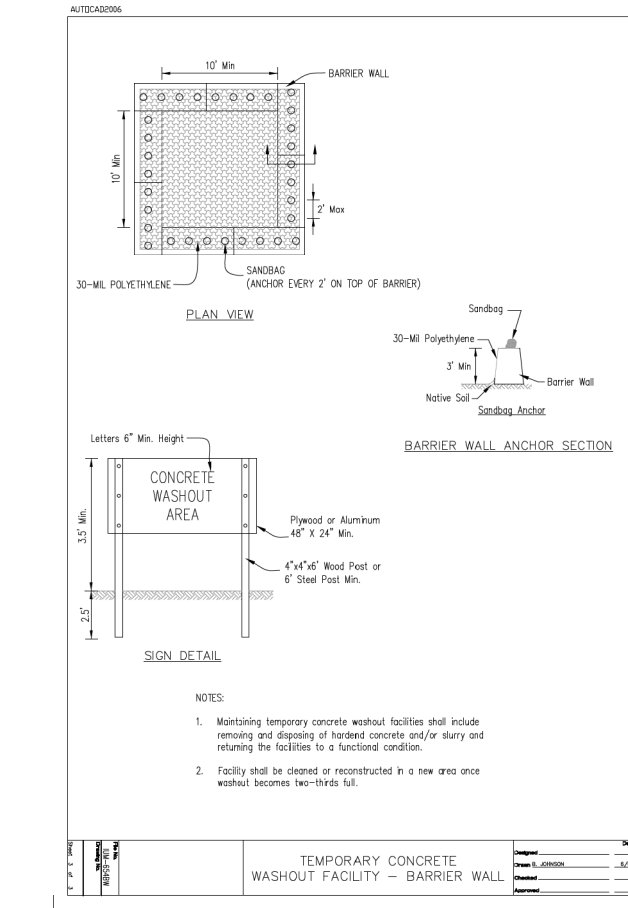
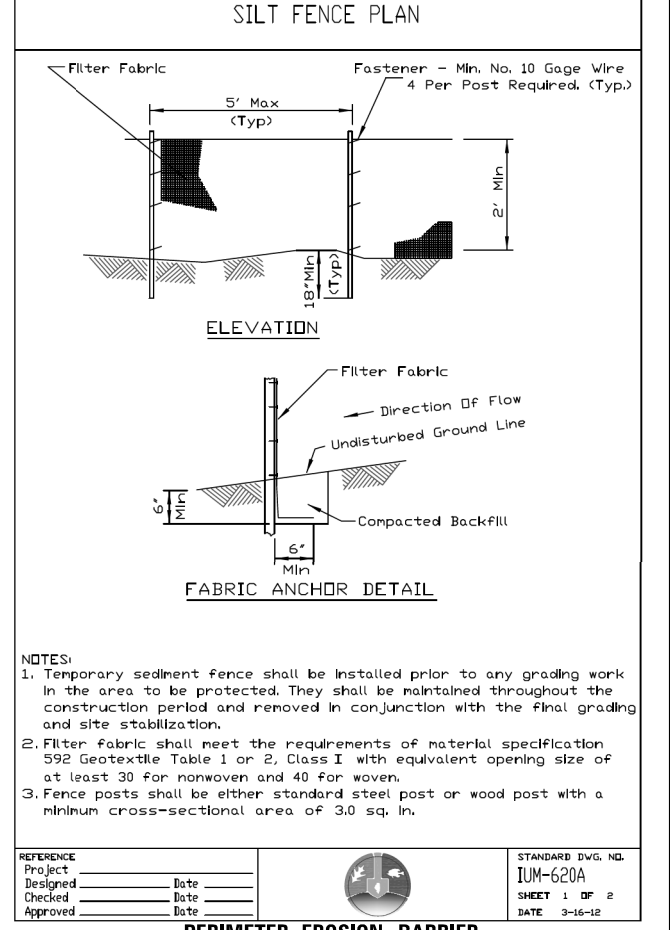
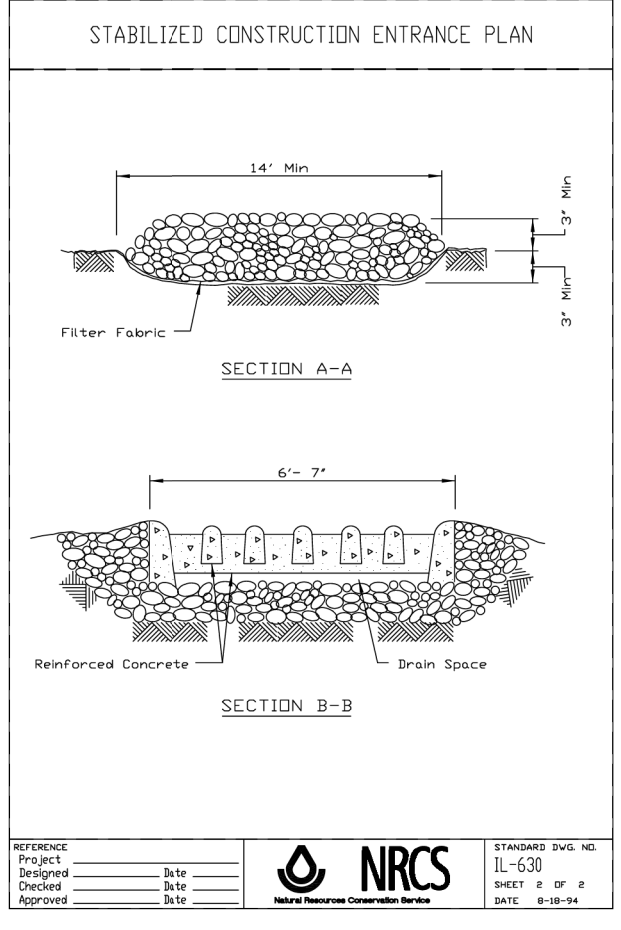
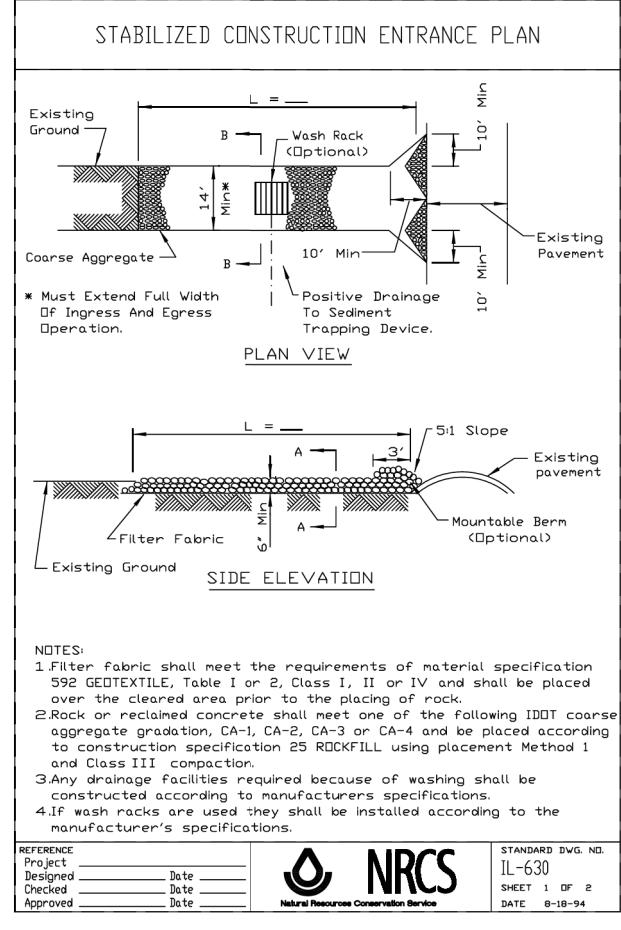
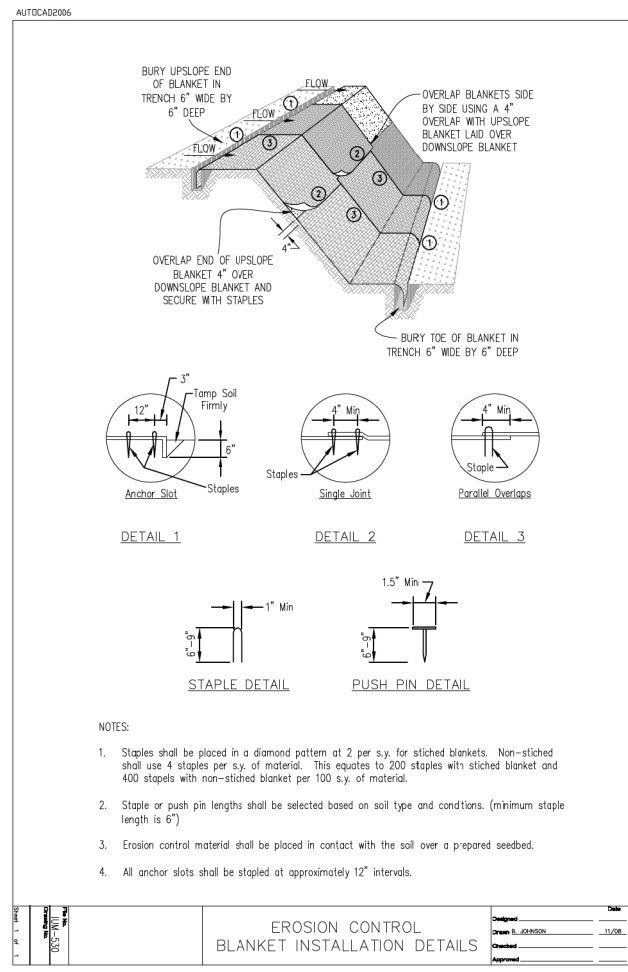
**ENERGY SUPPLY CONTACT:** ComEd  
PHONE: (866)639-3532  
COMPANY: ComEd

**EFFECTIVE DATE:**  
TO BE DETERMINED

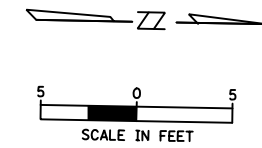
**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	18
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	346
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	469
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	319
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	198
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	54
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
DETECTOR LOOP, TYPE I	FOOT	158
PEDESTRIAN PUSH-BUTTON	EACH	7
RELOCATE EXISTING SIGNAL HEAD	EACH	3
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	522
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
SIGNAL TIMING	L SUM	1

FILE NAME =	USER NAME = mthomas	DESIGNED - EAJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES EUCLID AVENUE AND KRIS HOWARD DRIVE / FLUKE DRIVE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\Palatine\170044.00001\Traffic\TS-170044.Sht-11.CAB_02.dgn		DRAWN - FPB	REVISED -			2573	17-00101-00-BT	COOK	51	31	
Default	PLOT SCALE = 48'	CHECKED - GMZ	REVISED -			<b>CONTRACT NO. 61F84</b>					
	PLOT DATE = 4/10/2019	DATE - \$sub date	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		







NOTES:  
 ALL NEW COMBINATION CONCRETE CURB AND GUTTER SHALL BE AS DEEP AS THE ADJACENT PAVEMENT (12" MINIMUM) AND PLACED ON A 12" LAYER OF AGGREGATE SUBGRADE IMPROVMENT. THE AGGREGATE SUBGRADE SHALL EXTEND 1' BEHIND THE BACK OF CURB.

