

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

04-27-2018 LETTING, ITEM 202

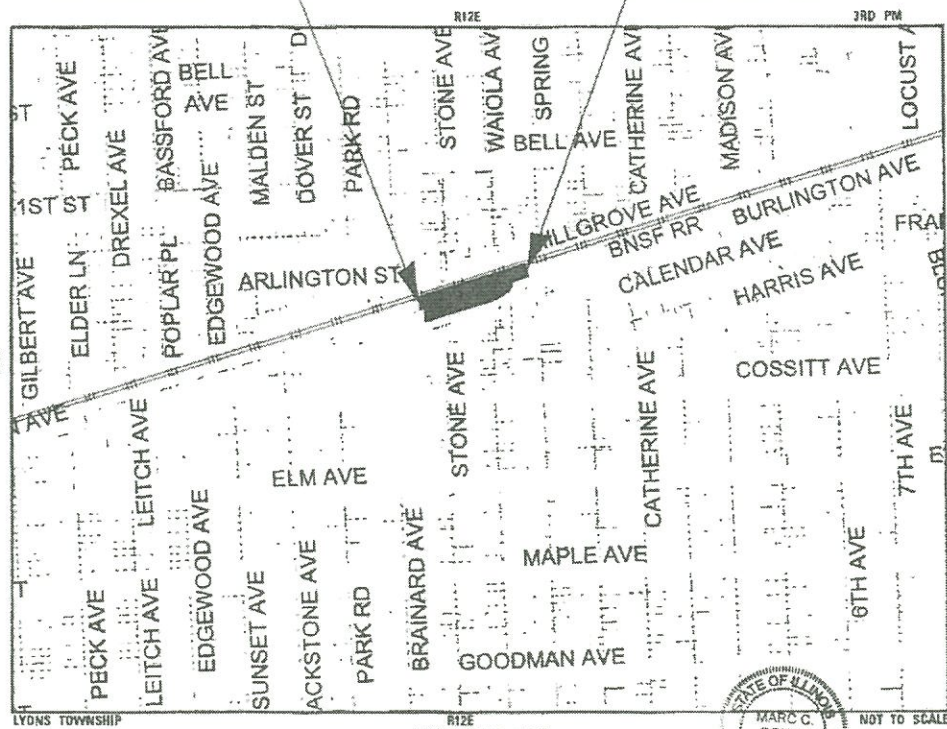
DESIGN DESIGNATION
OFF SYSTEM

SPEED LIMIT
HILLGROVE AVENUE: 30 MPH
BURLINGTON AVENUE: 25 MPH

TRAFFIC DATA
HILLGROVE AVENUE
2014 ADT - 3100 VPD
BURLINGTON AVENUE
2014 ADT - 2200 VPD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
MUN 2070C (STONE AVENUE STATION)
AT BURLINGTON AVENUE
SIDEWALKS, PARKING, AND LIGHTING
SECTION: 14-00089-00-SW
PROJECT: DAXS(700)
VILLAGE OF LA GRANGE
COOK COUNTY

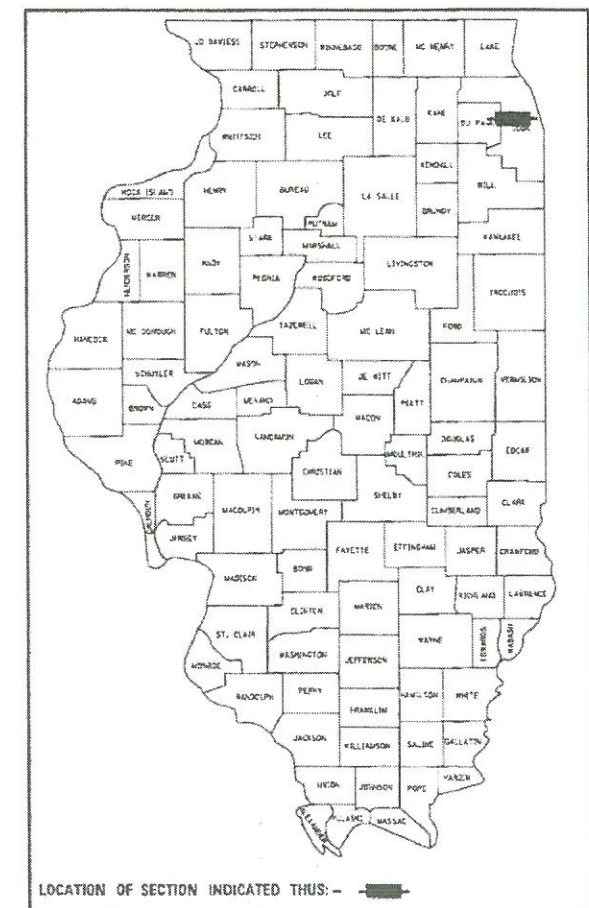
BEGIN PROJECT STA 100+23
END PROJECT STA 108+09



GROSS LENGTH = 786 FT. (0.149 MILE)
NET LENGTH = 786 FT. (0.149 MILE)

BAXTER & WOODMAN
Consulting Engineers

SHEETS	SECTION	COUNTY	TOTAL SHEETS
2070C	14-00089-00-SW	COOK	58
DAXS(700)	ILLINOIS	CONTRACT NO. 61E45	



ADAM STEC
081-006888
LICENSED STRUCTURAL ENGINEER
OF
STATE OF ILLINOIS
SHEET 39
LICENSE EXPIRES 11-30-18

J. DAVID HAN D. MILLER
62-68853
LICENSED PROFESSIONAL ENGINEER
OF
STATE OF ILLINOIS
PROJECT ENGINEER
LICENSE EXPIRES 11-30-2018

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED January 16, 2018
Ryan Gilligrew
VILLAGE OF LA GRANGE

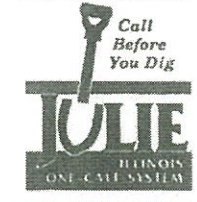
PASSED JANUARY 24, 2018
Carl Christopher Hart
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW JANUARY 24, 2018
Anthony J. Quigley, P.E.
REGIONAL ENGINEER

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OF THE STATE OF ILLINOIS

B&W PROJECT NO.: 140184 DATE: 01-15-18

5/15/2018 10:00 AM
BUREAU OF LOCAL ROADS AND STREETS: CHARLES F. RIDDLE, PE (847) 705-4405, SCHAUMBURG, IL



CONTACT JULIE AT 811 OR 800-892-0123
WITH THE FOLLOWING:
COUNTY = COOK
CITY-TOWNSHIP = LA GRANGE - LYONS
SEC. & 1/4 SEC. NO. = NW 1/4 SEC. 4, NE 1/4 SEC. 5
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61E45

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- THE LOCATIONS OF PUBLIC AND PRIVATE UTILITIES SHOWN ON THE PLANS REPRESENTS ONLY THE OPINION OF THE VILLAGE AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER AND THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ALL UTILITIES AND FIBER OPTIC LOCATIONS SHALL BE VERIFIED WITH JULIE AND BNSF RAILROAD.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADVANCED NOTICE OF CONSTRUCTION TO COMMUTERS AT LEAST ONE (1) WEEK PRIOR TO START OF CONSTRUCTION. METRA, BNSF, AND THE VILLAGE SHALL BE NOTIFIED FOR ANY ADDITIONAL NOTIFICATION TO THE PUBLIC.
- THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
- THE DAY'S PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ALL COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
- IN AREAS WHERE THE EXISTING SIDEWALK OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED.
- DURING CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO LIMIT ON-STREET PARKING TO COMPLETE CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE MUNICIPALITY A MINIMUM OF 48 HOURS IN ADVANCE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE ADVANCE SIGNS TO ALERT RESIDENTS AND COMMUTERS OF THE CONSTRUCTION WORK. THE PLACEMENT OF THESE SIGNS SHALL TAKE PLACE 48 HOURS IN ADVANCE IN ORDER TO ALLOW SUFFICIENT TIME FOR RESIDENTS AND GENERAL PUBLIC TO REVISE THEIR PARKING PATTERNS. PLANS OF CONTRACTOR TEMPORARY PARKING SHALL BE PRODUCED, REVIEWED AND APPROVED BY THE VILLAGE AND SHALL BE POSTED FOR THE PUBLIC TO SEE AND ADJUST THEIR PARKING PATTERNS OR HABITS.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE BNSF RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMAN EMPLOYED AND DESIGNATED BY THE BNSF RAILROAD TO MONITOR ONCOMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- CONTRACTOR SHALL SCHEDULE A RAILROAD FLAGGER A MINIMUM OF 48 HOURS IN ADVANCE.
- IF RAILROAD FLAGGER WAS RESERVED AND THE CONTRACTOR DOES NOT USE OR CANCEL THE RESERVATION AT LEAST 24 HOURS IN ADVANCE; THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SERVICE FEE.
- CONTRACTOR MUST COMPLETE THE EXHIBIT "C-1" "RIGHT OF ENTRY PERMIT". IT MUST BE APPROVED BEFORE STARTING CONSTRUCTION.
- CONTRACTOR SHALL TAKE THE CONTRACTOR ORIENTATION COURSE AT WWW.BNSFCONTRACTOR.COM AND TAKE THE BNSF EXAM. ALL WORKERS ON OR INSIDE RAILROAD ROW SHALL TAKE THE EXAM. E-RAILSAFE ID BADGES SHALL BE WORN AT ALL TIMES WHILE INSIDE THE RAILROAD ROW.
- CONTRACTORS SHALL BE CONFINED IN DESIGNATED AREAS AND SHALL NOT INTERFERE WITH TRAIN OPERATIONS OR COMMUTER'S PEDESTRIAN PATHS.
- SALVAGED LIGHTING UNITS SHALL BE DELIVERED TO LA GRANGE PUBLIC WORKS: 320 EAST AVE, LA GRANGE, IL 60525. CONTRACTOR SHALL SCHEDULE A DELIVERY DATE AND TIME WITH THE VILLAGE PRIOR TO DELIVERY.

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-10 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-07 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT

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BENCHMARKS

BM #7	SOUTHWEST ARROW BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF STONE AVENUE AND HILLGROVE AVENUE ELEV: 643.50 (NAVD88)
BM #2710	SOUTHWEST BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF BURLINGTON AVENUE AND BRAINARD AVENUE ELEV: 646.64 (NAVD88)

COMMITMENTS

NONE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, HIGHWAY STANDARDS AND
INDEX OF SHEETS**

SCALE: NONE STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	2
CONTRACT NO. 61E45				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	ROADSIDE IMPROVEMENTS CMAQ
20101000	TEMPORARY FENCE	FOOT	3,635		3,635
20101200	TREE ROOT PRUNING	EACH	14		14
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2		2
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	19		19
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	30		30
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	30		30
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	30		30
20200100	EARTH EXCAVATION	CU YD	161		161
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	312		312
20400800	FURNISHED EXCAVATION	CU YD	195		195
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,280		2,280
25200100	SODDING	SQ YD	2,280		2,280
25200200	SUPPLEMENTAL WATERING	UNIT	59		59
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50		50
28000510	INLET FILTERS	EACH	5		5

* INDICATES SPECIALTY ITEM
 § INDICATES CONSTRUCTION CODE 0042 TRAINEES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	ROADSIDE IMPROVEMENTS CMAQ
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2,480		2,480
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	430		430
35101620	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,768		1,768
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	300		300
40603050	HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50	TON	101		101
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	52		52
42001300	PROTECTIVE COAT	SQ YD	1,751		1,751
42400290	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14,810		14,810
42400630	DETECTABLE WARNINGS	SQ FT	40		40
44000100	PAVEMENT REMOVAL	SQ YD	1,208		1,208
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	430		430
44000600	SIDEWALK REMOVAL	SQ FT	3,160		3,160
50300225	CONCRETE STRUCTURES	CU YD	42		42
50700105	TREATED TIMBER	FBM	6,000		6,000
50700305	HARDWARE	POUND	256		256

* INDICATES SPECIALTY ITEM
 § INDICATES CONSTRUCTION CODE 0042 TRAINEES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% LOCAL	ROADSIDE IMPROVEMENTS CMAQ
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	16,759		16,759
62200000	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	76		76
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	12		12
00260100	INLETS TO BE ADJUSTED	EACH	1		1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 12	FOOT	270		270
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	32		32
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1.0		1.0
66900530	SOIL DISPOSAL ANALYSIS	EACH	4		4
67100100	MOBILIZATION	L SUM	1.0		1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0		1.0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0		1.0
72000100	SIGN PANEL - TYPE 1	SQ FT	47		47
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	8		8
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	50		50
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	4		4

* INDICATES SPECIALTY ITEM
 § INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	3
CONTRACT NO. 61E45				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				80% FED 20% LOCAL ROADSIDE IMPROVEMENTS CMAQ
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	8	8
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	360	360
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	60	60
61028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	25	25
61028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	50	50
61100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	40	40
61100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	30	30
61702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	660	660
61702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	80	80
62500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1	1
63600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	6	6
64200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	3	3
64200804	REMOVAL OF POLE FOUNDATION	EACH	4	4
64400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	1
64500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1

* INDICATES SPECIALTY ITEM
 § INDICATES CONSTRUCTION CODE 0042 TRAINEES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				80% FED 20% LOCAL ROADSIDE IMPROVEMENTS CMAQ
K1005481	SHREDDED BARK MULCH 3"	SQ YD	200	200
Z0003855	BICYCLE RACKS	EACH	12	12
Z0007120	WELDED WIRE FABRIC 6X6	SQ YD	108	108
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	1.0
Z0030350	TEMPORARY INFORMATION SIGNING	SQ FT	90	90
Z0034000	MASONRY STEPS	SQ FT	873	873
Z0036900	PARKING METERS TO BE MOVED	EACH	20	20
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0
S Z0076600	TRAINEES	FOUR	500	500
S Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	FOUR	500	500
X0322024	TRENCH DRAIN	EACH	3	3
X0323648	LIMESTONE MASONRY VENEER	SQ FT	680	660
X0326958	FURNISH AND INSTALL HANDRAIL	FOOT	36	36
X0327147	REMOVE RAILROAD PLATFORM	SQ FT	851	851
X0327758	RELOCATE EXISTING CONDUIT AND CABLES	FOOT	50	50

* INDICATES SPECIALTY ITEM
 § INDICATES CONSTRUCTION CODE 0042 TRAINEES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				80% FED 20% LOCAL ROADSIDE IMPROVEMENTS CMAQ
X0540000	BRICK PAVERS	SQ FT	183	183
X1400202	LUMINAIRE (SPECIAL)	EACH	2	2
X2200D03	FENCE (SPECIAL)	FOOT	288	288
X5051200	FURNISHING AND ERECTING STRUCTURAL STEEL, SPECIAL	L SUM	1.0	1.0
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	12	12
X8062400	CONCRETE GUTTER (SPECIAL)	FOOT	150	150
X7200105	SGN PANEL - TYPE 1 (SPECIAL)	SQ FT	7	7
X8140115	HANDHOLE TO BE ADJUSTED	EACH	2	2
X9360095	EXISTING LIGHT POLE FOUNDATION ADJUSTMENT	EACH	1	1
X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	13	13
X2127902	RETAINING WALL, SPECIAL	SQ FT	180	180
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1.00	1.00
XX007100	LIMESTONE CAP	FOOT	238	238
XX007720	DETECTABLE WARNINGS, SPECIAL	SQ FT	54	54
XX007877	BICYCLE RACKS - FURNISH	EACH	3	3
XX008388	UNDERPINNING EXISTING STRUCTURE	L SUM	1.0	1.0
XX009226	ROOFING SYSTEM	SQ FT	1,161	1,161

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 § INDICATES CONSTRUCTION CODE 0042 TRAINEES

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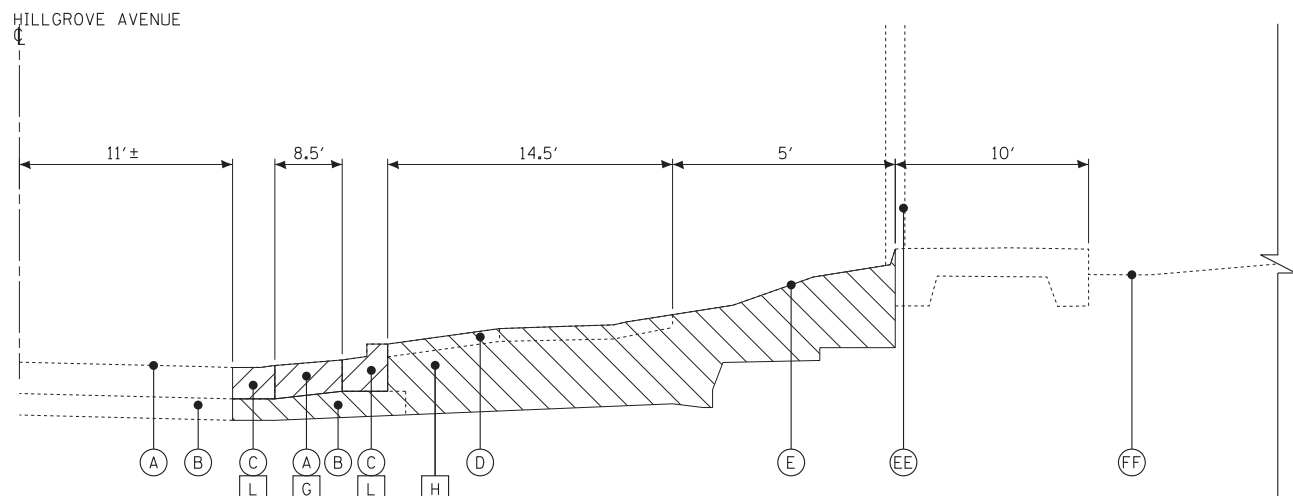
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

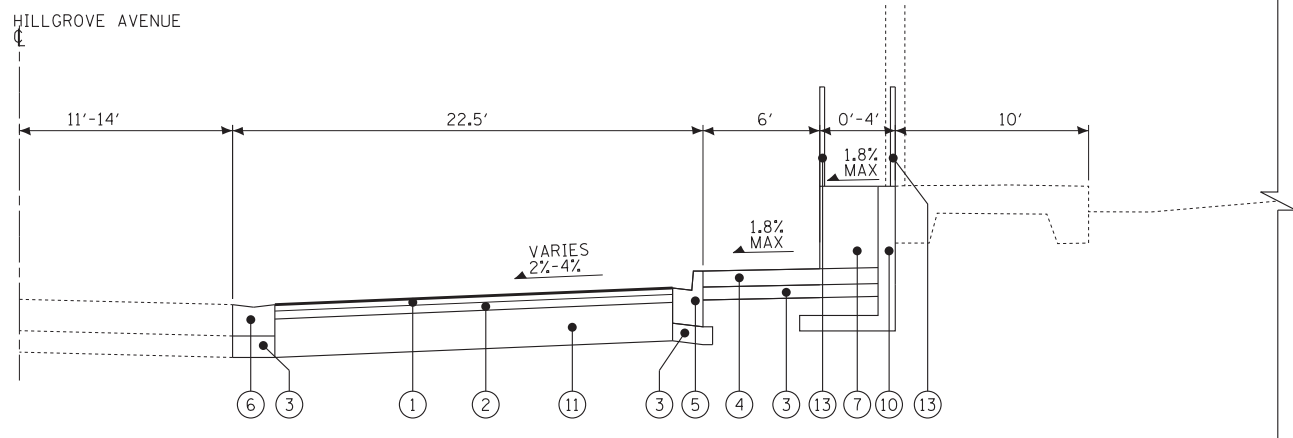
SUMMARY OF QUANTITIES

SCALE: NONE STA. TO STA.

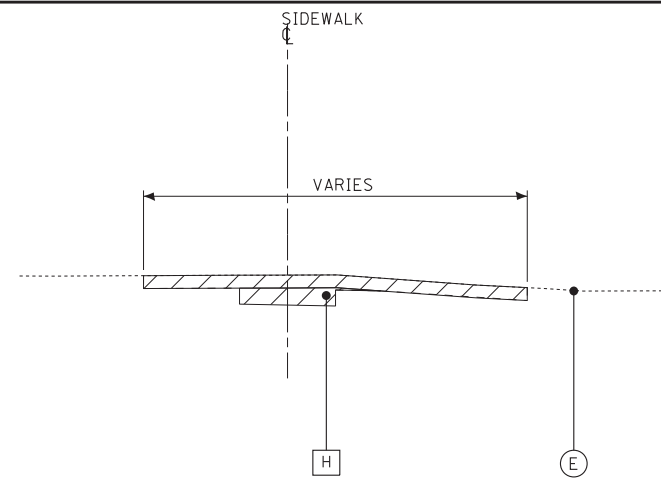
MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	4
CONTRACT NO. 61E45				



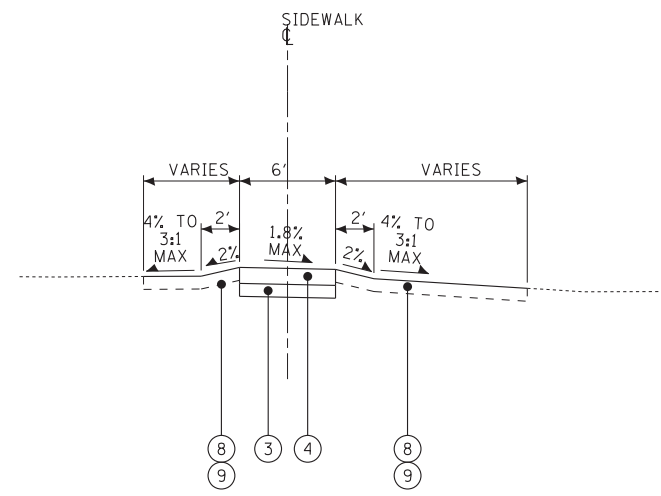
EXISTING TYPICAL SECTION
HILLGROVE AVENUE, STA 102+08 TO STA 104+00



PROPOSED TYPICAL SECTION
HILLGROVE AVENUE, STA 102+08 TO STA 104+00



EXISTING TYPICAL SECTION
SIDEWALK



PROPOSED TYPICAL SECTION
SIDEWALK

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE BASE COURSE
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (D) EXISTING SIDEWALK
- (DD) EXISTING STATION PLATFORM
- (E) EXISTING GROUND SURFACE
- (EE) EXISTING PLATFORM CANOPY
- (F) EXISTING RETAINING WALL
- (FF) EXISTING TRAIN TRACKS
- [G] PAVEMENT REMOVAL
- [H] EARTH EXCAVATION
- [J] SIDEWALK REMOVAL
- [K] AGGREGATE BASE COURSE REMOVAL
- [L] COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- [] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 4"
- (3) AGGREGATE BASE COURSE, TYPE B, 4"
- (4) PORTLAND CEMENT CONCRETE SIDEWALK - 5 INCH
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) CONCRETE GUTTER (SPECIAL)
- (7) PLATFORM AT OUTBOUND CANOPY (SEE ARCH SHEETS)
- (8) TOPSOIL FURNISH AND PLACE - 4"
- (9) SODDING
- (10) CONCRETE STRUCTURES (RETAINING WALL) (SEE STRUCTURAL SHEETS)
- (11) AGGREGATE SUBGRADE IMPROVEMENT - 12"
- (12) RETAINING WALL, SPECIAL (SEE STRUCTURAL SHEETS)
- (13) FENCE (SPECIAL)
- (14) BICYCLE RACK
- (15) CONCRETE FOUNDATION (SPECIAL) (SEE STRUCTURAL SHEETS)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	4% @ 50 Gyr.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SER PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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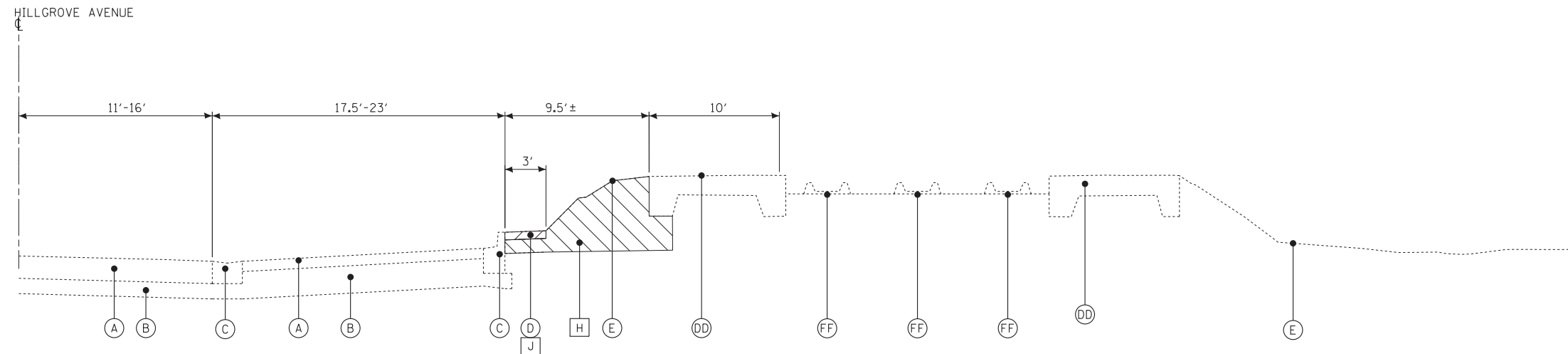
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS

SCALE: NONE

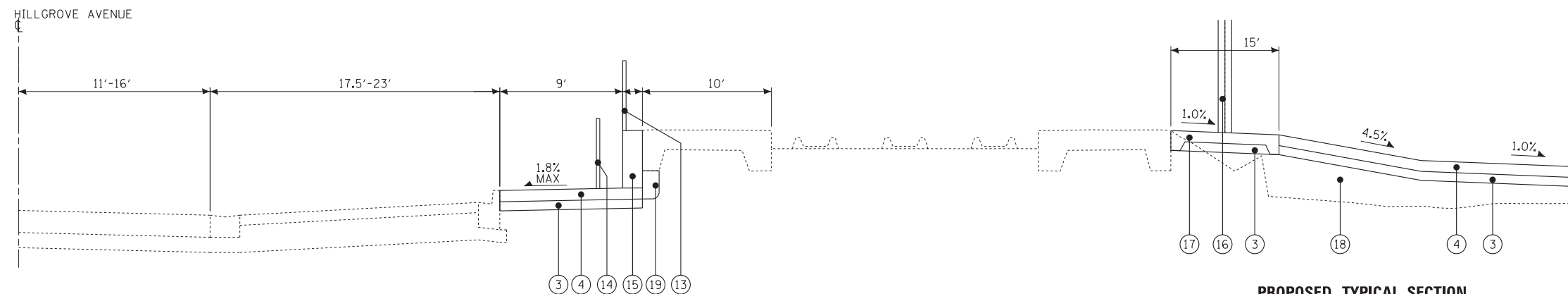
STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	5
CONTRACT NO. 61E45				



EXISTING TYPICAL SECTION
HILLGROVE AVENUE, STA 101+37 TO STA 102+08

EXISTING TYPICAL SECTION
BIKE SHELTER



PROPOSED TYPICAL SECTION
HILLGROVE AVENUE, STA 101+37 TO STA 102+08

PROPOSED TYPICAL SECTION
BIKE SHELTER

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE BASE COURSE
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (D) EXISTING SIDEWALK
- (DD) EXISTING STATION PLATFORM
- (E) EXISTING GROUND SURFACE
- (EE) EXISTING PLATFORM CANOPY
- (F) EXISTING RETAINING WALL
- (FF) EXISTING TRAIN TRACKS
- (G) PAVEMENT REMOVAL
- (H) EARTH EXCAVATION
- (J) SIDEWALK REMOVAL
- (K) AGGREGATE BASE COURSE REMOVAL
- (L) COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- [Hatched Box] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 4"
- (3) AGGREGATE BASE COURSE, TYPE B, 4"
- (4) PORTLAND CEMENT CONCRETE SIDEWALK - 5 INCH
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) CONCRETE GUTTER (SPECIAL)
- (7) PLATFORM AT OUTBOUND CANOPY (SEE ARCH SHEETS)
- (8) TOPSOIL FURNISH AND PLACE - 4"
- (9) SODDING
- (10) CONCRETE STRUCTURES (RETAINING WALL) (SEE STRUCTURAL SHEETS)
- (11) AGGREGATE SUBGRADE IMPROVEMENT - 12"
- (12) RETAINING WALL, SPECIAL (SEE STRUCTURAL SHEETS)
- (13) FENCE (SPECIAL)
- (14) BICYCLE RACK
- (15) CONCRETE FOUNDATION (SPECIAL) (SEE STRUCTURAL SHEETS)
- (16) FURNISHING AND ERECTING STRUCTURAL STEEL, SPECIAL (SEE STRUCTURAL SHEETS)
- (17) CONCRETE STRUCTURES (SEE STRUCTURAL SHEETS)
- (18) FURNISHED EXCAVATION
- (19) UNDERPINNING EXISTING STRUCTURE (SEE STRUCTURAL SHEETS)

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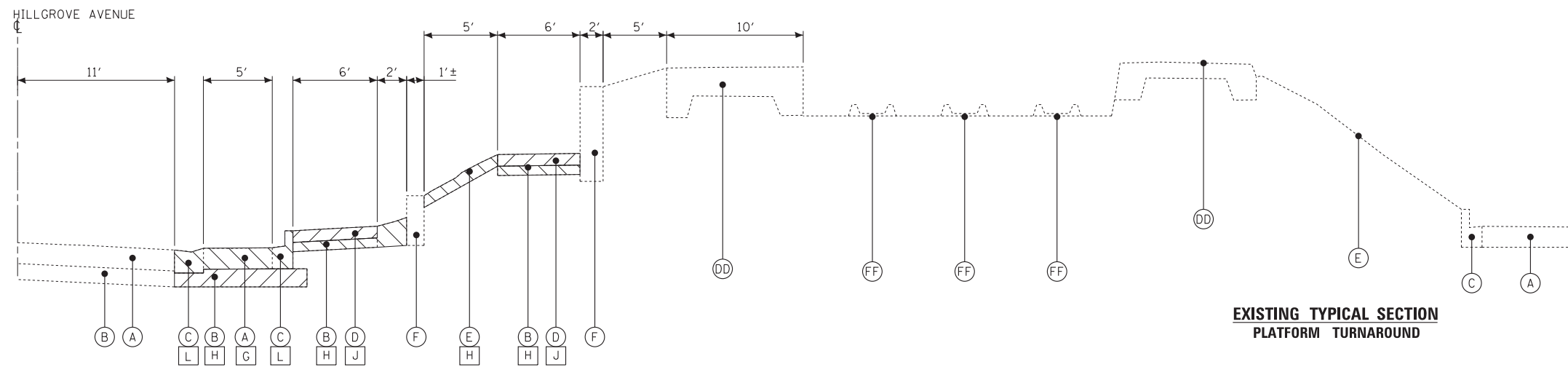
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TYPICAL SECTIONS

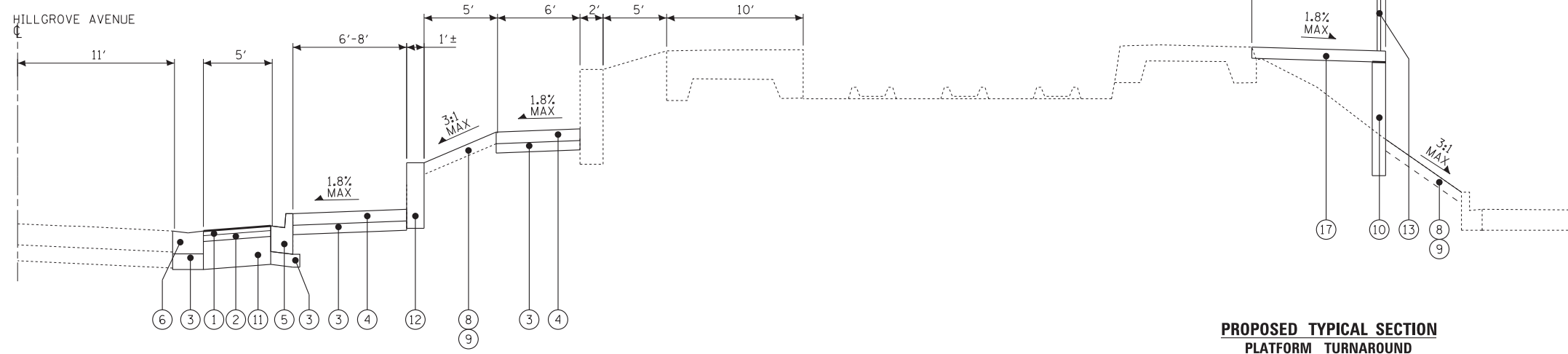
SCALE: NONE STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	6
CONTRACT NO. 61E45				



EXISTING TYPICAL SECTION

HILLGROVE AVENUE, STA 106+49 TO STA 108+09



PROPOSED TYPICAL SECTION

HILLGROVE AVENUE, STA 106+49 TO STA 108+09

EXISTING TYPICAL SECTION
PLATFORM TURNAROUND

PROPOSED TYPICAL SECTION
PLATFORM TURNAROUND

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE BASE COURSE
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (D) EXISTING SIDEWALK
- (DD) EXISTING STATION PLATFORM
- (E) EXISTING GROUND SURFACE
- (EE) EXISTING PLATFORM CANOPY
- (F) EXISTING RETAINING WALL
- (FF) EXISTING TRAIN TRACKS
- (G) PAVEMENT REMOVAL
- (H) EARTH EXCAVATION
- (J) SIDEWALK REMOVAL
- (K) AGGREGATE BASE COURSE REMOVAL
- (L) COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- [] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 4"
- (3) AGGREGATE BASE COURSE, TYPE B, 4"
- (4) PORTLAND CEMENT CONCRETE SIDEWALK - 5 INCH
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) CONCRETE GUTTER (SPECIAL)
- (7) PLATFORM AT OUTBOUND CANOPY (SEE ARCH SHEETS)
- (8) TOPSOIL FURNISH AND PLACE - 4"
- (9) SODDING
- (10) CONCRETE STRUCTURES (RETAINING WALL) (SEE STRUCTURAL SHEETS)
- (11) AGGREGATE SUBGRADE IMPROVEMENT - 12"
- (12) RETAINING WALL, SPECIAL (SEE STRUCTURAL SHEETS)
- (13) FENCE (SPECIAL)
- (14) BICYCLE RACK
- (15) CONCRETE FOUNDATION (SPECIAL) (SEE STRUCTURAL SHEETS)
- (16) FURNISHING AND ERECTING STRUCTURAL STEEL, SPECIAL (SEE STRUCTURAL SHEETS)
- (17) CONCRETE STRUCTURES (SEE STRUCTURAL SHEETS)
- (18) FURNISHED EXCAVATION
- (19) UNDERPINNING EXISTING STRUCTURE (SEE STRUCTURAL SHEETS)

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TYPICAL SECTIONS

SCALE: NONE STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	7
CONTRACT NO. 61E45				

REMOVAL LEGEND

-  REMOVE HOT-MIX ASPHALT PAVEMENT
-  REMOVE PCC SIDEWALK
-  REMOVE COMBINATION CONCRETE CURB AND GUTTER
-  TREE PROTECTION WITH TEMPORARY FENCE

NOTE:

1. SHELTER AND PLATFORM LIGHTING SHALL BE OPERABLE EVERY NIGHT.
2. REFER TO CONSTRUCTION STAGING PLANS (SHEET 15-16) FOR PHASING/STAGING.

REMOVE EXISTING CONDUIT, REROUTE EXISTING WIRE TO PROPOSED LIGHTING CONTROLLER

W HILLGROVE AVE

N STONE AVE

BEGIN IMPROVEMENTS
STONE AVENUE METRA STATION
STA 100+23

BNSF RAILROAD

EXISTING OUT-BOUND TRACKS

EXISTING IN-BOUND TRACKS

SEE ARCHITECTURAL DEMOLITION PLAN
(SHEETS 22 - 23)
REMOVAL OF LIGHTING UNIT, SALVAGE (TYP X3)

EXISTING ELECTRIC PANEL TO BE REMOVED

REMOVE CONDUIT/WIRE SERVING
LIGHTING UNITS BEING REMOVED

REMOVAL OF LIGHTING
UNIT, SALVAGE

TREE REMOVAL (BY VILLAGE)

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S BRAINARD AVE

MATCH LINE STA. 105+00 - SEE SHEET NO. 9

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DATE - 01-15-18	FILE - 140184SHT-PH2_Stone-Removal1.dgn

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DEPARTMENT OF TRANSPORTATION**




REMOVAL PLAN

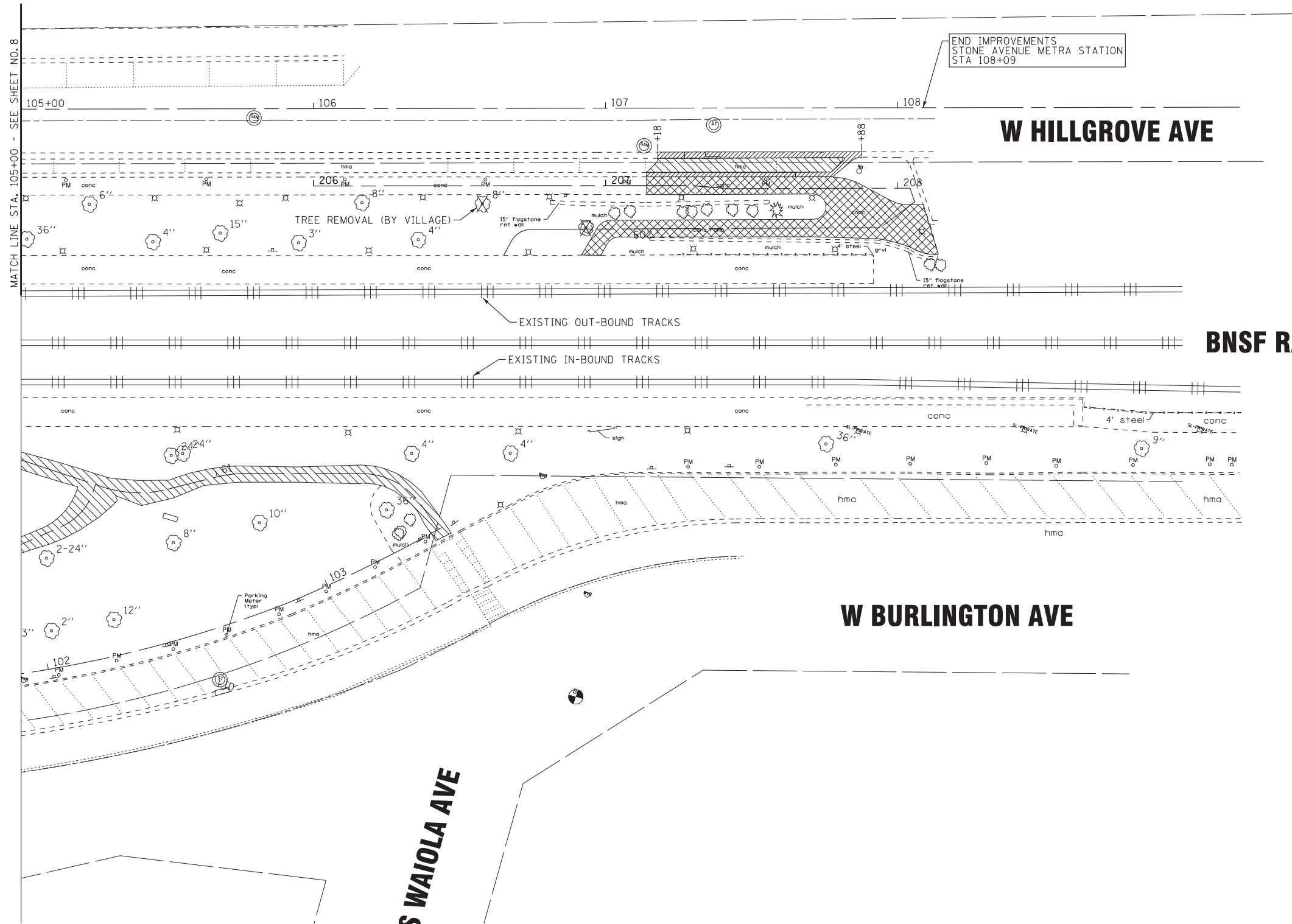
SCALE: 1" = 20'

STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	8
CONTRACT NO. 61E45				

REMOVAL LEGEND

-  REMOVE HOT-MIX ASPHALT PAVEMENT
-  REMOVE PCC SIDEWALK
-  REMOVE COMBINATION CONCRETE CURB AND GUTTER



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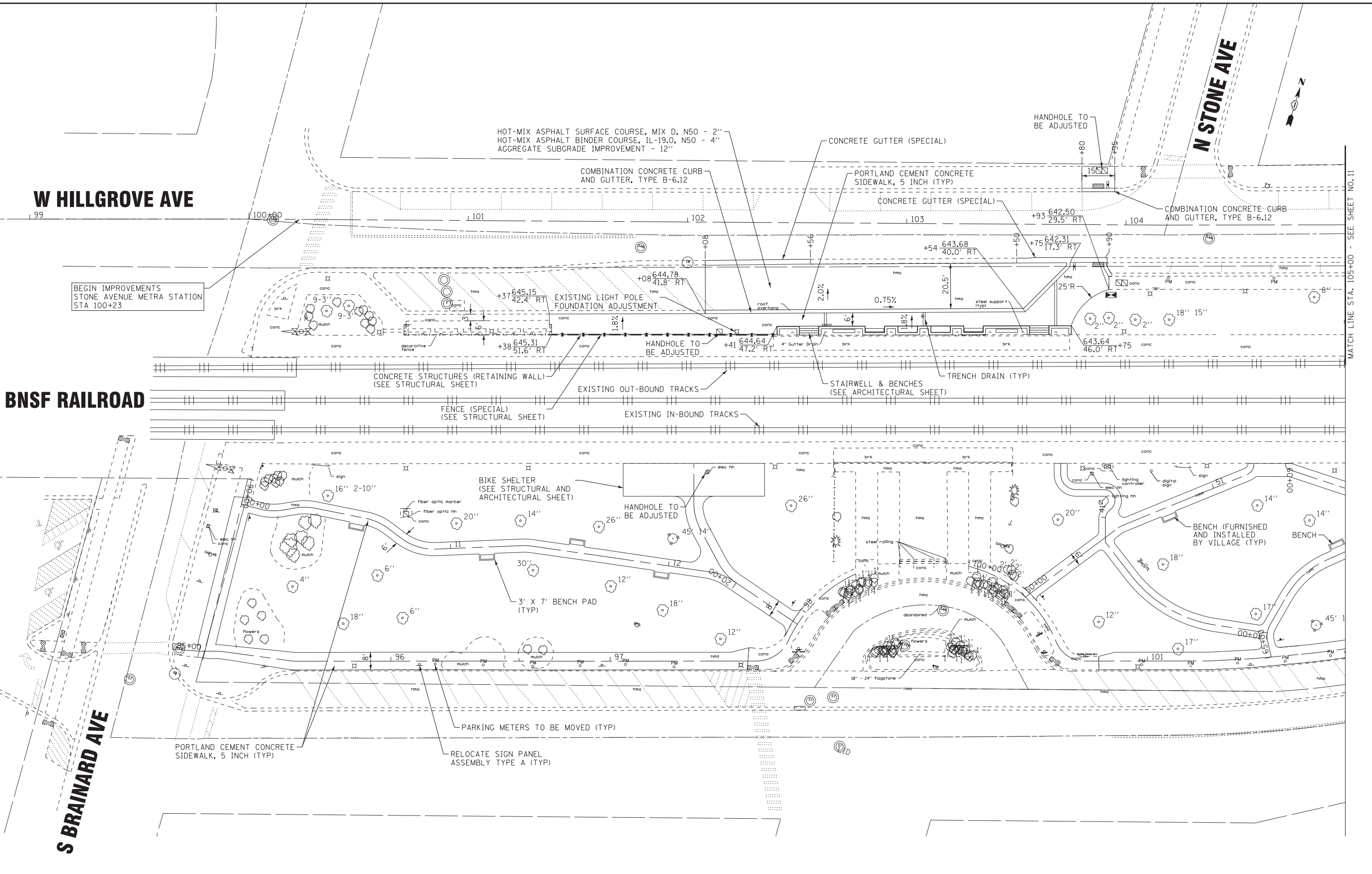
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: 1" = 20' STA. TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	9
CONTRACT NO. 61E45				

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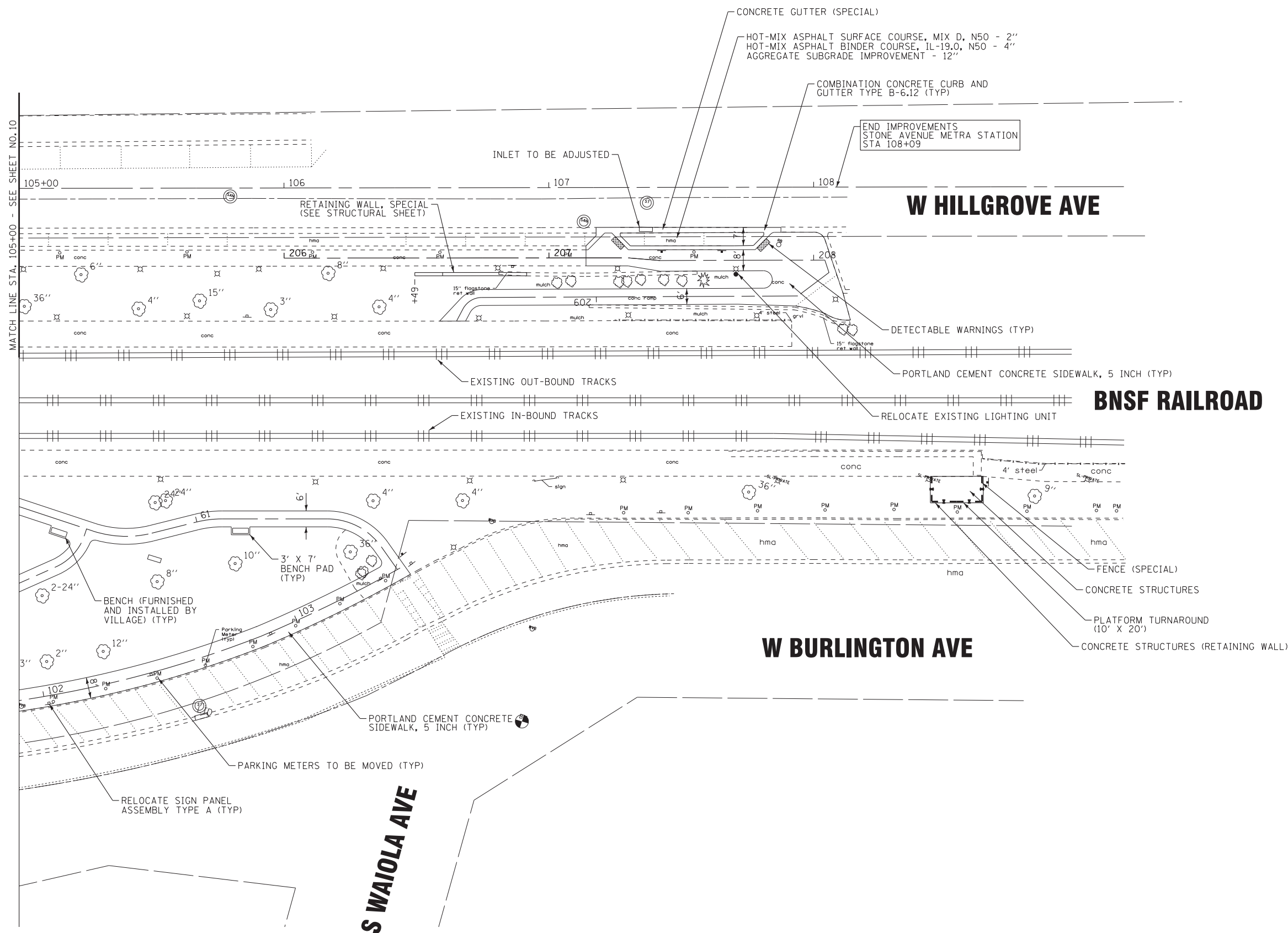
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: 1" = 20'
STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	10
CONTRACT NO. 61E45				

MATCH LINE STA. 105+00 - SEE SHEET NO. 11



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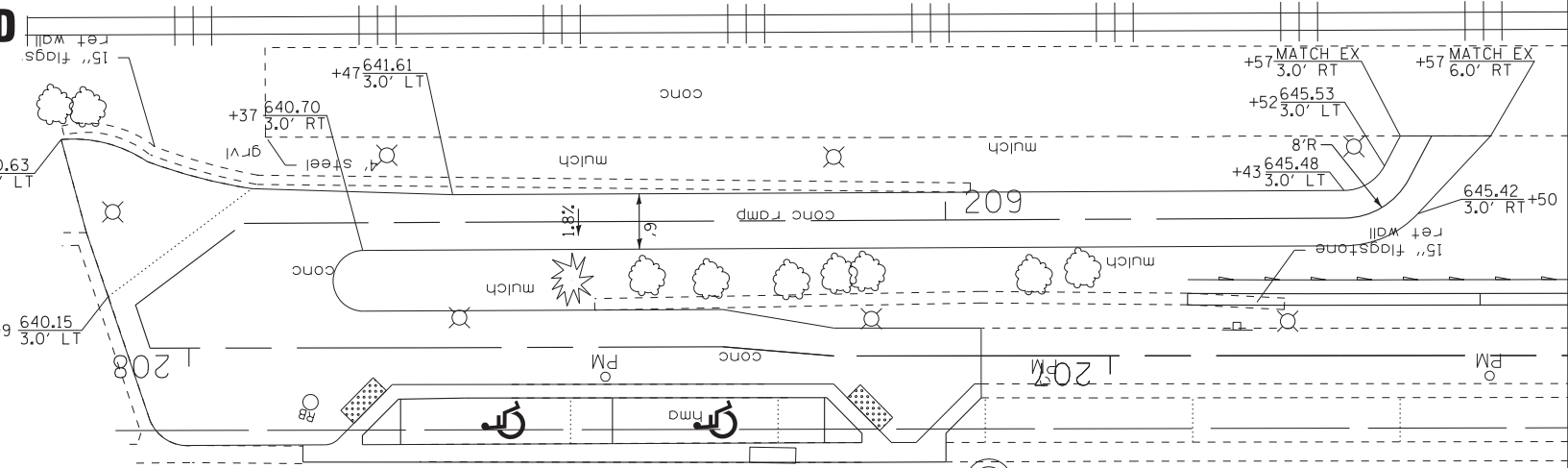
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: 1" = 20' STA. TO STA.

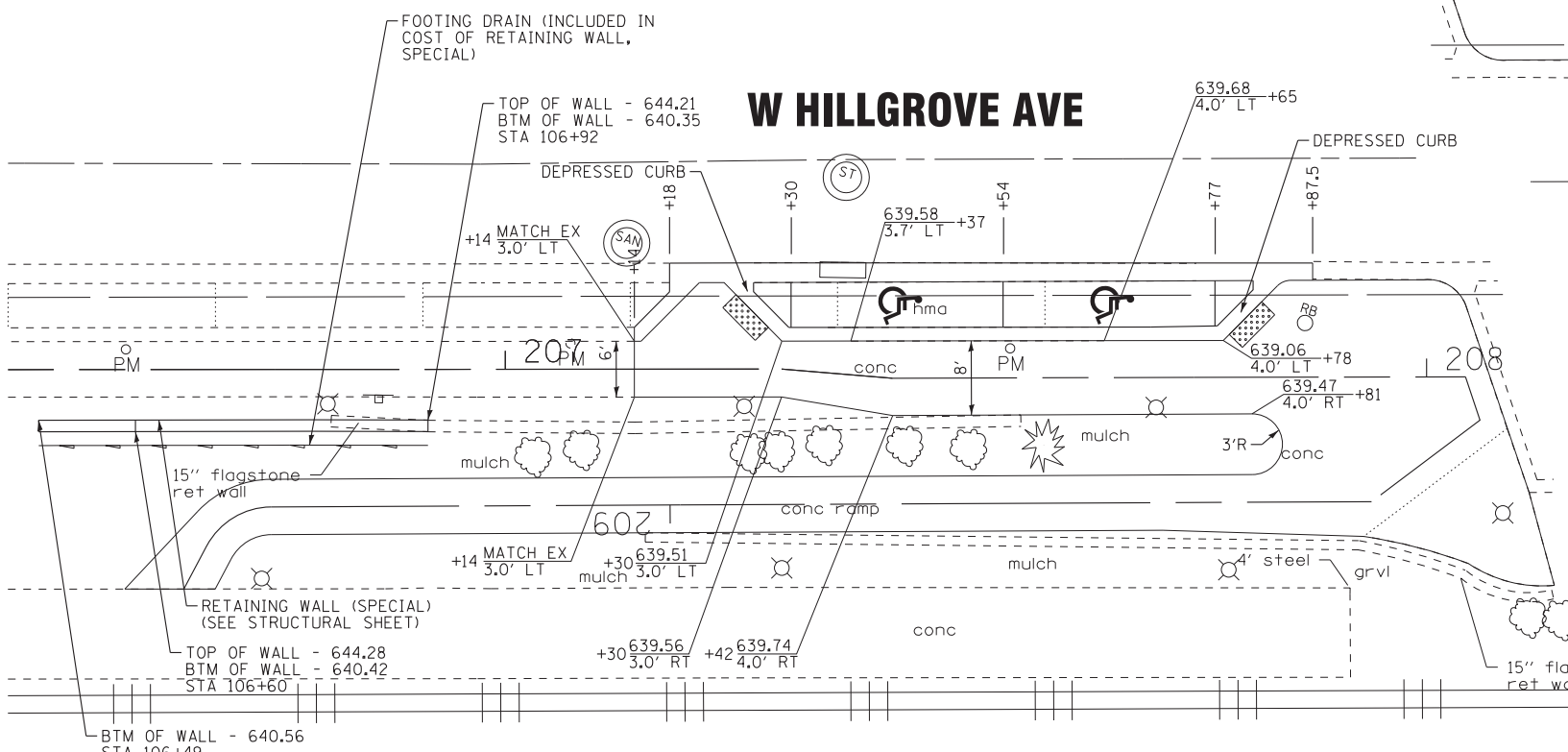
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	11
CONTRACT NO. 61E45				

BNSF RAILROAD

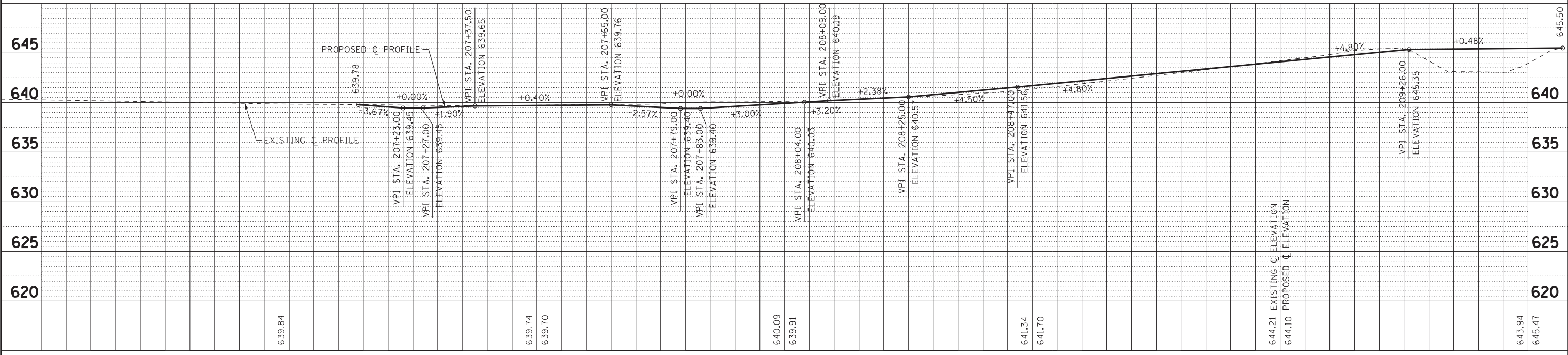


W HILLGROVE AVE

W HILLGROVE AVE



BNSF RAILROAD



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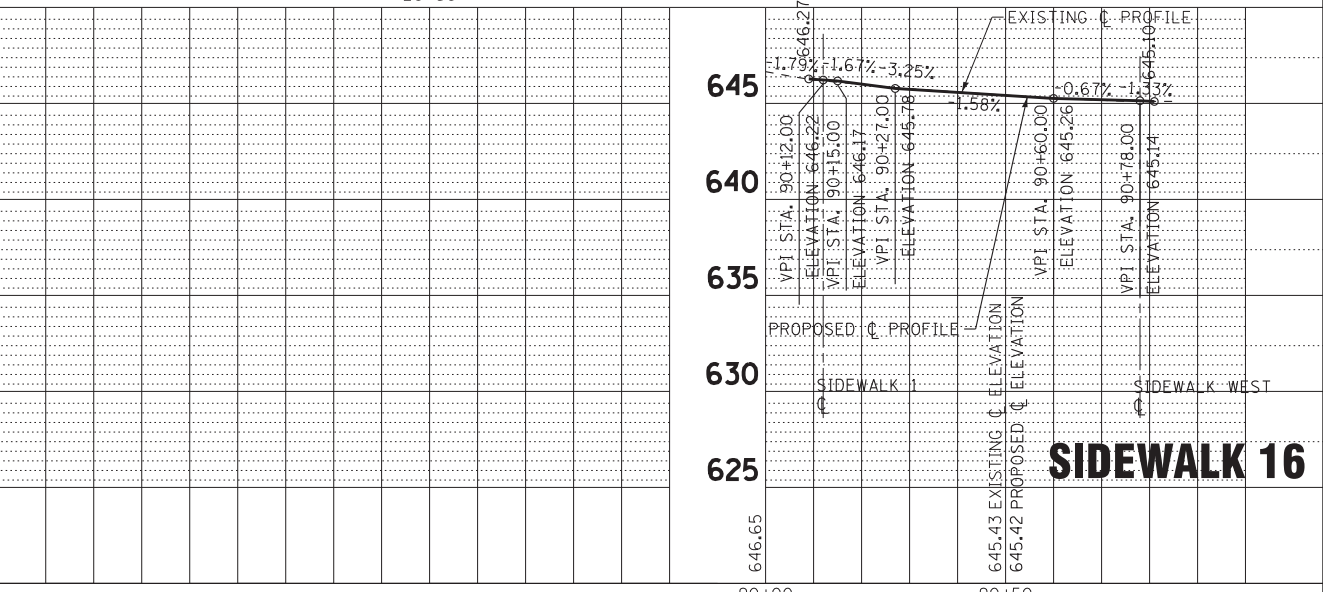
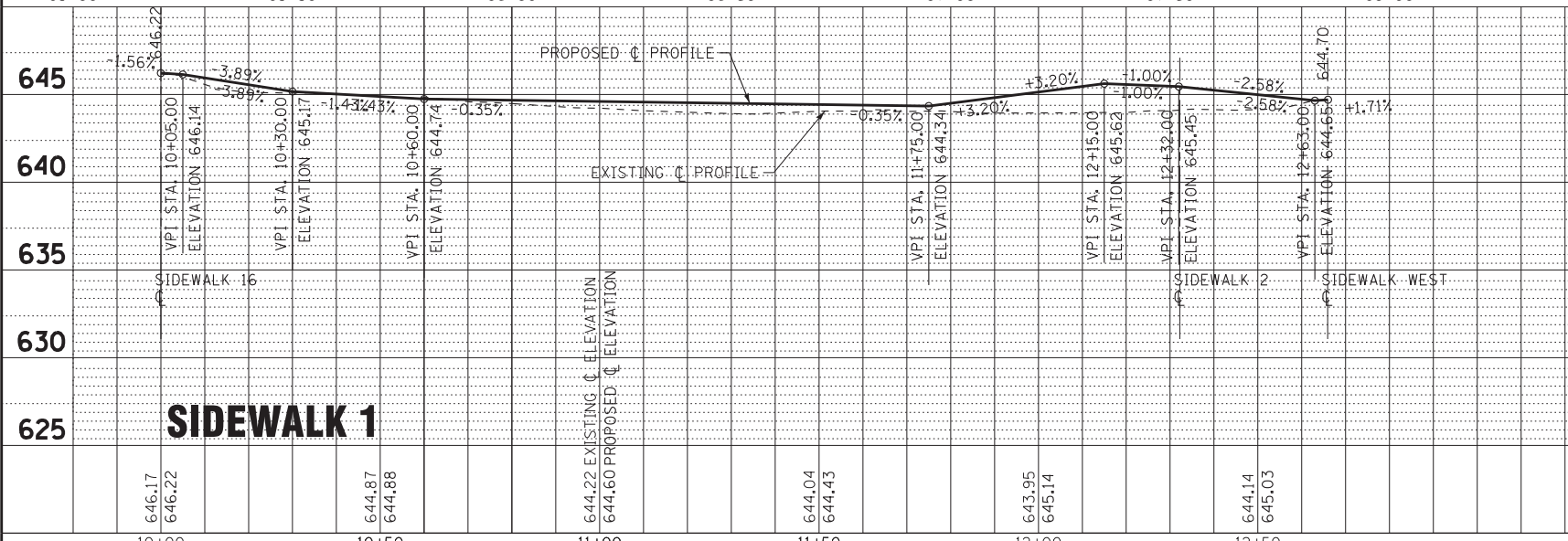
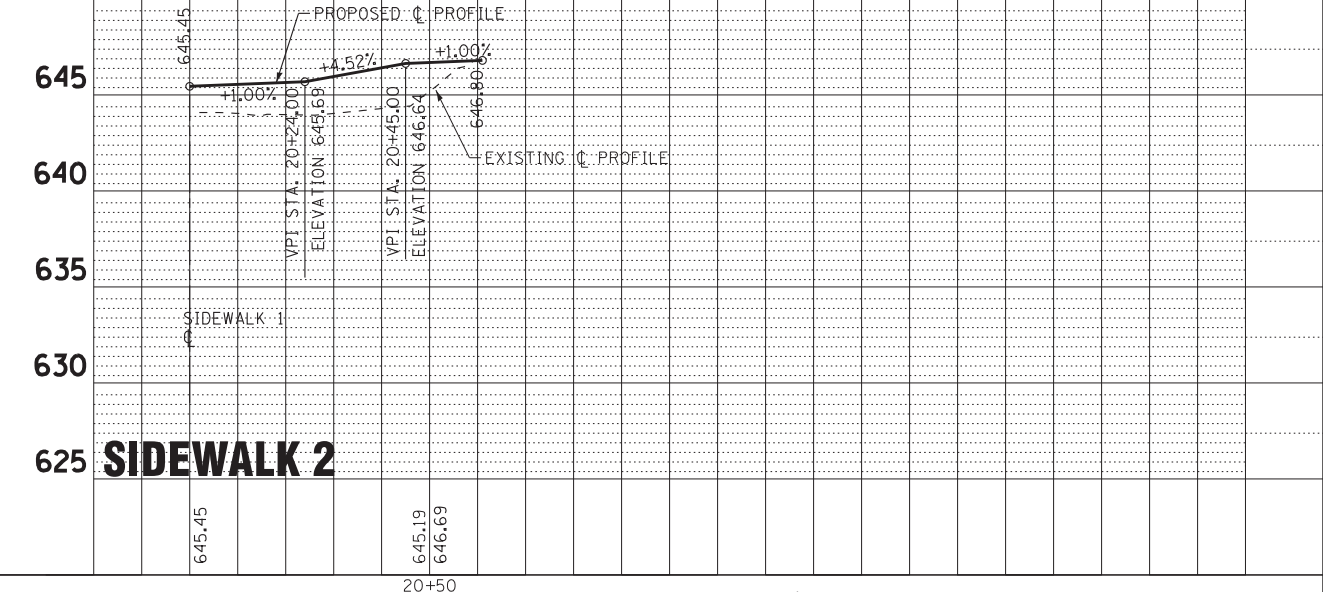
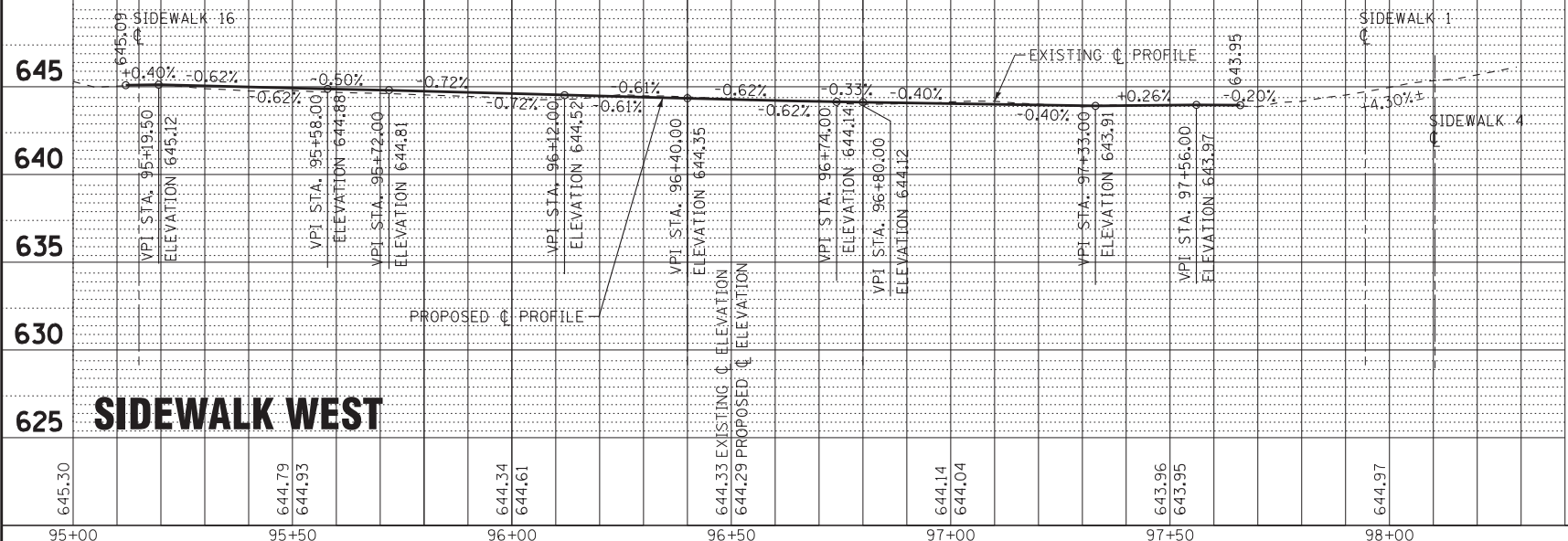
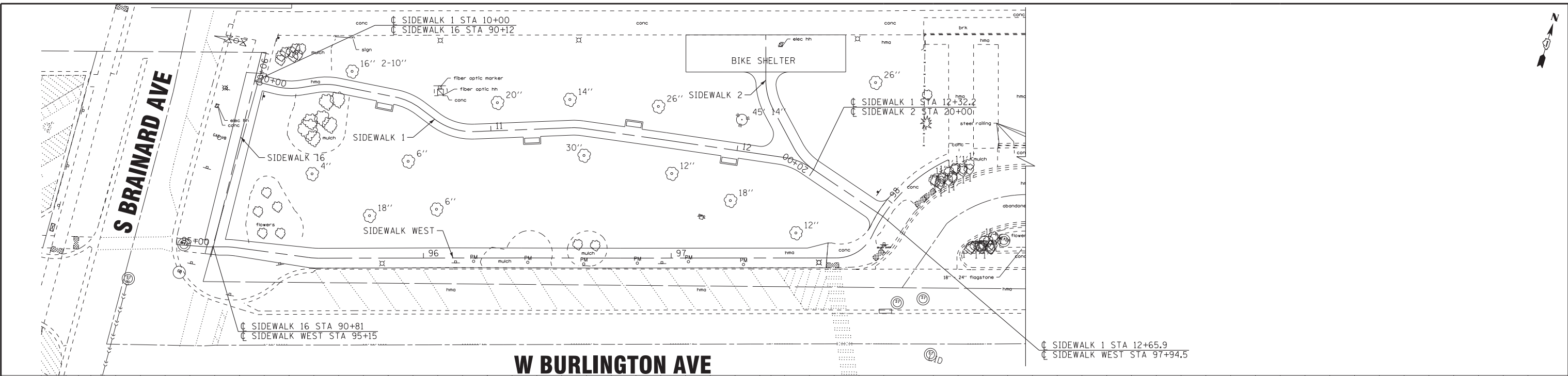
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PROPOSED PLAN

SCALE: H: 1"=20' V: 1"=5'

STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	12
CONTRACT NO. 61E45				



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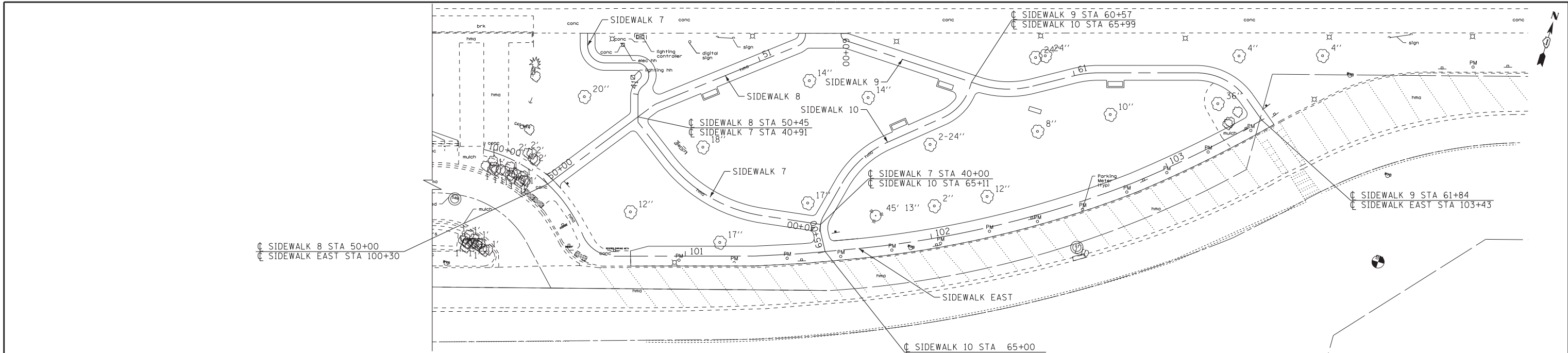
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DEPARTMENT OF TRANSPORTATION

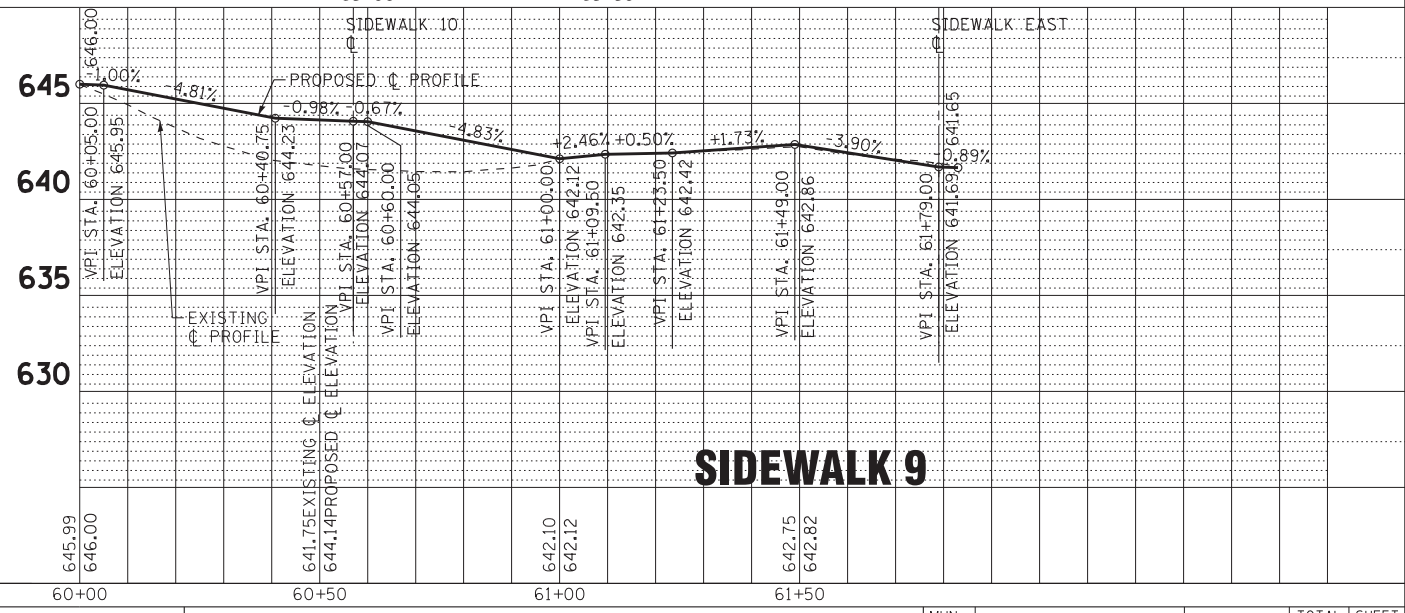
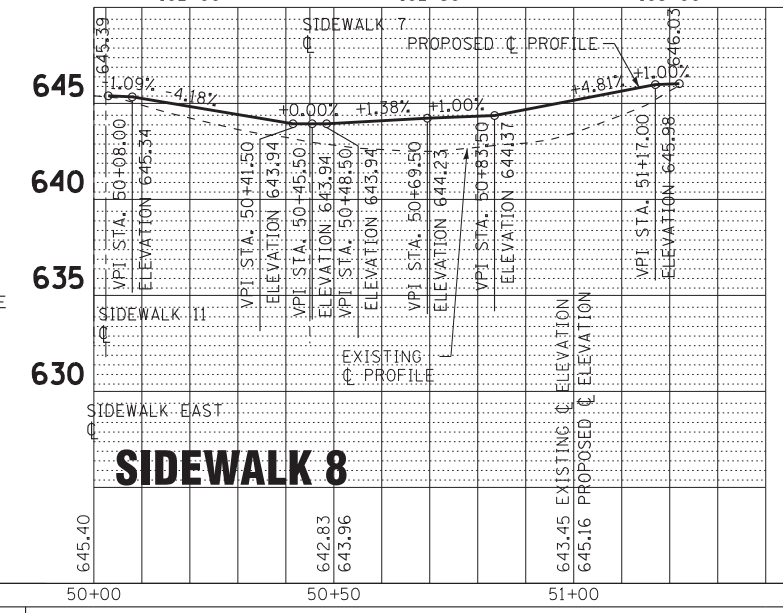
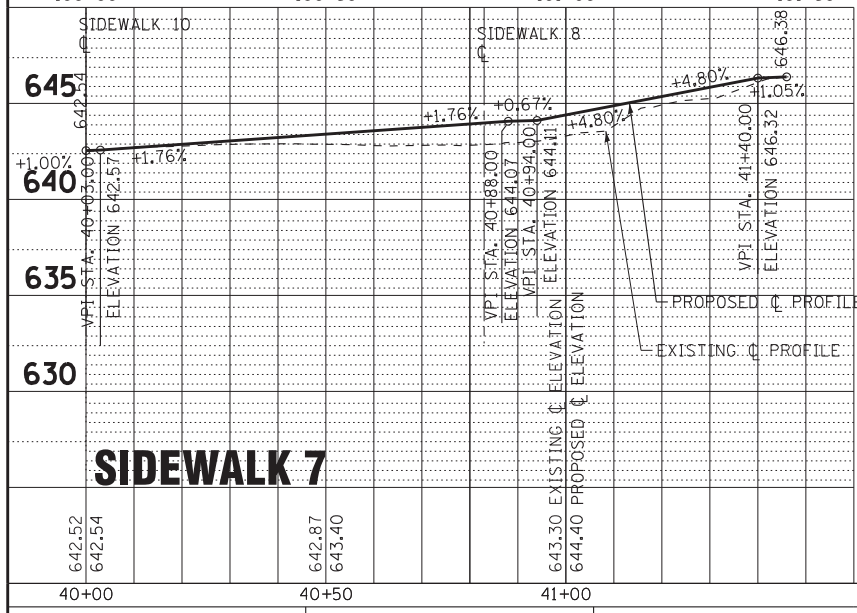
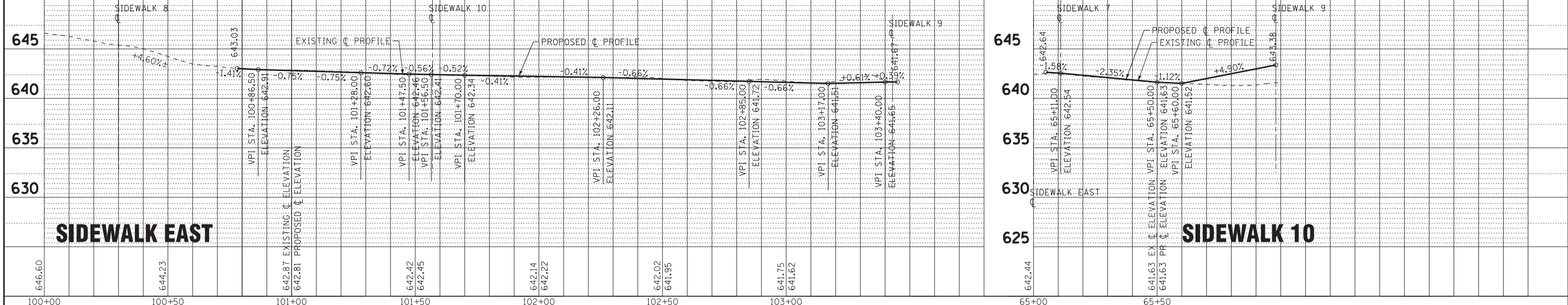
SIDEWALK PLAN AND PROFILES

SCALE: H: 1"=20' V: 1"=5' STA. TO STA.

MUN. RTE. 2070C	SECTION 14-00089-00-SW	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 13
			CONTRACT NO. 61E45	



W BURLINGTON AVE



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DEPARTMENT OF TRANSPORTATION**

SIDEWALK PLAN AND PROFILES

SCALE: H: 1"=20' V: 1"=5'
STA. TO STA.

MUN. RTE. 2070C	SECTION 14-00089-00-SW	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 14
CONTRACT NO. 61E45				

W HILLGROVE AVE

N STONE AVE

SIDEWALK CLOSED
R11-1101-2418

SIDEWALK CLOSED
R11-1101-2418

BEGIN IMPROVEMENTS
STONE AVENUE METRA STATION
STA 100+23

OUTBOUND PLATFORM AND HILLGROVE PARKING AREA

IN-BOUND AND OUT-BOUND
PLATFORM TO REMAIN
OPEN AND ACCESSIBLE AT
ALL TIMES DURING
CONSTRUCTION

BNSF RAILROAD

EXISTING OUT-BOUND TRACKS

EXISTING IN-BOUND TRACKS

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

SIDEWALK CLOSED
R11-1101-2418
DETOUR
M4-9b

NOTE 1: WORK WITHIN 25' OF THE OUTSIDE TRACK WILL TAKE PLACE FROM 9:30AM TO 2:30PM M-F AND WILL REQUIRE A BNSF FLAGGER. WORK OUTSIDE OF THIS AREA AND WITHOUT THE POTENTIAL TO FOUL THE TRACKS, CAN PROCEED UNDER BNSF SUPERVISION FROM 7:00AM TO 5:00PM M-F.

MATCH LINE STA. 105+00 - SEE SHEET NO. 16

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BAXTER & WOODMAN
Consulting Engineers

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DEPARTMENT OF TRANSPORTATION

CONSTRUCTION STAGING PLAN

SCALE: 1" = 20'

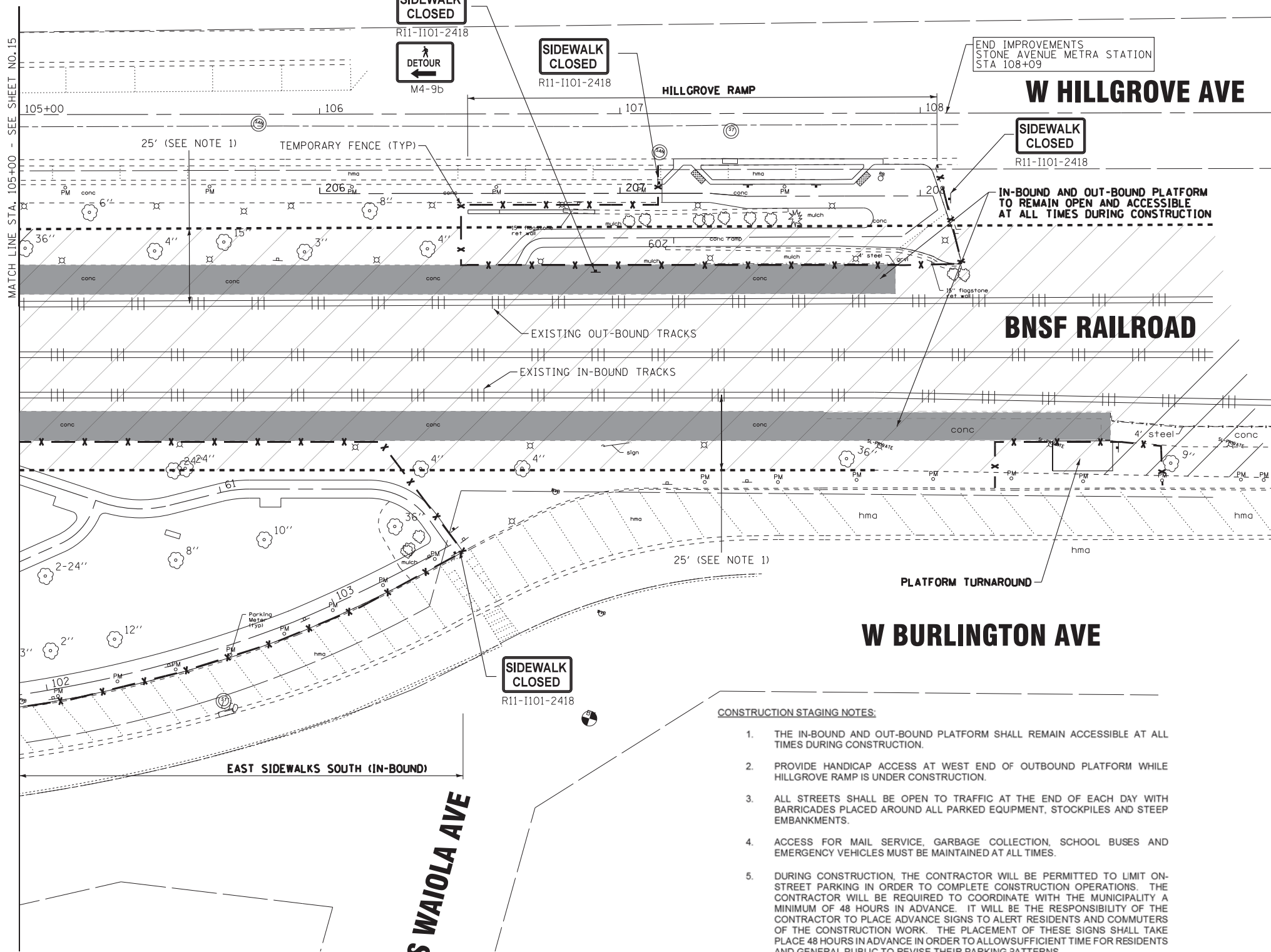
STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	15
CONTRACT NO. 61E45				

NOTE 1: WORK WITHIN 25' OF THE OUTSIDE TRACK WILL TAKE PLACE FROM 9:30AM TO 2:30PM M-F AND WILL REQUIRE A BNSF FLAGGER. WORK OUTSIDE OF THIS AREA AND WITHOUT THE POTENTIAL TO FOUL THE TRACKS, CAN PROCEED UNDER BNSF SUPERVISION FROM 7:00AM TO 5:00PM M-F.



R9-11
PLACE SIGN ON SOUTH SIDE OF HILLGROVE AVENUE AT KENSINGTON



THE CONTRACTOR SHALL SUBMIT A PRE-PLANNED SEQUENCE OF WORK AT THE PRECONSTRUCTION CONFERENCE FOR REVIEW AND APPROVAL. WORK SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO RESIDENTS AND COMMUTERS AND TO MAINTAIN A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY. THE ENGINEER RESERVES THE RIGHT TO RESTRICT WORK ON ANY AREA IF TRAFFIC CONTROL OPERATIONS BECOME UNACCEPTABLE.