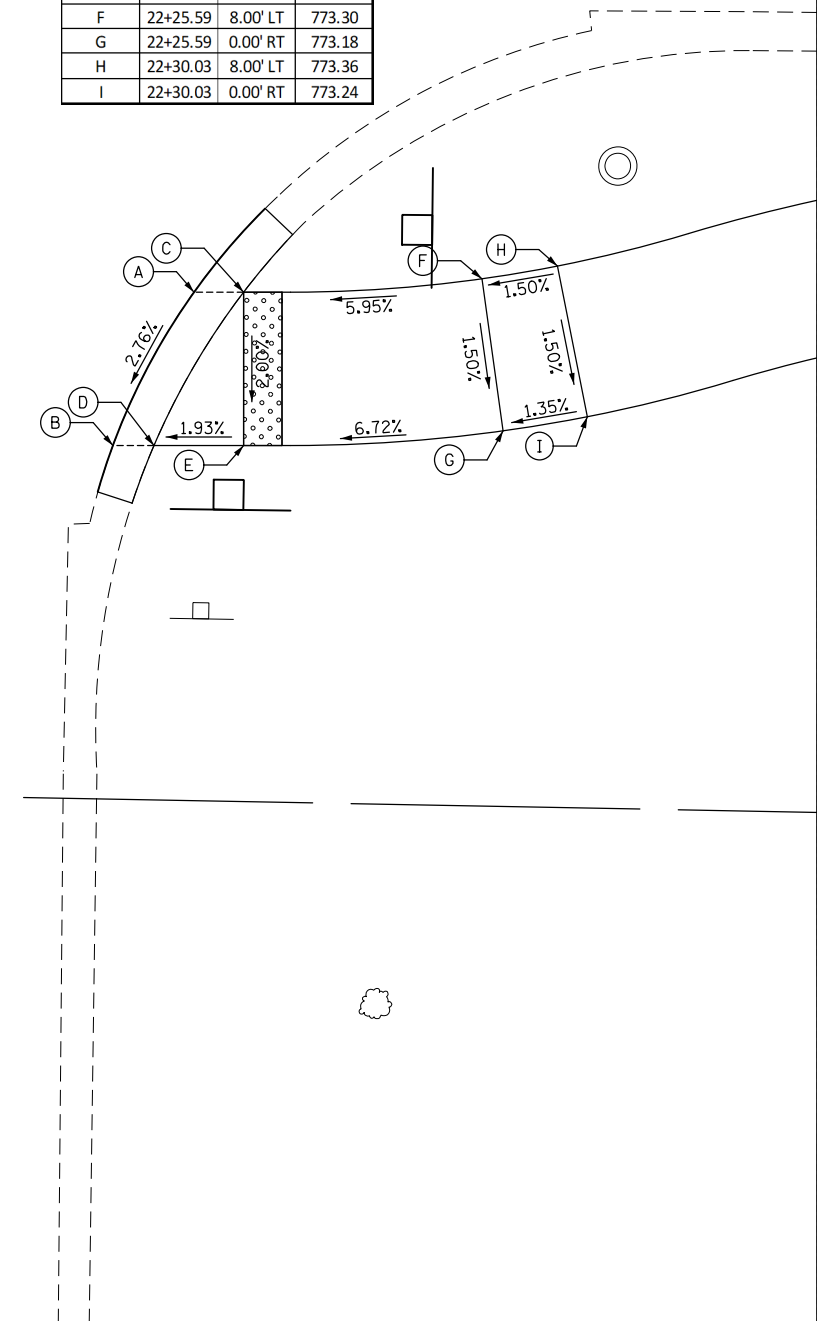
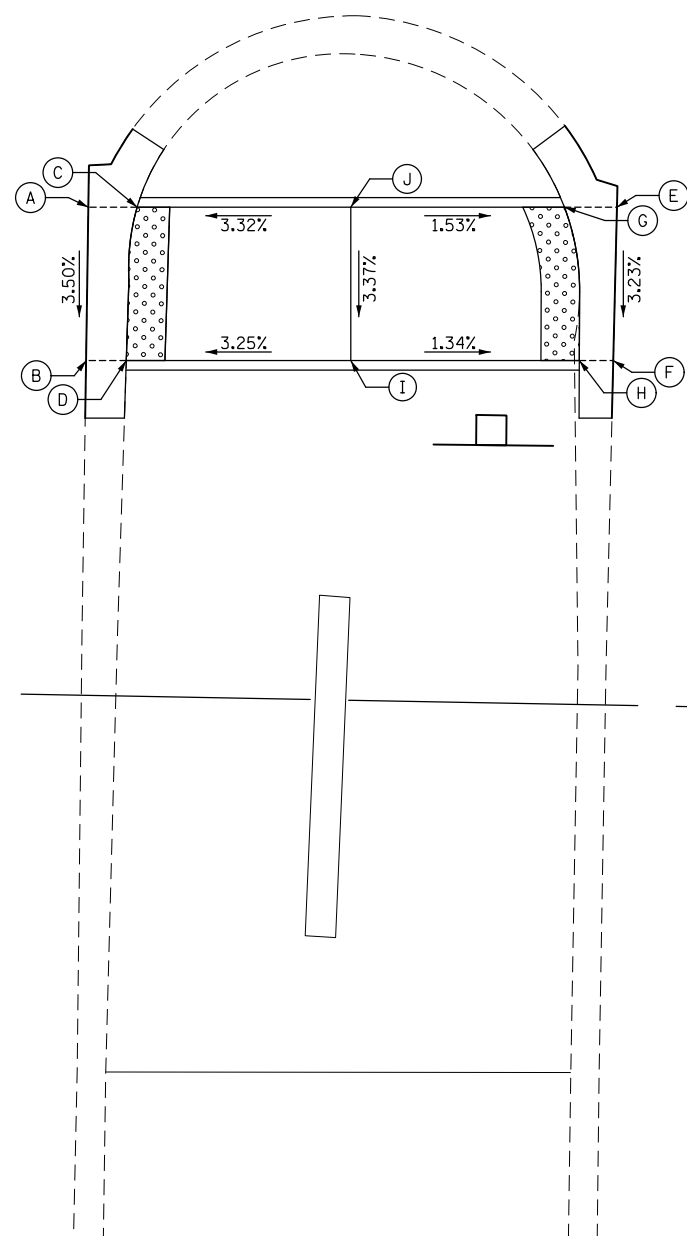
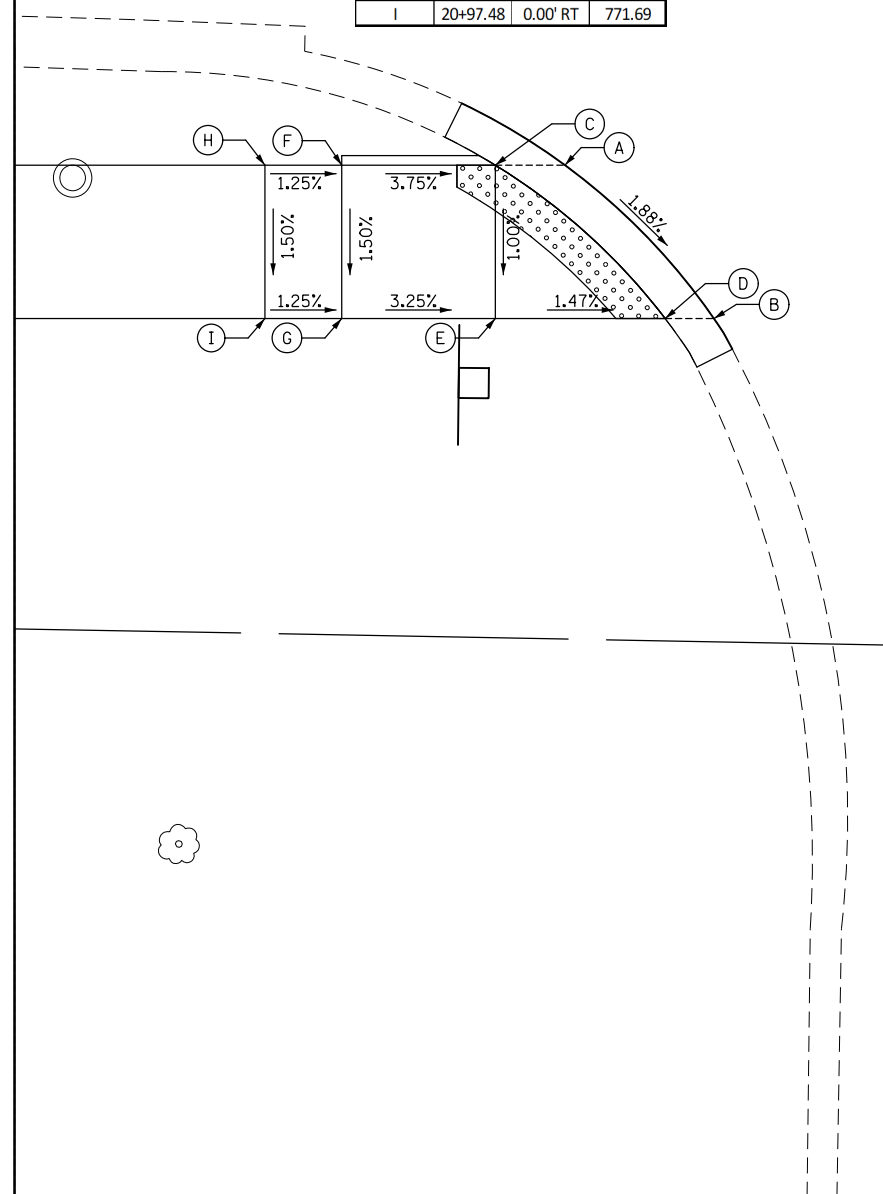
**ROSELLE ROAD**

POINT	STA	OFFSET	ELEV
A	21+13.11	8.00' LT	771.43
B	21+20.88	0.00' RT	771.22
C	21+09.48	8.00' LT	771.46
D	21+18.34	0.00' RT	771.25
E	21+09.48	0.00' RT	771.38
F	21+01.48	8.00' LT	771.76
G	21+01.48	0.00' RT	771.64
H	20+97.48	8.00' LT	771.81
I	20+97.48	0.00' RT	771.69

POINT	STA	OFFSET	ELEV
A	21+52.88	8.00' LT	771.74
B	21+52.77	0.00' RT	771.46
C	21+55.43	8.00' LT	771.74
D	21+54.87	0.00' RT	771.46
E	21+80.42	8.00' LT	771.94
F	21+80.23	0.00' RT	771.68
G	21+77.68	8.00' LT	771.94
H	21+78.46	0.00' RT	771.68
I	21+66.56	0.00' RT	771.84
J	21+66.56	8.00' LT	772.11

**ROSELLE ROAD**

POINT	STA	OFFSET	ELEV
A	22+09.45	8.00' LT	772.56
B	22+05.22	0.00' RT	772.31
C	22+12.03	8.00' LT	772.56
D	22+07.36	0.00' RT	772.31
E	22+12.03	0.00' RT	772.40
F	22+25.59	8.00' LT	773.30
G	22+25.59	0.00' RT	773.18
H	22+30.03	8.00' LT	773.36
I	22+30.03	0.00' RT	773.24



**DICK KOLZE LANE**

**DICK KOLZE LANE**

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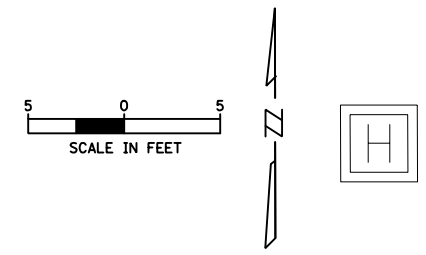
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
 CONSTRUCTION DETAILS - SIDEWALK RAMPS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	33
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

NOTES:  
 1. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE SIDEWALK CONSTRUCTION. THE CONTRACTOR SHALL CONTACT CCDOTH AT 312-603-1730 BEFORE CONSTRUCTION.  
 2. ALL NEW COMBINATION CONCRETE CURB AND GUTTER SHALL BE AS DEEP AS THE ADJACENT PAVEMENT (12" MINIMUM) AND PLACED ON A 12" LAYER OF AGGREGATE SUBGRADE IMPROVMENT. THE AGGREGATE SUBGRADE SHALL EXTEND 1' BEHIND THE BACK OF CURB.

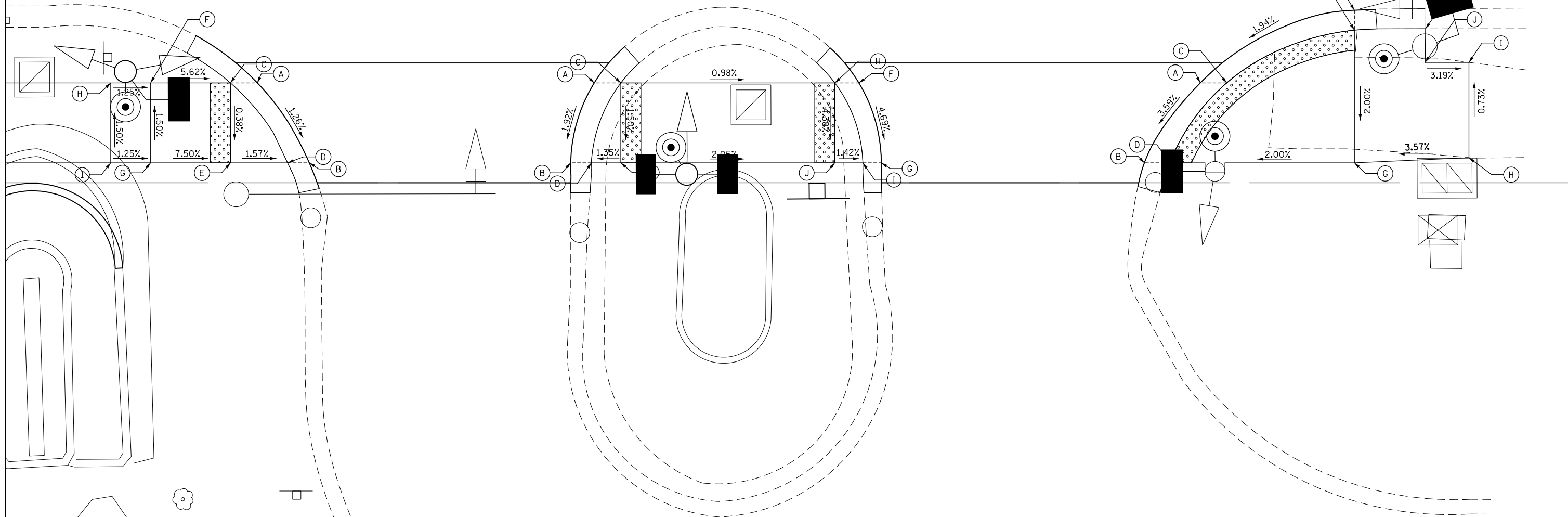


**EUCLID AVE**

POINT	STA	OFFSET	ELEV
A	41+48.59	8.00' LT	766.58
B	41+53.79	0.00' RT	766.46
C	41+45.88	8.00' LT	766.58
D	41+51.61	0.00' RT	766.46
E	41+45.88	0.00' RT	766.55
F	41+37.88	8.00' LT	767.03
G	41+37.88	0.00' RT	767.15
H	41+33.88	8.00' LT	767.08
I	41+33.88	0.00' RT	767.20

POINT	STA	OFFSET	ELEV
A	41+82.34	8.00' LT	766.31
B	41+79.98	0.00' RT	766.15
C	41+85.01	8.00' LT	766.31
D	41+82.05	0.00' RT	766.15
E	41+85.01	0.00' RT	766.19
F	42+08.87	8.00' LT	766.10
G	42+11.11	0.00' RT	765.71
H	42+06.45	8.00' LT	766.10
I	42+09.26	0.00' RT	765.71
J	42+06.45	0.00' RT	765.75

POINT	STA	OFFSET	ELEV
A	42+43.07	8.00' LT	765.83
B	42+37.47	0.00' LT	765.48
C	42+45.72	8.00' LT	765.83
D	42+40.01	0.00' LT	765.50
E	42+58.52	15.28 LT	766.17
F	42+58.52	13.29 LT	766.14
G	42+58.52	0.00' LT	765.87
H	42+70.00	0.51 LT	766.28
I	42+70.00	10.06 LT	766.35
J	42+65.61	10.06 LT	766.49
K	42+65.65	13.43 LT	766.51



**KRIS HOWARD DRIVE**

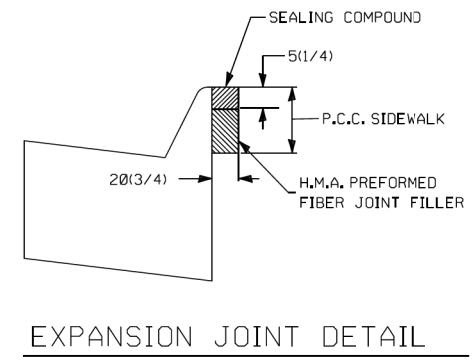
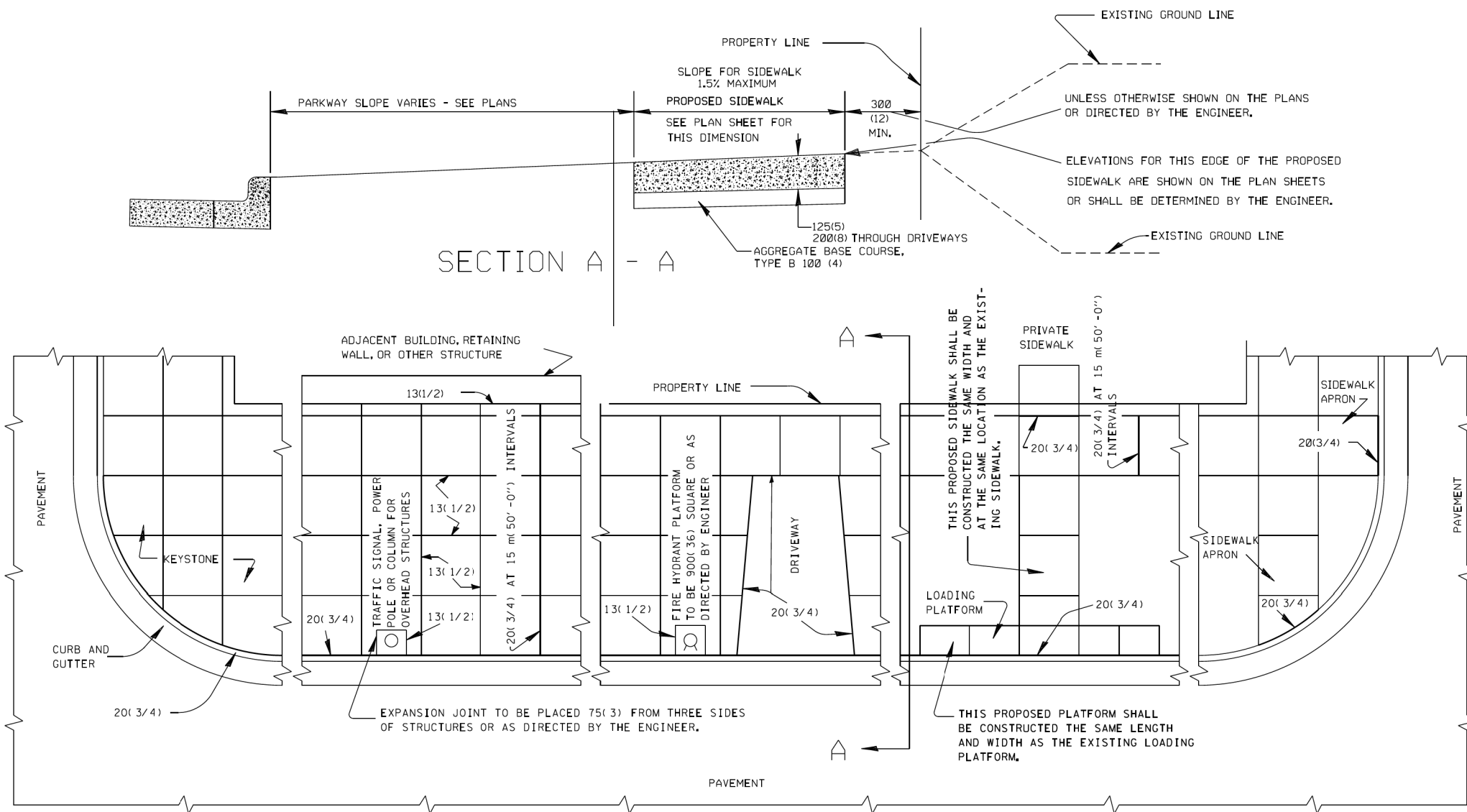
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Default	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH  
CONSTRUCTION DETAILS - SIDEWALK RAMPS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	34
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				



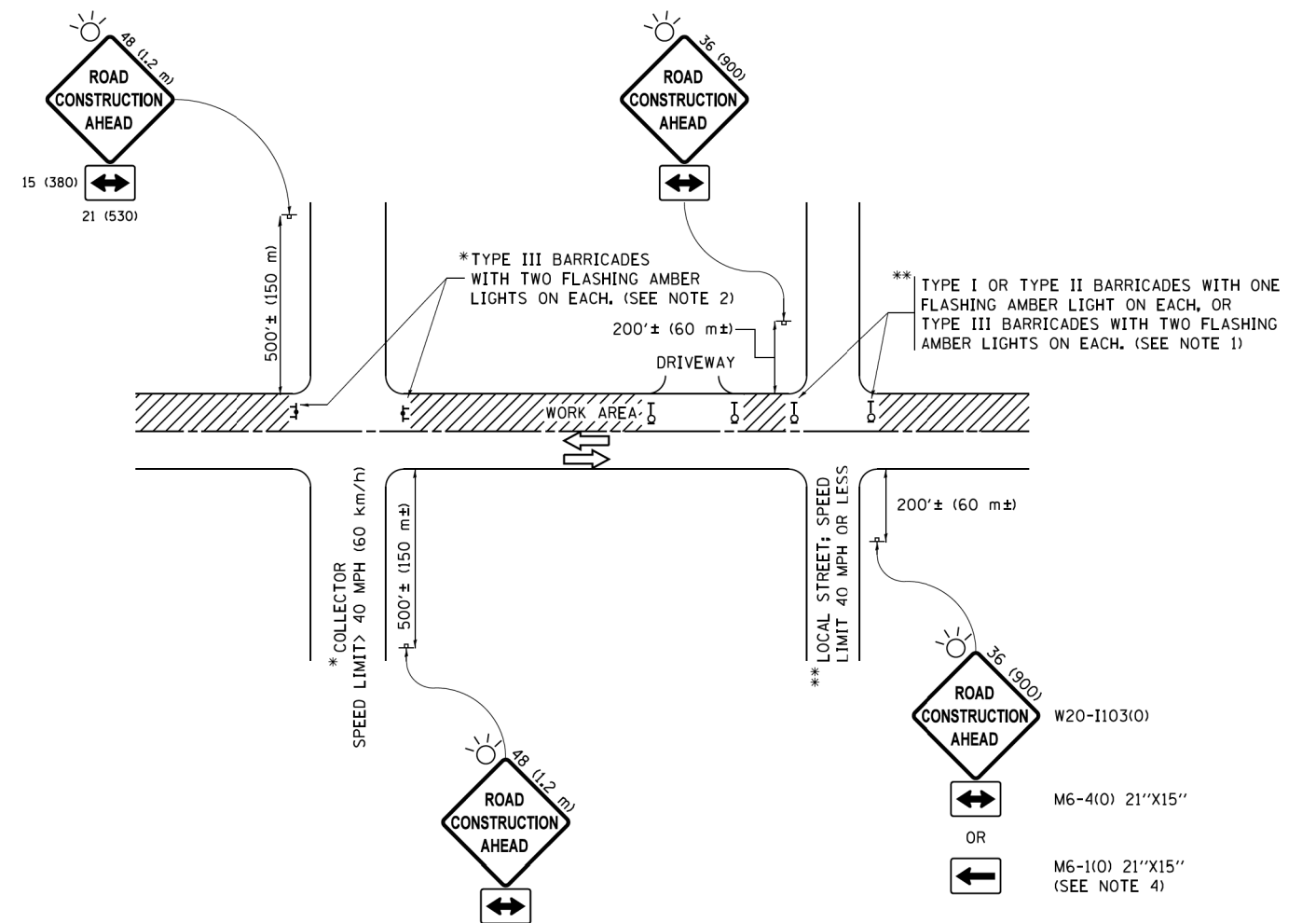
NOTES:  
 ALL DIMENSIONS ARE MILLIMETERS (INCHES)  
 UNLESS OTHERWISE SHOWN.

All Expansion Joints shall conform to the requirements of Section 424.07 of the Standard Specifications for Road and Bridge Construction and shall be included in the contract unit price per Square Meter (foot) for P.C. Concrete Sidewalk of the thickness specified.

**STANDARD C-9**

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAYS: XXX		<b>COUNTY OF COOK</b> DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: NA	REVISIONS	DATE	<b>PROJECT NAME</b>  <b>COOK COUNTY PCC SIDEWALK CONSTRUCTION (EXPANSION JOINTS) DETAIL</b>	<b>C-1</b> SCALE: NONE SHEET 1
	FISCAL YEAR: XXXX			DRAWN: ALB	REVISED BORDER	01-27-14		
	SECTION: XX-XXXX-XX-XX			CHECKED: ILP	REV. TO ANSI D BORDER, S/W THROUGH DRIVEWAY	02-13-18		

FILE NAME = N:\Palatine\170044.00001\Civil\DET_170044_01.DGN	USER NAME = mthomas	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROSELLE ROAD/EUCLID AVENUE MULTI-USE PATH</b> <b>COOK COUNTY DETAILS</b>	F.A.U. RTE. 2573	SECTION 17-00101-00-BT	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 35
PLOT SCALE = 48"	CHECKED -	REVISED -	SCALE:			SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 61F84		ILLINOIS FED. AID PROJECT	
PLOT DATE = 4/10/2019	DATE - 06/22/07	REVISED -								

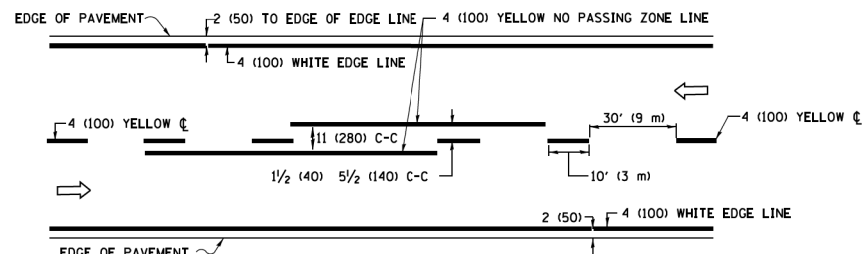


**NOTES:**

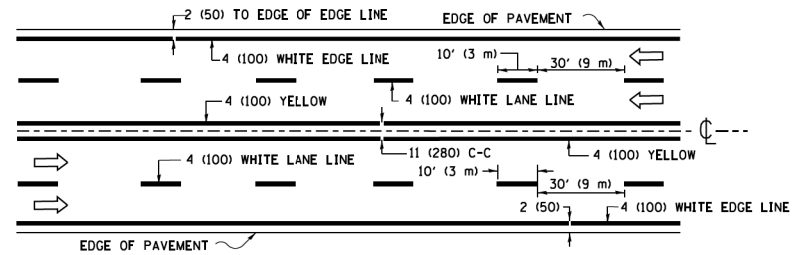
1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