SUGGESTED SEQUENCE OF CONSTRUCTION:

1. PRIOR TO CONSTRUCTION, INSTALL ALL TEMPORARY EROSION CONTROL DEVICES NECESSARY AND ESTABLISH ALL TRAFFIC CONTROL REQUIRED, INCLUDING TEMPORARY FENCE AND SIGNAGE.

EAST AND WEST SIDEWALKS ON SOUTH (IN-BOUND) SIDE

1. REMOVE EXISTING SIDEWALKS AND BIKE PAD PARKING.
2. COMPLETE GRADING OF NEW SIDEWALK PROFILES.
3. INSTALL SIDEWALKS AND BIKE SHELTER FOUNDATION.
4. INSTALL CANOPY AND BIKE RACKS.

HILLGROVE RAMP

1. REMOVE EXISTING SIDEWALK, CURB AND GUTTER, AND RAMP.
2. PRESERVE EXISTING LIMESTONE RETAINING WALL.
3. INSTALL LIMESTONE WALL EXTENSION AND BACKFILL.
4. REGRADE RAMP AND SET AGGREGATE BASE COURSE.
5. INSTALL SIDEWALK
6. INSTALL MULCH

OUTBOUND PLATFORM AND HILLGROVE PARKING AREA

1. REMOVE PAVEMENT, SIDEWALK, AND CURB AND GUTTER ALONG HILLGROVE PARKING AREA.
 - a. WHILE REMOVING SIDEWALK AND PARKWAY ALONG EXISTING OUT-BOUND PLATFORM, INSTALL UNDERPINNING OF PLATFORM. REFER TO STRUCTURAL DETAILS.
2. BEGIN DEMOLITION OF EXISTING OUT-BOUND PLATFORM.
3. INSTALL STAIRS, RETAINING WALLS, ELECTRICAL, AND OTHER ARCHITECTURAL FEATURES.
4. INSTALL CURB AND GUTTER ALONG HILLGROVE PARKING AREA.
5. INSTALL SIDEWALKS.
6. INSTALL AGGREGATE AND HMA BASE AND SURFACE COURSE IN PARKING AREA.
7. REMOVE EXISTING WOOD STAIRS.
8. INSTALL BIKE RACKS AND OTHER APPURTENANCES

PLATFORM TURNAROUND

1. INSTALL RETAINING WALL
2. BACKFILL AND SET AGGREGATE BASE COURSE
3. INSTALL SIDEWALK
4. INSTALL DECORATIVE FENCE.

AFTER ALL STAGES HAVE BEEN COMPLETED:

- A. FINISH GRADING AND INSTALL TOPSOIL AND SOD.
- B. COMPLETE PAVEMENT MARKINGS.
- C. COMPLETE PUNCH LIST ITEMS AND REMOVE TEMPORARY EROSION CONTROL ITEMS ONCE SOD ESTABLISHES.

CONSTRUCTION STAGING NOTES:

1. THE IN-BOUND AND OUT-BOUND PLATFORM SHALL REMAIN ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION.
2. PROVIDE HANDICAP ACCESS AT WEST END OF OUTBOUND PLATFORM WHILE HILLGROVE RAMP IS UNDER CONSTRUCTION.
3. ALL STREETS SHALL BE OPEN TO TRAFFIC AT THE END OF EACH DAY WITH BARRICADES PLACED AROUND ALL PARKED EQUIPMENT, STOCKPILES AND STEEP EMBANKMENTS.
4. ACCESS FOR MAIL SERVICE, GARBAGE COLLECTION, SCHOOL BUSES AND EMERGENCY VEHICLES MUST BE MAINTAINED AT ALL TIMES.
5. DURING CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO LIMIT ON-STREET PARKING IN ORDER TO COMPLETE CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE MUNICIPALITY A MINIMUM OF 48 HOURS IN ADVANCE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE ADVANCE SIGNS TO ALERT RESIDENTS AND COMMUTERS OF THE CONSTRUCTION WORK. THE PLACEMENT OF THESE SIGNS SHALL TAKE PLACE 48 HOURS IN ADVANCE IN ORDER TO ALLOW SUFFICIENT TIME FOR RESIDENTS AND GENERAL PUBLIC TO REVISE THEIR PARKING PATTERNS.
6. VILLAGE WILL DESIGNATE 4 PARKING SPACES ON THE NORTH SIDE OF BURLINGTON AVENUE FOR CONTRACTOR PARKING AND COORDINATION DURING CONSTRUCTION.

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BAXTER & WOODMAN Consulting Engineers	DESIGNED - JDM	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - TMS	REVISED -
	DATE - 01-15-18	FILE - 140184SHT-PH2_Stone_Staging2.dgn

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DEPARTMENT OF TRANSPORTATION**

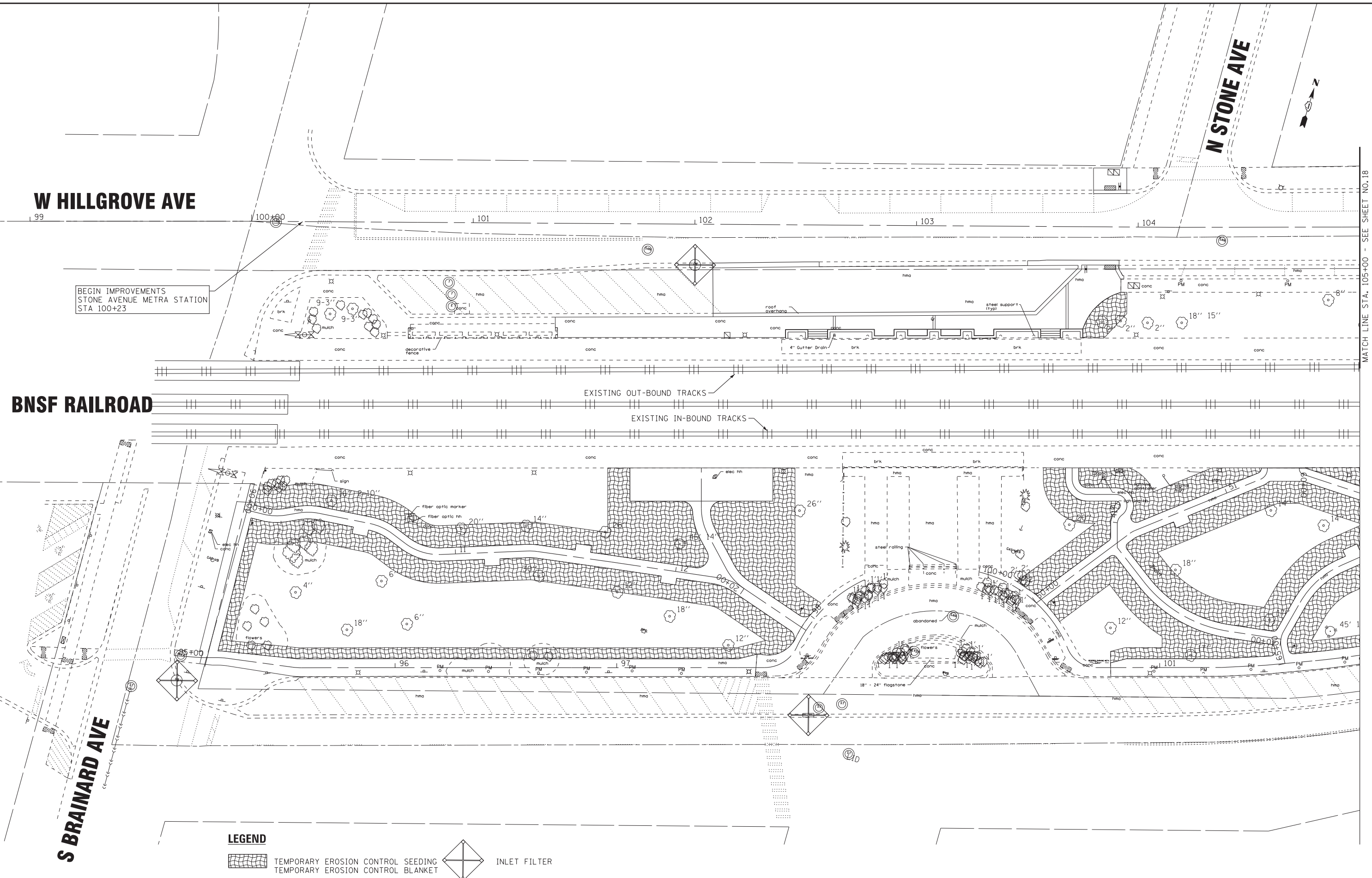
CONSTRUCTION STAGING PLAN

SCALE: 1" = 20'

STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	16
CONTRACT NO. 61E45				

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BEGIN IMPROVEMENTS
STONE AVENUE METRA STATION
STA 100+23

LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- INLET FILTER



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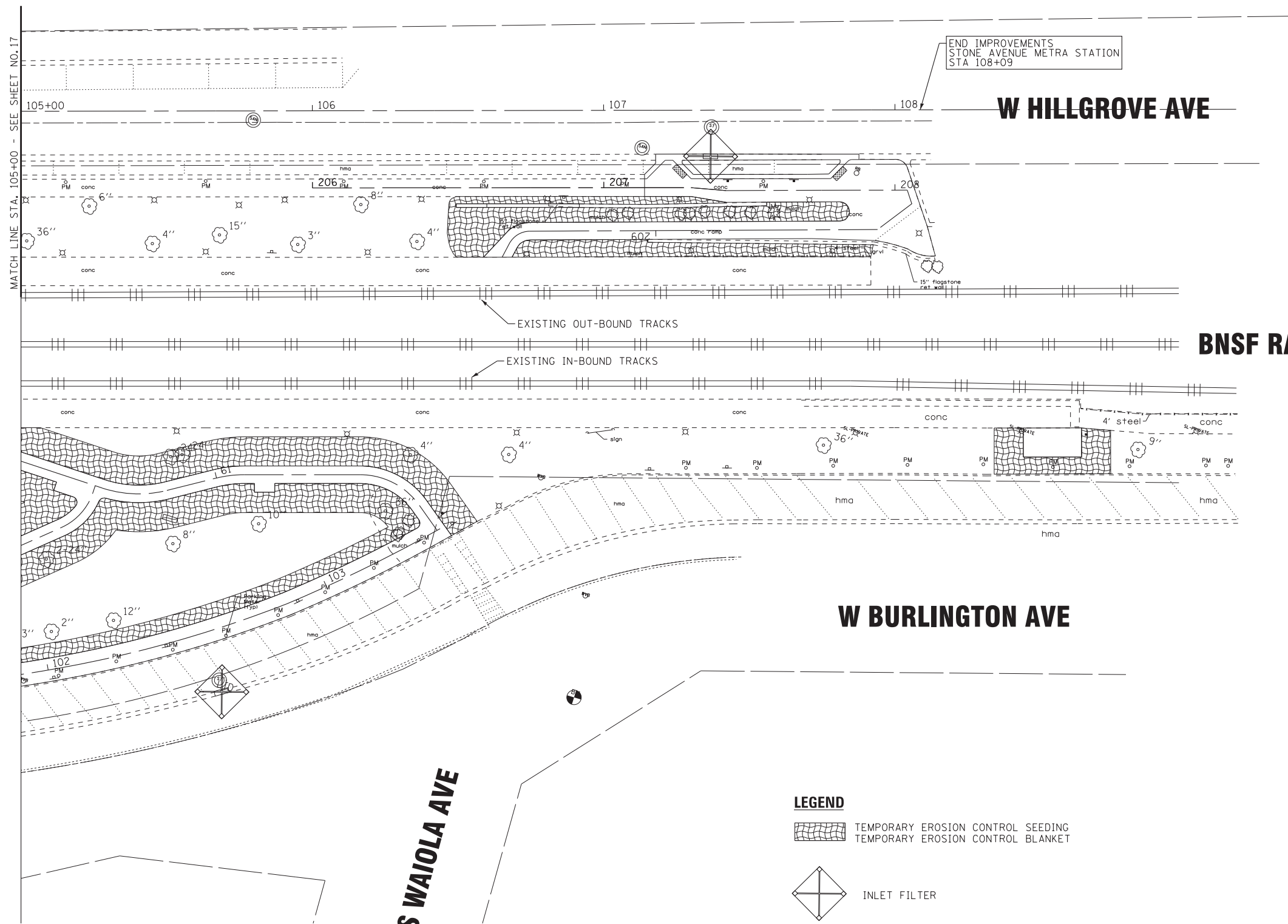
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN




SCALE: 1" = 20' STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	17
CONTRACT NO. 61E45				

MATCH LINE STA. 105+00 - SEE SHEET NO. 18



LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET
-  INLET FILTER

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DATE - 01-15-18	FILE - 140184SHT-PH2_Stone_Erosion2.dgn




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DEPARTMENT OF TRANSPORTATION



EROSION CONTROL PLAN

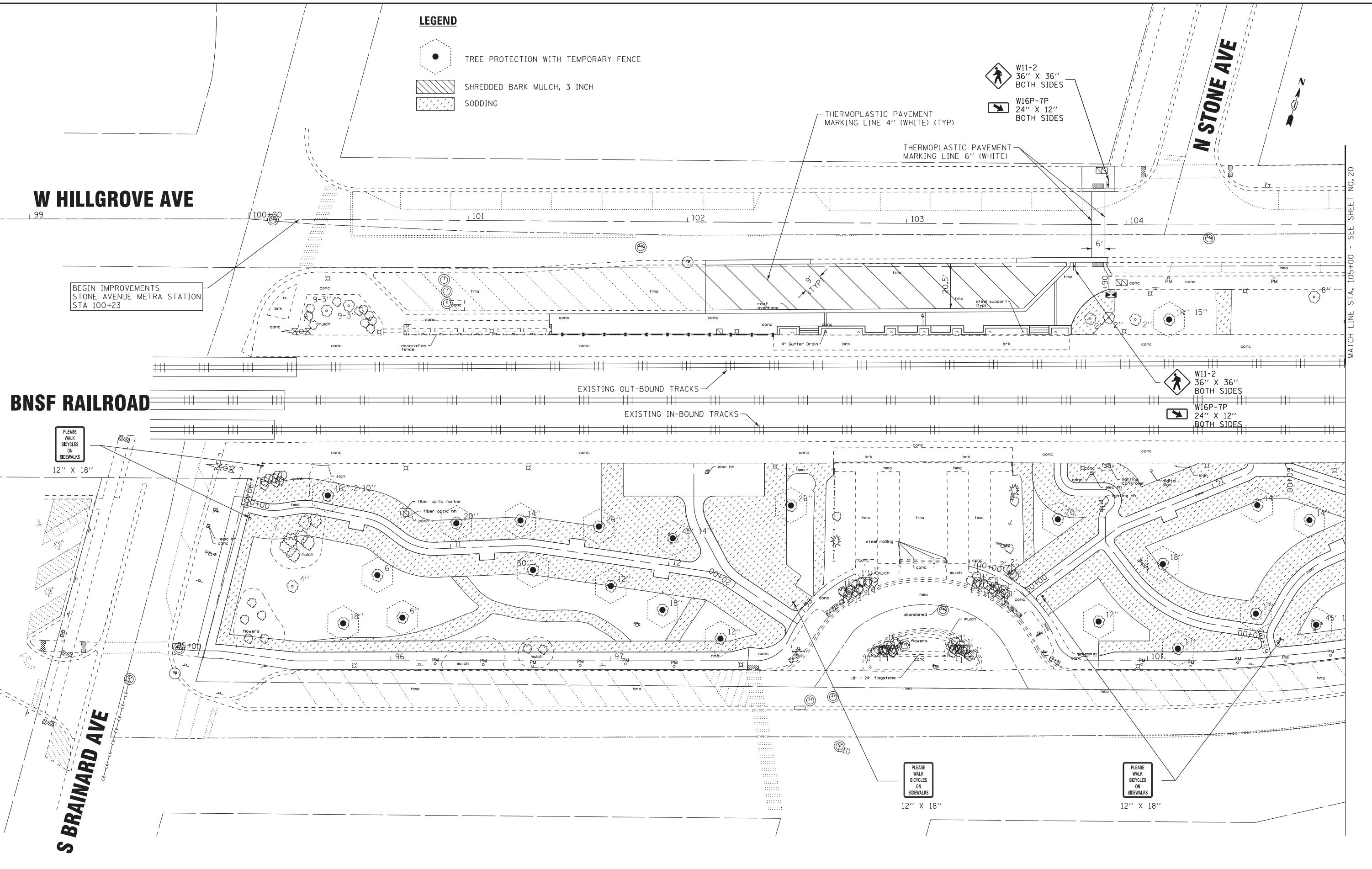
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	18
CONTRACT NO. 61E45				

LEGEND

-  TREE PROTECTION WITH TEMPORARY FENCE
-  SHREDDED BARK MULCH, 3 INCH
-  SODDING

-  W11-2
36" X 36"
BOTH SIDES
-  W16P-7P
24" X 12"
BOTH SIDES



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DATE - 01-15-18	FILE - 140184SHT-PH2-Stone-PM1.dgn




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DEPARTMENT OF TRANSPORTATION**

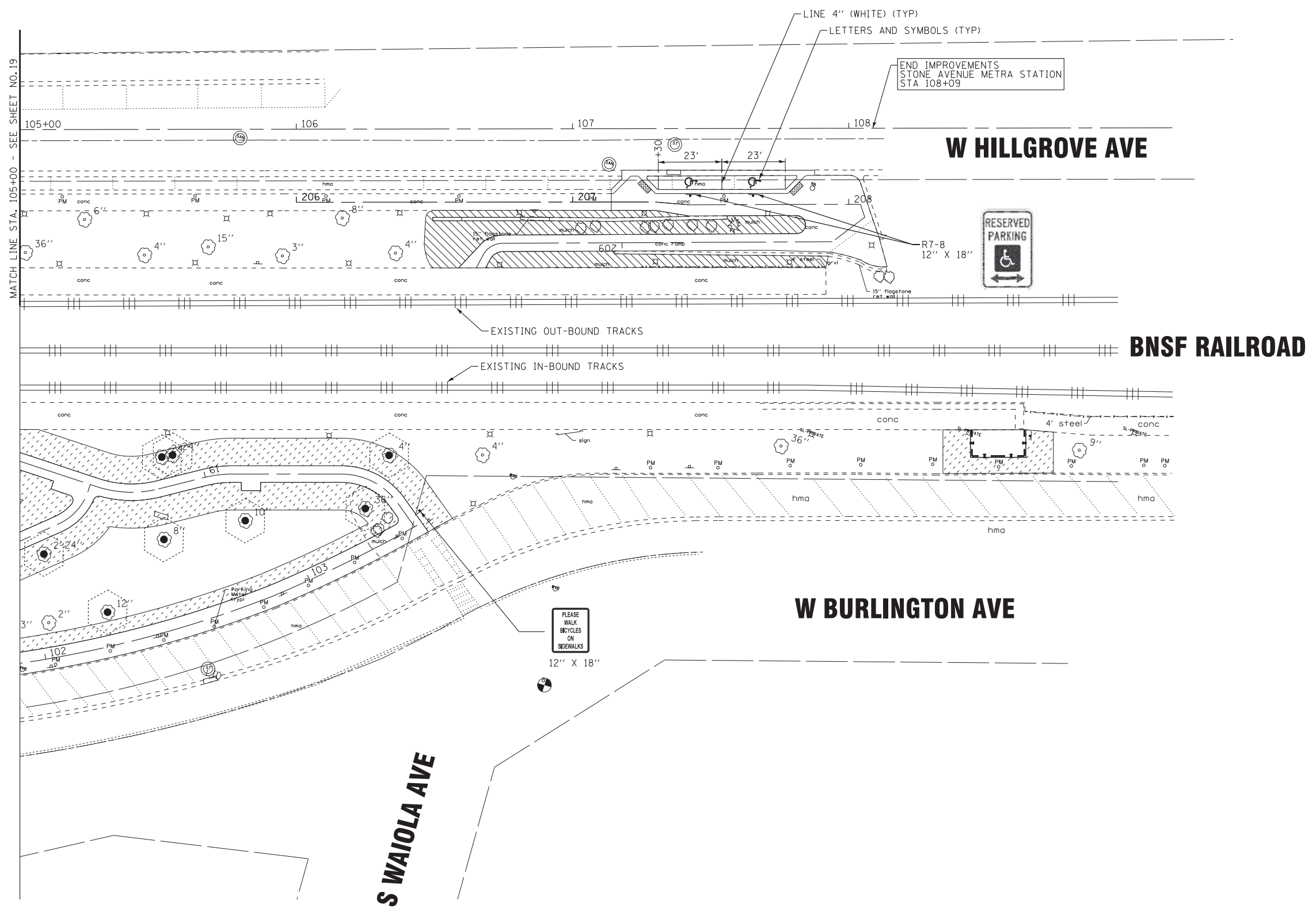
**PAVEMENT MARKING, SIGNAGE
AND LANDSCAPING PLAN**

SCALE: 1" = 20' STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	19
CONTRACT NO. 61E45				

LEGEND

-  TREE PROTECTION WITH TEMPORARY FENCE
-  SHREDDED BARK MULCH, 3 INCH
-  SODDING



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DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING, SIGNAGE
AND LANDSCAPING PLAN

SCALE: 1" = 20' STA. TO STA.

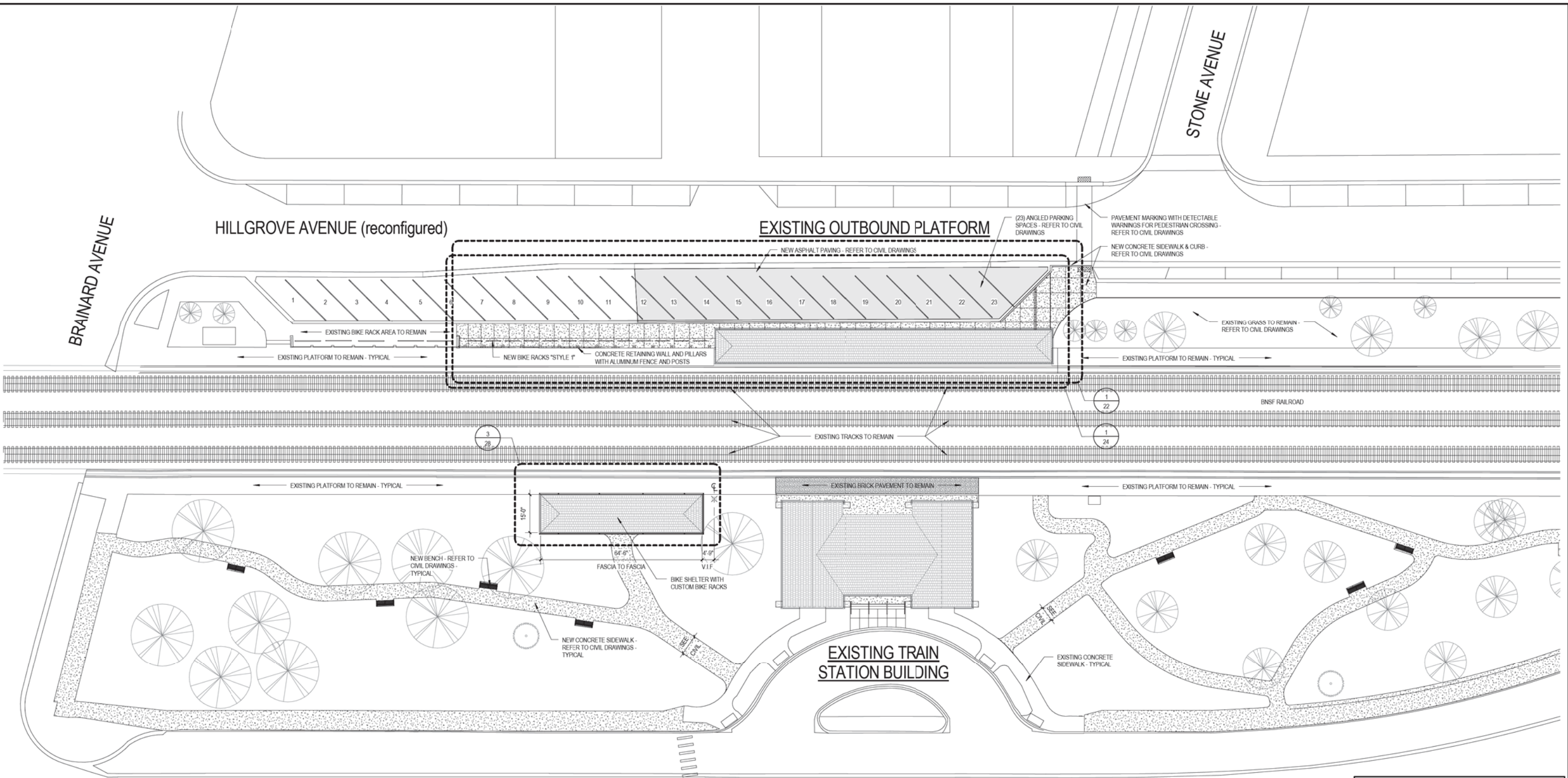
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	20
CONTRACT NO. 61E45				

BRAINARD AVENUE

STONE AVENUE

HILLGROVE AVENUE (reconfigured)

EXISTING OUTBOUND PLATFORM



1 ARCHITECTURAL SITE PLAN
1" = 20'-0"



GENERAL NOTES

A. REFER TO CIVIL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL ROADS, DRIVEWAYS, PARKING LOTS, STRIPING, LANDSCAPE ISLANDS, SIDEWALKS, GRADING AND UTILITIES. THE INFORMATION SHOWN ON THIS SHEET IS FOR GENERAL REFERENCE ONLY.

B. ALL CONCRETE SIDEWALK SCORING IS TO ALIGN WITH LOGICAL BUILDING CORNERS, CHANGES IN DIRECTION, ETC. AND AS GRAPHICALLY SHOWN ON THE DRAWING. AT AREAS WHERE IT IS NOT REQUIRED TO ALIGN WITH ANY OTHER BUILDING OR SITE COMPONENTS, SCORING PATTERN SHALL BE 5'-0" O.C. TYPICAL.

C. GENERAL CONTRACTOR TO PROVIDE TEMPORARY SHORING AS REQUIRED TO PREVENT THE UNDERMINING OF THE EXISTING PLATFORM AND CONCRETE BARRIER CURB, AS WELL AS THAT OF THE EXISTING STEEL CANOPY STRUCTURE DURING CONSTRUCTION. REFER TO TEMPORARY SHORING GUIDELINES INCLUDED IN THE PROJECT SPECIFICATIONS FOR ALL WORK RELATED TO TEMPORARY SHORING.

D. GENERAL CONTRACTOR TO PROVIDE TEMPORARY ENCLOSURES, HANDRAILS AND GUARDRAILS AS REQUIRED TO PROTECT PASSENGERS AND PEDESTRIANS DURING CONSTRUCTION.

E. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL REPAIR, PATCHING OR REPLACEMENT FOR ANY AREAS DAMAGED OR MARKED UP DURING CONSTRUCTION.

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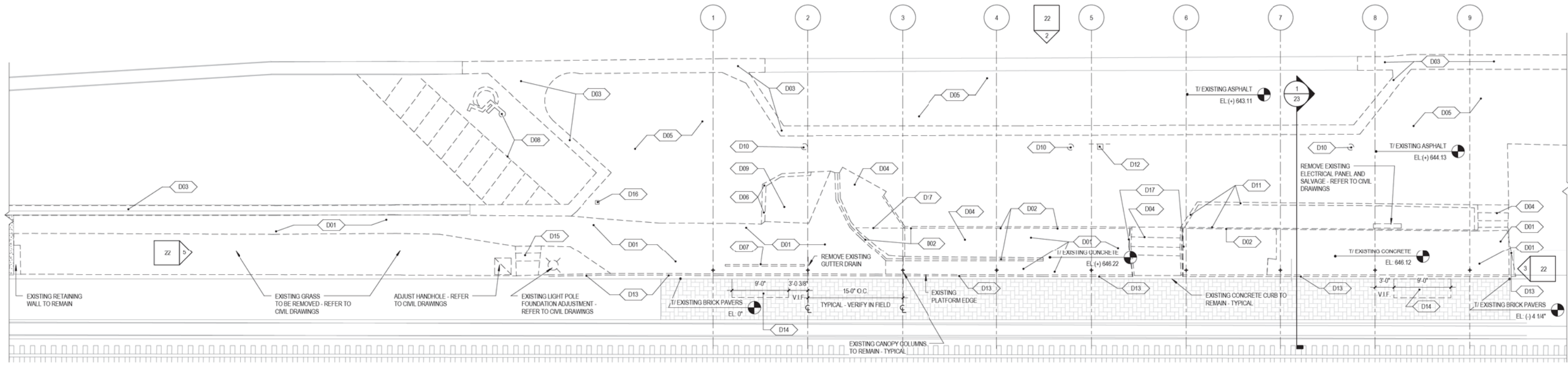
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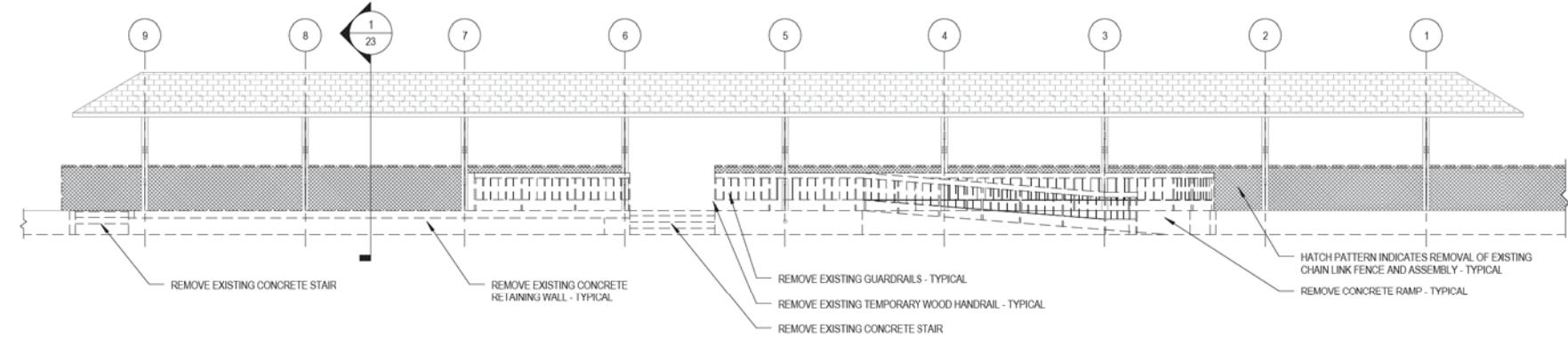
ARCHITECTURAL DETAILS

SCALE: STA. TO STA.

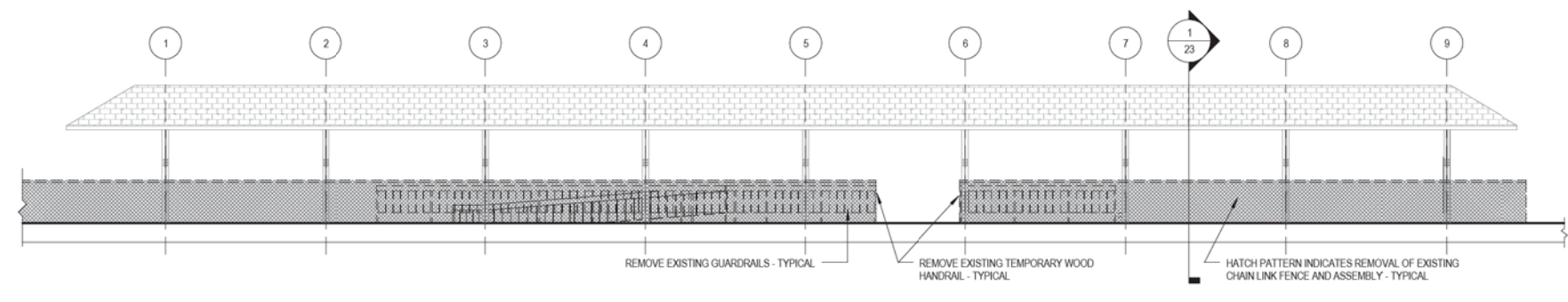
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2070C	14-00089-00-SW	COOK	58	21
CONTRACT NO. 61E45				



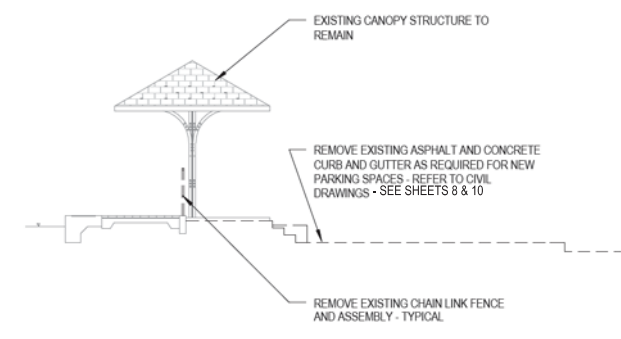
1 OUTBOUND PLATFORM - DEMOLITION PLAN
 1/8" = 1'-0"



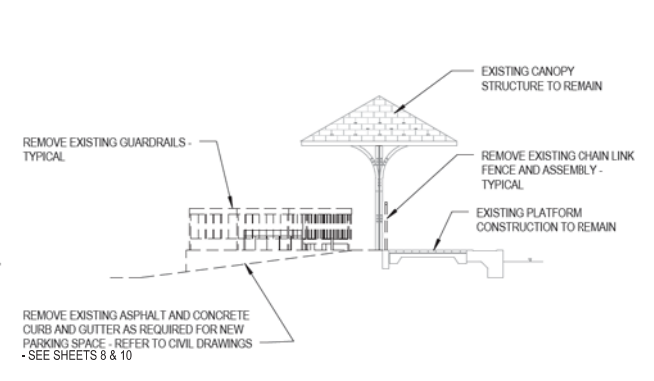
2 OUTBOUND PLATFORM - NORTH DEMOLITION ELEVATION
 1/8" = 1'-0"



4 OUTBOUND PLATFORM - SOUTH DEMOLITION ELEVATION
 1/8" = 1'-0"



3 OUTBOUND PLATFORM - EAST DEMOLITION ELEVATION
 1/8" = 1'-0"



5 OUTBOUND PLATFORM - WEST DEMOLITION ELEVATION
 1/8" = 1'-0"

REFERENCED DEMOLITION NOTES	
D01	REMOVE EXISTING CONCRETE AS REQUIRED FOR NEW CONSTRUCTION - REFER TO CIVIL DRAWINGS
D02	REMOVE EXISTING HANDRAIL AND GUARDRAIL ASSEMBLY
D03	REMOVE EXISTING CONCRETE CURB AND GUTTER - REFER TO CIVIL DRAWINGS
D04	REMOVE EXISTING CONCRETE STAIR AND/OR RAMPS
D05	REMOVE EXISTING ASPHALT AS REQUIRED FOR NEW WORK - REFER TO CIVIL DRAWINGS
D06	REMOVE EXISTING CONCRETE CURB - REFER TO CIVIL DRAWINGS
D07	REMOVE EXISTING BIKE RACKS AND DELIVER TO VILLAGE
D08	REMOVE EXISTING PAVEMENT MARKING - REFER TO CIVIL DRAWINGS
D09	REMOVE EXISTING TREE STUMP/GRASS AREA - REFER TO CIVIL DRAWINGS
D10	REMOVE EXISTING STREET LIGHTING UNIT AND SALVAGE - REFER TO CIVIL DRAWINGS
D11	REMOVE EXISTING CONCRETE RETAINING WALL
D12	REMOVE AND RELOCATE EXISTING METRA SIGNAGE, SIGN, AND POST - REFER TO CIVIL DRAWINGS
D13	REMOVE EXISTING CHAIN LINK FENCE AND RETURN TO THE VILLAGE. REMOVE EXISTING CAULK AT ALL HOLES AND FILL THE HOLES WITH GROUT EXCEPT FOR WHERE EXISTING HOLES ARE REUSED. PRIOR TO DEMOLITION, PROVIDE WARNING SIGNS AND HAVE FENCE REMAIN UNTIL AFTER CONSTRUCTION
D14	REMOVE EXISTING BRICK AS REQUIRED FOR INSTALLATION OF HANDICAPPED DETECTABLE WARNING PAVERS. DELIVER BRICKS TO VILLAGE
D15	REMOVE EXISTING PATIO PAVER STAIRS
D16	REMOVE AND RELOCATE EXISTING PARKING SIGN - REFER TO CIVIL DRAWINGS
D17	REMOVE EXISTING WIND BREAK

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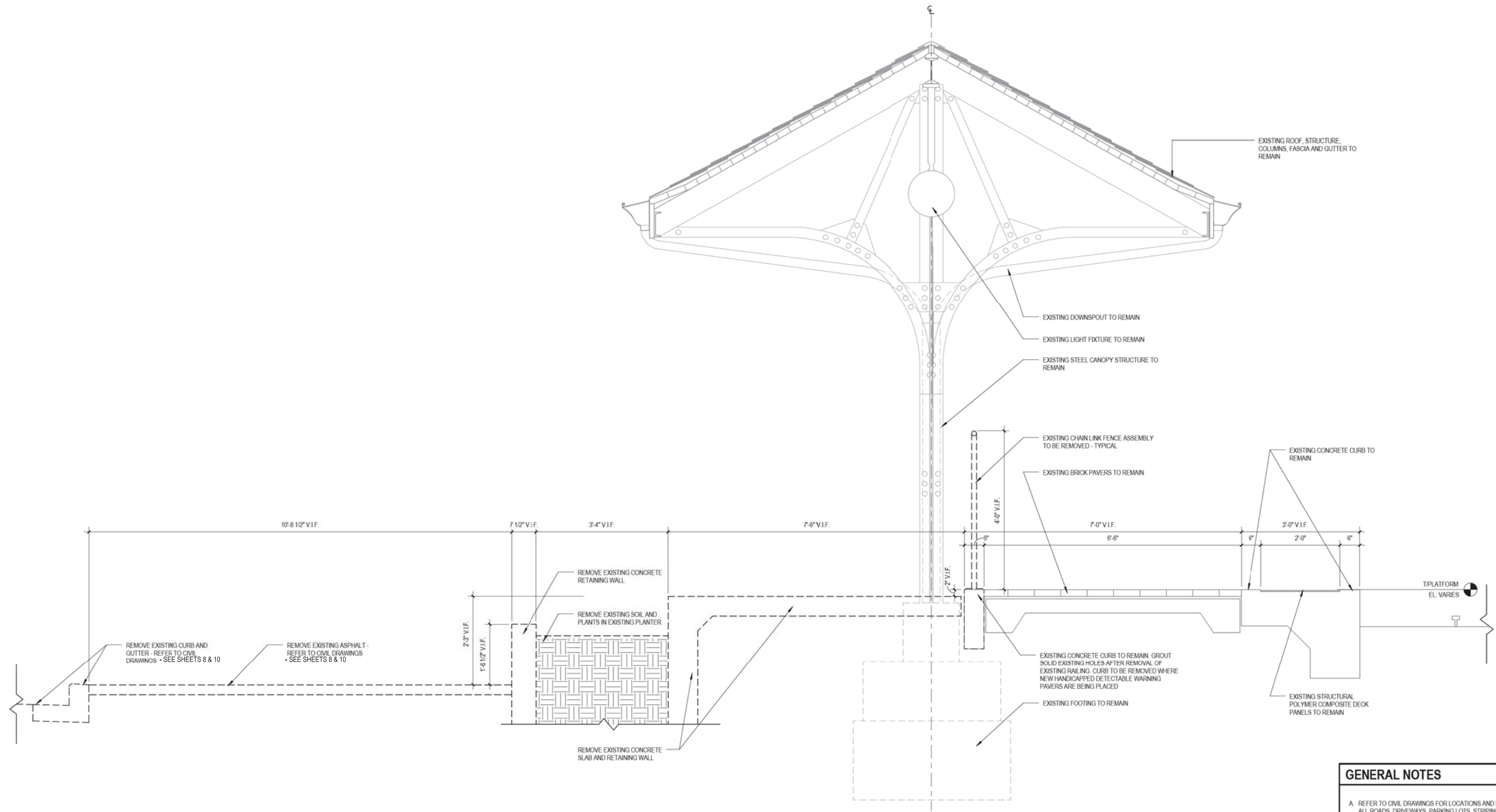
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 DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL DETAILS

SCALE: STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	22
CONTRACT NO. 61E45				

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1 OUTBOUND PLATFORM - DEMOLITION SECTION
 3/4" = 1'-0"

- GENERAL NOTES**
- A. REFER TO CIVIL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL ROADS, DRIVEWAYS, PARKING LOTS, STRIPING, LANDSCAPE ISLANDS, SIDEWALKS, GRADING AND UTILITIES. THE INFORMATION SHOWN ON THIS SHEET IS FOR GENERAL REFERENCE ONLY.
 - B. ALL CONCRETE SIDEWALK SCORING IS TO ALIGN WITH LOGICAL BUILDING CORNERS, CHANGES IN DIRECTION, ETC. AND AS GRAPHICALLY SHOWN ON THE DRAWING. AT AREAS WHERE IT IS NOT REQUIRED TO ALIGN WITH ANY OTHER BUILDING OR SITE COMPONENTS, SCORING PATTERN SHALL BE 5'-0" O.C. TYPICAL.
 - C. GENERAL CONTRACTOR TO PROVIDE TEMPORARY SHORING AS REQUIRED TO PREVENT THE UNDERMINING OF THE EXISTING PLATFORM AND CONCRETE BARRIER CURB, AS WELL AS THAT OF THE EXISTING STEEL CANOPY STRUCTURE DURING CONSTRUCTION. REFER TO TEMPORARY SHORING GUIDELINES INCLUDED IN THE PROJECT SPECIFICATIONS FOR ALL WORK RELATED TO TEMPORARY SHORING.
 - D. GENERAL CONTRACTOR TO PROVIDE TEMPORARY ENCLOSURES, HANDRAILS AND GUARDRAILS AS REQUIRED TO PROTECT PASSENGERS AND PEDESTRIANS DURING CONSTRUCTION.
 - E. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL REPAIR, PATCHING OR REPLACEMENT FOR ANY AREAS DAMAGED OR MARKED UP DURING CONSTRUCTION.