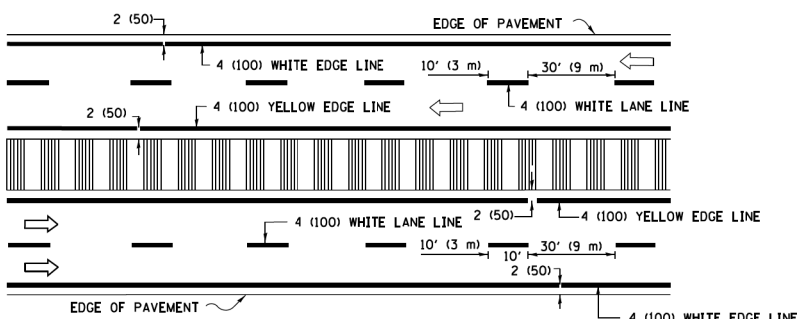
FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\1\1084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\CADD\cadd\cadsheets\to10.dgn		DRAWN	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	2573	17-00101-00-BT	COOK	51 36
Default	PLOT SCALE = 50,000' / 1" =	CHECKED -	REVISED - A. SCHUETZE 07-01-13						<b>TC-10</b>		CONTRACT NO. . 61F84			
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16		ILLINOIS FED. AID PROJECT									



**2-LANE ROADWAY**

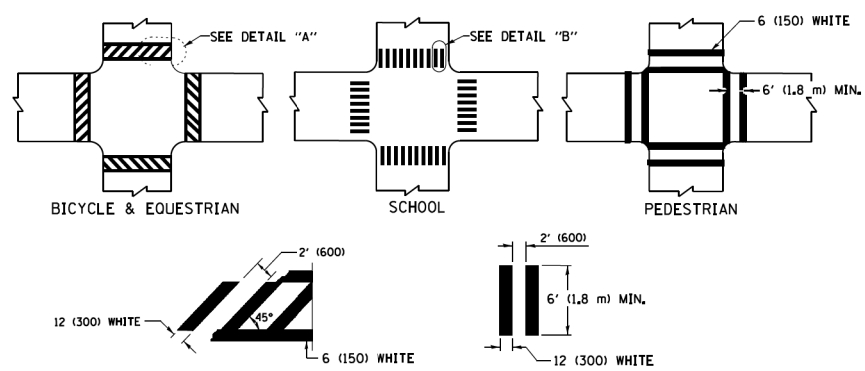


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

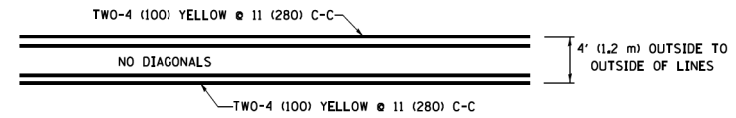


**DETAIL "A"**

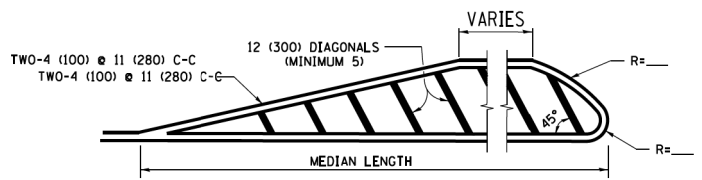
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

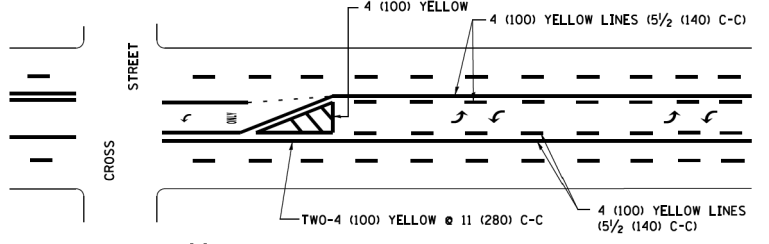


**4' (1.2 m) WIDE MEDIANS ONLY**



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))

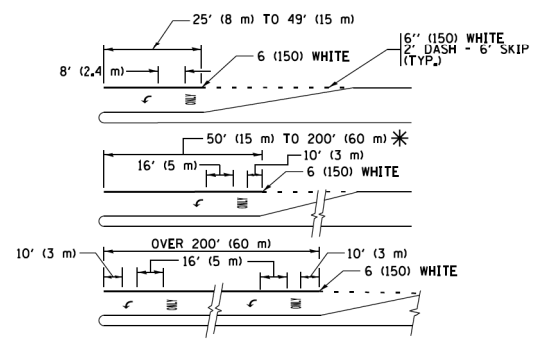
**MEDIANS OVER 4' (1.2 m) WIDE**



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**

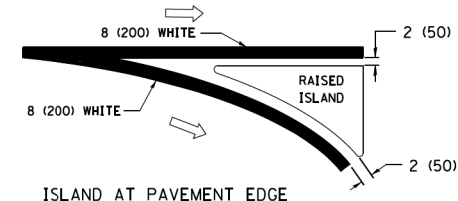
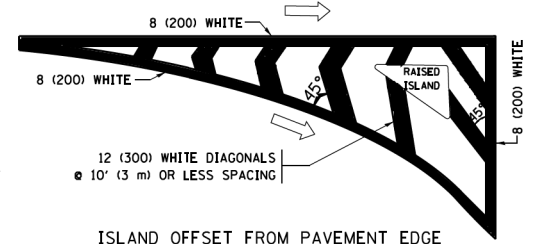


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

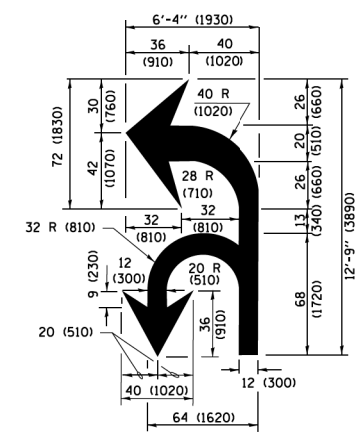
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

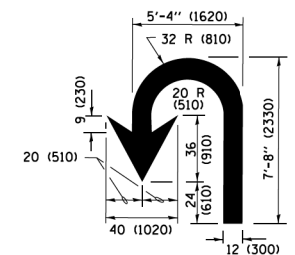
**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE 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 (30 MPH (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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

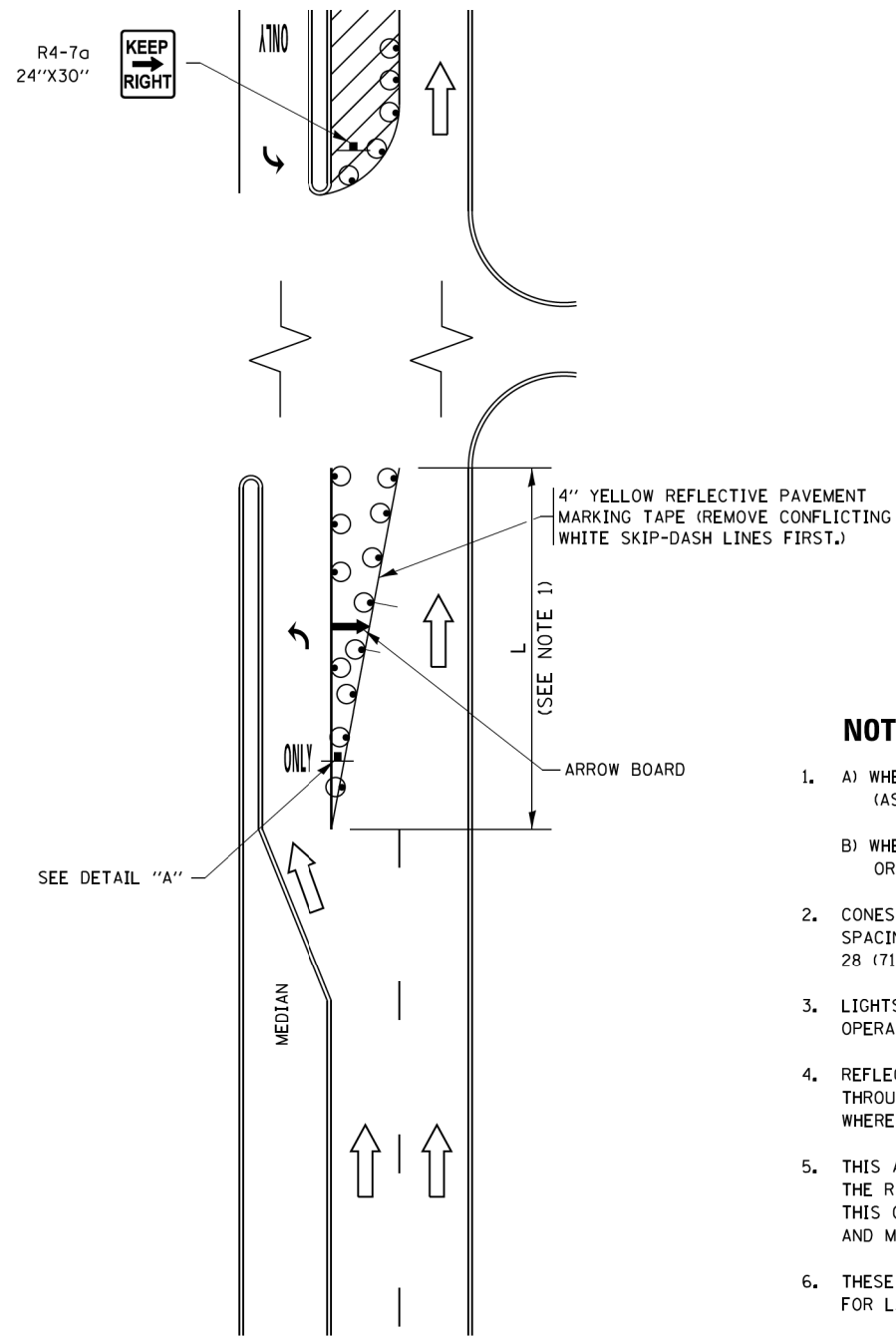
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	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>			
<b>TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

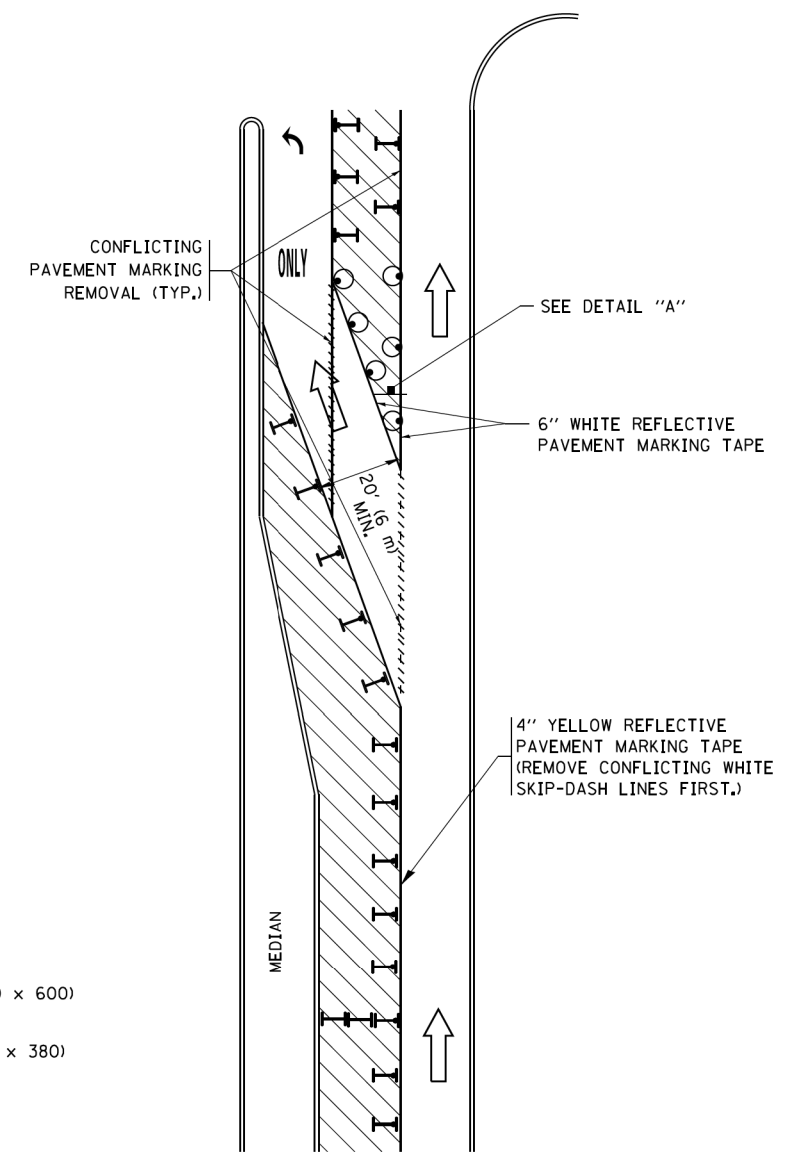
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	37
<b>TC-13</b>		CONTRACT NO. 61F84		
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



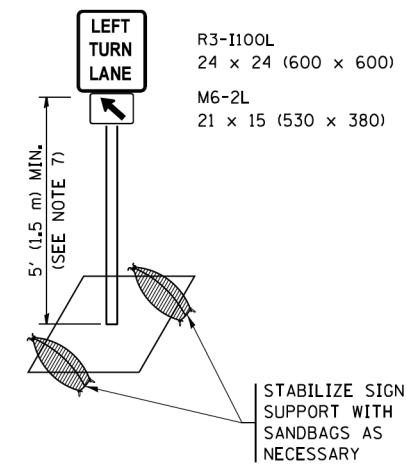
**FIGURE 2**

### LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

### NOTES:

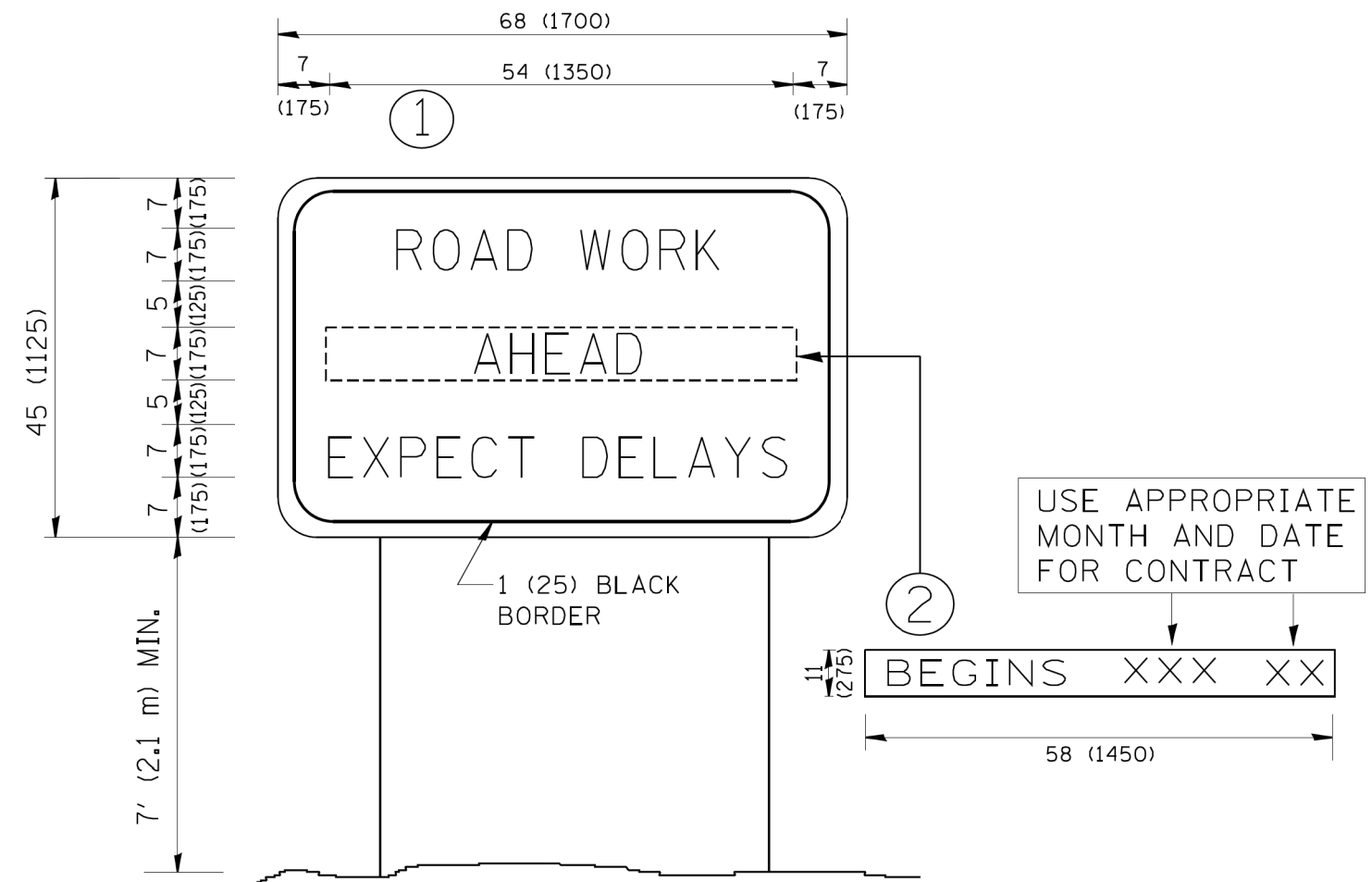
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PRE REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



**DETAIL A**

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

FILE NAME =	USER NAME = footemj	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					2573	17-00101-00-BT	COOK	51	38
		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16					<b>TC-14</b>		CONTRACT NO. 61F84		ILLINOIS FED. AID PROJECT
	PLOT SCALE = 50,0000' / 1m.	REVISED - T. RAMMACHER 01-06-00	REVISED -	SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.				



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

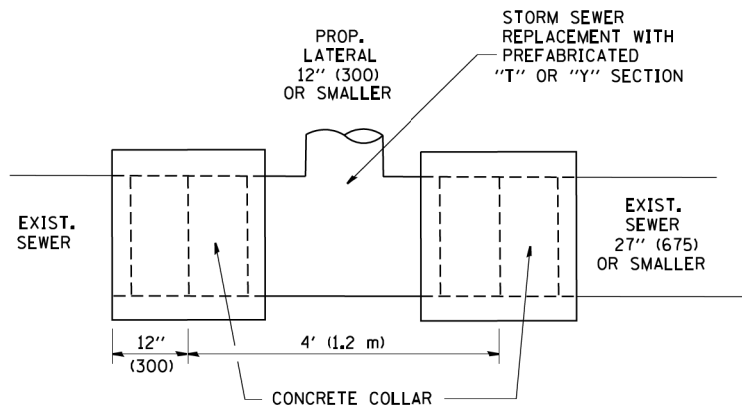
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	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

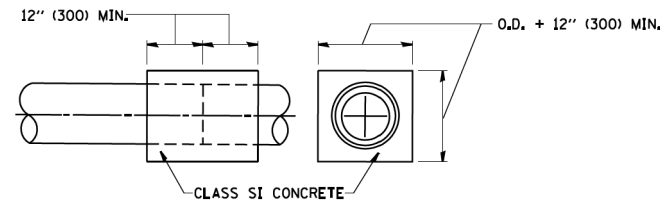
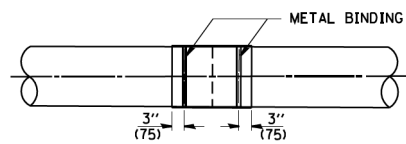
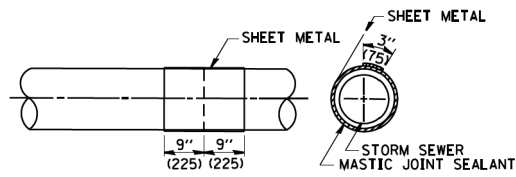
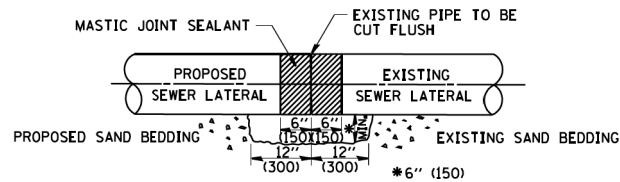
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	39
TC-22		CONTRACT NO. 61F84		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

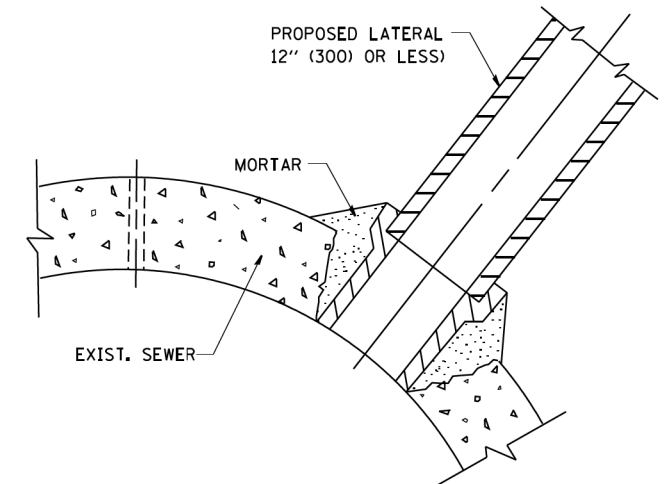


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



**DETAIL "C"**

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER  
CONNECTION TO EXISTING SEWER**

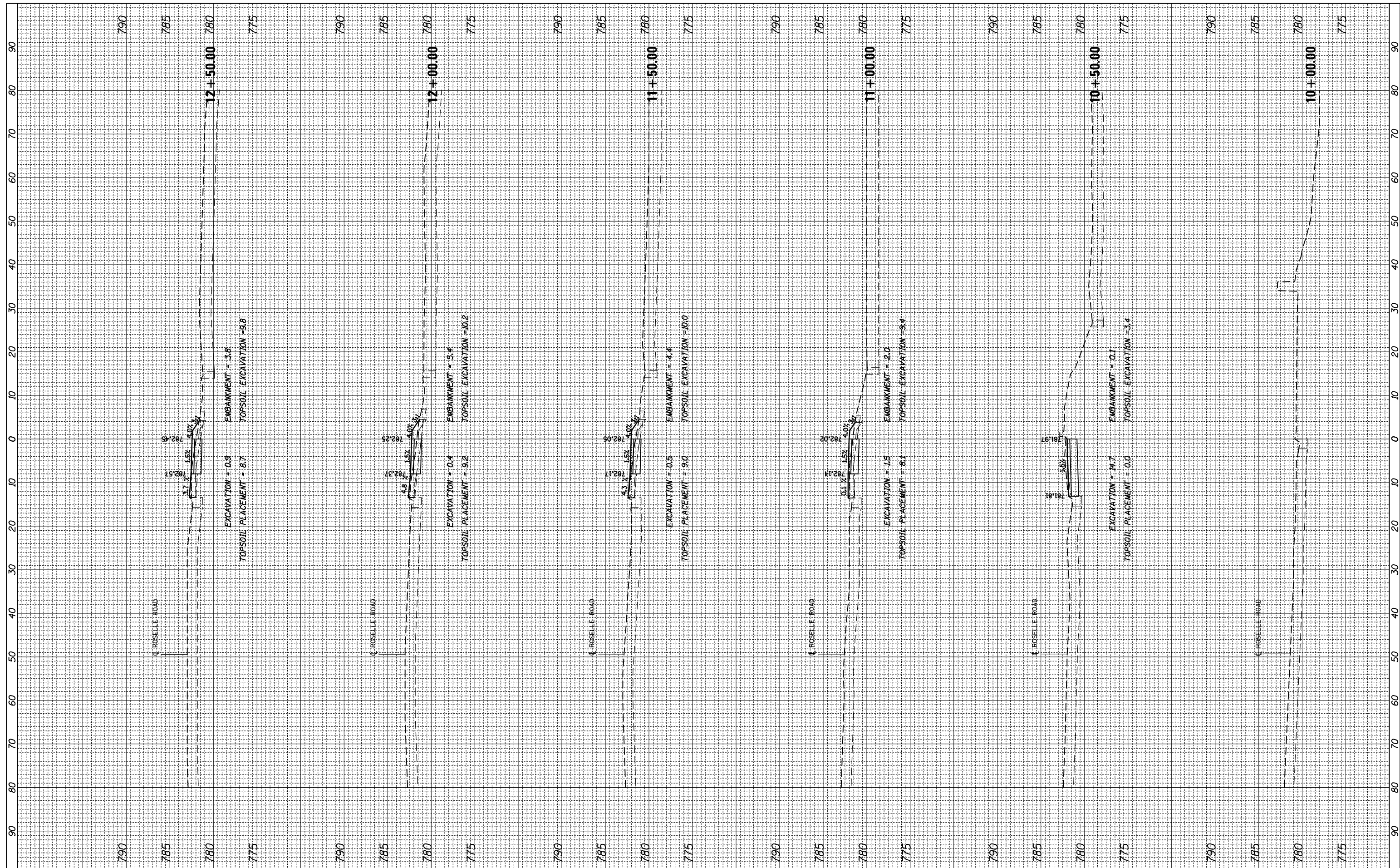
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<b>BD500-01 (BD-7)</b>		CONTRACT NO. 61F84		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT SCALE = 28'  
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DESIGNED	-	REVISED	-
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DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