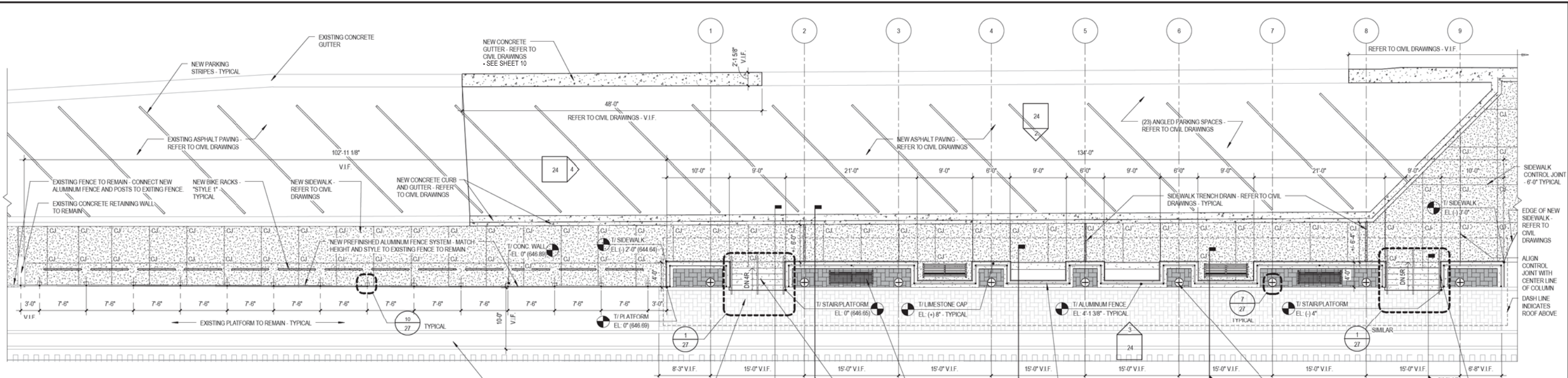
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DRAWN - TW	REVISED -
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DATE - 09-21-17	FILE - 140184SHT-PH2_FromLegat.dgn

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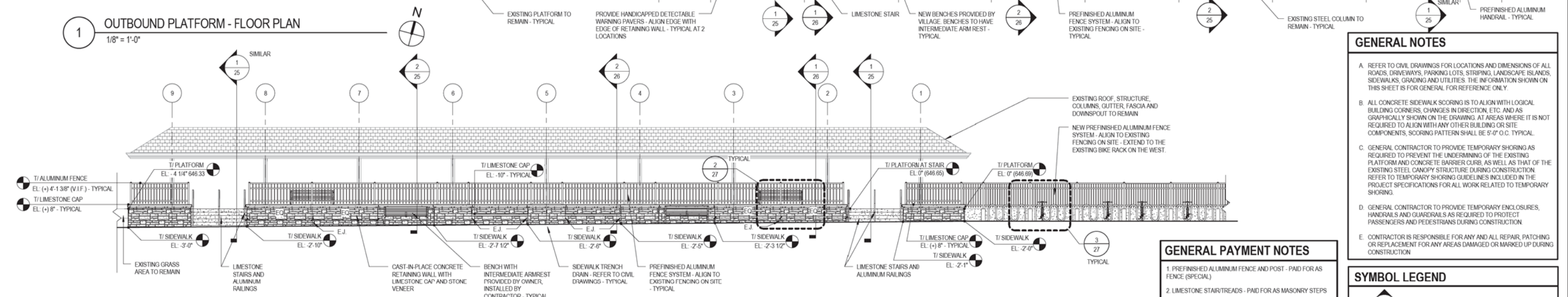
ARCHITECTURAL DETAILS

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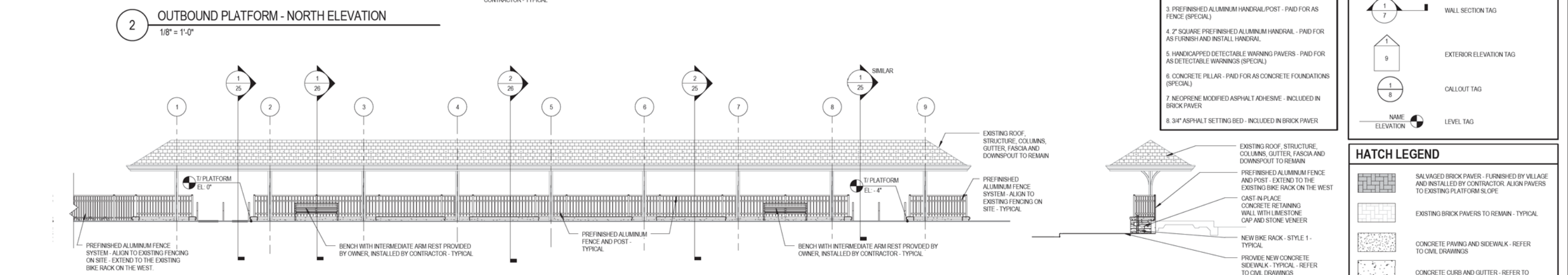
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	23
CONTRACT NO. 61E45				



1 OUTBOUND PLATFORM - FLOOR PLAN
1/8" = 1'-0"



2 OUTBOUND PLATFORM - NORTH ELEVATION
1/8" = 1'-0"



3 OUTBOUND PLATFORM - SOUTH ELEVATION
1/8" = 1'-0"



4 OUTBOUND PLATFORM - WEST ELEVATION
1/8" = 1'-0"

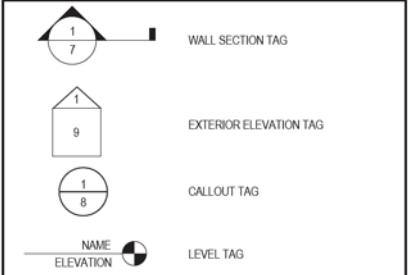
GENERAL NOTES

- A. REFER TO CIVIL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL ROADS, DRIVEWAYS, PARKING LOTS, STRIPING, LANDSCAPE ISLANDS, SIDEWALKS, GRADING AND UTILITIES. THE INFORMATION SHOWN ON THIS SHEET IS FOR GENERAL REFERENCE ONLY.
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- C. GENERAL CONTRACTOR TO PROVIDE TEMPORARY SHORING AS REQUIRED TO PREVENT THE UNDERMINING OF THE EXISTING PLATFORM AND CONCRETE BARRIER CURB, AS WELL AS THAT OF THE EXISTING STEEL CANOPY STRUCTURE DURING CONSTRUCTION. REFER TO TEMPORARY SHORING GUIDELINES INCLUDED IN THE PROJECT SPECIFICATIONS FOR ALL WORK RELATED TO TEMPORARY SHORING.
- D. GENERAL CONTRACTOR TO PROVIDE TEMPORARY ENCLOSURES, HANDRAILS AND GUARDRAILS AS REQUIRED TO PROTECT PASSENGERS AND PEDESTRIANS DURING CONSTRUCTION.
- E. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL REPAIR, PATCHING OR REPLACEMENT FOR ANY AREAS DAMAGED OR MARKED UP DURING CONSTRUCTION.

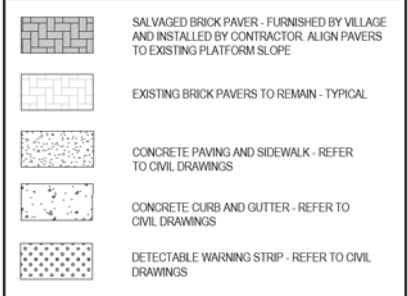
GENERAL PAYMENT NOTES

- 1. PREFINISHED ALUMINUM FENCE AND POST - PAID FOR AS FENCE (SPECIAL)
- 2. LIMESTONE STAIR/TREADS - PAID FOR AS MASONRY STEPS
- 3. PREFINISHED ALUMINUM HANDRAIL/POST - PAID FOR AS FENCE (SPECIAL)
- 4. 2" SQUARE PREFINISHED ALUMINUM HANDRAIL - PAID FOR AS FURNISH AND INSTALL HANDRAIL
- 5. HANDICAPPED DETECTABLE WARNING PAVERS - PAID FOR AS DETECTABLE WARNINGS (SPECIAL)
- 6. CONCRETE PILLAR - PAID FOR AS CONCRETE FOUNDATIONS (SPECIAL)
- 7. NEOPRENE MODIFIED ASPHALT ADHESIVE - INCLUDED IN BRICK PAVER
- 8. 3/4" ASPHALT SETTING BED - INCLUDED IN BRICK PAVER

SYMBOL LEGEND



HATCH LEGEND



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CHECKED - MR	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL DETAILS

SCALE: STA. TO STA.

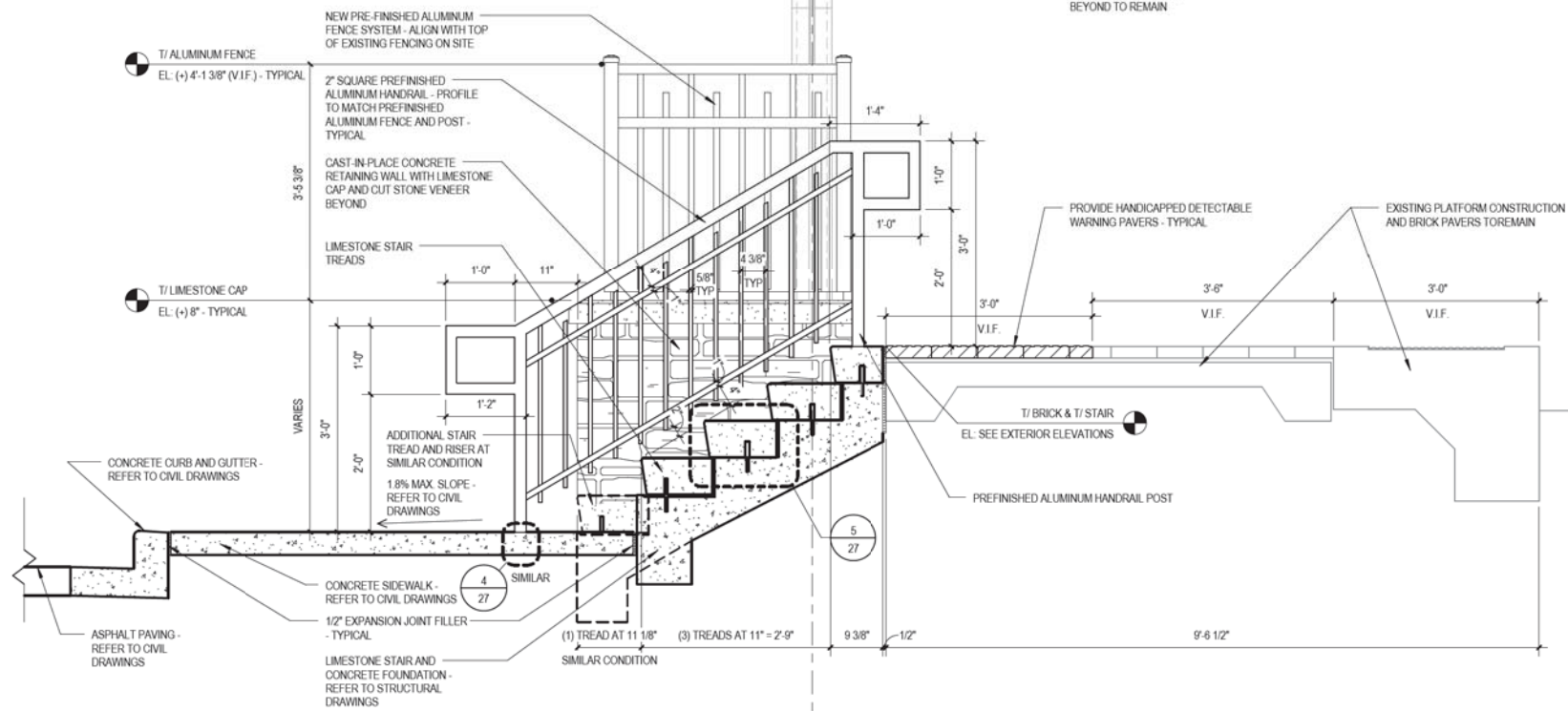
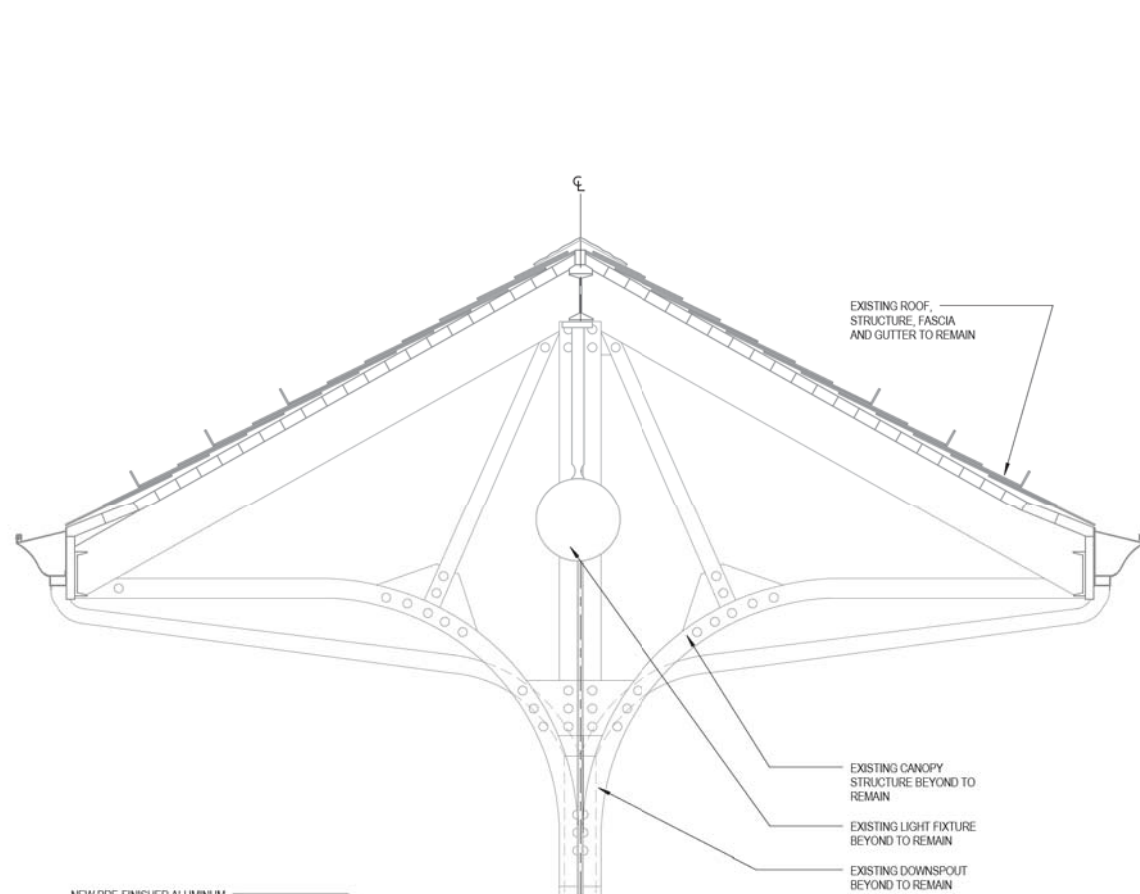
MUN. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	24
CONTRACT NO. 61E45				

GENERAL NOTES

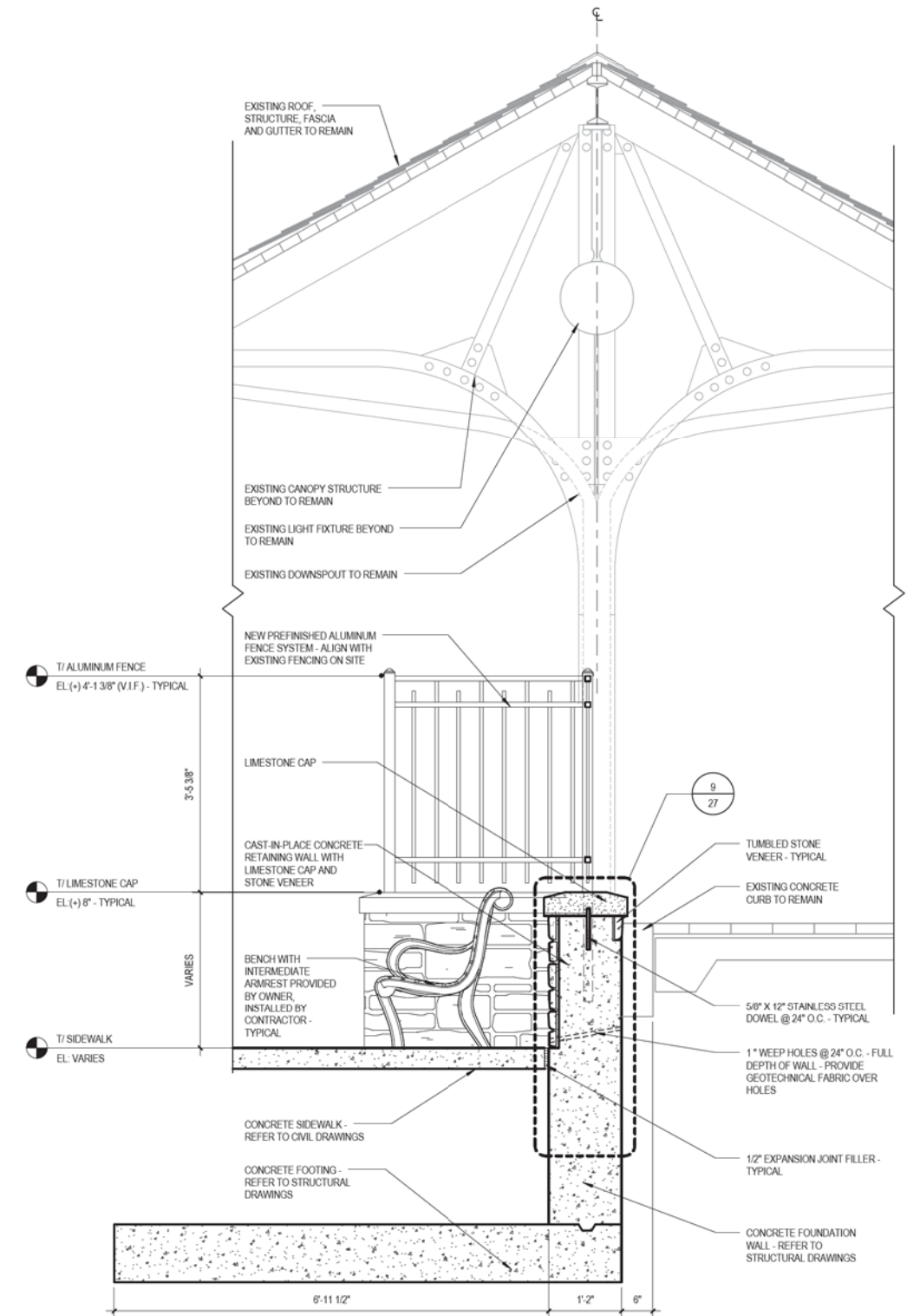
- A. REFER TO CIVIL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF ALL ROADS, DRIVEWAYS, PARKING LOTS, STRIPING, LANDSCAPE ISLANDS, SIDEWALKS, GRADING AND UTILITIES. THE INFORMATION SHOWN ON THIS SHEET IS FOR GENERAL REFERENCE ONLY.
- B. ALL CONCRETE SIDEWALK SCORING IS TO ALIGN WITH LOGICAL BUILDING CORNERS, CHANGES IN DIRECTION, ETC. AND AS GRAPHICALLY SHOWN ON THE DRAWING. AT AREAS WHERE IT IS NOT REQUIRED TO ALIGN WITH ANY OTHER BUILDING OR SITE COMPONENTS, SCORING PATTERN SHALL BE 9'-0" O.C. TYPICAL.
- C. GENERAL CONTRACTOR TO PROVIDE TEMPORARY SHORING AS REQUIRED TO PREVENT THE UNDERMINING OF THE EXISTING PLATFORM AND CONCRETE BARRIER CURB, AS WELL AS THAT OF THE EXISTING STEEL CANOPY STRUCTURE DURING CONSTRUCTION. REFER TO TEMPORARY SHORING GUIDELINES INCLUDED IN THE PROJECT SPECIFICATIONS FOR ALL WORK RELATED TO TEMPORARY SHORING.
- D. GENERAL CONTRACTOR TO PROVIDE TEMPORARY ENCLOSURES, HANDRAILS AND GUARDRAILS AS REQUIRED TO PROTECT PASSENGERS AND PEDESTRIANS DURING CONSTRUCTION.
- E. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL REPAIR, PATCHING OR REPLACEMENT FOR ANY AREAS DAMAGED OR MARKED UP DURING CONSTRUCTION.

GENERAL PAYMENT NOTES

- 1. PREFINISHED ALUMINUM FENCE AND POST - PAID FOR AS FENCE (SPECIAL)
- 2. LIMESTONE STAIR/TREADS - PAID FOR AS MASONRY STEPS
- 3. PREFINISHED ALUMINUM HANDRAIL/POST - PAID FOR AS FENCE (SPECIAL)
- 4. 2" SQUARE PREFINISHED ALUMINUM HANDRAIL - PAID FOR AS FURNISH AND INSTALL HANDRAIL
- 5. HANDICAPPED DETECTABLE WARNING PAVERS - PAID FOR AS DETECTABLE WARNINGS (SPECIAL)
- 6. CONCRETE PILLAR - PAID FOR AS CONCRETE FOUNDATIONS (SPECIAL)
- 7. NEOPRENE MODIFIED ASPHALT ADHESIVE - INCLUDED IN BRICK PAVER
- 8. 3/4" ASPHALT SETTING BED - INCLUDED IN BRICK PAVER



1 OUTBOUND PLATFORM CANOPY SECTION AT WEST STAIRS
3/4" = 1'-0"



2 OUTBOUND PLATFORM CANOPY SECTION AT BENCHES
3/4" = 1'-0"

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	CHECKED - MR	REVISED -
	DATE - 09-21-17	FILE - 140184SHT-PH2_FromLegat.dgn

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DEPARTMENT OF TRANSPORTATION**

ARCHITECTURAL DETAILS

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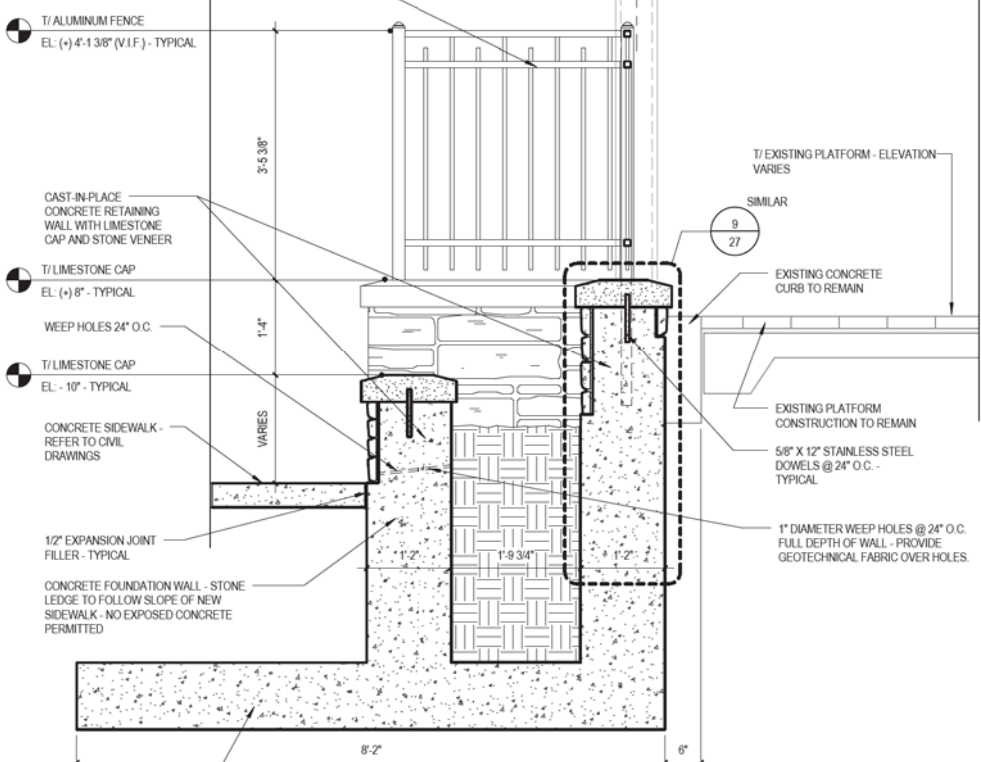
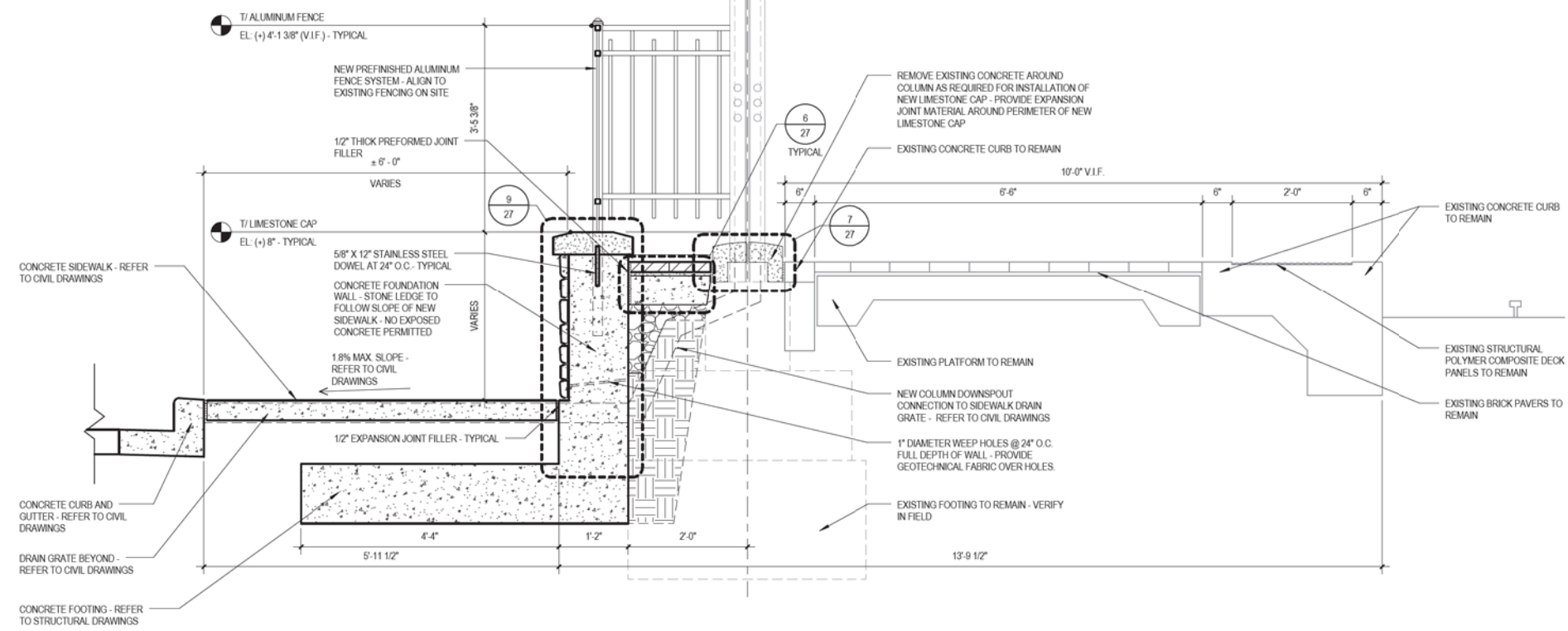
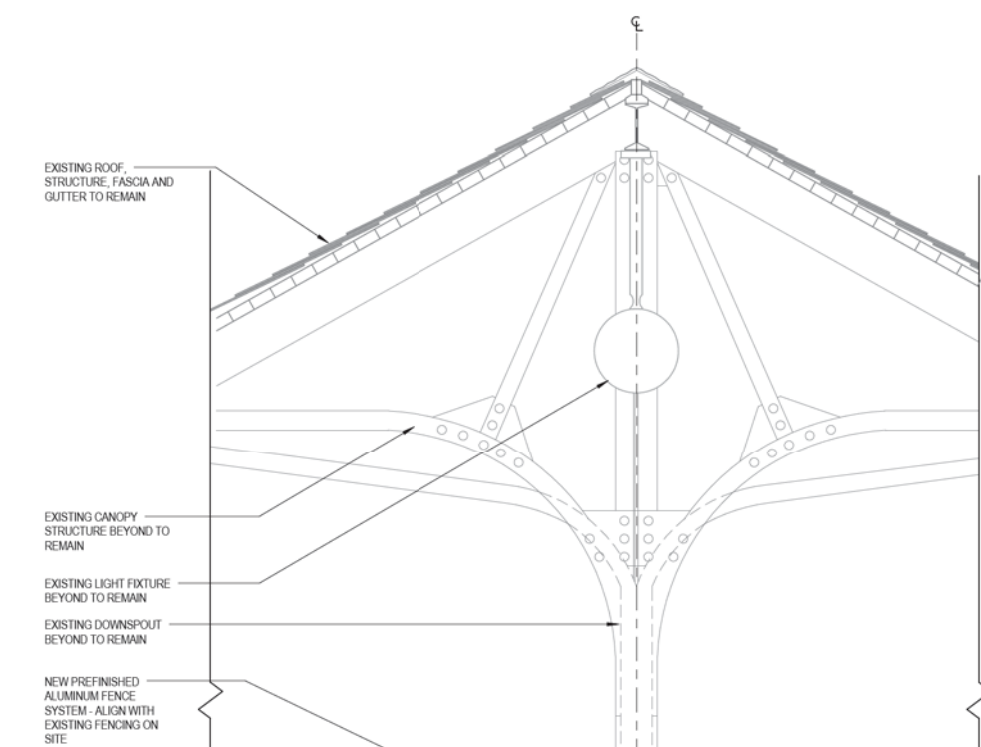
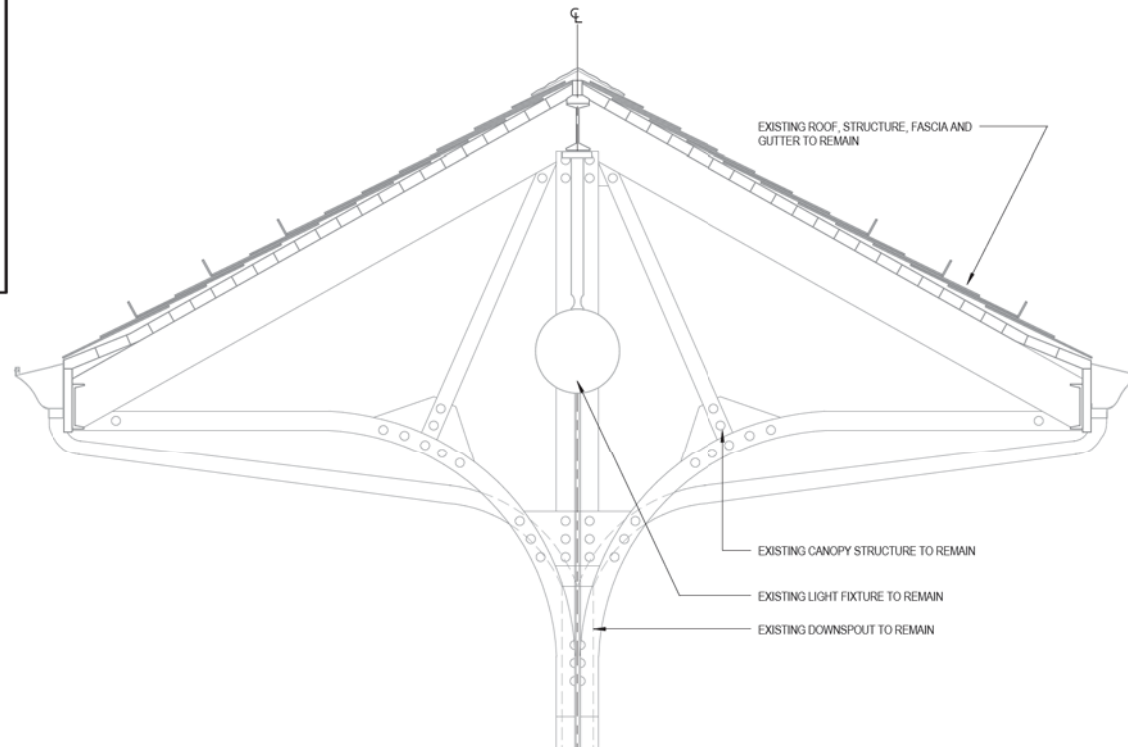
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	25
CONTRACT NO. 61E45				

GENERAL NOTES

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- 5. HANDICAPPED DETECTABLE WARNING PAVERS - PAID FOR AS DETECTABLE WARNINGS (SPECIAL)
- 6. CONCRETE PILLAR - PAID FOR AS CONCRETE FOUNDATIONS (SPECIAL)
- 7. NEOPRENE MODIFIED ASPHALT ADHESIVE - INCLUDED IN BRICK PAVER
- 8. 3/4" ASPHALT SETTING BED - INCLUDED IN BRICK PAVER



1 OUTBOUND PLATFORM CANOPY SECTION AT COLUMNS
3/4" = 1'-0"

2 OUTBOUND PLATFORM CANOPY SECTION AT FLOWER BEDS
3/4" = 1'-0"

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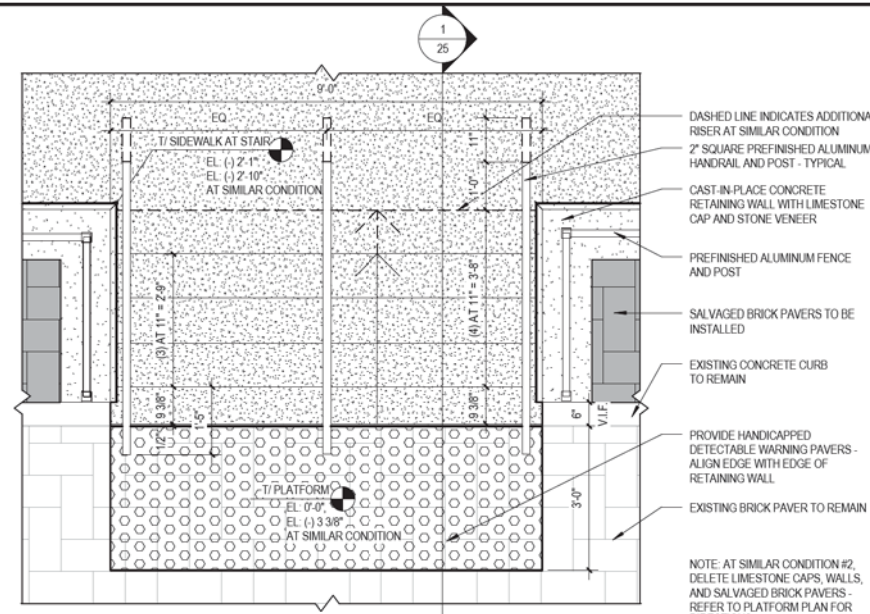
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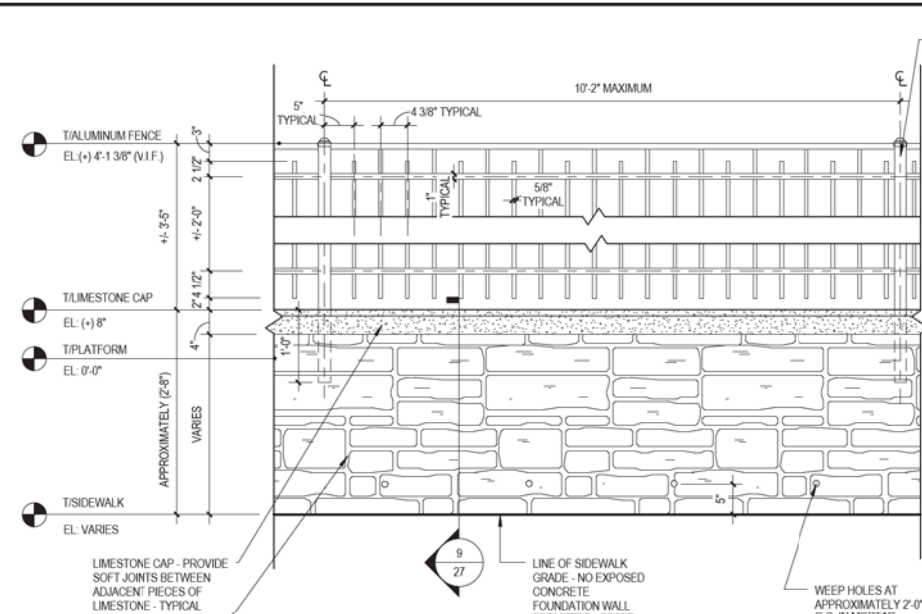
ARCHITECTURAL DETAILS

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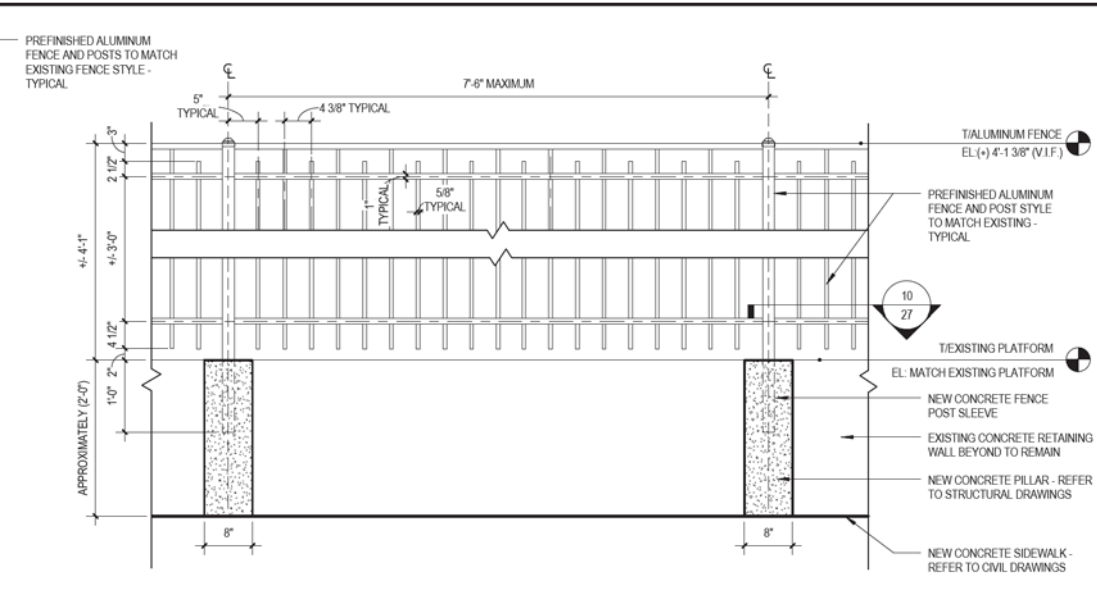
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2070C	14-00089-00-SW	COOK	58	26
CONTRACT NO. 61E45				



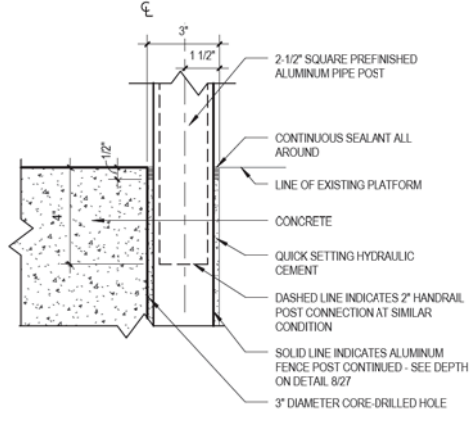
1 ENLARGED STAIR PLAN
1/2" = 1'-0"



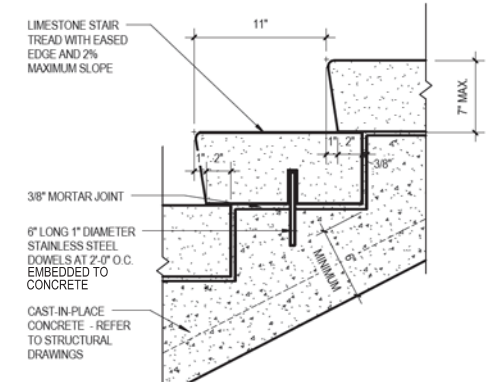
2 ELEVATION DETAIL
3/4" = 1'-0"



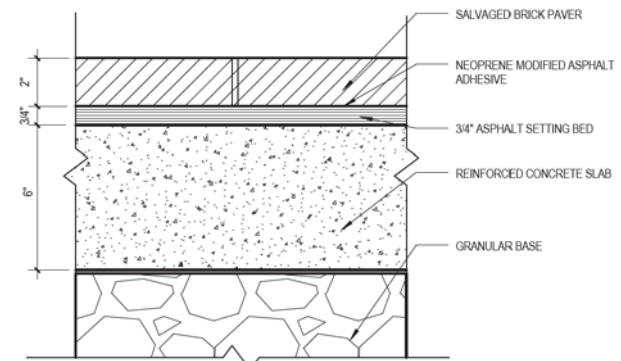
3 FENCE AND POST ELEVATION DETAIL
3/4" = 1'-0"



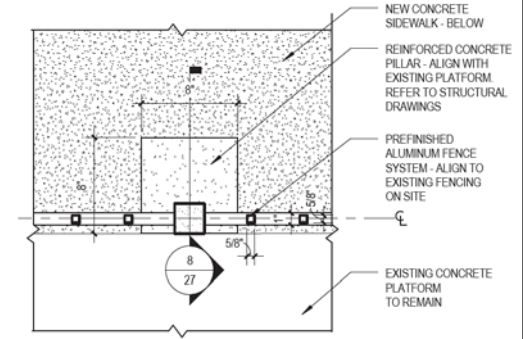
4 RAILING POST DETAIL
3" = 1'-0"