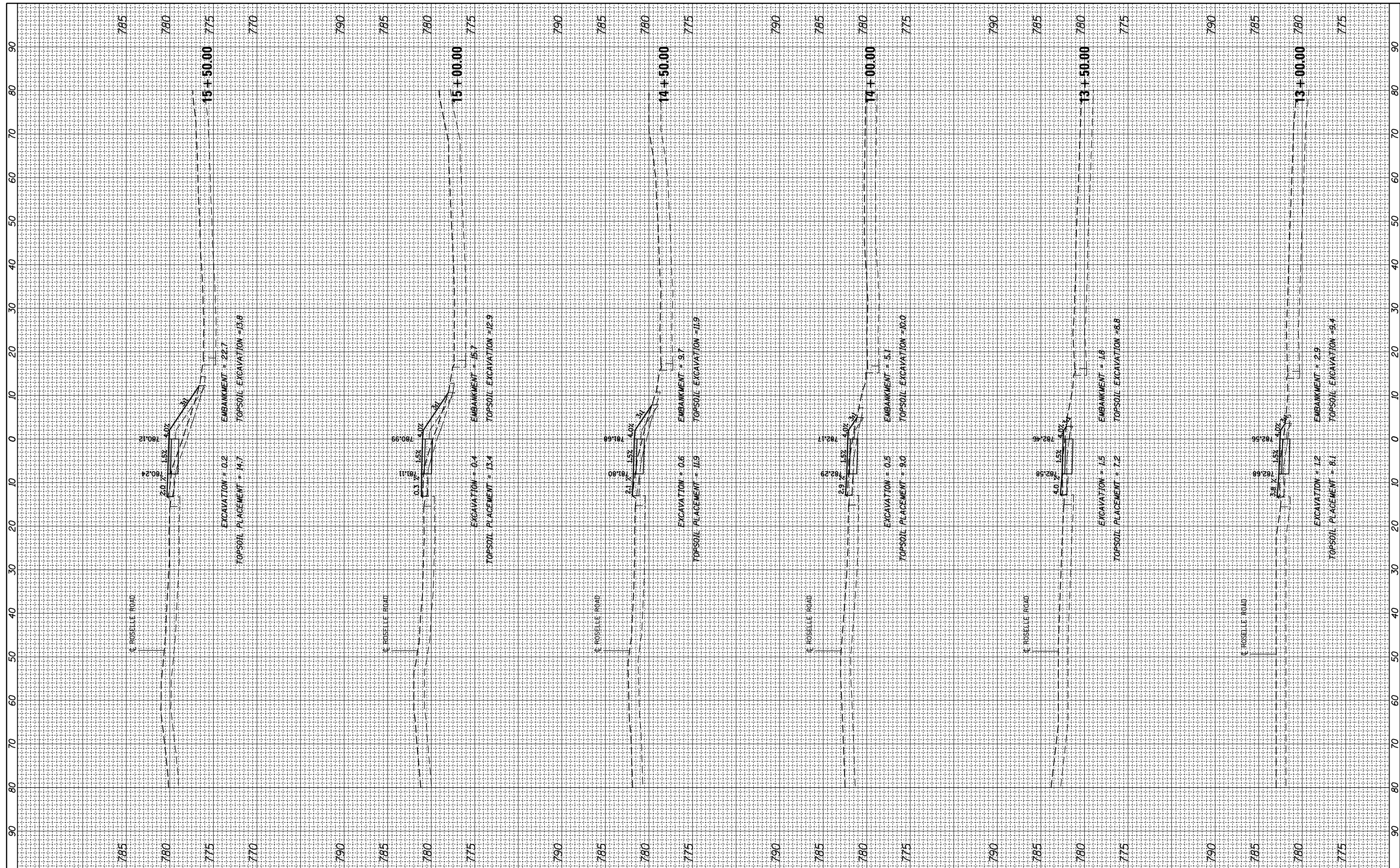
ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
CROSS SECTIONS

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CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

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 PLOT SCALE = 28'  
 PLOT DATE = 4/10/2019

DESIGNED -  
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 CHECKED -  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

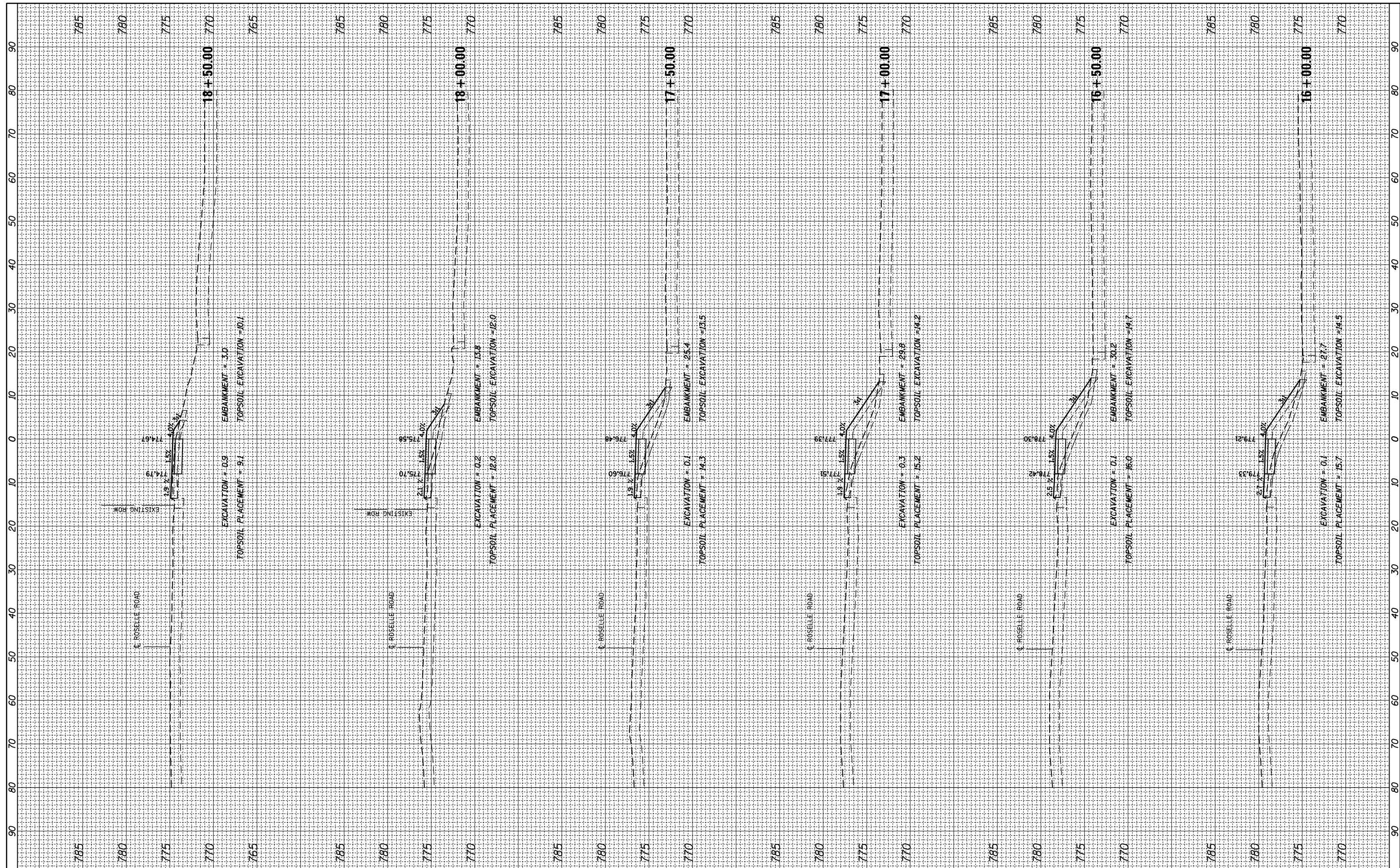
ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 13+00.00 TO STA. 15+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	42
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = N:\Palatine\170044.0000\1\Civil\XPS\_170044.01.DGN  
 USER NAME = mthomas  
 PLOT SCALE = 28'  
 PLOT DATE = 4/10/2019

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

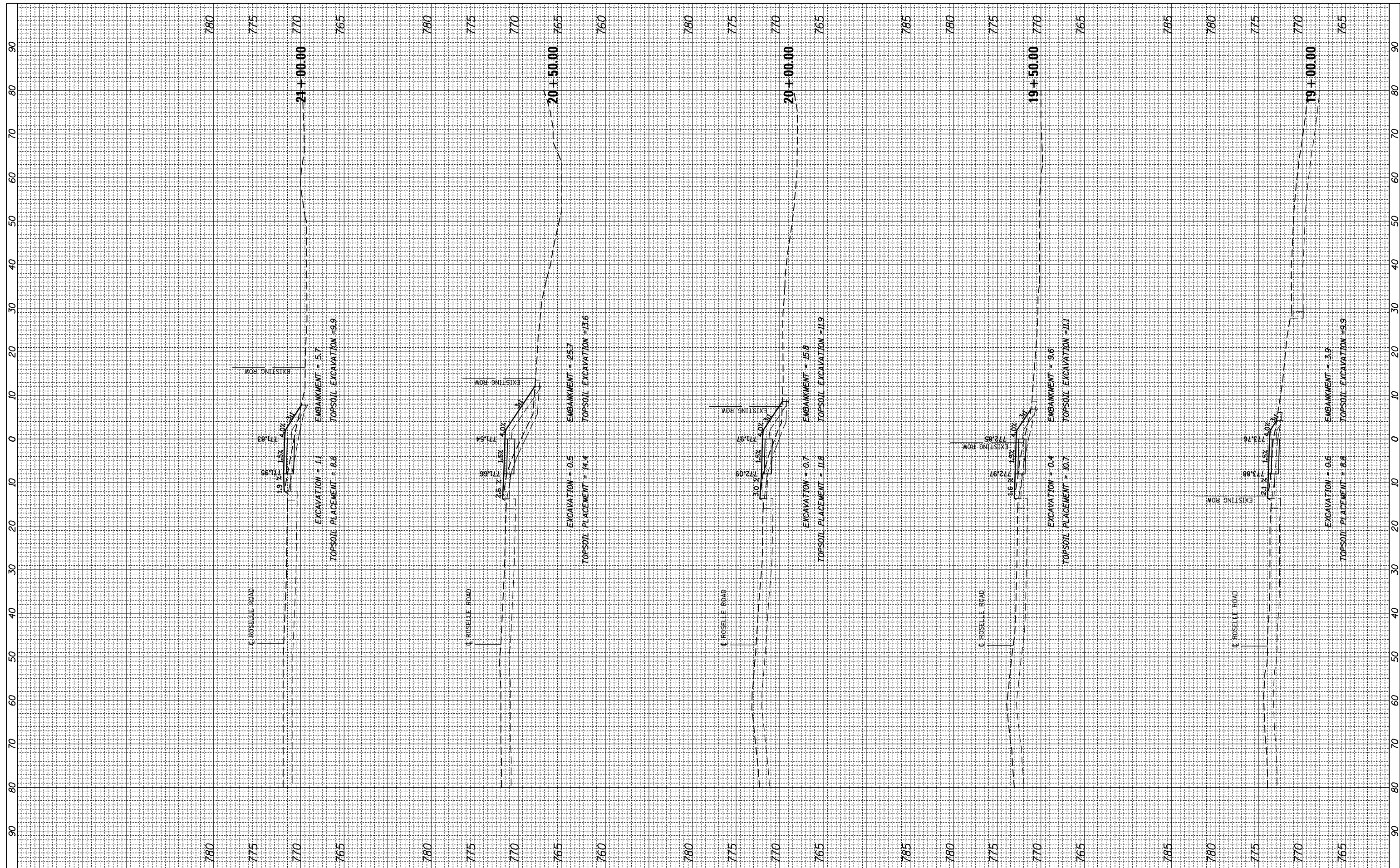
**ROSSELLE ROAD/EUCLID AVE MULTI-USE PATH  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 16+00.00 TO STA. 18+50.00

F.A.U. RTE. 2573	SECTION 17-00101-00-BT	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 43
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 USER NAME = mthomas  
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 PLOT DATE = 4/10/2019

DESIGNED	-	REVISED	-
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CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

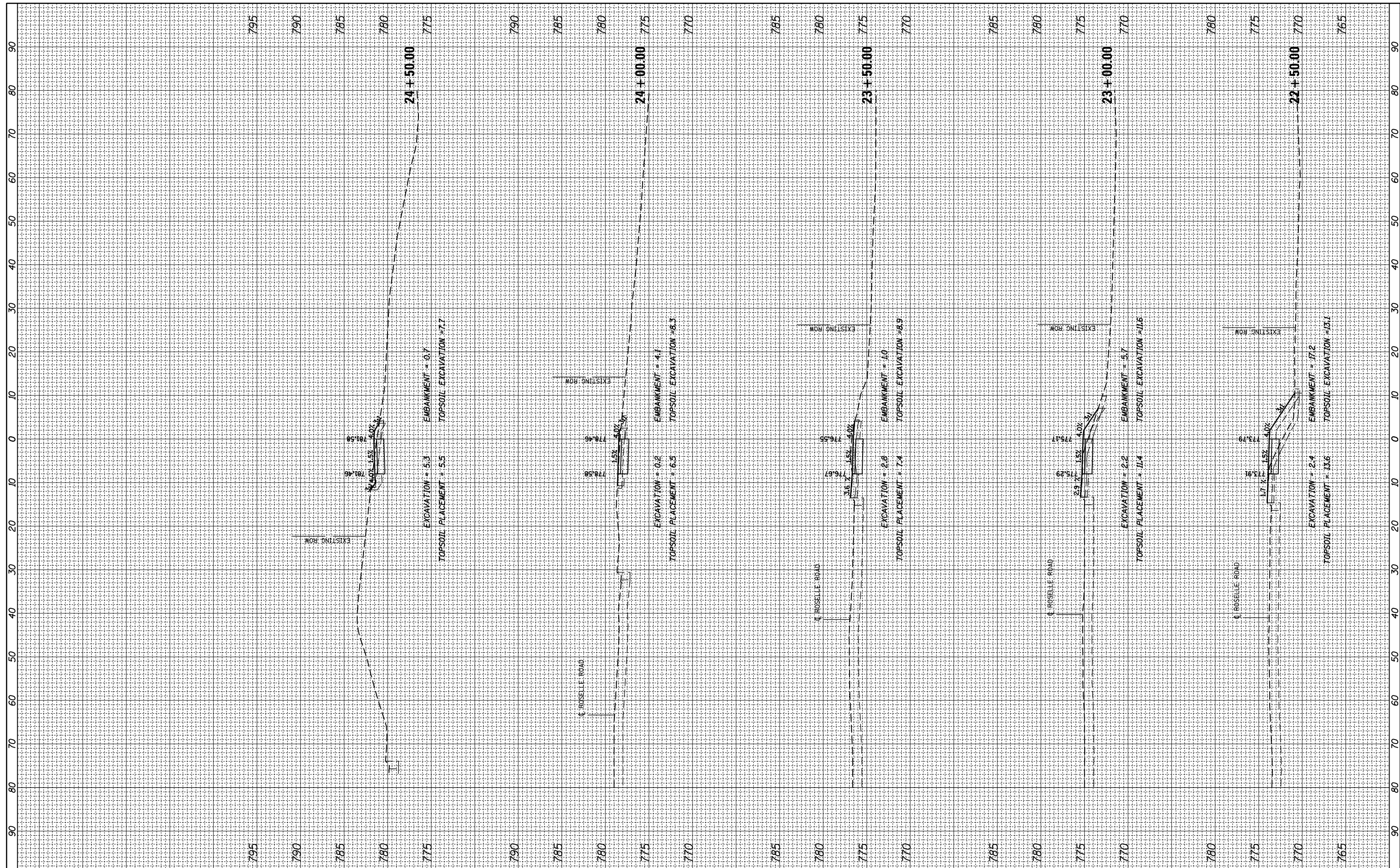
**ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 19+00.00 TO STA. 21+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	44
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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 USER NAME = mthomas  
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 PLOT DATE = 4/10/2019