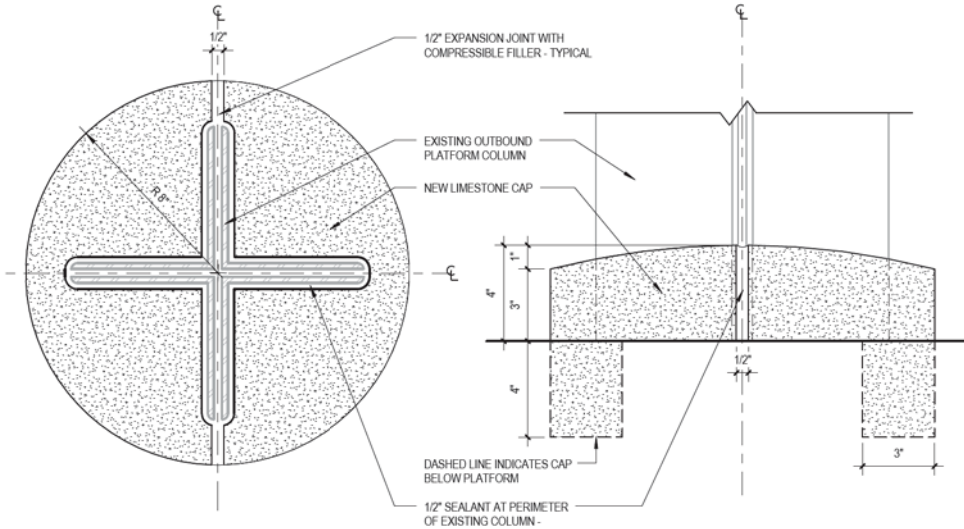
5 ENLARGED STAIR TREAD DETAIL
1 1/2" = 1'-0"



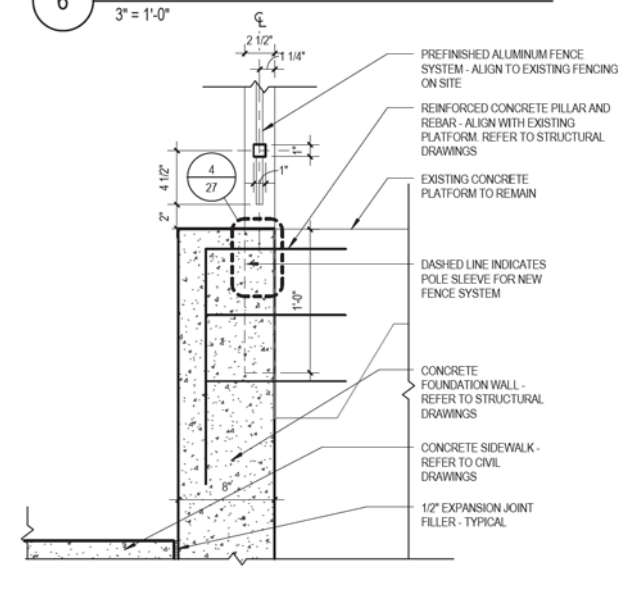
6 BRICK PAVER DETAIL
3" = 1'-0"



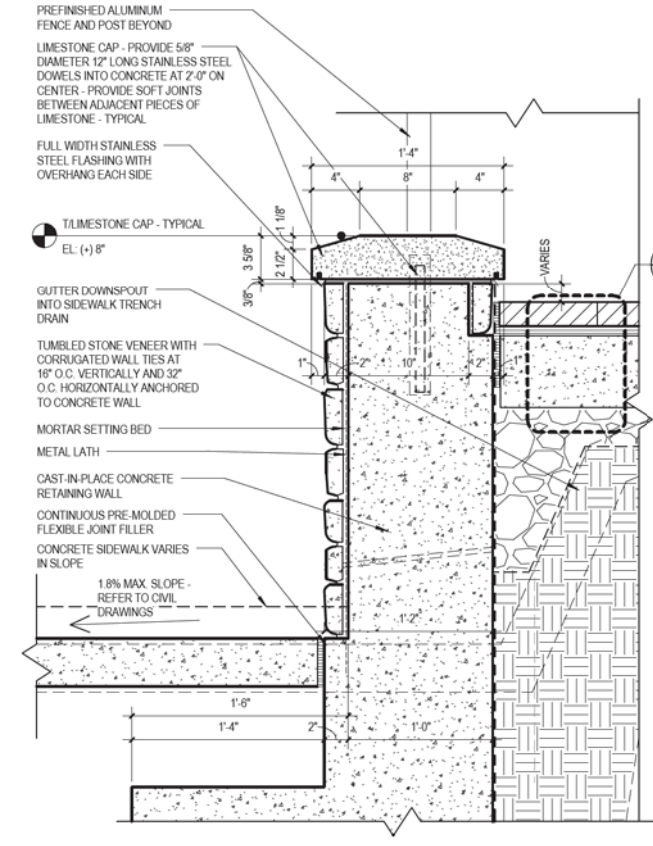
10 FENCE POST PILLAR PLAN
1 1/2" = 1'-0"



7 TYPICAL COLUMN CAP DETAIL
3" = 1'-0"



8 FENCE POST PILLAR SECTION
1 1/2" = 1'-0"



9 RETAINING WALL DETAIL
1 1/2" = 1'-0"

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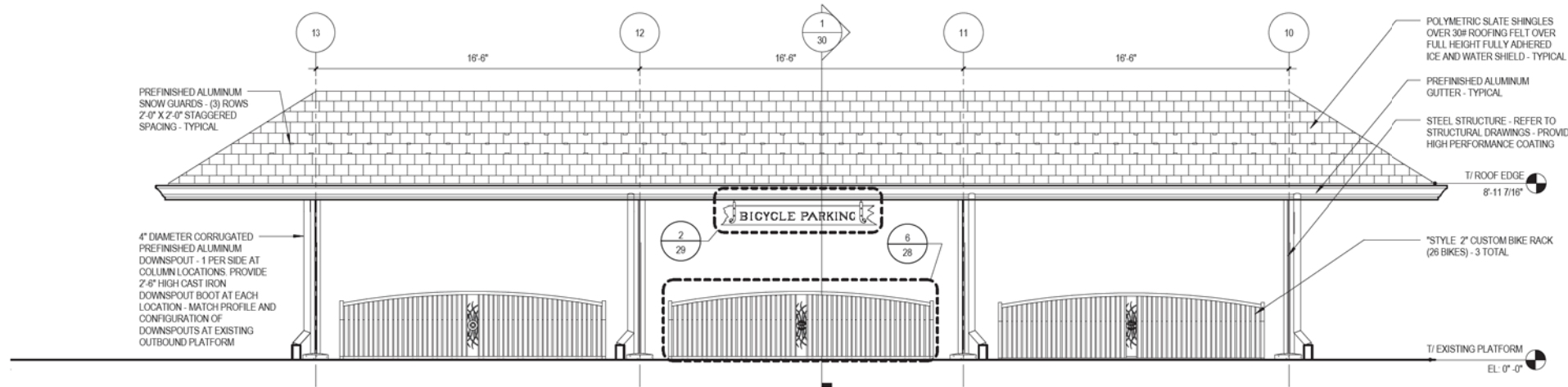
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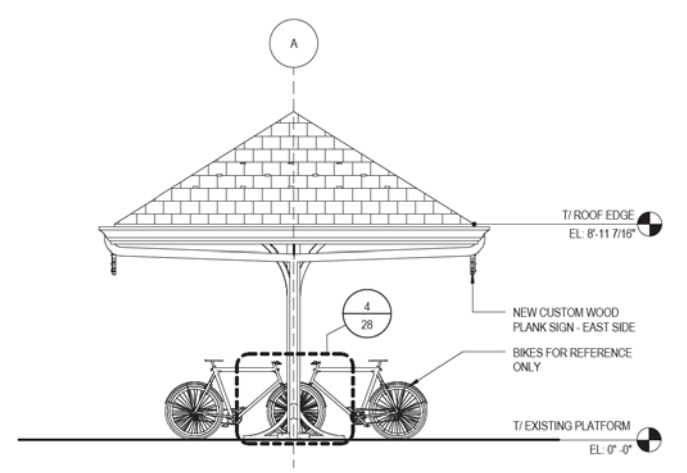
ARCHITECTURAL DETAILS

SCALE: STA. TO STA.

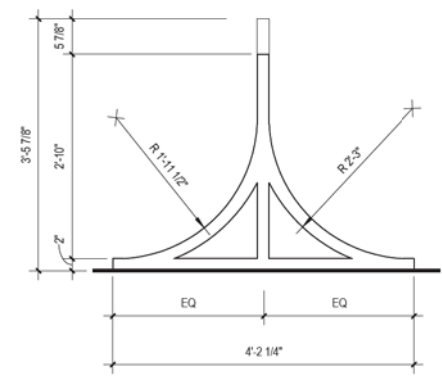
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	27
CONTRACT NO. 61E45				



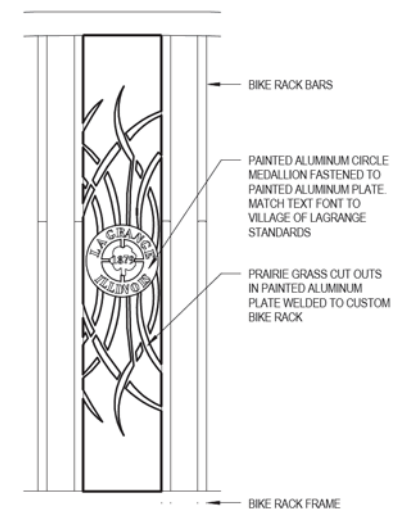
1 BIKE SHELTER - NORTH ELEVATION
1/4" = 1'-0"



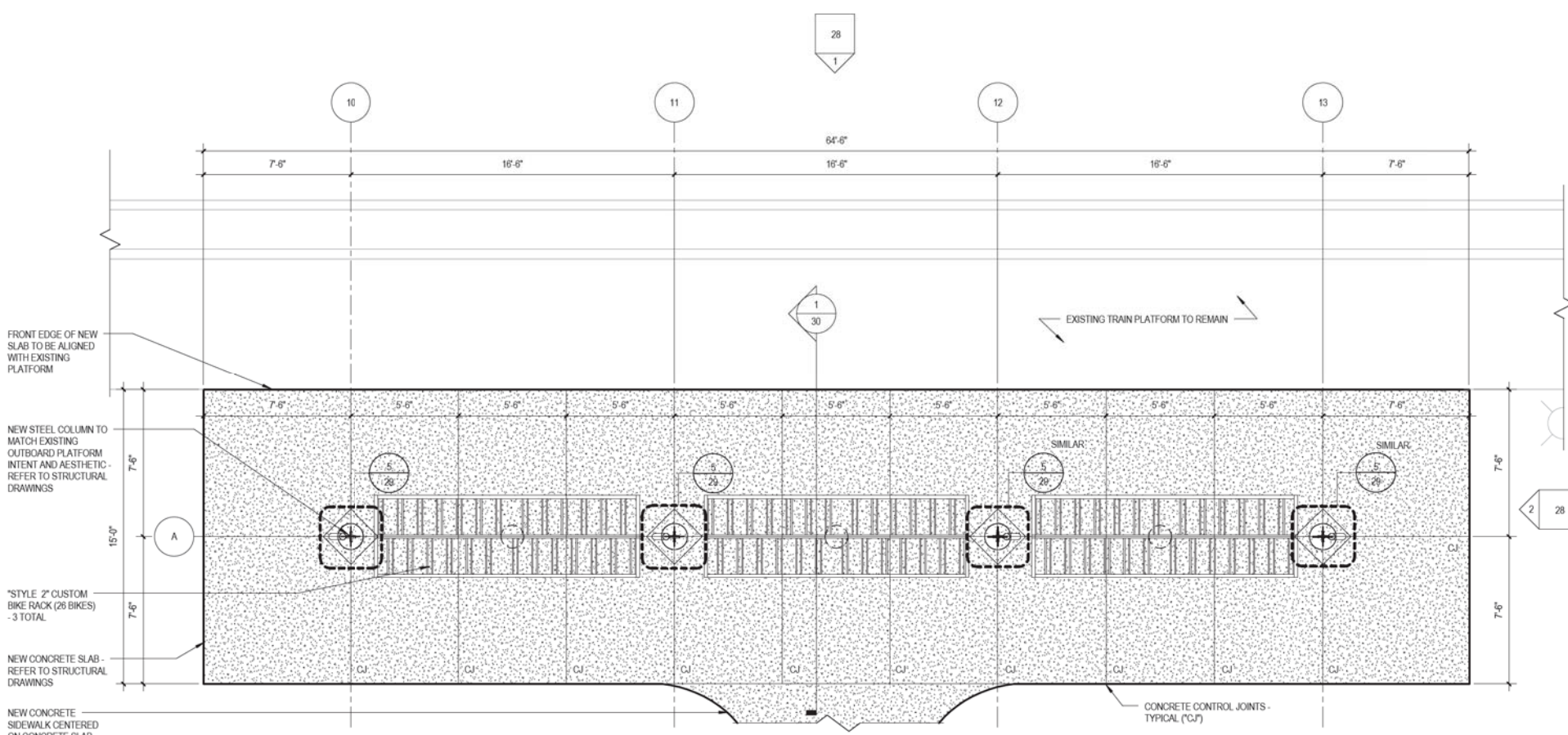
2 BIKE SHELTER - EAST ELEVATION
1/4" = 1'-0"



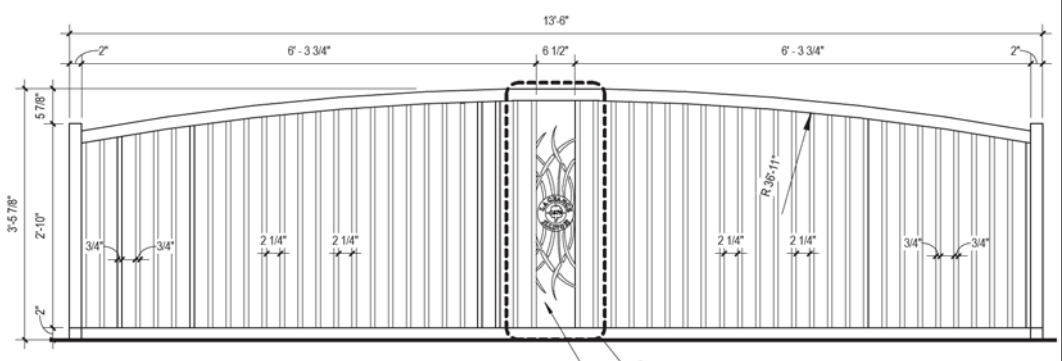
4 "STYLE 2" BIKE RACK SIDE ELEVATION (26 SLOT)
3/4" = 1'-0"



5 ENLARGED LOGO DETAIL
1 1/2" = 1'-0"



3 BIKE SHELTER - FLOOR PLAN
1/4" = 1'-0"



6 "STYLE 2" BIKE RACK ELEVATION (26 SLOT)
3/4" = 1'-0"

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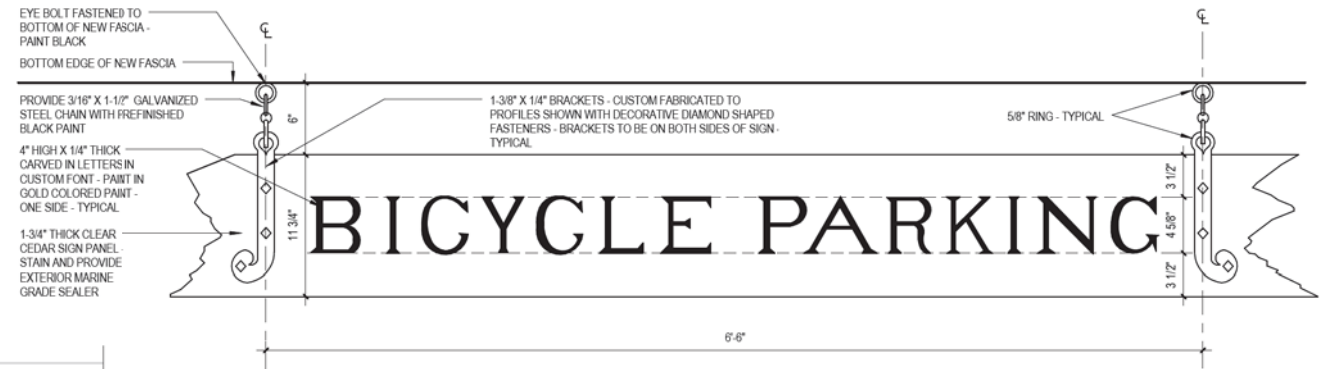
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ARCHITECTURAL DETAILS

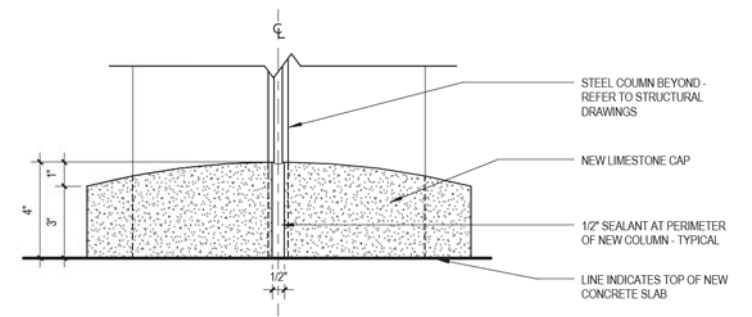
SCALE: STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	28
CONTRACT NO. 61E45				

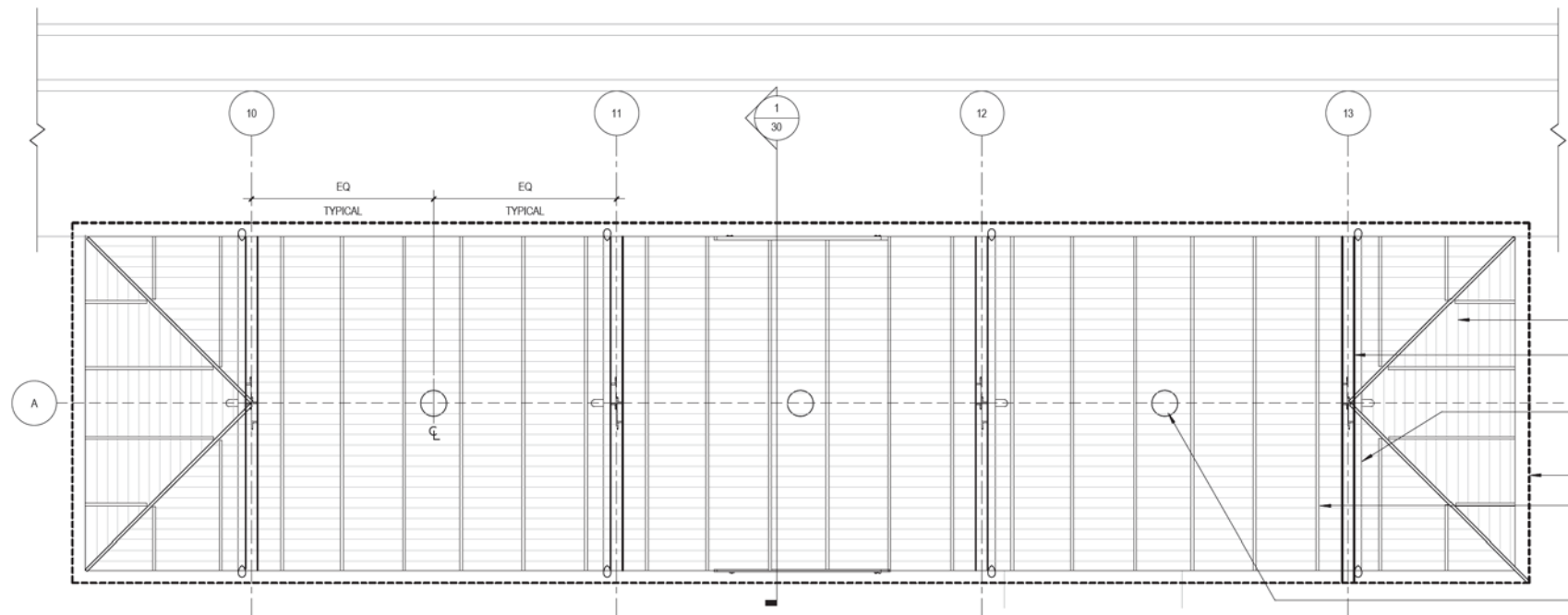


2 BIKE SHELTER SIGN - SIDE ELEVATION (2 TOTAL)
1 1/2" = 1'-0"

GENERAL PAYMENT NOTES
1. BIKE SHELTER SIGN - PAID FOR AS SIGN PANEL - TYPE 1 (SPECIAL)

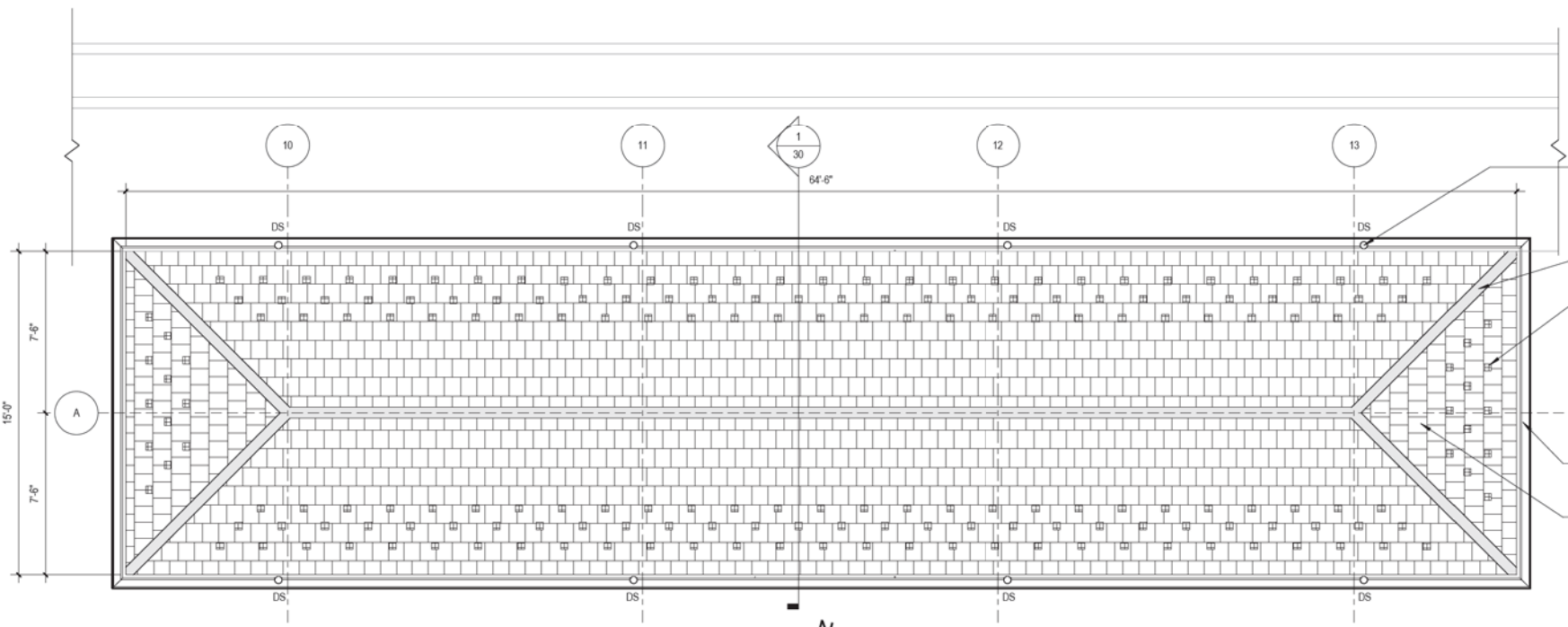


4 ENLARGED COLUMN CAP
3" = 1'-0"

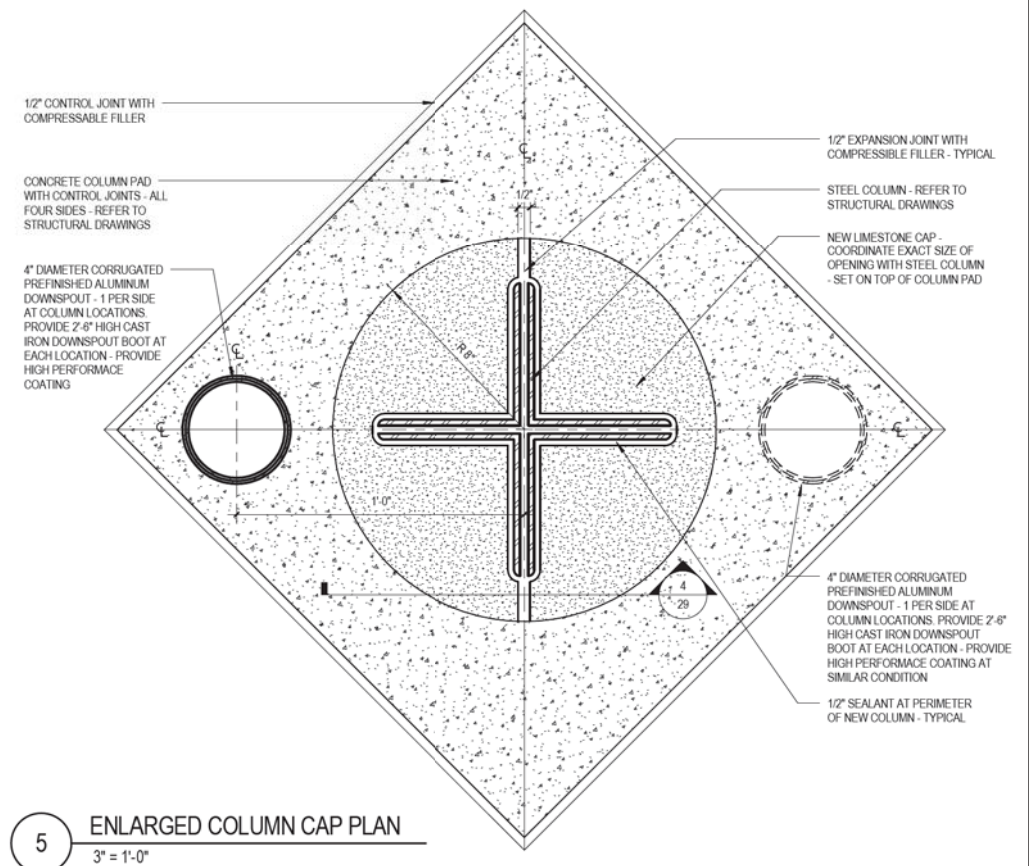


1 BIKE SHELTER - REFLECTED CEILING PLAN
1/4" = 1'-0"

(3) NEW LIGHT FIXTURES - REFER TO ELECTRICAL DRAWINGS



3 BIKE SHELTER - ROOF PLAN
1/4" = 1'-0"



5 ENLARGED COLUMN CAP PLAN
3" = 1'-0"

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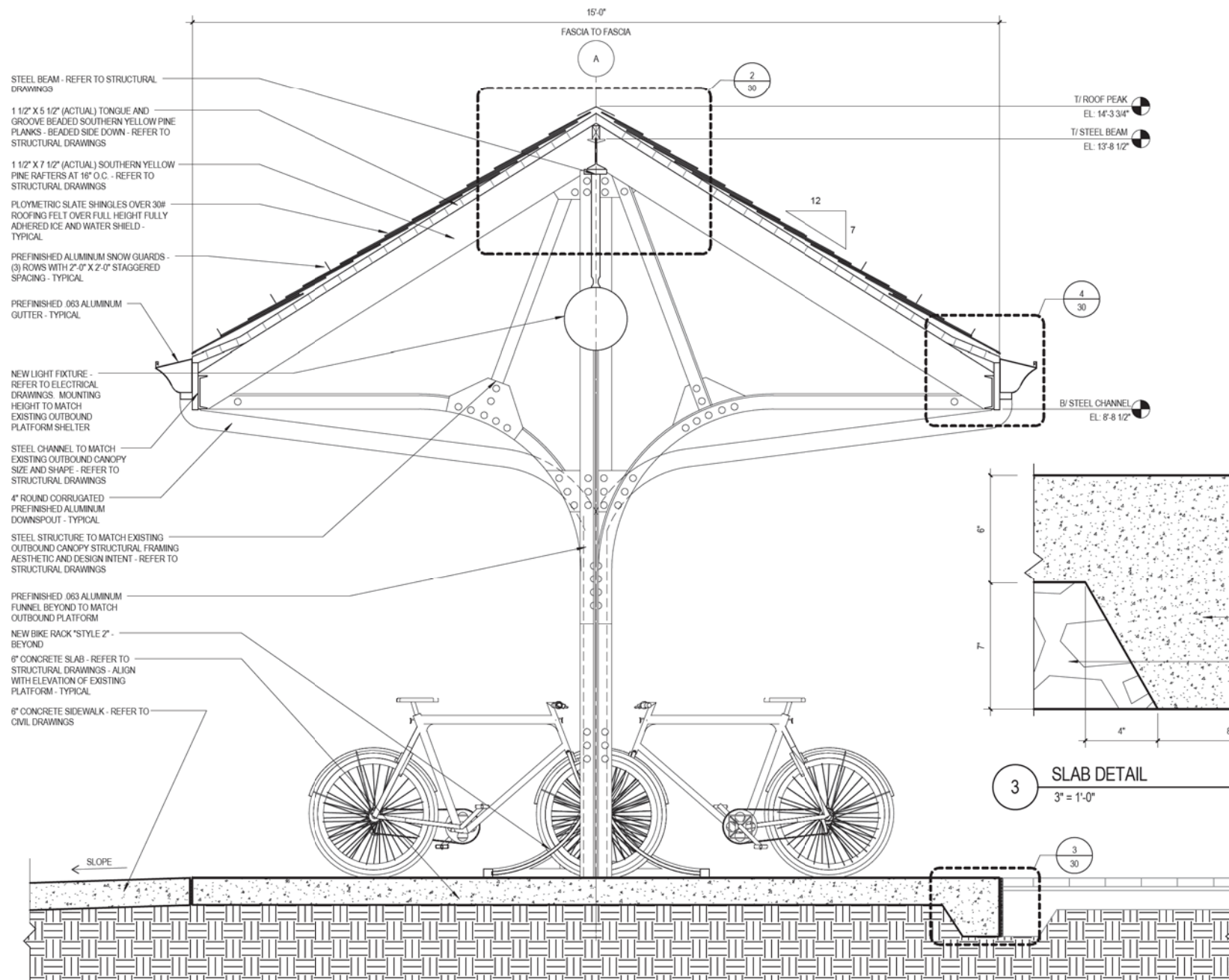
STATE OF ILLINOIS
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ARCHITECTURAL DETAILS

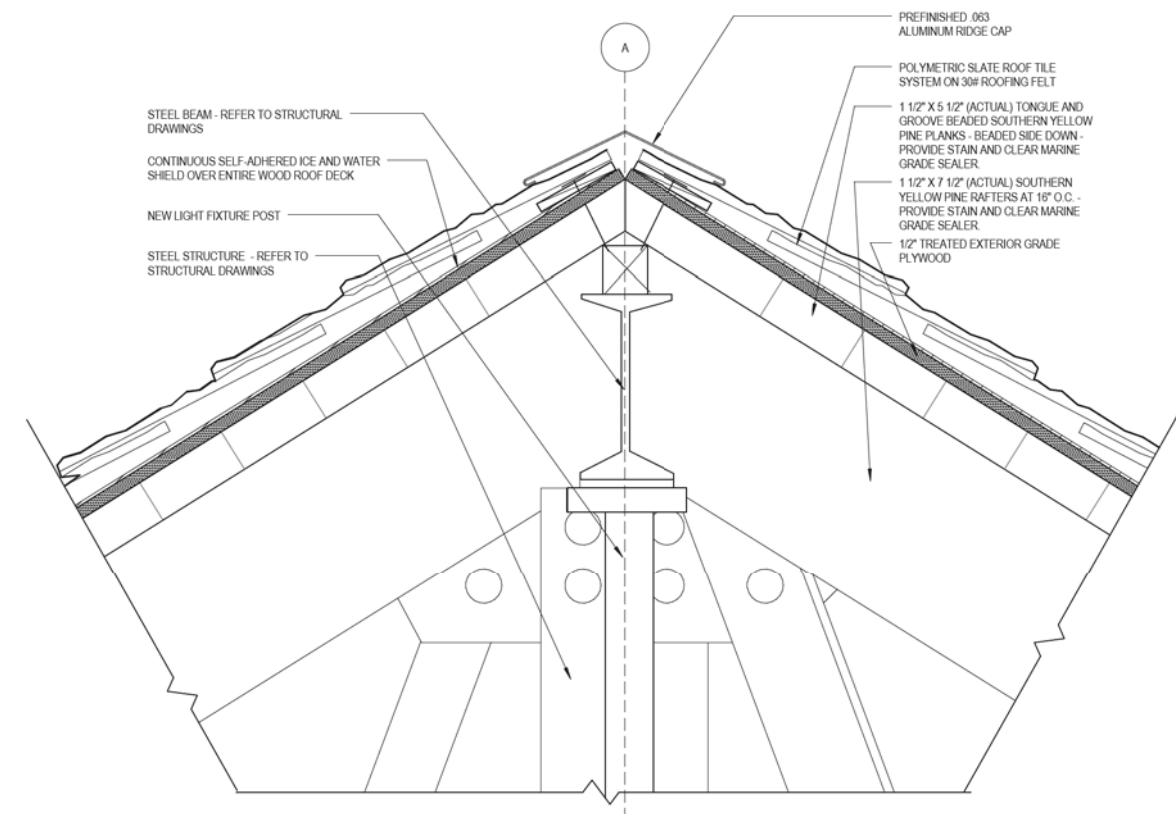
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61E45				

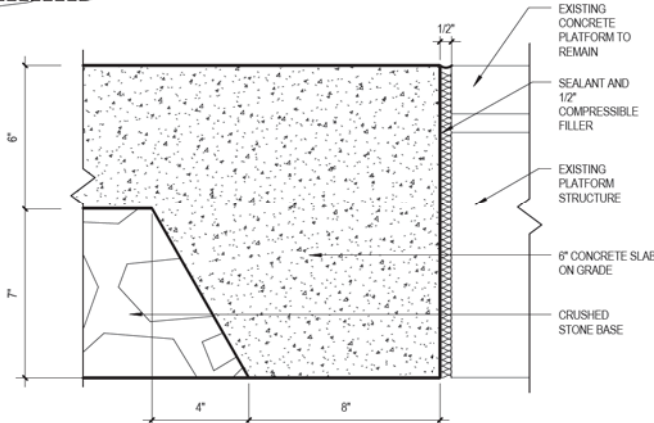
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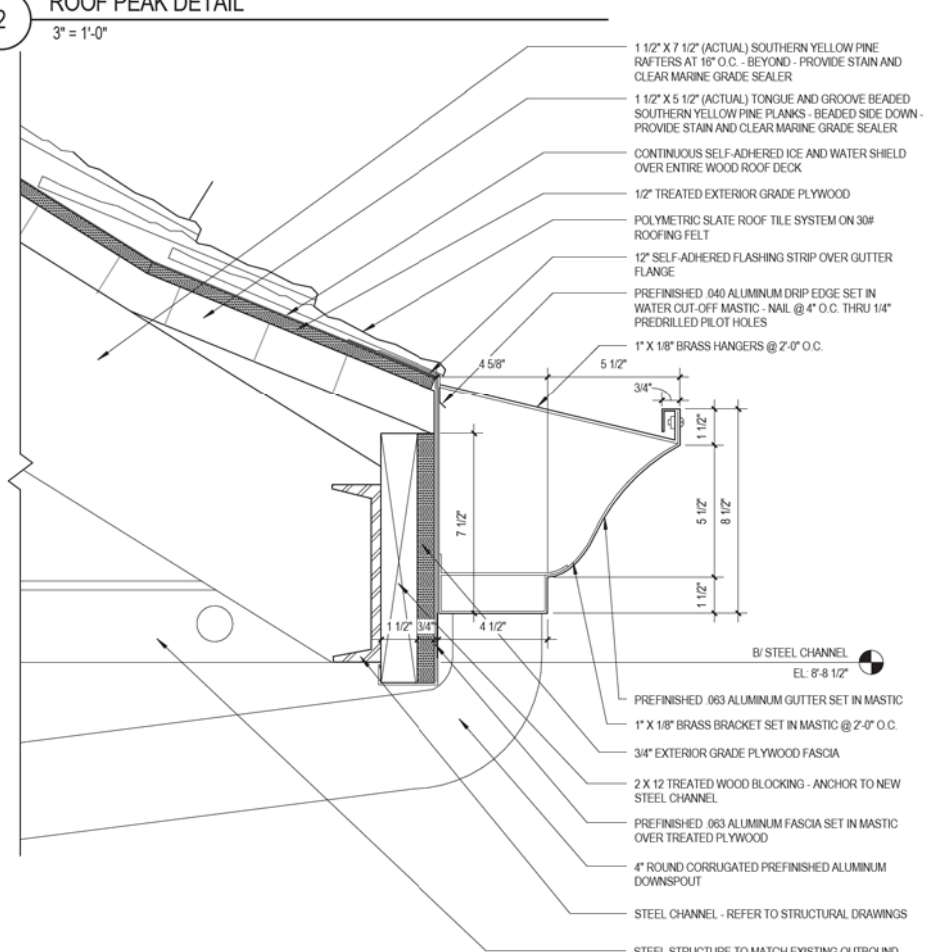
1 BIKE SHELTER SECTION
3/4" = 1'-0"



2 ROOF PEAK DETAIL
3" = 1'-0"



3 SLAB DETAIL
3" = 1'-0"



4 CANOPY EDGE DETAIL
3" = 1'-0"

LEGAT ARCHITECTS
SUSTAINABILITY | PERFORMANCE | DESIGN

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GENERAL STRUCTURAL NOTES

BUILDING CODES USED FOR DESIGN

- 1. BOCA 1996 EDITION

DESIGN LOADS

Table with 2 columns: Load Type and Value. Includes Design Live Loads (Public Areas, Roofs), Roof Snow (Ground, Flat-roof), Wind (3-second gust), and Partition/Equipment loads.

NEW CONSTRUCTION

- 1. THE CONTRACTOR SHALL FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE DRAWINGS.
2. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE CONSTRUCTED TO APPLY AT ANY SIMILAR CONDITION ELSEWHERE ON THE JOB...
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS...

NEW WORK IN CONJUNCTION WITH EXISTING CONSTRUCTION

- 1. THE CONTRACTOR SHALL VERIFY, BY FIELD CHECK, ALL SIZES, DIMENSIONS, ELEVATIONS, LOCATIONS, ETC. OF ELEMENTS OF THE EXISTING CONSTRUCTION WHICH ARE RELATIVE TO THE NEW CONSTRUCTION.
2. ALL DIMENSIONS INVOLVING NEW WORK TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION SHALL BE FIELD CHECKED BY THE CONTRACTOR...
3. THE ENGINEER HAS MADE ASSUMPTIONS CONCERNING THE SOUNDNESS OF THE EXISTING STRUCTURE...

BACKFILLING

- 1. ALL FOUNDATIONS SHALL BE ADEQUATELY BRACED TO PREVENT LATERAL MOVEMENT DURING BACKFILLING AND COMPACTION.
2. FOUNDATIONS SHALL BE BACKFILLED AS SOON AS PRACTICABLE SO AS TO LIMIT THE EFFECTS OF WATER INFILTRATION AND FROST HEAVE.

FOUNDATION/UNDERGROUND MECHANICAL COORDINATION

- 1. UNDERGROUND SEWER, WATER, GAS LINES, ETC. CROSSING CONTINUOUS WALL FOUNDATIONS SHALL NOT PASS THROUGH FOOTINGS. WHERE PIPE OCCURS ABOVE TOP OF FOOTING, SLEEVE THROUGH WALL...

CONCRETE

- 1. ALL CONCRETE WORK INCLUDING FORMING, REINFORCING, MIXING, PLACING AND CURING SHALL BE IN ACCORDANCE WITH THE ACI MANUAL OF CONCRETE PRACTICE INCLUDING "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318 AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE," ACI 301 AND IDOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
2. ALL CONCRETE SHALL ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH PER PROJECT (IDOT) SPECIFICATIONS FOR FOUNDATIONS AND SLABS AT 28 DAYS FOR IDOT PORTLAND CEMENT MIX DESIGN CLASS SL.
3. CONCRETE SHALL BE VIBRATED INTO FORMS WHILE PLACING, WITHOUT OVER-VIBRATING. REINFORCING SHALL BE PROTECTED BY CONCRETE OF THICKNESS AS FOLLOWS:

Table for concrete thickness requirements: Footings (3"), Piers (1 1/2" to ties), Other foundation (2" both faces), Exposed exterior concrete (2"), Slab on grade (1/3 from top).

- 4. SLABS-ON-GRADE SHALL BE PLACED IN CONTINUOUS STRIPS PER ACI RECOMMENDATIONS.
5. COORDINATE CONCRETE WORK WITH THAT OF OTHER TRADES TO ALLOW FOR SETTING OF SLEEVES, ACCESSORIES, ETC.
6. ALL ANCHOR RODS SHALL BE IN PLACE PRIOR TO POURING OF CONCRETE.
7. ALL CONCRETE SHALL BE AIR ENTRAINED PER PROJECT SPECIFICATION.

REINFORCING STEEL

- 1. THE REINFORCING STEEL CONTRACTOR SHALL FABRICATE ALL REINFORCEMENT AND FURNISH ACCESSORIES, CHAIRS, SPACER BARS AND SUPPORTS NECESSARY TO SECURE THE REINFORCEMENT UNLESS SHOWN OTHERWISE ON THE PLANS AND/OR DETAILS.
2. REINFORCING STEEL SHALL BE ASTM A706, GRADE 60, DEFORMED BARS, EPOXY COATED.
3. WELDED WIRE REINFORCING SHALL BE SUPPLIED IN FLAT SHEETS AND SHALL CONFORM TO ASTM A1064.
4. CONCRETE REINFORCEMENT SHALL BE PLACED ACCORDING TO CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCEMENT BARS."
5. ALL REINFORCEMENT SPLICES SHALL BE LAPPED 48 BAR DIAMETERS MINIMUM UNLESS OTHERWISE NOTED. PROVIDE CORNER BARS FOR ALL HORIZONTAL REINFORCEMENT AT CORNERS AND INTERSECTIONS.
6. TOP BARS SHALL BE HOOKED AT END SPANS.
JOINTS IN CONCRETE

- 1. CONSTRUCTION AND/OR CONTROL JOINTS SHALL BE MADE AS DETAILED ON THE DRAWINGS.
2. CONSTRUCTION AND/OR CONTROL JOINTS FOR SLAB-ON-GRADE CONSTRUCTION SHALL BE LOCATED ON COLUMN LINES.
3. MAXIMUM SPACING OF CONSTRUCTION AND/OR CONTROL JOINTS IN SLAB-ON-GRADE CONSTRUCTION SHALL BE 10'-0". JOINTS SHALL BE PLACED TO PRODUCE PANELS THAT ARE AS SQUARE AS POSSIBLE AND NEVER EXCEEDING A LENGTH TO WIDTH RATIO OF 1.5 TO 1.
4. CONSTRUCTION OR CONTRACTION JOINTS IN CONCRETE FOUNDATION WALLS SHALL BE SPACED NO FURTHER THAN 20'-0" APART.
5. CONSTRUCTION JOINTS FOR ELEVATED PLATWORK SHALL BE LOCATED AT THE CENTER OF THE SPAN. REINFORCEMENT SHALL BE CONTINUOUS ACROSS ALL CONSTRUCTION JOINTS.
6. MAXIMUM SPACING OF CONSTRUCTION AND/OR CONTROL JOINTS IN CANTILEVERED RETAINING WALLS SHALL BE 20'-0".
7. 1" EXPANSION JOINTS IN CANTILEVERED RETAINING WALLS SHALL BE PLACED AT 40'-0" ON CENTER MAXIMUM.

EXCAVATION AND EARTHWORK

- 1. A Dewatering system of sufficient capacity shall be installed and operated to maintain the construction area free of water at all times.
2. THE FOUNDATION DESIGN IS BASED ON THE FOLLOWING NET ALLOWABLE BEARING PRESSURE(S):
Spread footings 2000 PSF
Wall footings 2000 PSF
3. ALL FOOTING EXCAVATIONS SHALL BE INSPECTED, PRIOR TO CONCRETE PLACEMENT, BY A SOILS ENGINEER TO VERIFY SUITABLE BEARING MATERIAL OF CAPACITY AS SPECIFIED.
4. NOTIFY THE OWNER'S REPRESENTATIVE WHEN ADDITIONAL EXCAVATION IS REQUIRED TO REACH SUITABLE BEARING MATERIAL.
5. THE SOILS ENGINEER SHALL CERTIFY IN WRITING THAT ALL FOUNDATIONS WERE PLACED ON SOIL WITH THE BEARING VALUE AS SPECIFIED.
6. WITHIN THE EXCAVATION AREA OF THE FOUNDATIONS, ALL VEGETATION, TOPSOIL, PREVIOUSLY PLACED FILL AND UNSUITABLE SOILS SHALL BE REMOVED. ALL FOOTINGS SHALL BEAR ON VIRGIN SOIL OR PROPERLY PLACED AND COMPACTED ENGINEERED FILL.
7. FOUNDATION DESIGN DOES NOT ACCOUNT FOR WINTER CONSTRUCTION. ANY UNENCLOSED/UNHEATED SPACES SHALL BE ADEQUATELY PROTECTED AGAINST FROST DURING WINTER CONSTRUCTION BY CONTRACTOR.

STRUCTURAL STEEL

- 1. FABRICATION AND ERECTION OF STRUCTURAL STEEL MEMBERS SHALL BE IN ACCORDANCE WITH THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AS INDICATED IN THE FIFTEENTH EDITION OF THE "MANUAL OF STEEL CONSTRUCTION" FOR ALLOWABLE STRESS DESIGN UNLESS NOTED OTHERWISE.
2. ALL CONNECTIONS SHALL BE BOLTED OR WELDED AS INDICATED ON PLANS AND SHALL BE DESIGNED FOR THE SERVICE-LOAD END REACTIONS INDICATED ON PLANS, OR IF NOT INDICATED, SHALL BE DESIGNED TO DEVELOP 60% OF THE ALLOWABLE UNIFORM LOAD TABULATED IN THE THIRTEENTH EDITION OF THE AISC "MANUAL OF STEEL CONSTRUCTION" FOR ALLOWABLE STRESS DESIGN, UNLESS NOTED OTHERWISE. NUMBER OF BOLTS MUST SATISFY MINIMUM REQUIREMENTS AS FOLLOWS: 2 BOLTS PER CONNECTION FOR 8" AND 10" DEEP MEMBERS, 3 FOR 12" AND 14" DEEP MEMBERS, 4 FOR 16" AND 18" DEEP MEMBERS, 5 FOR 21" AND 24" DEEP MEMBERS, AND 6 FOR 27" AND DEEPER MEMBERS. PROVIDE SIGNED AND SEALED CALCULATIONS BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF ILLINOIS FOR ALL STEEL CONNECTION DESIGNS.
3. ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING STANDARDS:
Steel wide flanges ASTM A992
Steel angles, channels and plates ASTM A36
Steel pipe ASTM A53, GRADE B OR ASTM A501
STEEL TUBE ASTM A500, GRADE B
4. ALL FILLER METAL USED IN WELDING SHALL BE 70 KSI YIELD, LOW-HYDROGEN.
5. ALL WELDING SHALL BE BY CERTIFIED WELDERS AND SHALL CONFORM TO THE "STRUCTURAL WELDING CODE", AWS D1.1 AND MEET AISC MINIMUM REQUIREMENTS FOR WELD SIZE.
6. FIELD CONNECTIONS ARE TO BE BOLTED AND INSTALLED IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM F3125 GRADE A325 OR A490 BOLTS." USE MIN 3/4" DIAMETER HIGH STRENGTH BOLTS AND NUTS, A325-TYPE 1, UNLESS NOTED OTHERWISE. CONNECTIONS SHALL BE ST TYPE EXCEPT WHERE PT OR SC TYPE CONNECTIONS ARE SPECIFICALLY NOTED. WHERE SC TYPE CONNECTIONS ARE NOTED PROVIDED CLASS A FRAYING SURFACES, WITH SLIP CHECKED AT SERVICE LEVEL.
7. STEEL COLUMN BASE PLATES SHALL BE SIZE SHOWN ON PLAN WITH 1" DIAMETER ANCHOR RODS (F1554, GR 36) UNO AND 1" NON-METALLIC, NON-SHRINK GROUT FOR UNIFORM BEARING.
8. ALL PLATES USED IN BOLTED CONNECTIONS SHALL HAVE ROLLED OR GAS CUT EDGES.
9. ALL STRUCTURAL STEEL AND MISCELLANEOUS METALS SHALL BE PRIME PAINTED AS INDICATED IN THE PROJECT SPECIFICATION. TOUCH UP ALL DISTURBED AREAS AFTER ERECTION. STEEL TO BE FIREPROOFED SHALL RECEIVE PAINT/FINISH PROCESS COMPATIBLE WITH FIREPROOFING.

WOOD DECKING

- 1. DECKING SHALL BE TONGUE AND GROOVE END MATCHED LAMINATED DECKING. EACH PIECE SHALL BE TREATED AND CARRY A W.W.P.A. STAMP.
2. LAMINATING ADHESIVE SHALL BE EXTERIOR WATERPROOF GLUE.
3. FACE SPECIES, SURFACE FINISH AND DECK PATTERN SHALL BE PER ARCHITECT'S SPECIFICATIONS.
4. SIZES SHALL BE AS SHOWN ON PLAN.
5. WOOD DECKING LAYUP SHALL BE CONTROLLED RANDOM, UNLESS NOTED OTHERWISE.
6. NAIL EACH DECKING COURSE TO TONGUE OF ADJOINING COURSE IN PRE DRILLED EDGE HOLES. USE 8d NAILS FOR 2" DECKING. NAILS SHOULD BE PLACED 30" O.C. WITH NAILING IN ALTERNATIVE COURSE OFFSET 15".
7. NAIL EACH DECKING COURSE TO SUPPORT WITH 16d NAILS FOR 2" DECKING.
8. DECKING SHALL BE TREATED SOUTHERN PINE, NO. 2 OR BETTER.

PLYWOOD SHEATHING

- 1. PLYWOOD SHEATHING PANELS SHALL BE INSTALLED WITH FACE GRAIN ACROSS (PERPENDICULAR) THE SUPPORT JOISTS. STAGGER PANEL END JOINTS.
2. PLYWOOD ROOF SHEATHING SHALL BE APA RATED 1/2" CDX SHEATHING OR BETTER.
NAIL SPACING: PANEL EDGES 6" OC
INTERMEDIATE SUPPORTS 12" OC

DIMENSION LUMBER

- 1. ALL DIMENSION LUMBER SHALL BE TREATED SOUTHERN YELLOW PINE NO 2 OR BETTER AS DEFINED BY THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION "DESIGN VALUES FOR VISUALLY GRADED STRUCTURAL LUMBER" - LATEST EDITION.
2. ALL MEMBER SIZES GIVEN ON PLAN ARE NOMINAL DIMENSIONS.
4. ALL NAILED CONNECTIONS SHALL BE FABRICATED AS FOLLOWS: (MINIMUM REQUIREMENTS FOR 10d NAILS)
1. PROVIDE 1 1/2" END DIST. AND 1 1/4" EDGE DIST.
2. SPACE NAILS 1 1/2" OC
3. ALL NAILS TO BE CLINCHED.

STRUCTURAL ABBREVIATIONS

Table mapping structural abbreviations to their full names. Includes terms like ANCHOR BOLT, FACE OF CONCRETE, POUNDS PER CUBIC FOOT, etc.

TOTAL BILL OF MATERIALS

Table with 3 columns: ITEM, UNIT, TOTAL. Lists materials like CONCRETE STRUCTURES (29 CUBIC YARD), REINFORCEMENT BARS (3.89 TON), WELDED WIRE FABRIC 6x6 (108 SQUARE YARD), etc.

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Table for revision tracking: DESIGNED, DRAWN, CHECKED, DATE, REVISED, REVISIONS.

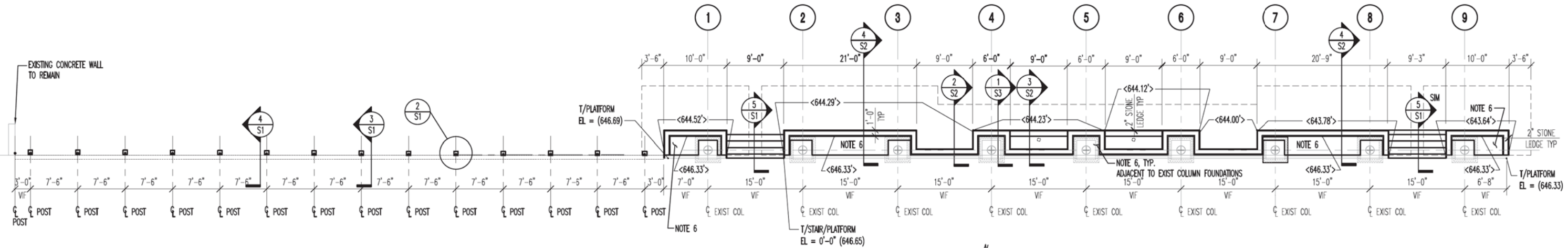
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS

SCALE: STA. TO STA.

Table for project information: MUN. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., 2070C, 14-00089-00-SW, COOK, 58, 31, CONTRACT NO. 61E45

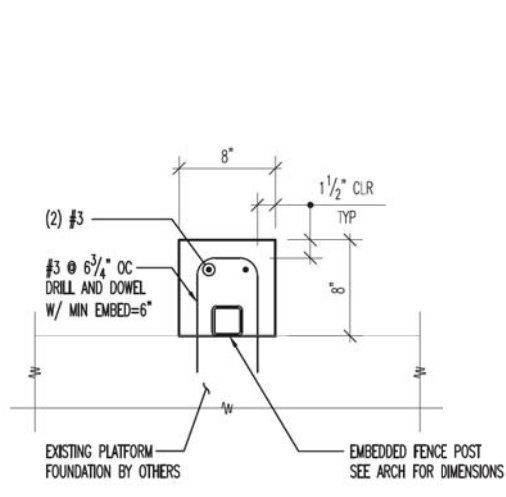
Larson Engineering Inc. 1488 Bond Street, Suite 100 Naperville, Illinois 60563-6503 ... ILLINOIS LICENSE NO. 184-001442 LEI Comm. No. 21170296.001



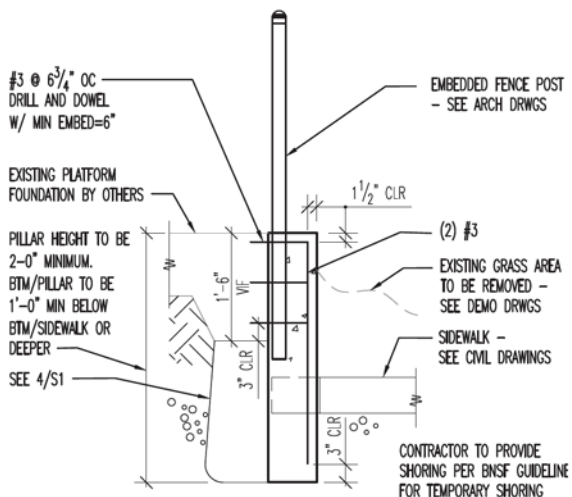
1 OUTBOUND PLATFORM FOUNDATION PLAN
 S1 1/8" = 1'-0"

SHEET NOTES

1. GENERAL CONTRACTOR TO PROVIDE TEMPORARY EARTH RETAINING SHORING PER BNSF GUIDELINES FOR TEMPORARY SHORING, BRACING AND/OR SHEATHING TO PREVENT THE UNDERMINING OF THE EXISTING PLATFORM AND CONCRETE BARRIER CURB, AS WELL AS THAT OF THE EXISTING STEEL CANOPY STRUCTURE DURING CONSTRUCTION. GENERAL CONTRACTOR ALSO TO PROVIDE TEMPORARY HANDRAIL AND GUARDRAIL AS REQUIRES TO PROTECT PASSENGERS AND PEDESTRIANS FROM THE WORK AREA DURING CONSTRUCTION.
2. STRUCTURAL INTEGRITY OF THE PLATFORM AREA AND CANOPY STRUCTURE MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
3. ALL WORK RELATED TO THE SHEETING AND SHORING WILL BE COVERED UNDER ALLOWANCE.
4. SUCCESSFUL CONTRACTOR WILL BE RESPONSIBLE FOR DESIGNING THE SHEETING AND SHORING AND WILL PROVIDE DRAWINGS PREPARED BY A REGISTERED ENGINEER.
5. <xxx.xx'> DENOTES TOP OF STONE LEDGE
6. PROVIDE 6" SLAB ON GRADE W/ 6x6 W2.9xW2.9 WWF ON 6" OF WELL COMPACTED GRANULAR FILL. COORDINATE T/CONC ELEVATION WITH ARCH DRAWINGS AND PAVER DETAILS.

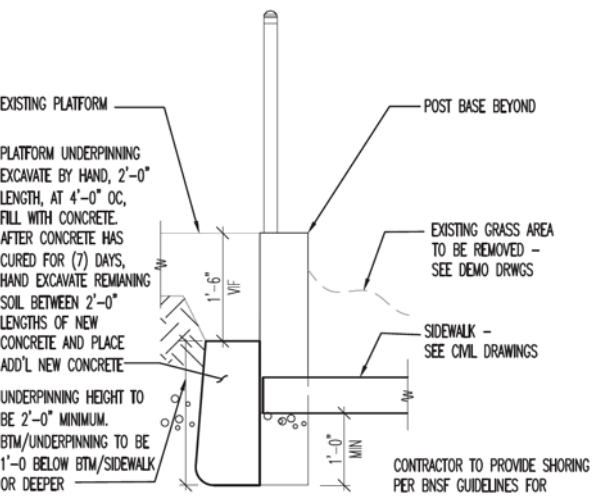


2 FENCE POST PILLAR SECTION
 S1 1 1/2" = 1'-0"



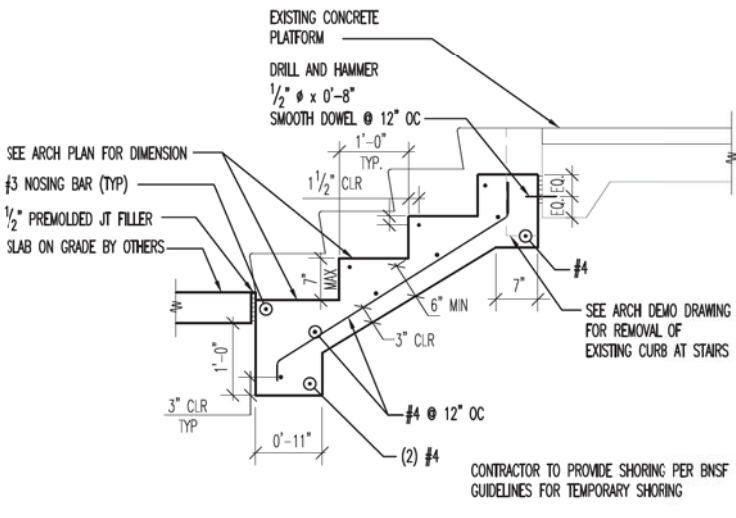
3 FENCE POST PILLAR SECTION
 S1 3/4" = 1'-0"

PAID FOR AS CONCRETE FOUNDATIONS (SPECIAL)



4 UNDERPINNING OF EXISTING PLATFORM
 S1 3/4" = 1'-0"

PAID FOR AS UNDERPINNING EXISTING STRUCTURE



5 STAIR DETAIL @ OUTBOUND PLATFORM
 S1 3/4" = 1'-0"

PAID FOR AS CONCRETE STRUCTURES (RETAINING WALL)

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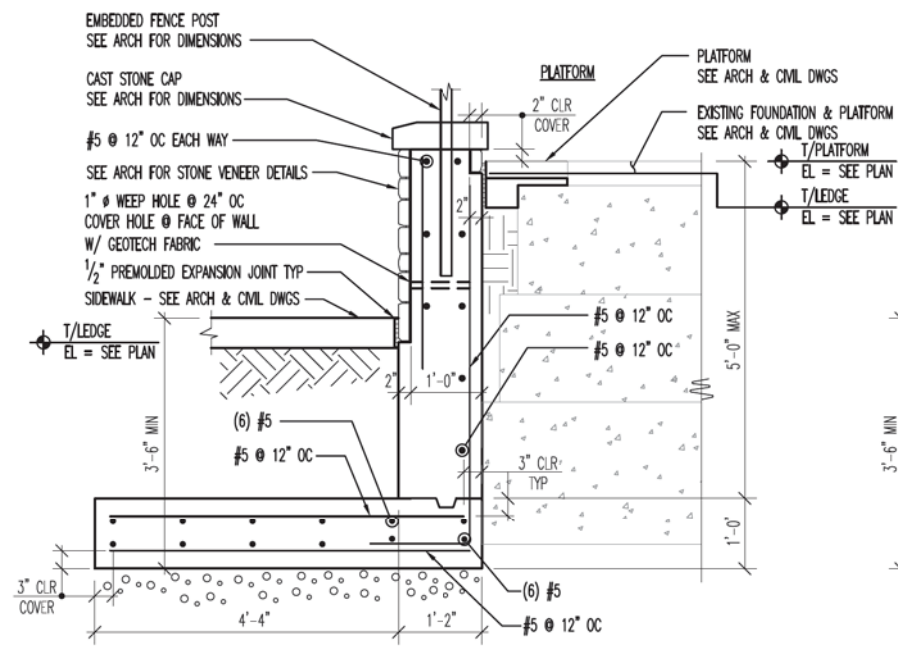
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STRUCTURAL DETAILS

SCALE: STA. TO STA.

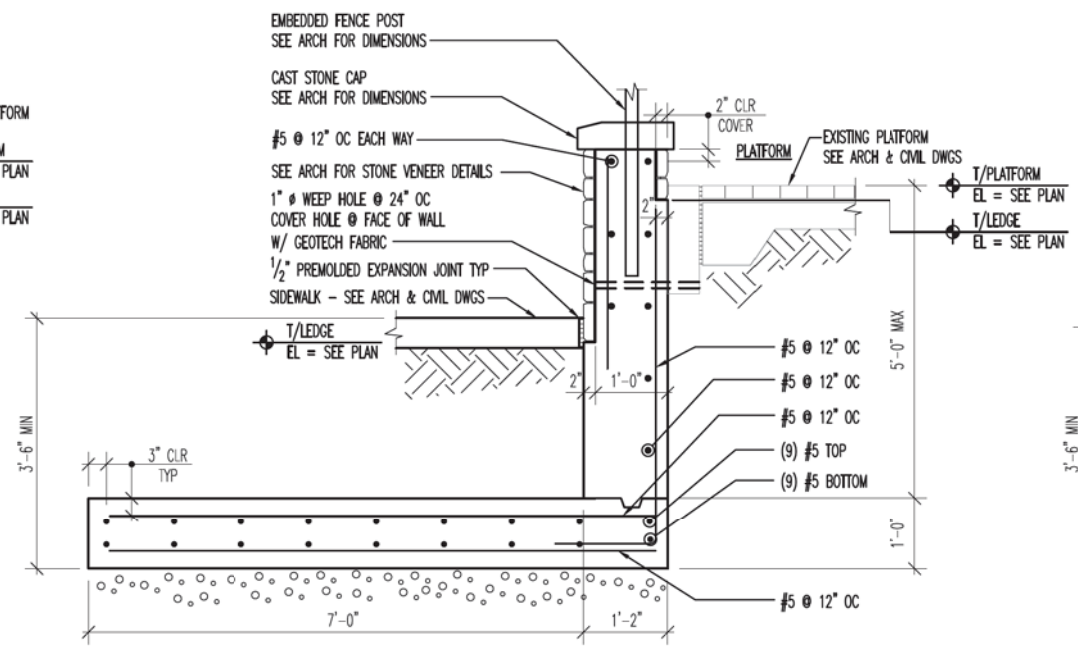
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	32
CONTRACT NO. 61E45				

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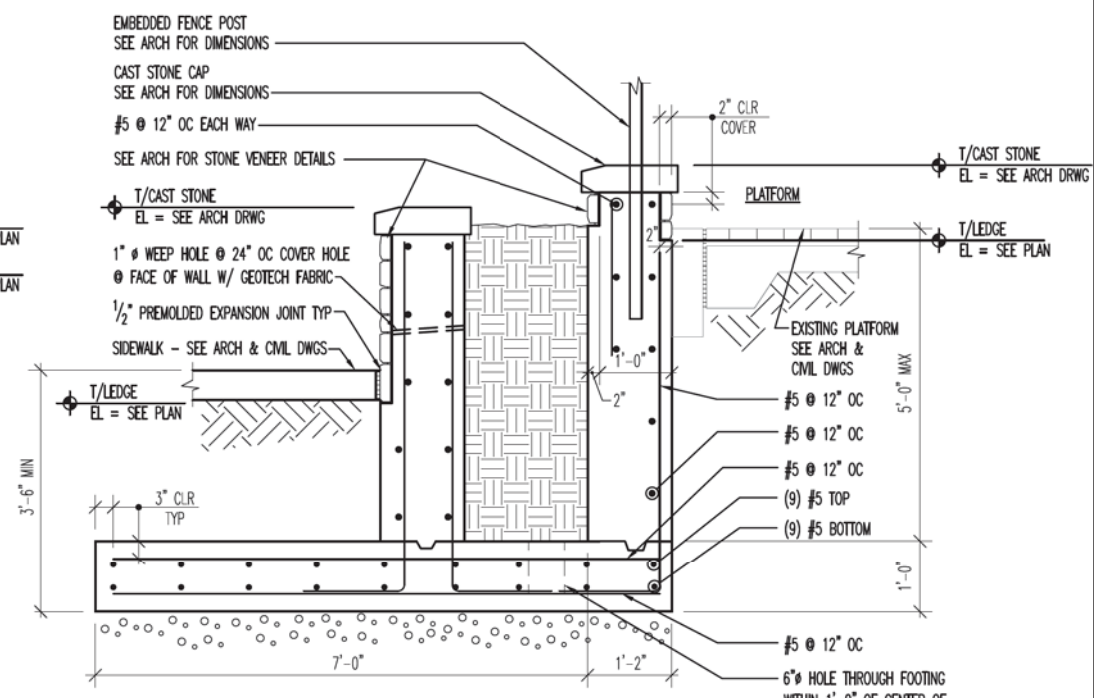
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S2 3/4" = 1'-0"

RETAINING WALL SECTION



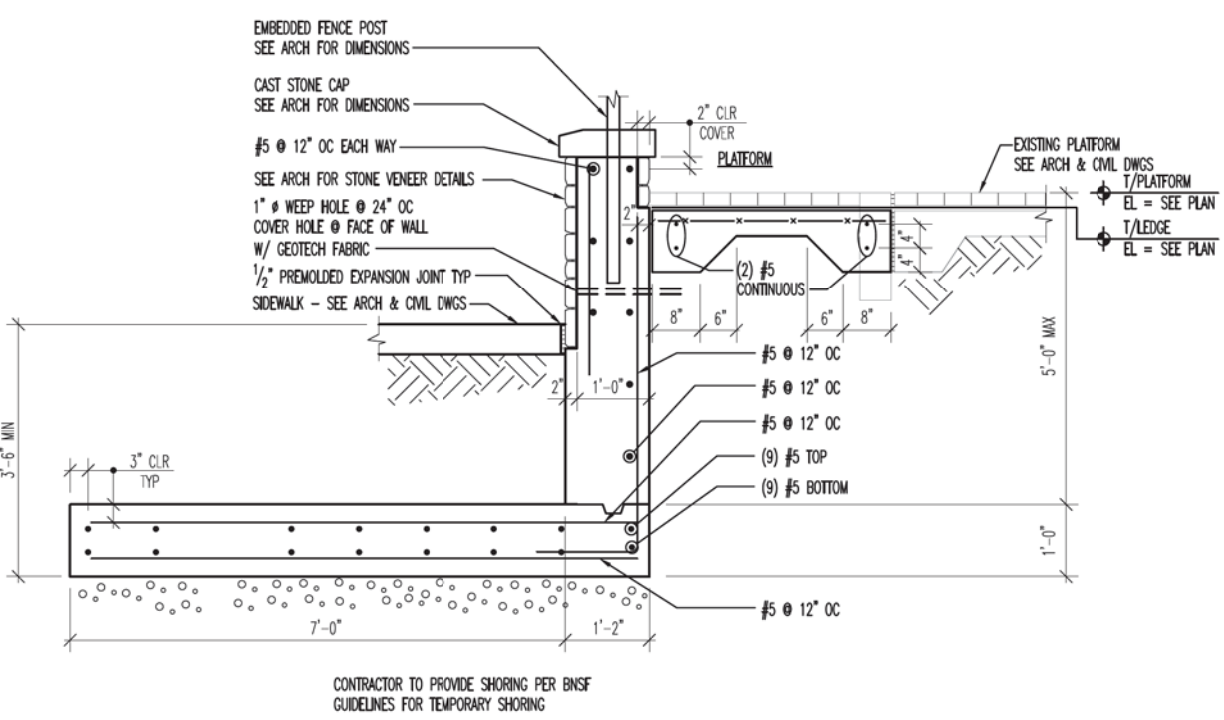
2
S2 3/4" = 1'-0"

RETAINING WALL SECTION



3
S2 3/4" = 1'-0"

RETAINING WALL SECTION W/PLANTER



4
S2 3/4" = 1'-0"

RETAINING WALL SECTION

SHEET NOTE:
1. RETAINING WALL SHALL BE PAID FOR AS CONCRETE STRUCTURES (RETAINING WALL).

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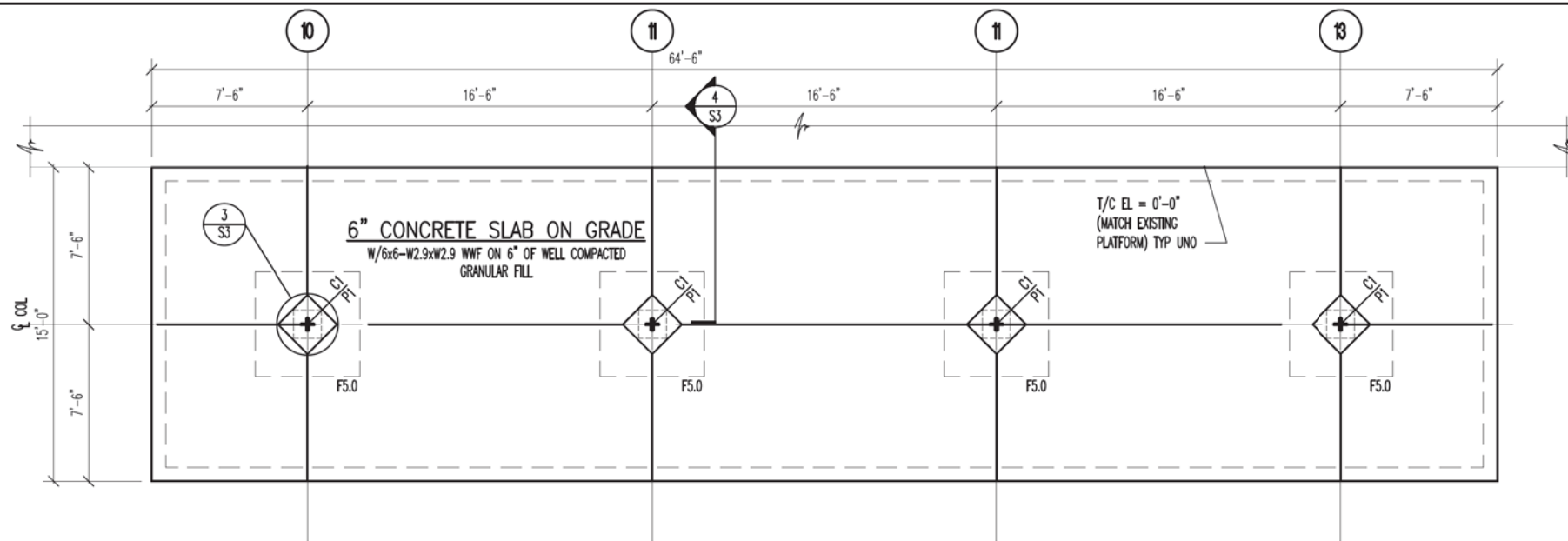
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STRUCTURAL DETAILS

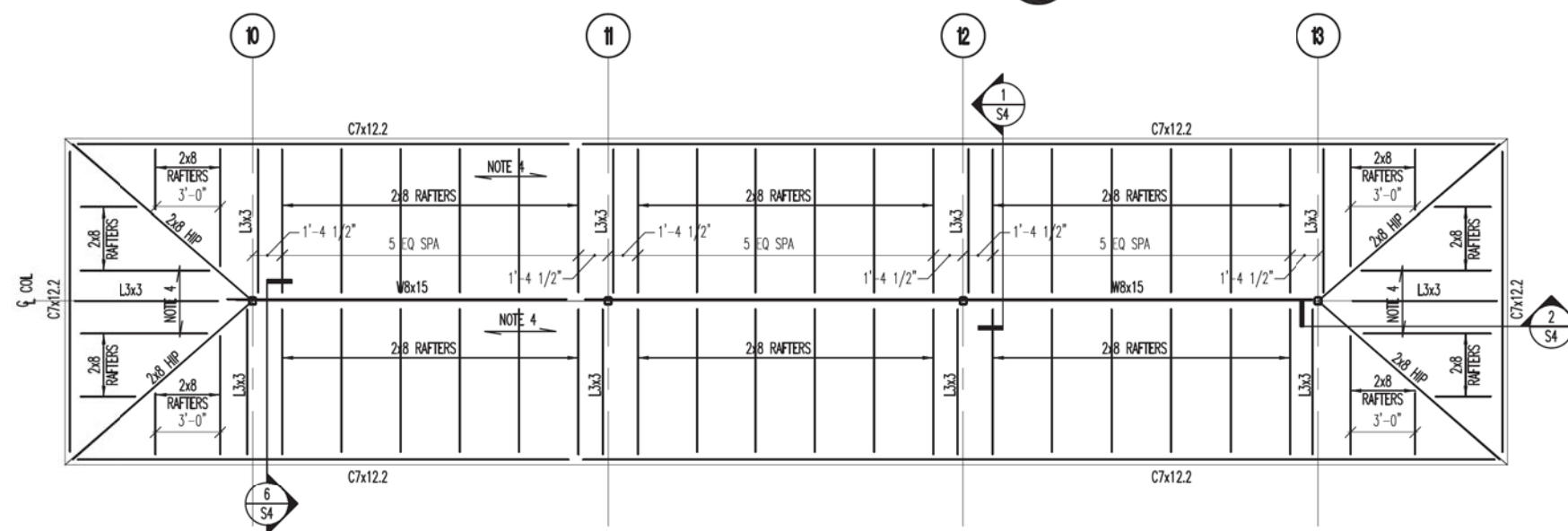
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61E45				

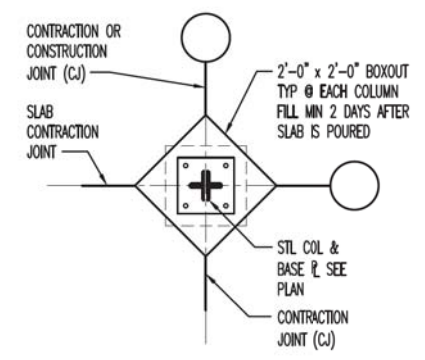
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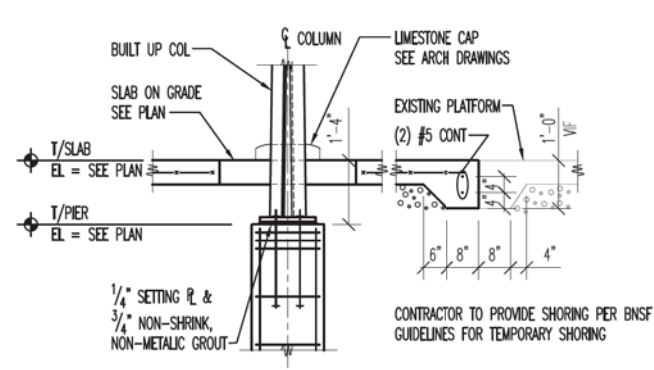
1 BIKE SHELTER FOUNDATION PLAN
S3 1/4" = 1'-0"



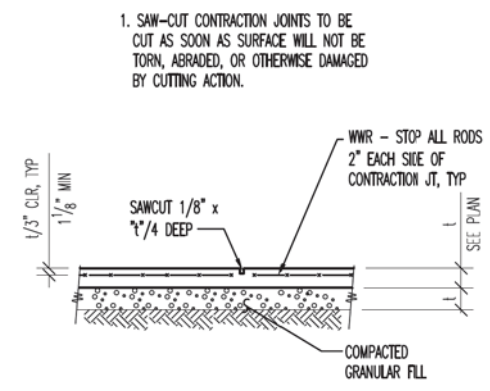
2 BIKE SHELTER ROOF FRAMING PLAN
S3 1/4" = 1'-0"



3 TYPICAL SLAB BOX-OUT AT INTERIOR COLUMN
S3 1/2" = 1'-0"



4 SECTION @ BIKE SHELTER
S3 1/2" = 1'-0"



5 TYPICAL CONTRACTION JOINT
S3 NO SCALE

- SHEET NOTES:**
- SEE SHEET S0 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
 - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS, ARCHITECTURAL, PLUMBING AND MECHANICAL DRAWINGS.
 - F5.0 INDICATES FOOTING = 5'-0"x5'-0"x1'-2" W/ LAYER OF (5) #5 BARS EACH WAY T&B.
P1 INDICATES 20" X 20" CONCRETE PIER. REINFORCE WITH (4) #6 VERTICAL BARS WITH STANDARD HOOKS IN FOOTING AND #3 TIES. SPACE TIES (3) AT 2" OC AT TOP & REMAINDER AT 12" OC.
C1 INDICATES BUILT UP COLUMN. SEE COLUMN DETAIL ON SHEET S4.
 - T/FOOTING ELEVATION = 3'-6" UNLESS NOTED THUS ().
 - COORDINATE DRAIN LOCATIONS WITH ARCH DRAWINGS.
 - PAID FOR AS CONCRETE STRUCTURES.

- SHEET NOTES:**
- SEE SHEET S0 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
 - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS, ARCHITECTURAL, PLUMBING AND MECHANICAL DRAWINGS. CONTRACTOR TO MATCH APPEARANCE OF EXISTING PLATFORM FRAMING.
 - SEE 1/S3 FOR COLUMN DESIGNATIONS.
 - 1/2" APA RATED ROOF SHEATHING ON 2"x6" TONGUE & GROOVE ROOF DECK. SEE NOTES ON S0 FOR NAILING.
 - GENERAL CONTRACTOR SHALL COORDINATE AND PROVIDE ALL MISCELLANEOUS STEEL PIECES AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS.
 - PAID FOR AS FURNISHING AND ERECTING STRUCTURAL STEEL (SPECIAL), TREATED TIMBER AND HARDWARE.

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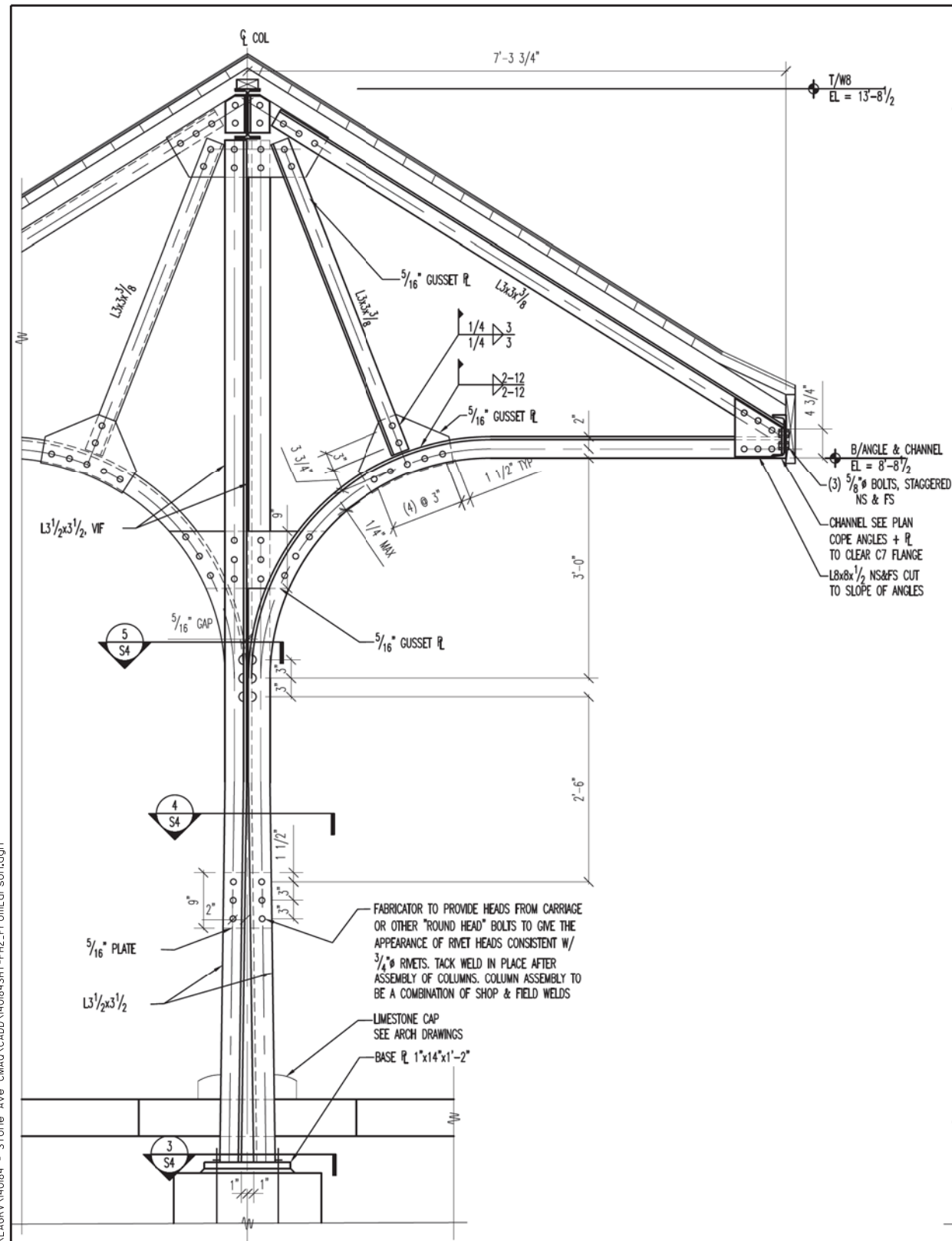
STRUCTURAL DETAILS

SCALE: STA. TO STA.