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

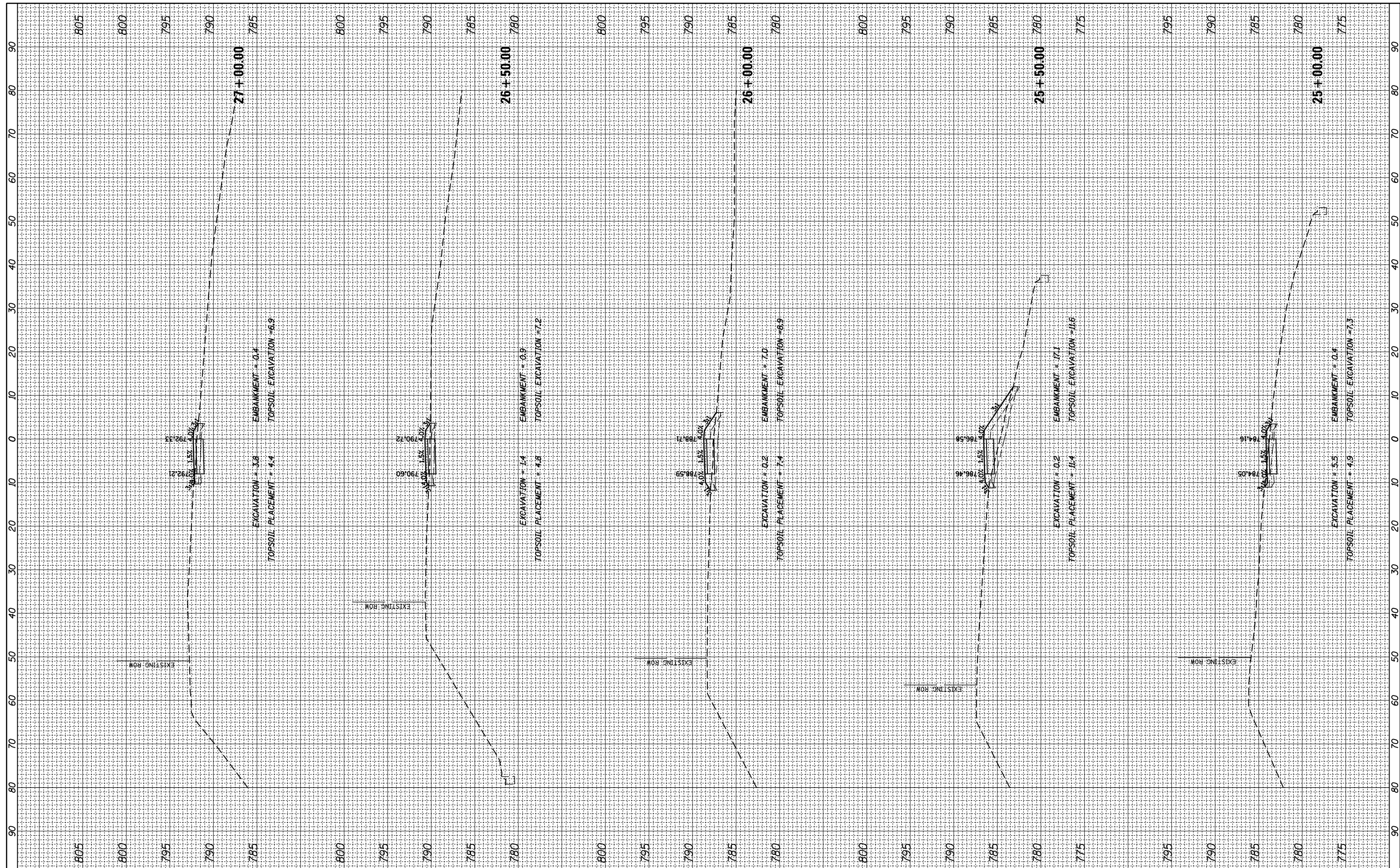
ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 22+50.00 TO STA. 24+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	45
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		



FILE NAME = N:\Palatine\170044.0000\Civil\XPS\_170044.01.DGN  
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CHECKED -	REVISED -
DATE -	REVISED -

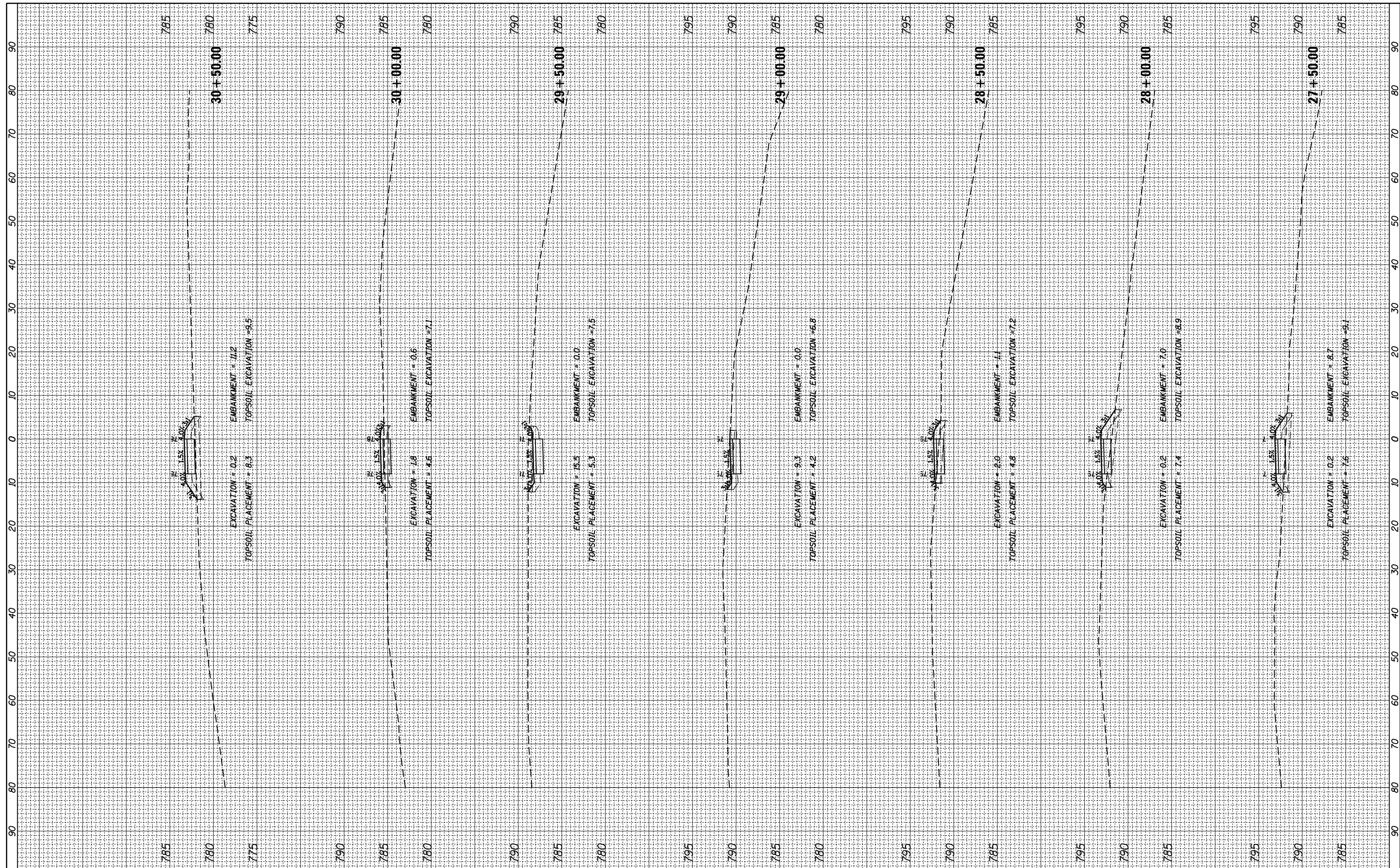
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
CROSS SECTIONS**  
 SCALE: SHEET OF SHEETS STA. 25+00.00 TO STA. 27+00.00

F.A.U. RTE. 2573	SECTION 17-00101-00-BT	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 46
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	NOTE BOOK		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	NOTE BOOK		
	TEMPLATE		
	AREAS CHECKED		



FILE NAME = N:\Palatine\170044.0000\Civil\XPS\_170044.01.DGN  
 PLOT SCALE = 28'  
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USER NAME = mthomas  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

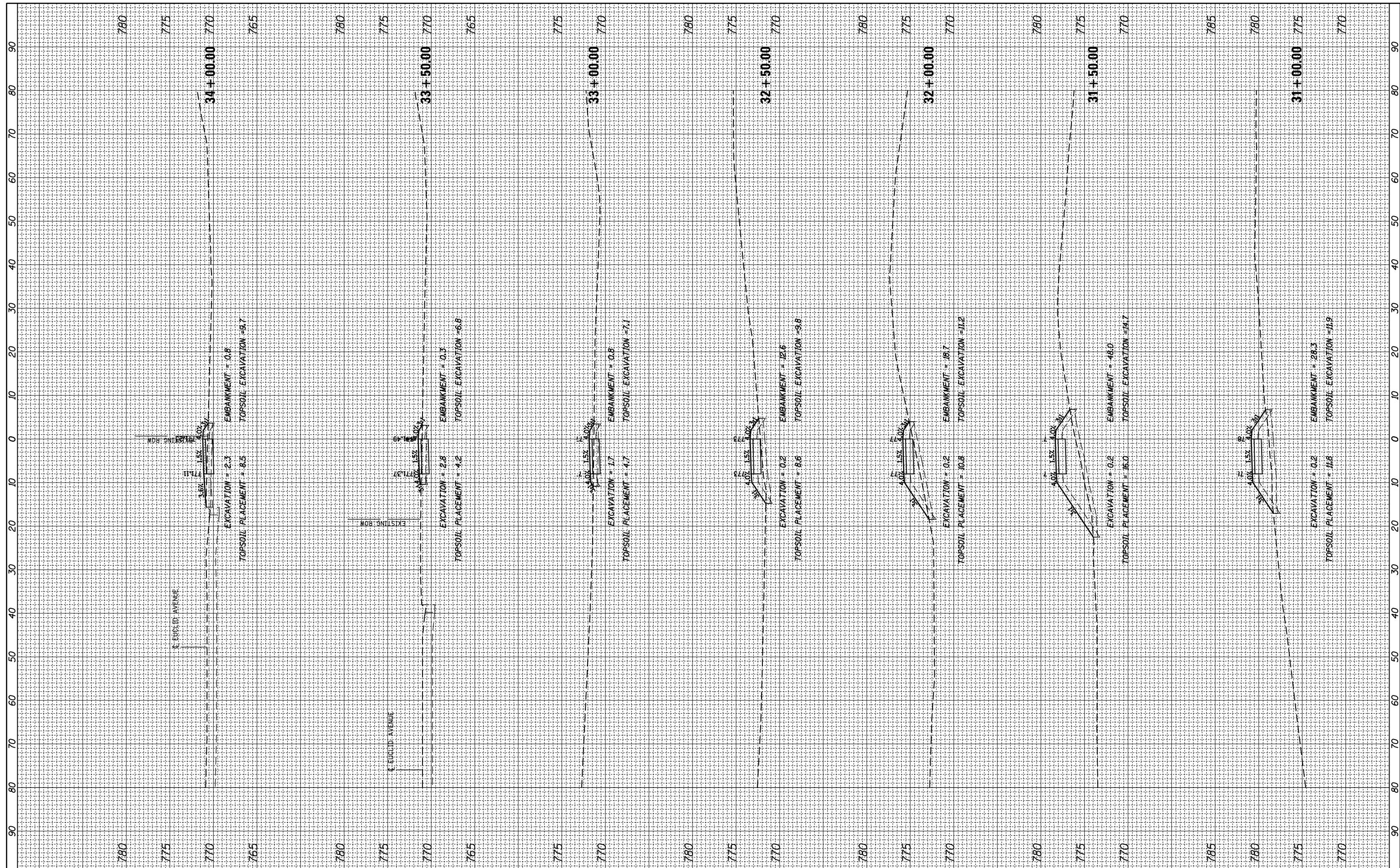
**ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 27+50.00 TO STA. 30+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	47
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		