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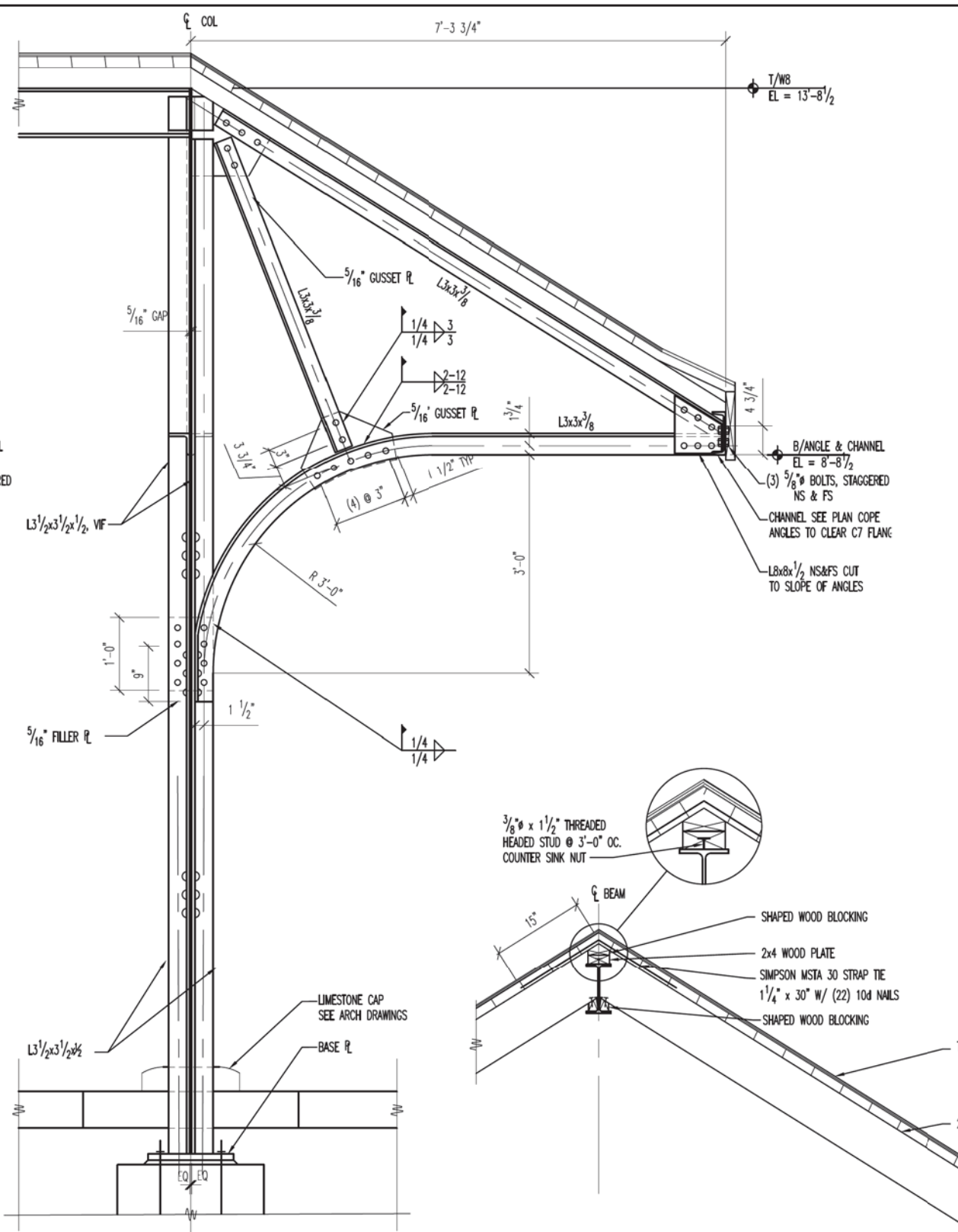
MUN. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	34
CONTRACT NO. 61E45				

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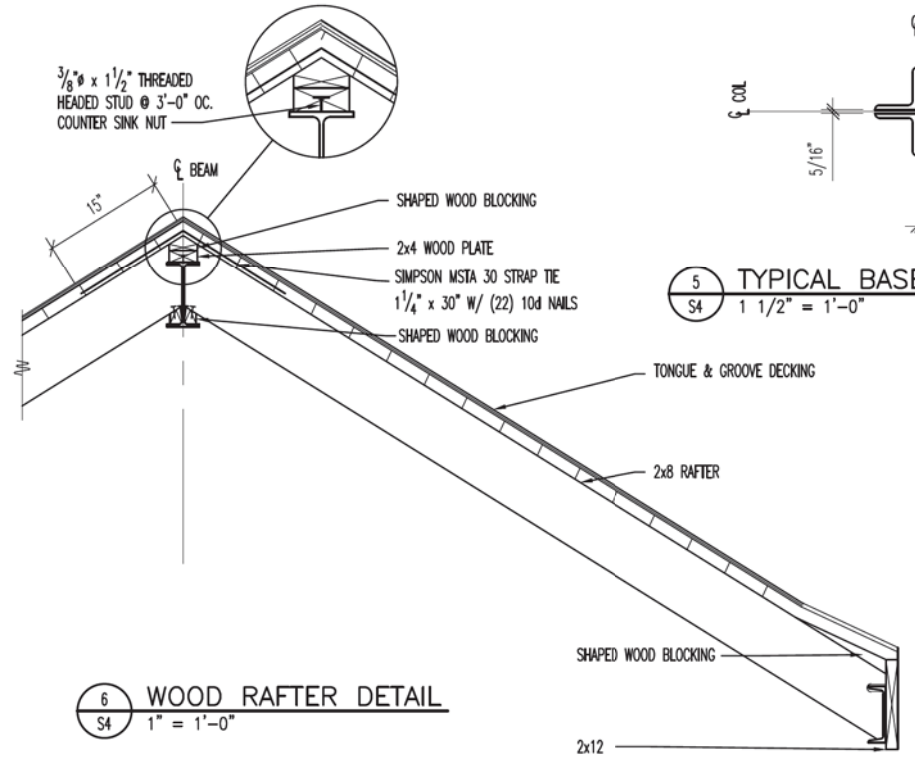
1 TYP SECTION @ COLUMN
 S4 1" = 1'-0"

PAID FOR AS FURNISHING AND
 ERECTING STRUCTURAL STEEL,
 SPECIAL.



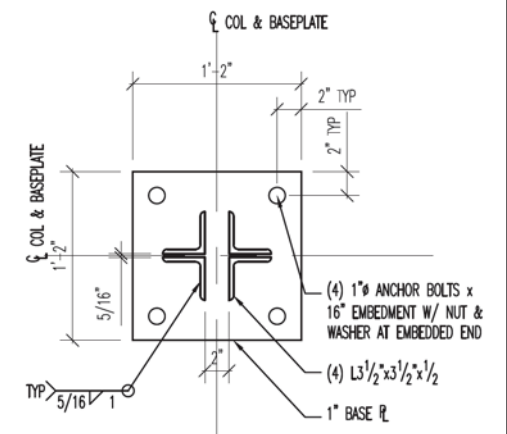
2 TYP SECTION @ COLUMN
 S4 1" = 1'-0"

PAID FOR AS FURNISHING AND
 ERECTING STRUCTURAL STEEL,
 SPECIAL.

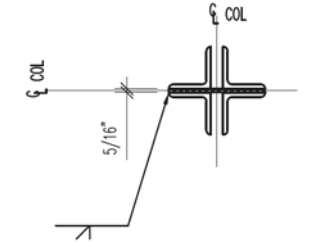


6 WOOD RAFTER DETAIL
 S4 1" = 1'-0"

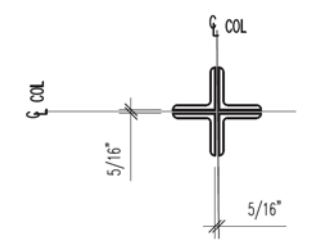
PAID FOR AS TREATED TIMBER
 AND HARDWARE



3 TYPICAL BASE PLATE DETAILS
 S4 1 1/2" = 1'-0"



4 TYPICAL BASE PLATE DETAILS
 S4 1 1/2" = 1'-0"



5 TYPICAL BASE PLATE DETAILS
 S4 1 1/2" = 1'-0"



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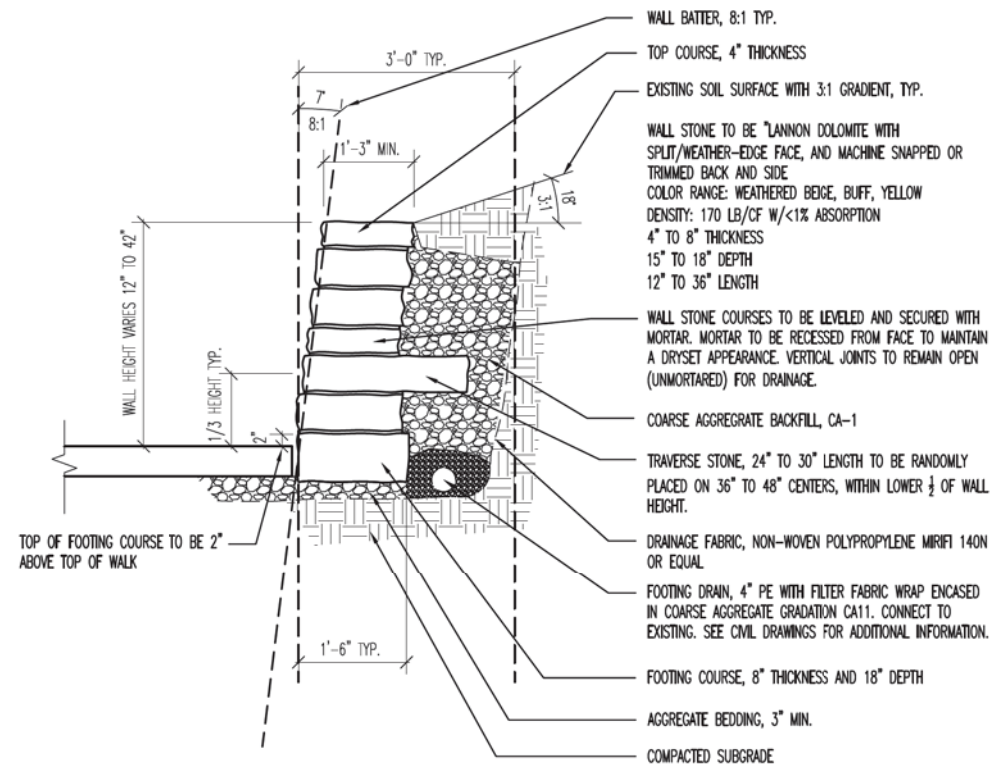
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STRUCTURAL DETAILS

SCALE: STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	35
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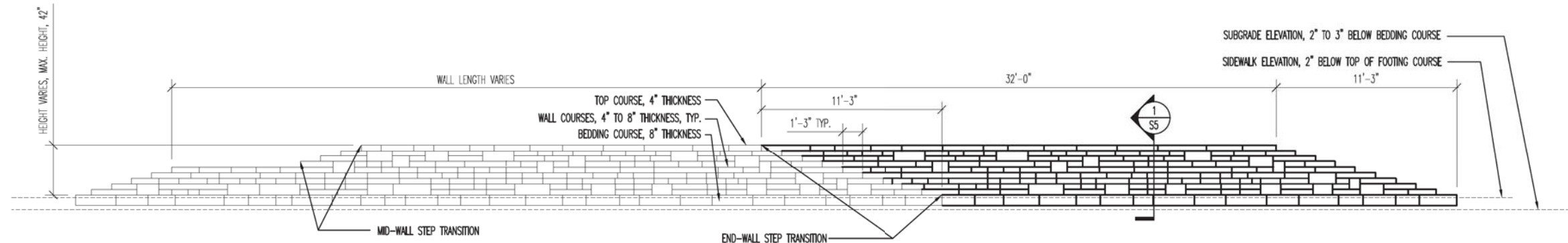


1
SS
3/4" = 1'-0"

**TYPICAL SECTION - CROSS-SECTION
VIEW LIMESTONE RETAINING WALL**

PAID FOR AS RETAINING WALL,
SPECIAL

LIMESTONE RETAINING WALL COMPOSITION TABLE						
THICKNESS (in)	QUANTITY (%)	FACEAREA (sf)	DEPTH (ft)	VOLUME (cuft)	UNIT Wt (lb/cf)	WEIGHT (tons)
3" to 4"	20%	40	1.25	50	171	4.275
5" to 6"	45%	90.4	1.25	113	171	9.6
7" to 8"	35%	58.67	1.50	88	171	7.5
TOTALS	100%	189.07	1.25	251	171	21.35
TRANSVERSE	25%	47.27	1.25	59	171	5.05
TOTAL STONE WT						26.40



2
SS
1/4" = 1'-0"

**TYPICAL SECTION - ELEVATION VIEW
LIMESTONE RETAINING WALL**

PAID FOR AS RETAINING
WALL, SPECIAL

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DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS

SCALE: STA. TO STA.

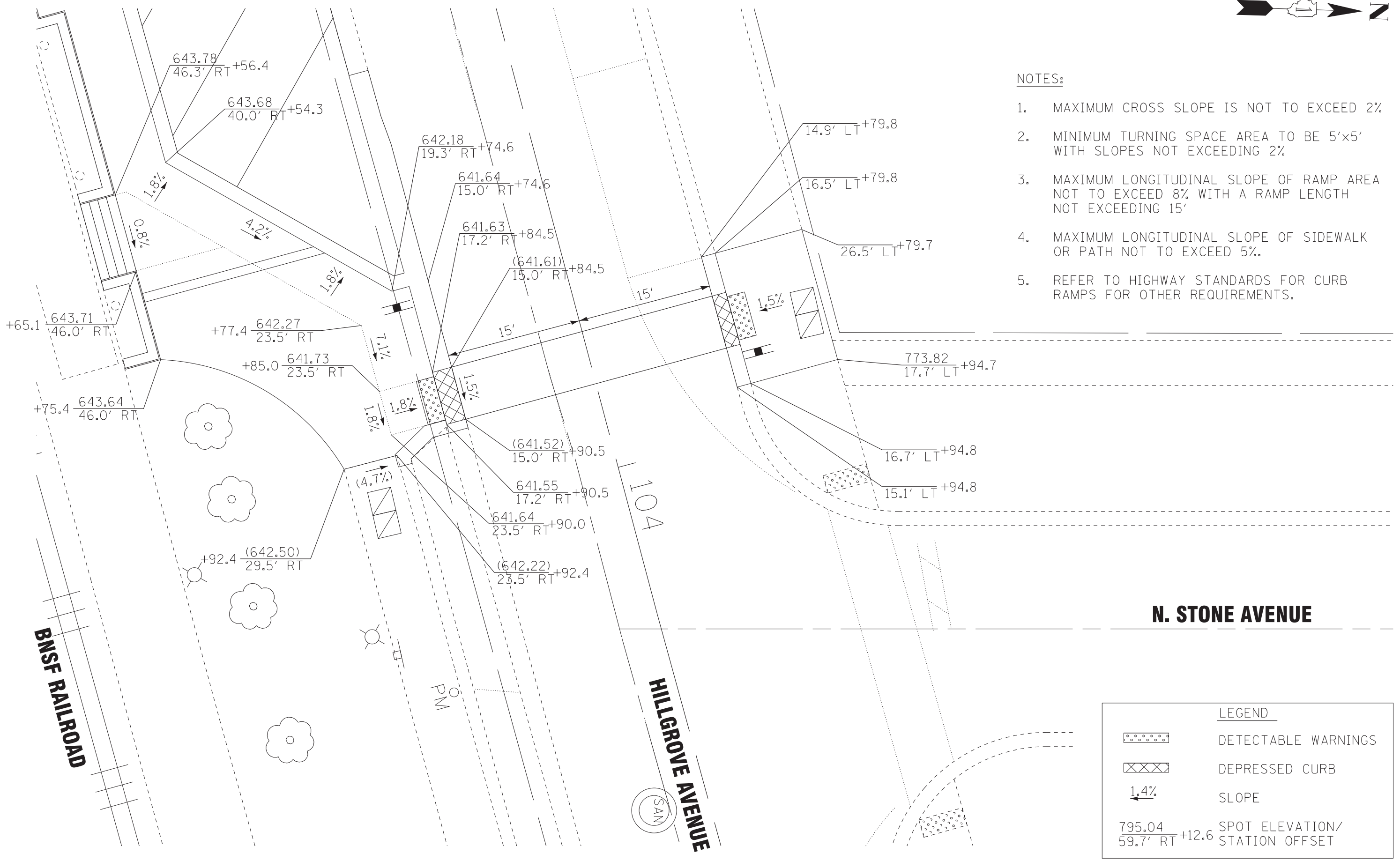
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	36
CONTRACT NO. 61E45				

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NOTES:

1. MAXIMUM CROSS SLOPE IS NOT TO EXCEED 2%.
2. MINIMUM TURNING SPACE AREA TO BE 5'x5' WITH SLOPES NOT EXCEEDING 2%.
3. MAXIMUM LONGITUDINAL SLOPE OF RAMP AREA NOT TO EXCEED 8% WITH A RAMP LENGTH NOT EXCEEDING 15'.
4. MAXIMUM LONGITUDINAL SLOPE OF SIDEWALK OR PATH NOT TO EXCEED 5%.
5. REFER TO HIGHWAY STANDARDS FOR CURB RAMPS FOR OTHER REQUIREMENTS.



N. STONE AVENUE

LEGEND

- DETECTABLE WARNINGS
- DEPRESSED CURB
- 1.4% SLOPE
- 795.04 / 59.7' RT +12.6 SPOT ELEVATION / STATION OFFSET

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 LICENSE NO. - 184-00121 - EXPIRES 4/30/2018
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	DRAWN - KAR	REVISED -
	CHECKED - TMS	REVISED -
	DATE - 01-15-18	FILE - 140184SHT-PH2_Stone_ADA

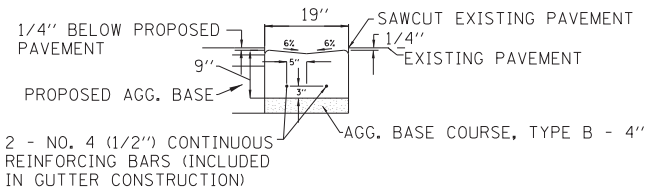
STATE OF ILLINOIS
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CURB RAMP DETAIL

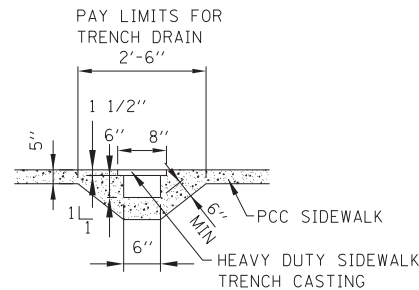
SCALE: 1" = 5'

STA. TO STA.

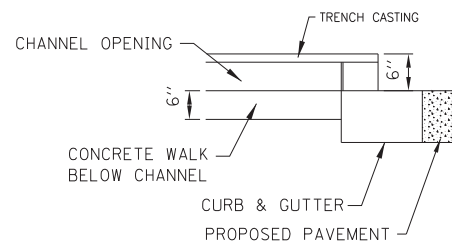
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	37
CONTRACT NO. 61E45				



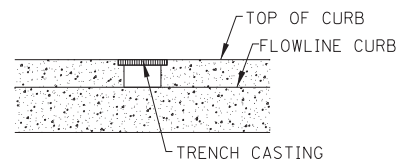
CONCRETE GUTTER (SPECIAL)
 (NOT TO SCALE)



SIDEWALK SECTION VIEW
 (NOT TO SCALE)



CURB SECTION VIEW
 (NOT TO SCALE)



CURB VIEW PROFILE
 (NOT TO SCALE)

- NOTES:
- HEAVY DUTY TRENCH FRAME WITH OPEN COVER SHALL BE USED AT DOWNSPOUT LOCATIONS CONNECT TO DOWNSPOUT SLEEVE THRU WALL SECTION
 - CHANNEL DEPTH SHALL BE ADEQUATE FOR DOWNSPOUT SLEEVE
 - PC CONCRETE, CLASS SI WITH 6" MINIMUM WALL THICKNESS SHALL BE USED FOR HEAVY DUTY CHANNEL CONSTRUCTION
 - CONTRACTOR SHALL CONFORM TO MANUFACTURER INSTALLATION GUIDELINES
 - CONTRACTOR SHALL FIELD VERIFY AND CONFIRM TOTAL LENGTH REQUIRED TO SPAN SIDEWALK AND CURB OUTLET. FIELD CUTTING OF GRATE SYSTEM WILL NOT BE PERMITTED

TRENCH DRAIN

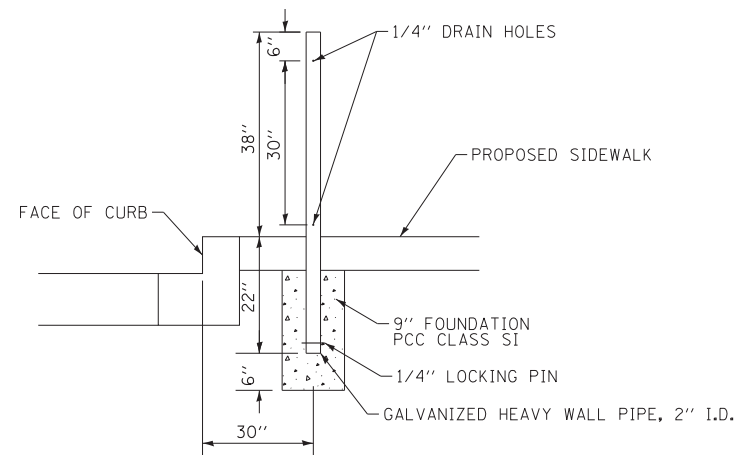


GENERAL NOTES:

FRAME: TOP RING CONSTRUCTED FROM 1 1/4" X 1 1/4" X 1/8" ANGLE, BASE RING CONSTRUCTED OF 1 1/2" X 1/2" X 1/8" CHANNEL. HANDLES & SUSPENSION BRACKETS CONSTRUCTED FROM 1/4" X 1 1/4" FLAT. ALL STEEL CONFORMING TO ASTM-A36.

REPLACEABLE BAG: CONSTRUCTED FROM 4 OZ./SQ. YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. CONNECTED TO BASE RING WITH STAINLESS STEEL STRAP & LOCK.

INLET PROTECTION INLET FILTER
 (NOT TO SCALE)

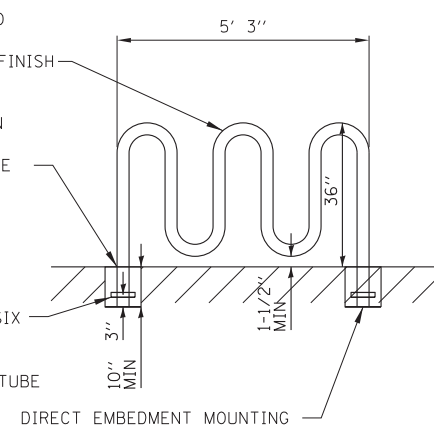


PARKING METER POST

2-3/8" ASTM SCHEDULE 40 STEEL PIPE POWDER COATED - BLACK FINISH

POST HOLE AUGURED 8" IN DIAMETER (TYP) TO BE BACKFILLED WITH CONCRETE

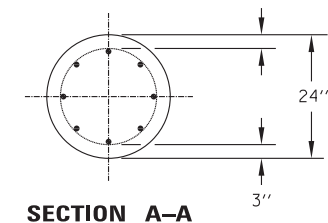
POST SPUR ANCHOR TO BE SIX INCH LENGTH OF #4 REINFORCING BAR INSTALLED THROUGH FACTORY DRILLED TUBE



BIKE RACK - WAVE STYLE

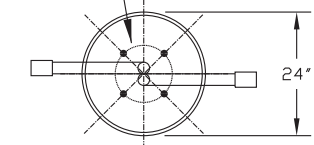
NOTES:

- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY CENTERED AND SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE WITH AN AUGER OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 1 INCH.
- CABLE TRENCHES AND FOUNDATIONS SHALL BE BACKFILLED AND COMPACTED, AND CONCRETE CURED ACCORDING TO APPLICABLE STANDARDS BEFORE LIGHT POLES MAY BE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE ANCHOR ROD SHALL BE THREADED A MINIMUM OF 6 INCHES WITH A MINIMUM OF 3" OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION AND PROJECT A MINIMUM OF 2 3/4" ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR MAY USE A #3 SPIRAL AT 6" PITCH OR #3 TIES AT 12" O.C.
- RACEWAYS SHALL PROJECT 1" ABOVE THE TOP OF THE FOUNDATION.

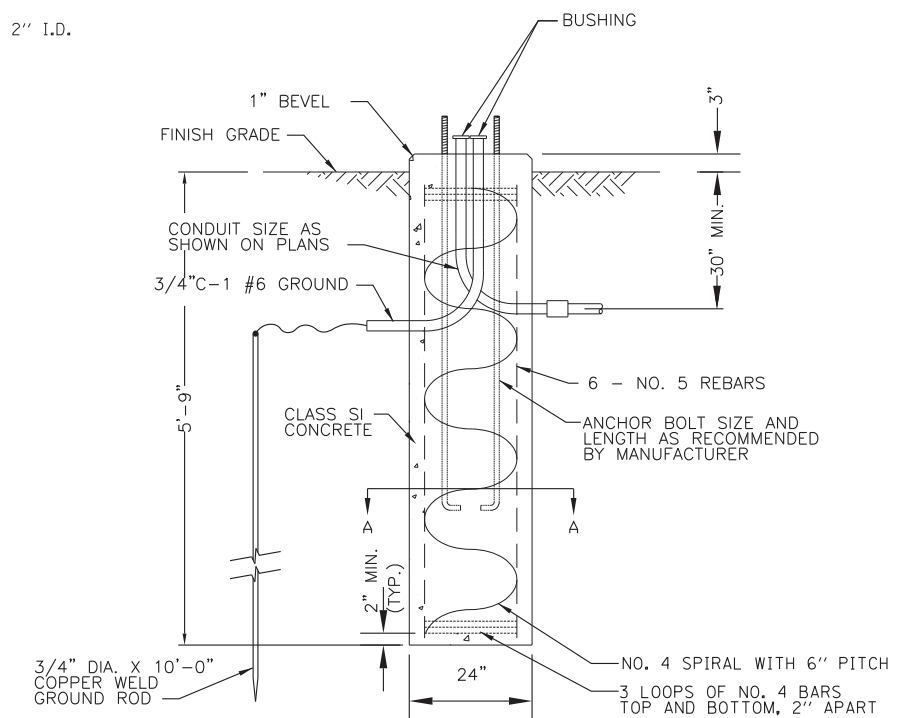


SECTION A-A

BOLT CIRCLE PER MANUFACTURER



TOP VIEW



LIGHT POLE FOUNDATION DETAIL
 NO SCALE

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 Consulting Engineers

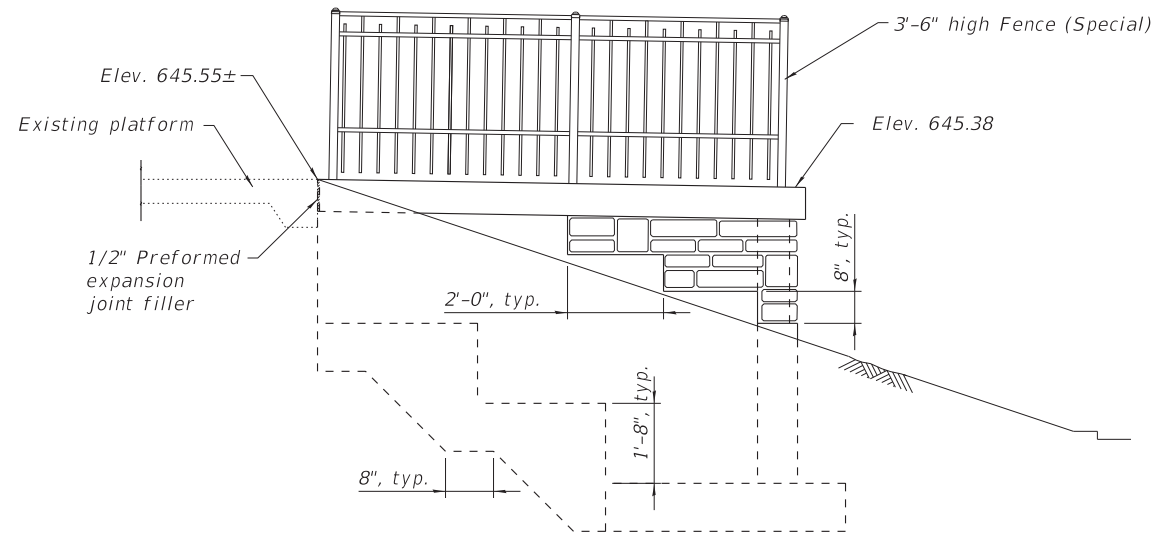
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CHECKED - TMS	REVISED -
DATE - 01-15-18	FILE - 140184SHT-PH2-Stone_MiscDetails.dgn

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MISCELLANEOUS DETAILS

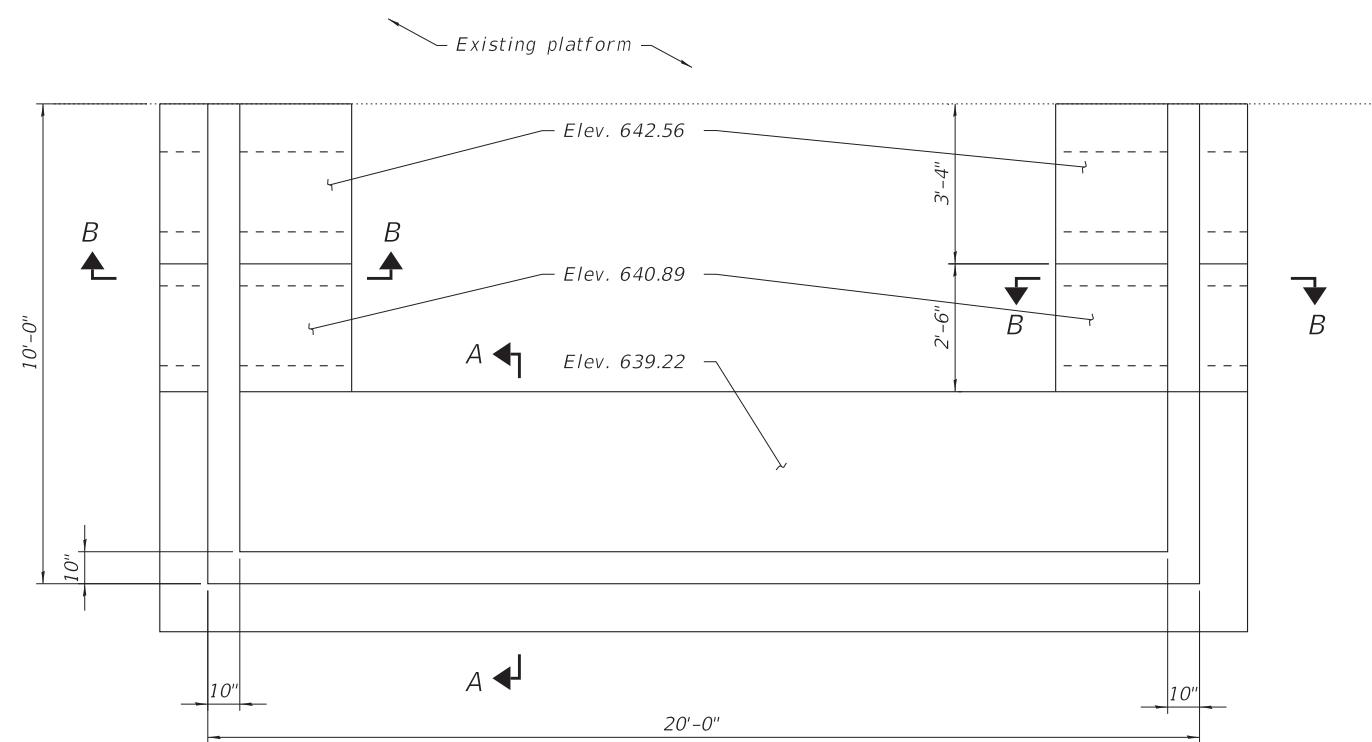
SCALE: NONE STA. TO STA.

MUN. RTE. 2070C	SECTION 14-00089-00-SW	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 38
CONTRACT NO. 61E45				



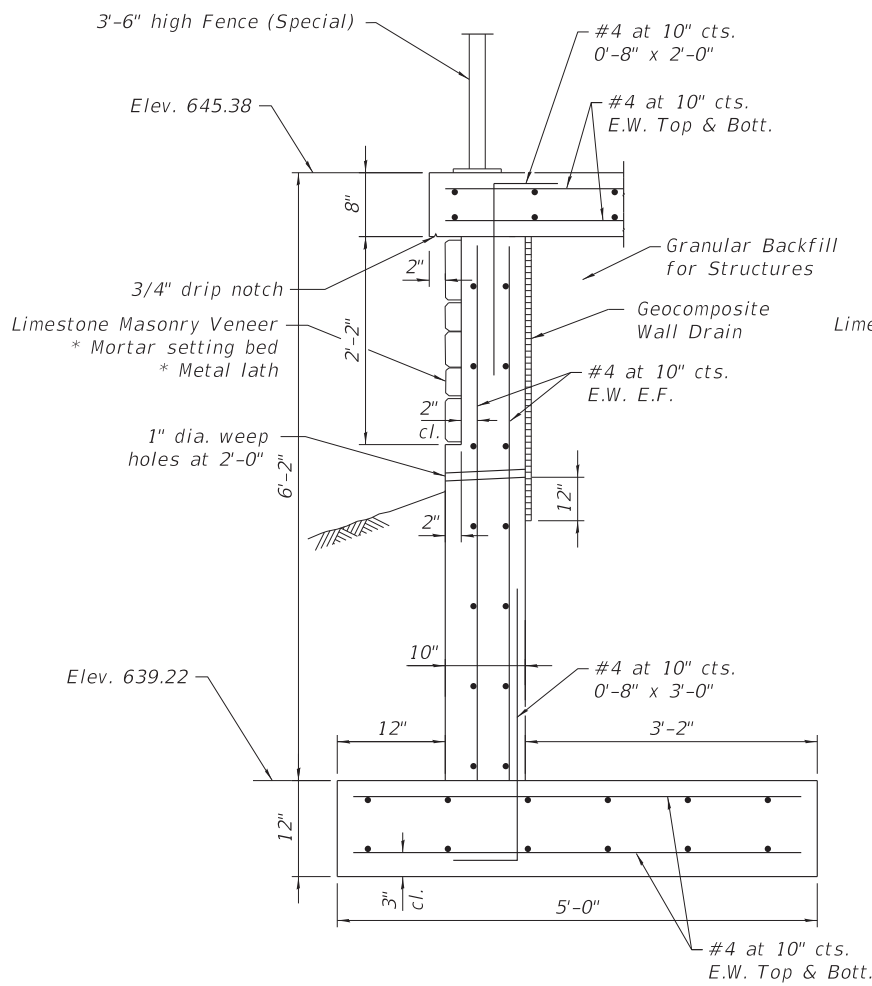
WEST ELEVATION

Contractor to provide shoring per BNSF Guidelines for Temporary Shoring



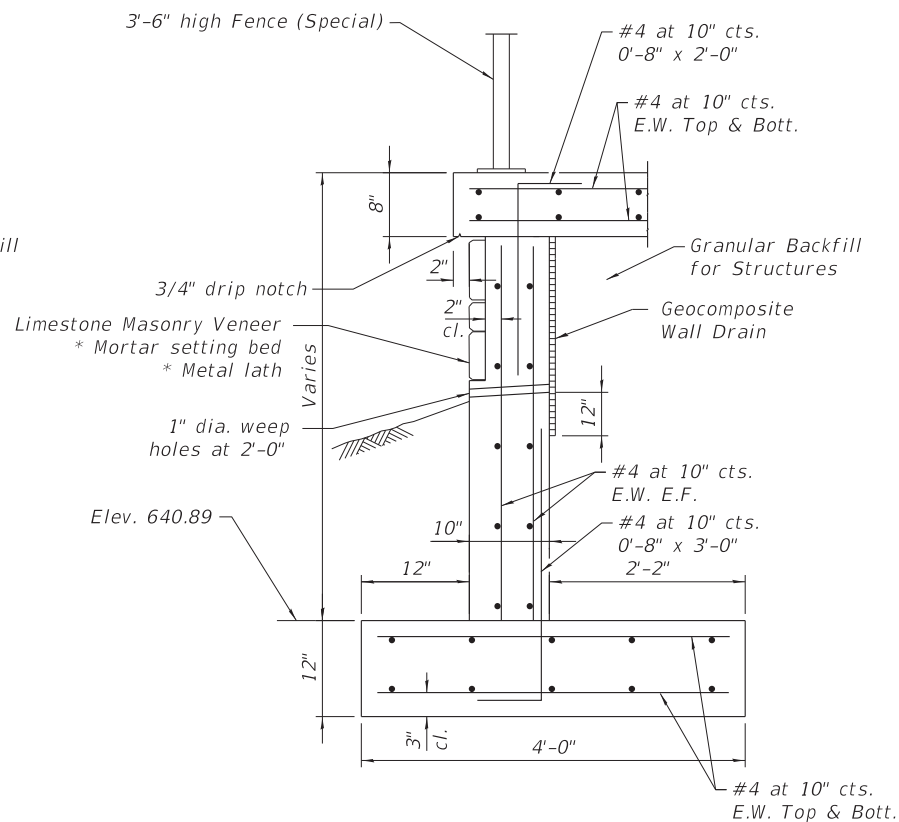
FOOTING PLAN

Contractor to provide shoring per BNSF Guidelines for Temporary Shoring



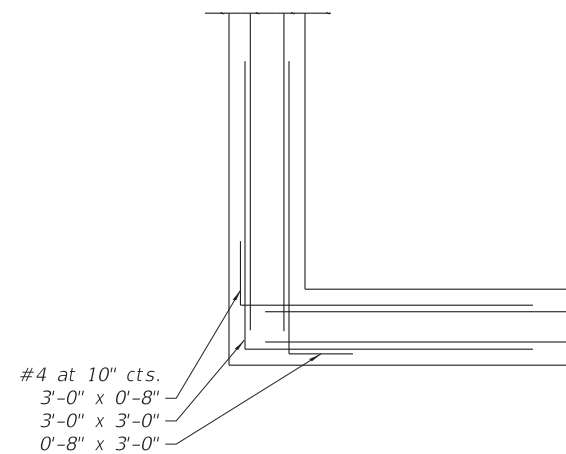
SECTION A-A

* Cost included with Limestone Masonry Veneer



SECTION B-B

* Cost included with Limestone Masonry Veneer



CORNER DETAIL

DESIGN SPECIFICATIONS
2014 AASHTO LRFD Bridge Design Specifications, 7th Edition with 2015 Interims

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

BILL OF MATERIAL

Material	Unit	Quantity
Concrete Structures	Cu. Yd.	12.5
Concrete Structures (Retaining Wall)	Cu. Yd.	5.1
Reinforcement Bars, Epoxy Coated	Pound	2,220
Granular Backfill for Structures	Cu. Yd.	11.1
Geocomposite Wall Drain	Sq. Yd.	12
Fence (Special)	Foot	40
Limestone Masonry Veneer	Sq. Ft.	56

Contractor to verify allowable net soil bearing pressure = 2,000 psf minimum at bottom of footings. See General Structural Notes on sheet 31 and Architectural specifications.

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DATE - 01-15-18	FILE - Retaining wall.dgn

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DEPARTMENT OF TRANSPORTATION

PLATFORM TURNAROUND RETAINING WALL DETAILS

SCALE: STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	39
CONTRACT NO. 61E45				

NOTES:

1. INTERCEPT EXISTING FEED TO SHELTER LIGHTING PANEL AND REROUTE TO PROPOSED LIGHTING CONTROLLER.
2. ROUTE NEW FEEDS UNDERGROUND TO STEEL SUPPORT IN SHELTER. CONTINUE FEEDS UP SUPPORT TO EXISTING SHELTER AND PLATFORM LIGHTING CONNECTIONS.
3. PAINT EXPOSED CONDUIT TO MATCH EXISTING.
4. SHELTER AND PLATFORM LIGHTING SHALL BE OPERABLE EVERY NIGHT.
5. BIKE SHELTER LIGHTING SHALL BE FED FROM THE EXISTING PLATFORM LIGHTING AT THE POLE INDICATED. CONNECT CONDUIT TO LIGHT POLE HANDHOLE WITH WEATHERPROOF FLEXIBLE CONDUIT AND FITTING.
6. EXPOSED CONDUIT TO BE ATTACHED TO STRUCTURE AND ROUTED TO LUMINAIRE JUNCTION BOXES. CONDUIT TO BE PAINTED TO MATCH STRUCTURE.