FILE NAME = N:\Palatine\170044.0000\Civil\XPS\_170044.01.DGN  
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 PLOT DATE = 4/10/2019

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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 31+00.00 TO STA. 34+00.00

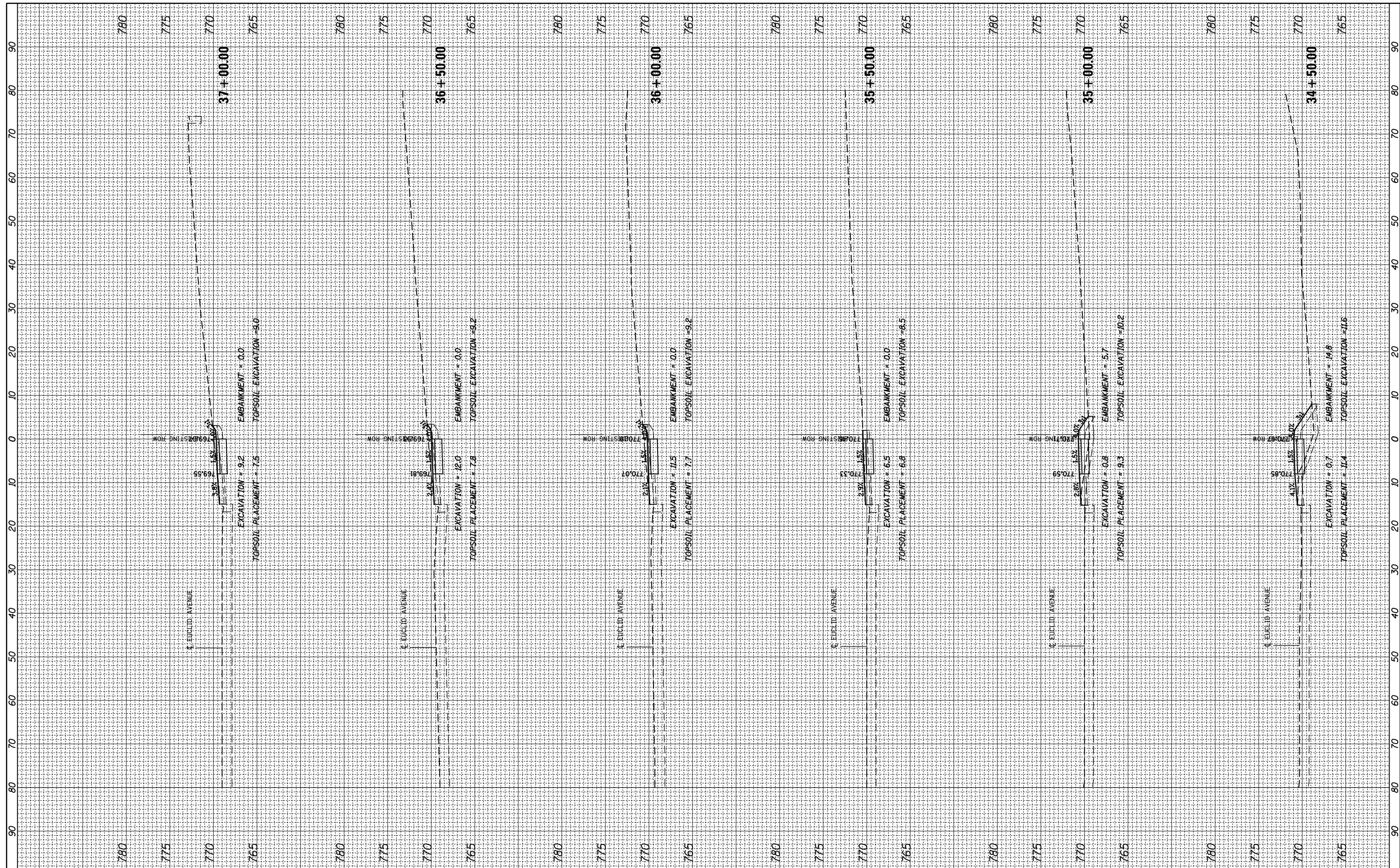
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	48
CONTRACT NO. 61F84				

ILLINOIS FED. AID PROJECT



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 USER NAME = mthomas  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

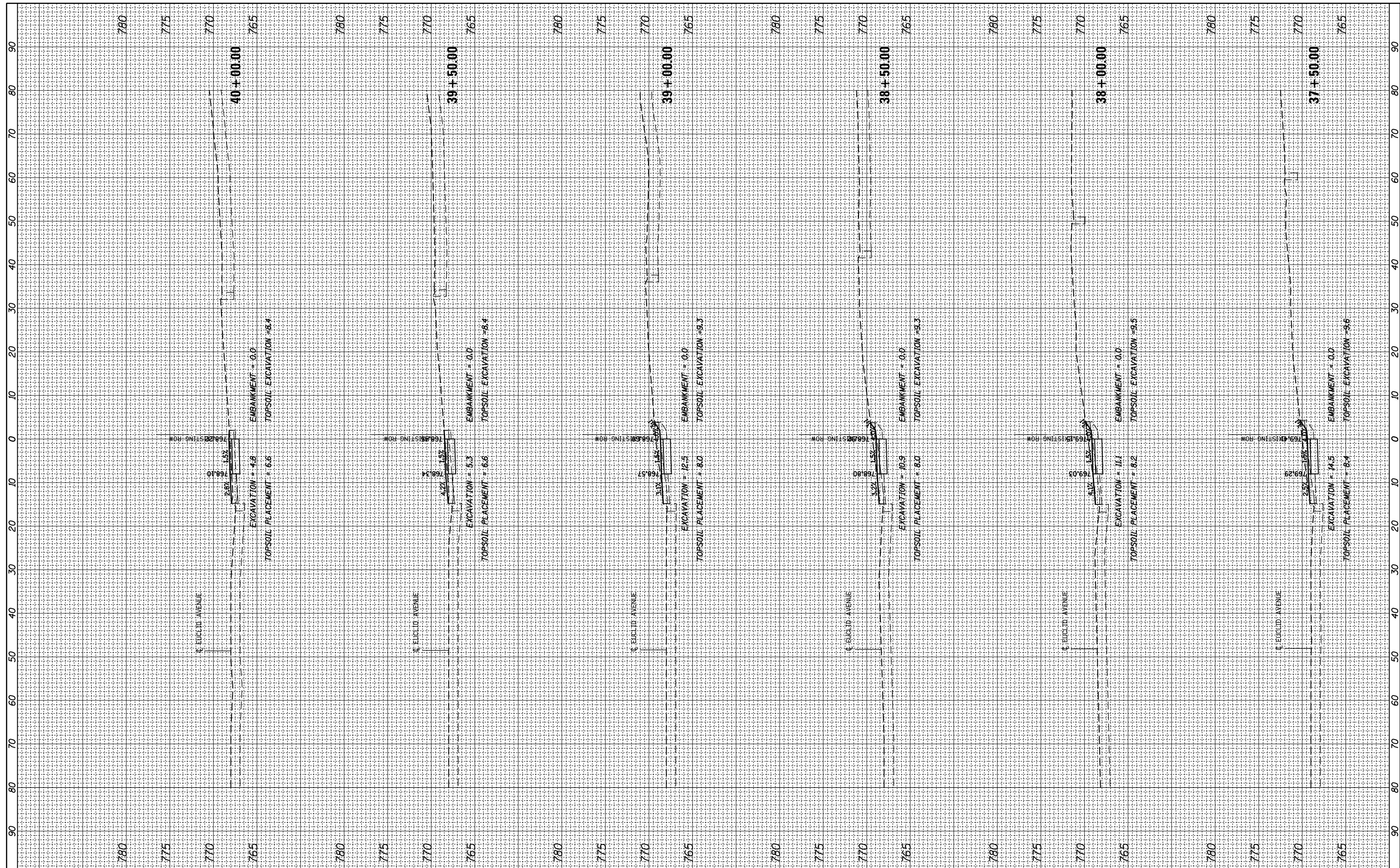
**ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 34+50.00 TO STA. 37+00.00

F.A.U. RTE. 2573	SECTION 17-00101-00-BT	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 49
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

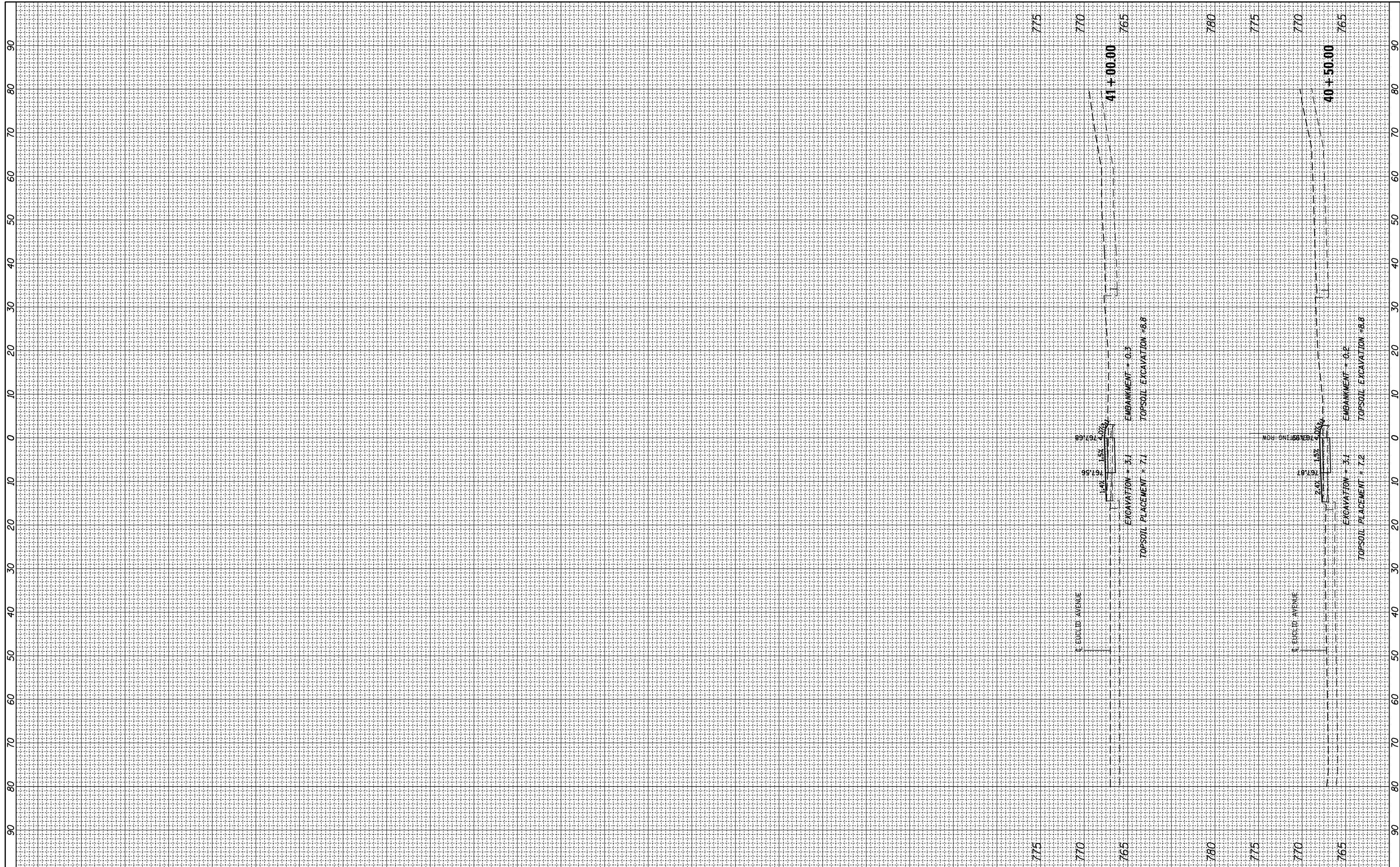
**ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 37+50.00 TO STA. 40+00.00

F.A.U. RTE. 2573	SECTION 17-00101-00-BT	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 50
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	NOTE BOOK		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	NOTE BOOK		
	TEMPLATE		
	AREAS CHECKED		



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 DATE -

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROSELLE ROAD/EUCLID AVE MULTI-USE PATH  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 40+50.00 TO STA. 41+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2573	17-00101-00-BT	COOK	51	51
CONTRACT NO. 61F84				
ILLINOIS FED. AID PROJECT				