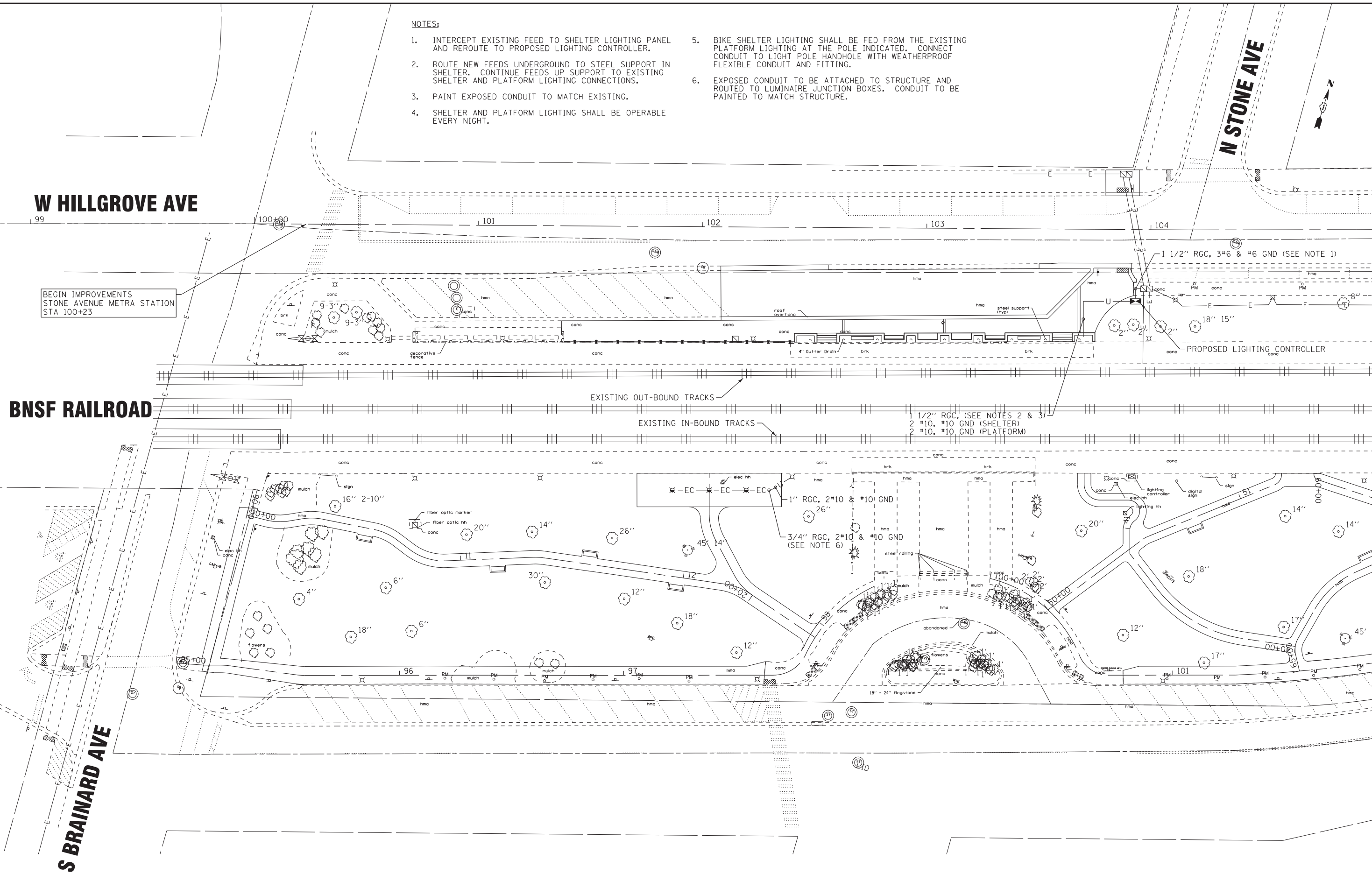
W HILLGROVE AVE

BEGIN IMPROVEMENTS
STONE AVENUE METRA STATION
STA 100+23

BNSF RAILROAD

S BRAINARD AVE

N STONE AVE



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DATE - 01-15-18	FILE - 140184SHT-PH2-Stone-Lighting.dgn

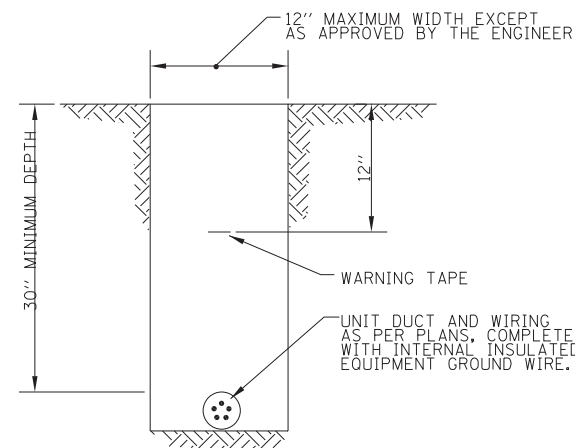
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LIGHTING PLAN

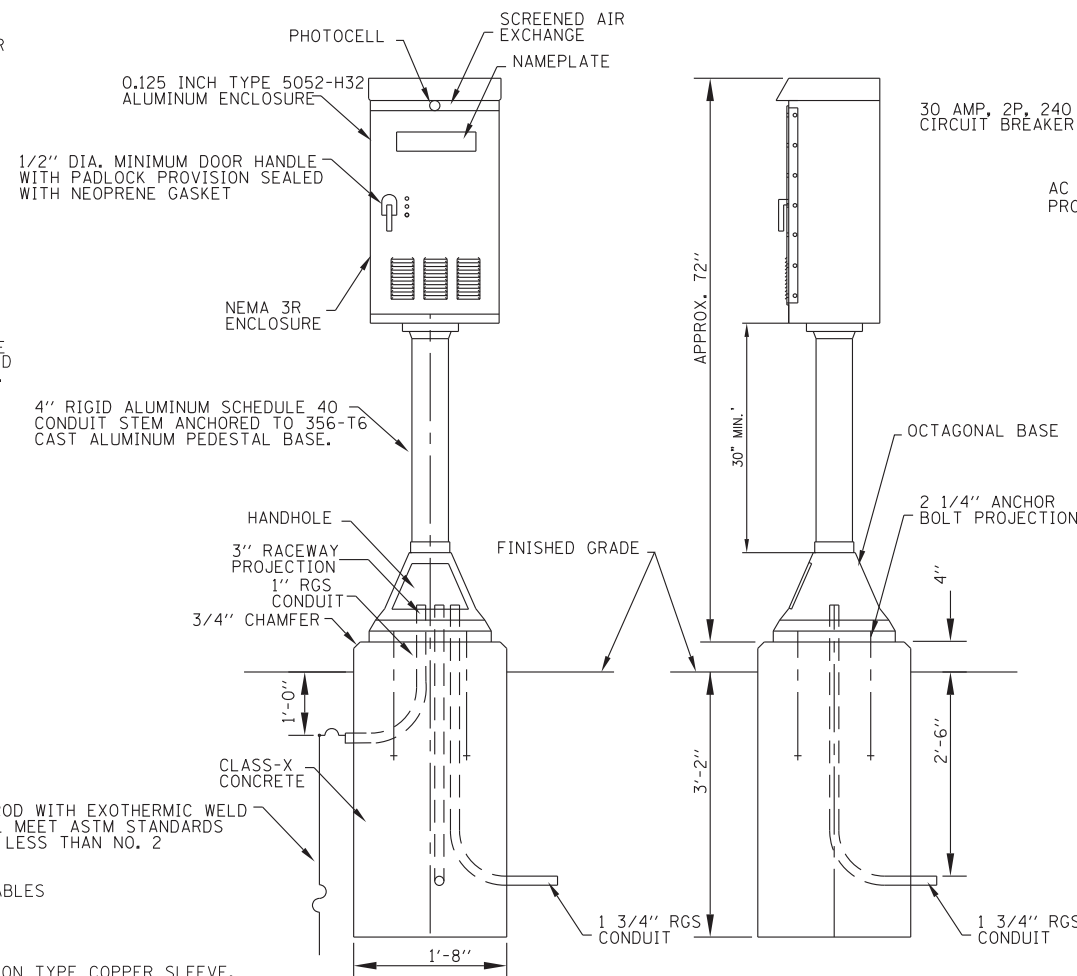
SCALE: 1" = 20'

STA. TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	40
CONTRACT NO. 61E45				

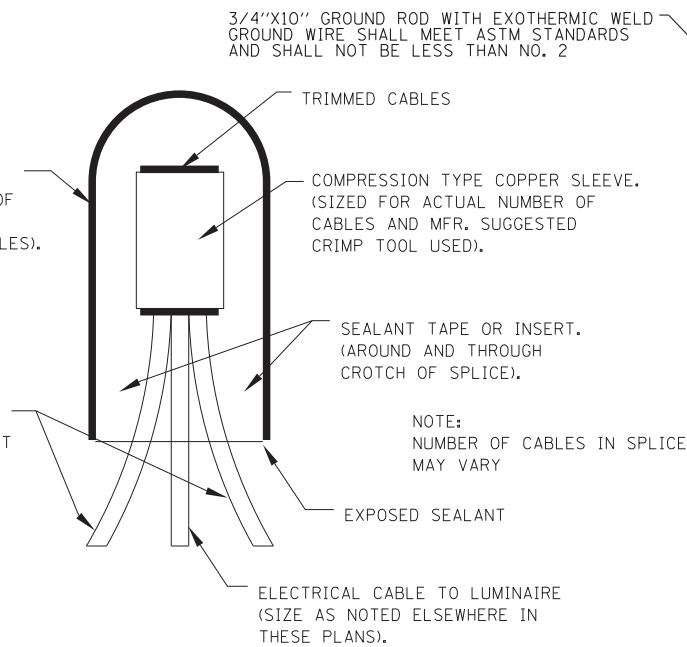


TYPICAL WIRING IN TRENCH DETAIL
NO SCALE

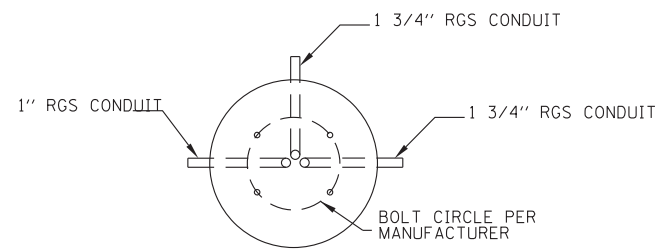


FRONT

SIDE

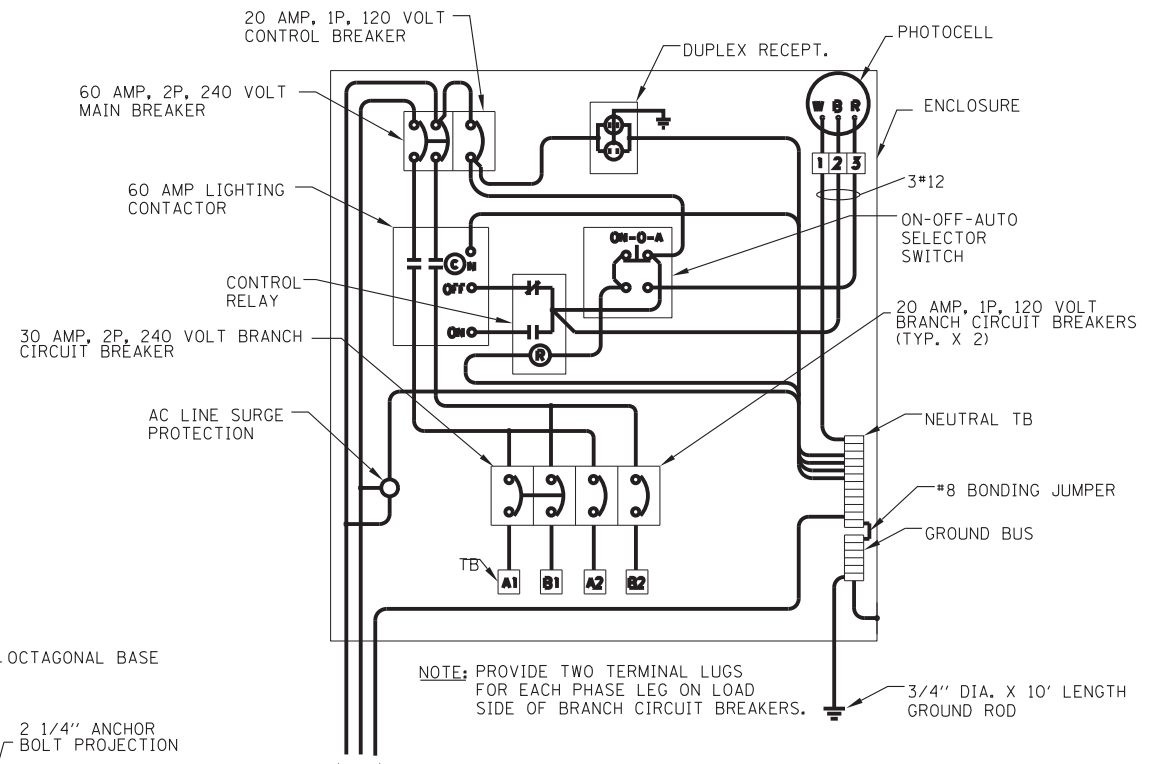


SPlicing ELECTRICAL CABLES
BASIC MATERIALS AND METHODS
NO SCALE



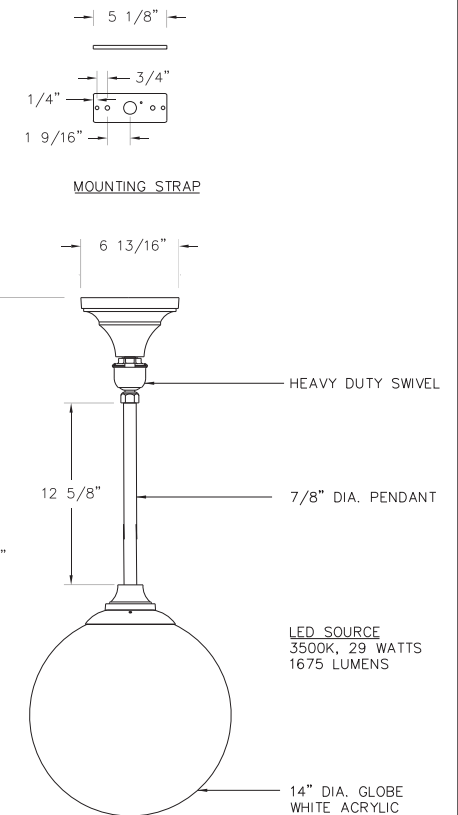
FOUNDATION PLAN

CONTROL CABINET
NO SCALE



LIGHTING CONTROLLER WIRING DIAGRAM
NO SCALE

- NOTES:**
- CABINET SHALL BE FABRICATED FROM 0.125-INCH SHEET ALUMINUM #3003H14, FORMED AND ARC WELDED ASSEMBLY WITH NEMA 3R RATING.
 - ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM OR STAINLESS STEEL.
 - NAME PLATE SHALL HAVE ENGRAVED 0.75-INCH HIGH LETTERS FILLED IN BLACK: "STONE AVENUE METRA LIGHTING".
 - CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT SHALL NOT BE "DOUBLE LUGGED".
 - THE COMPLETED CONTROLLER SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508, AND SHOULD BE SERVICE ENTRANCE RATED.
 - METAL MOUNTING PANEL SHALL BE #10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75-INCHES I.D. ON 4 SIDES.
 - CIRCUIT BREAKERS AND CONTACTORS AND OTHER COMPONENTS SHALL BE MOUNTED ON 0.125-INCH THICK GLASTIC INSULATION BACK PANEL.
 - ALL DEVICES SHALL BE FRONT REMOVABLE.
 - BUS BAR SHALL HAVE 12 LUG TERMINALS SIZED TO ACCOMMODATE REQUIRED WIRE SIZES. NEUTRAL BUS SHALL BE PAINTED WHITE. GROUND BUS SHALL BE PAINTED GREEN.
 - ALL LUGS SHALL BE COPPER SCREWS AND CONNECTORS, SPRING HELD.
 - ALL WIRING TERMINATIONS SHALL BE RATED NOT LESS THAN 75 DEGREE CENTIGRADE.
 - ALL CONTROL WIRING SHALL BE 600V MACHINE TOOL WIRE TYPE MTW.
 - ALL POWER WIRING SHALL BE 600V TYPE RHH/RHW.
 - A LAMINATED COPY OF THE CIRCUIT SCHEMATIC DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE CONTROLLER.
 - ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
 - ALL WIRING SHALL BE IDENTIFIED BY MANUFACTURER COLOR CODED INSULATION, NEATLY DRESSED AND SUPPORTED.
 - INCLUDE SAFETY LABELS ON MAIN BREAKER, "WARNING-THIS DISCONNECT DOES NOT REMOVE ALL POWER FROM THIS PANEL".



BIKE SHELTER LUMINAIRE

STERNBERG P/N: G14WA/PF/HSH28/36" OAD/4S35TLWA/DBT

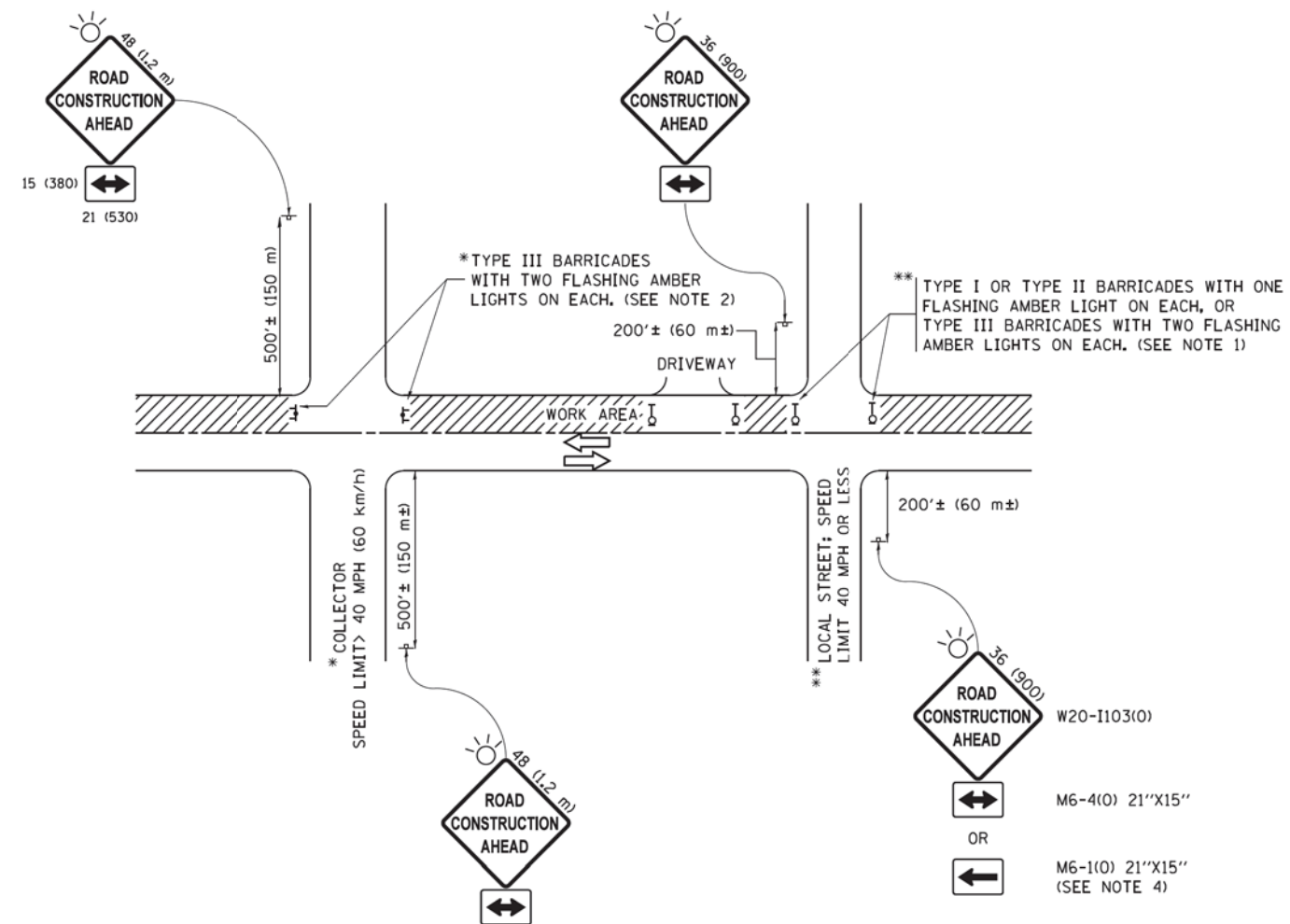
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	CHECKED - TMS	REVISED -
	DATE - 01-15-18	FILE - 140184SHT-PH2-Stone-MiscDetails.dgn

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LIGHTING DETAILS	
MUN. RTE.	SECTION
2070C	14-00089-00-SW
SCALE: NONE	STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	58	41
CONTRACT NO. 61E45		



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.

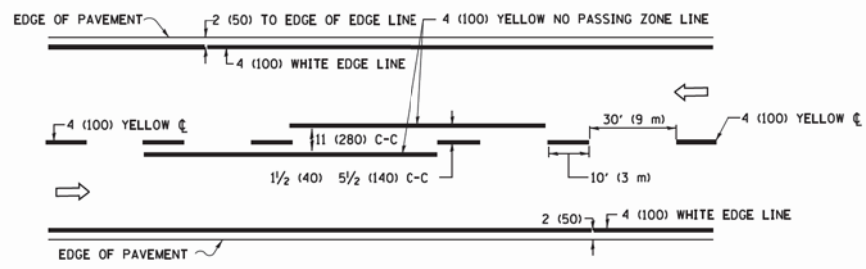
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Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

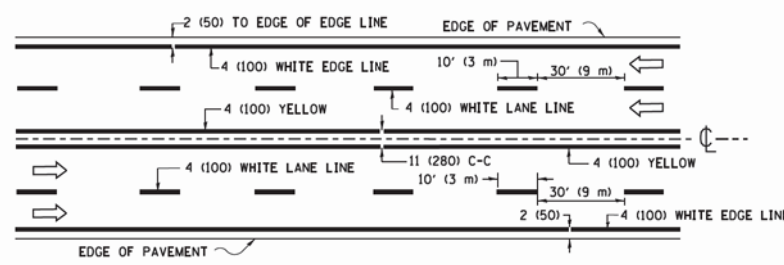
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

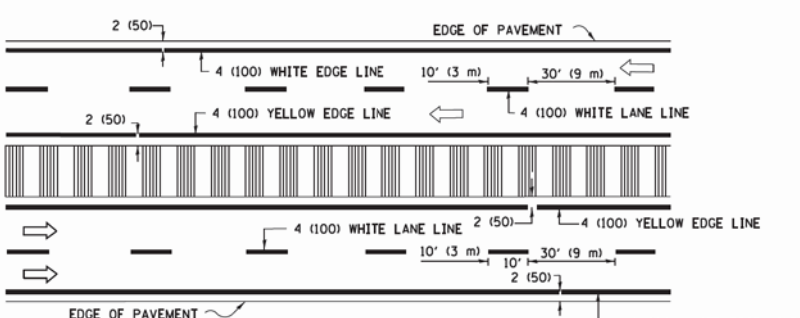
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	42
TC-10		CONTRACT NO. 61E45		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

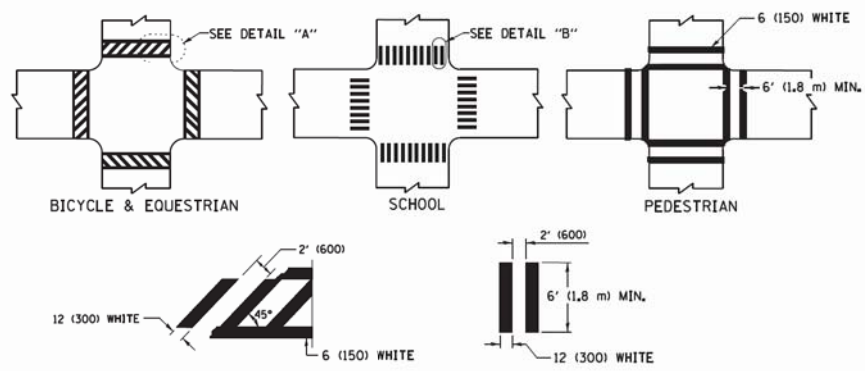


MULTI-LANE UNDIVIDED



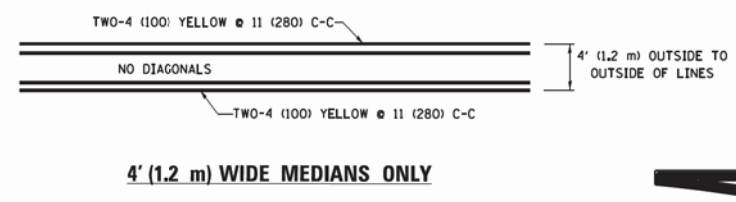
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

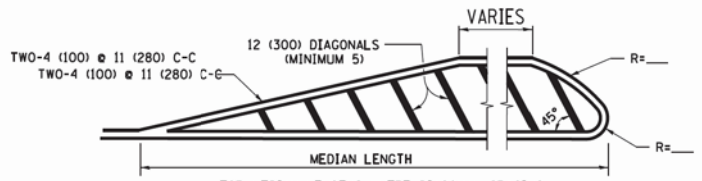


TYPICAL CROSSWALK MARKING

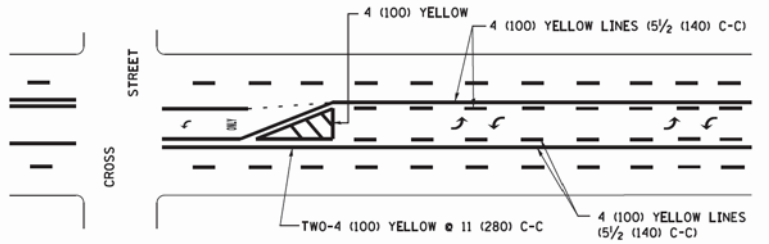
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



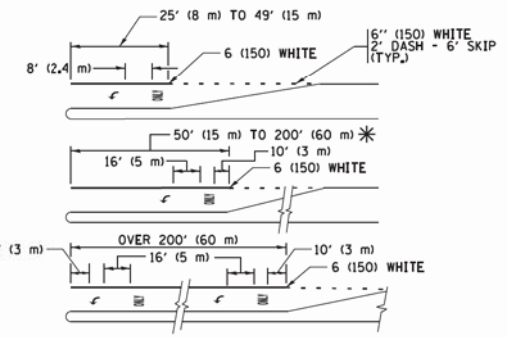
4' (1.2 m) WIDE MEDIANS ONLY



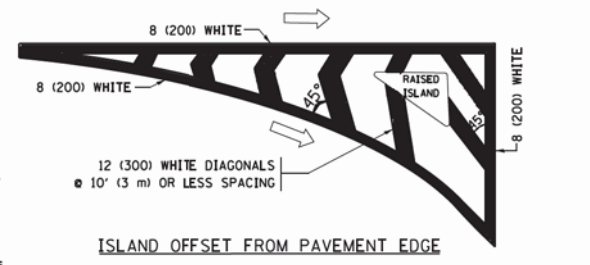
MEDIANS OVER 4' (1.2 m) WIDE



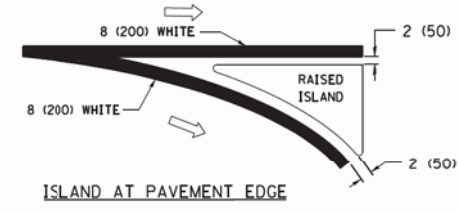
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



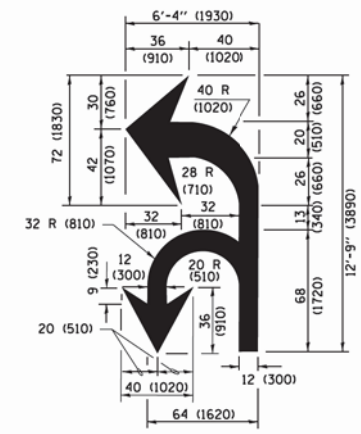
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



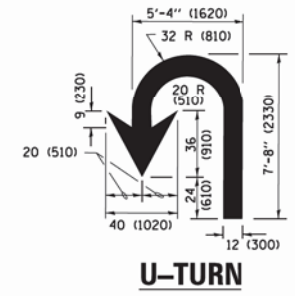
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE 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 SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (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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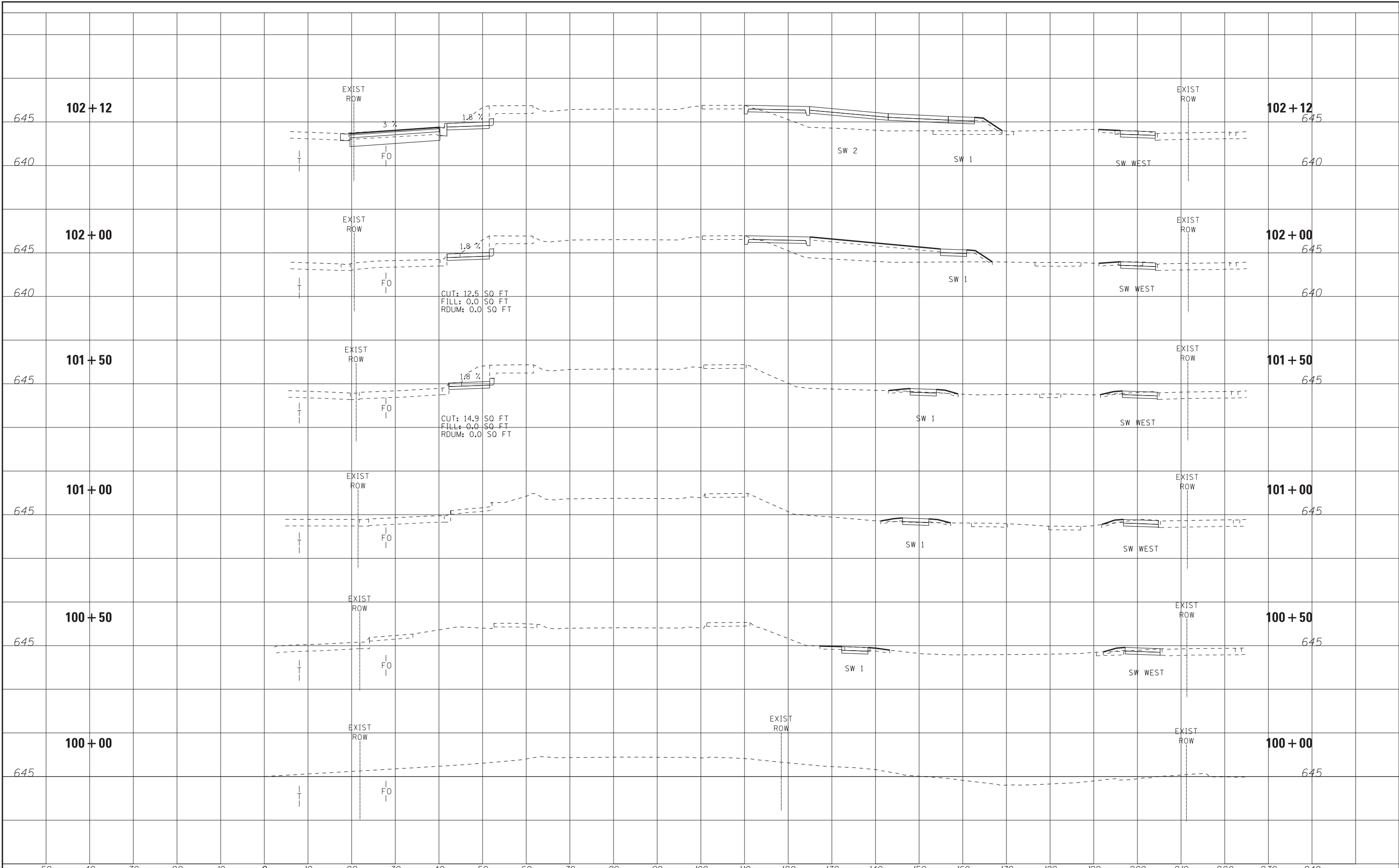
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		CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MUN.				
TC-13		CONTRACT NO.		
2070C-14-00009-00-SW		ILLINOIS FED. AID PROJECT		

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DESIGNED - JDM	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
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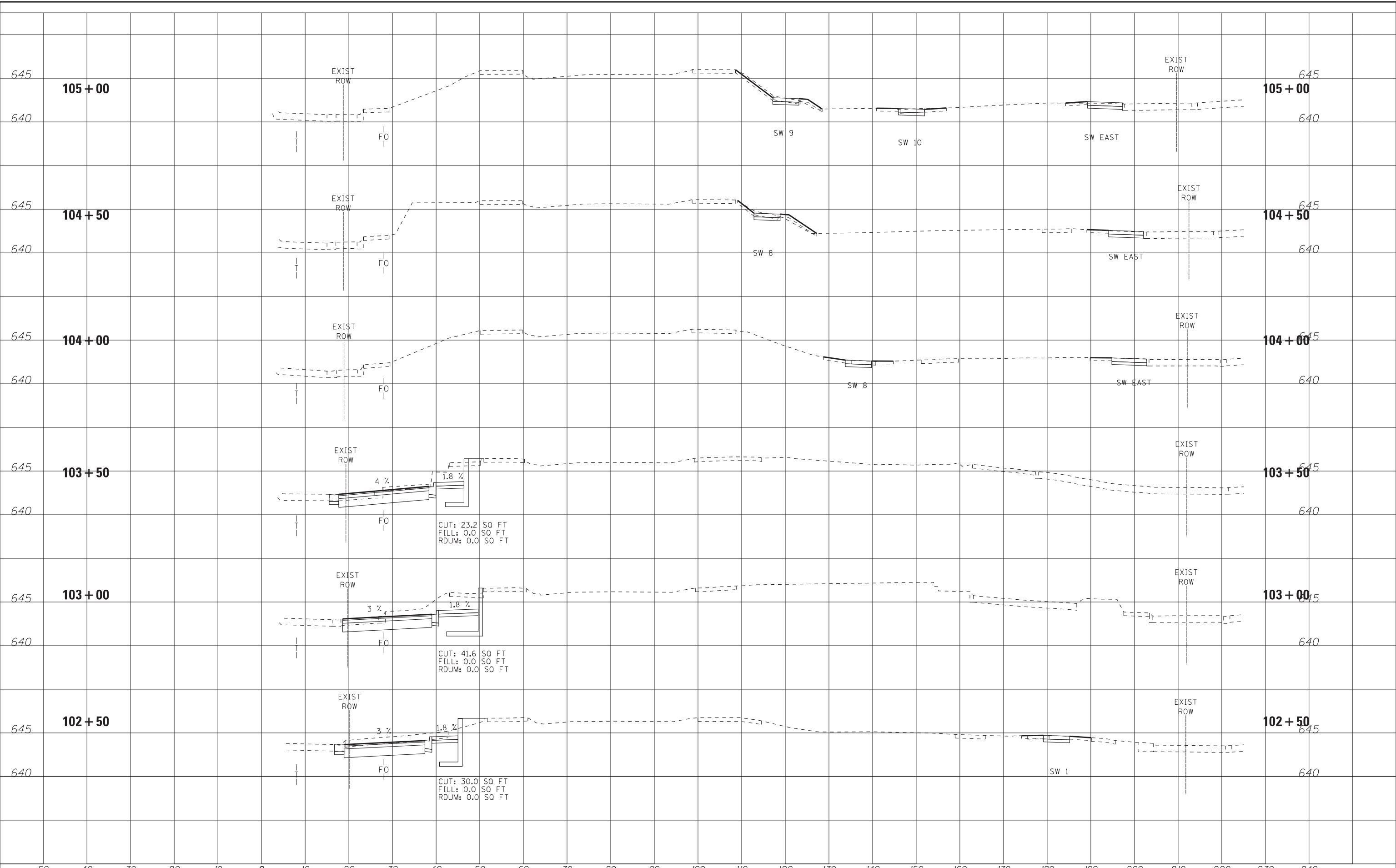
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HILLGROVE AVENUE
CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5'
 STA. 100+00 TO STA. 102+12

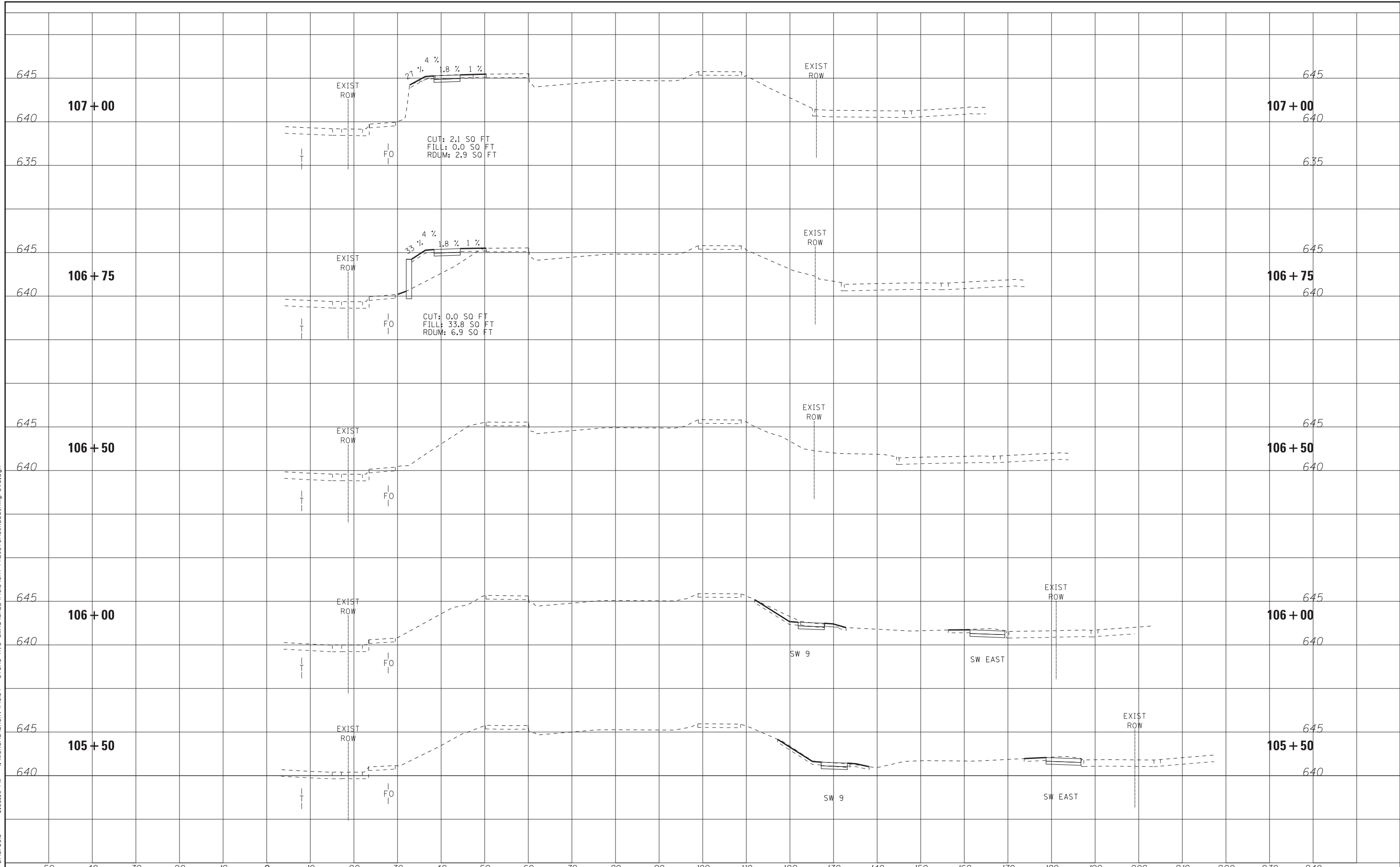
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	44
CONTRACT NO. 61E45				

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BAXTER & WOODMAN <small>Consulting Engineers</small>	DESIGNED - JDM DRAWN - KAR CHECKED - TMS DATE - 01-15-18	REVISED - REVISED - REVISED - FILE - 140184SHT-PH2_Stone_Xsec_Hillgrove.dgn	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HILLGROVE AVENUE CROSS SECTIONS	MUN. RTE. 2070C	SECTION 14-00089-00-SW	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 45	SCALE: H: 1"=10' V: 1"=5' STA. 102+50 TO STA. 105+00	CONTRACT NO. 61E45
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Consulting Engineers

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CHECKED - TMS	REVISED -
DATE - 01-15-18	FILE - 140184SHT-PH2_Stone_Xsec_Hillgrove.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

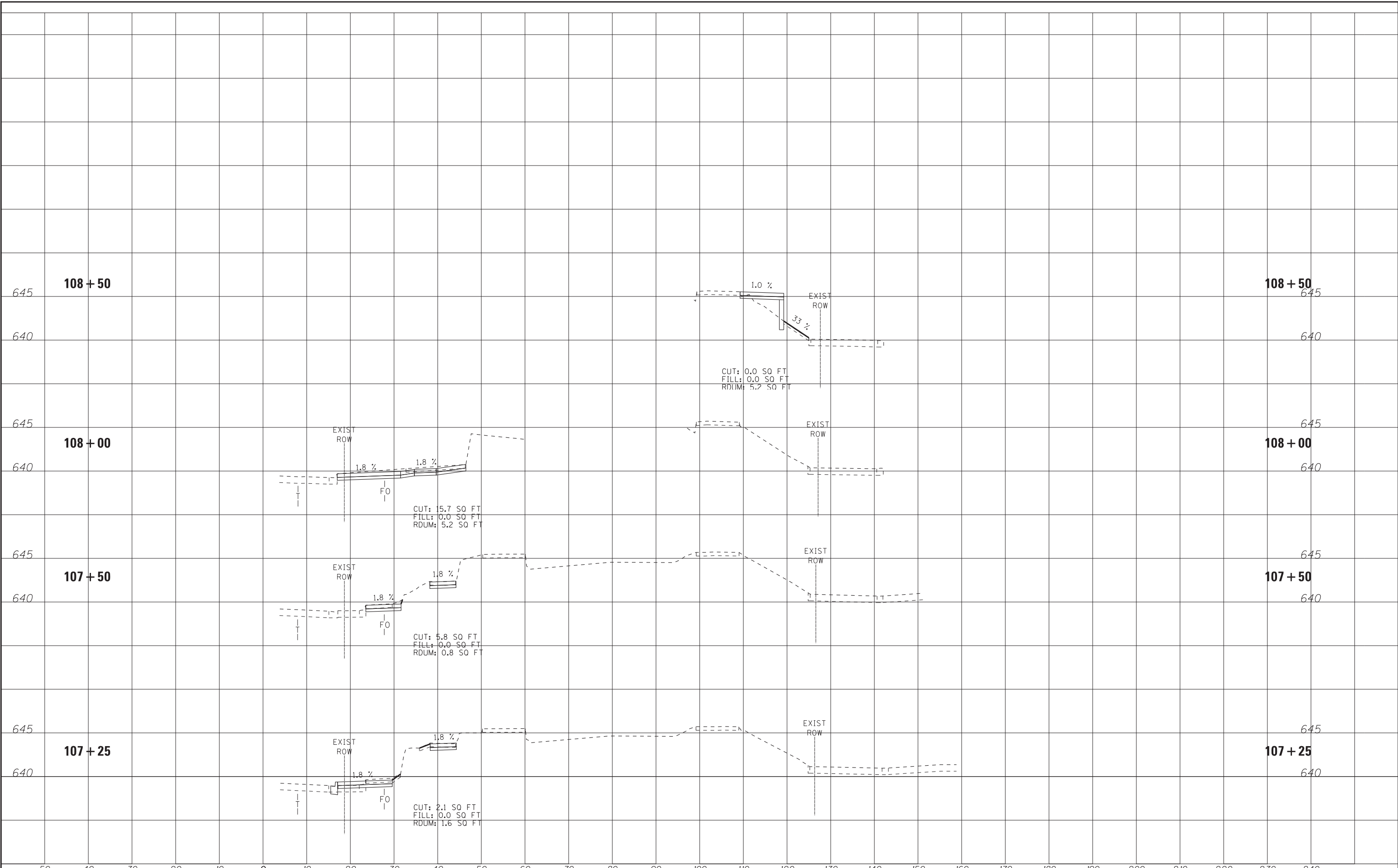
**HILLGROVE AVENUE
CROSS SECTIONS**

SCALE: H: 1"=10' V: 1"=5'

STA. 105+50 TO STA. 107+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	46
CONTRACT NO. 61E45				

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DRAWN -	KAR	REVISED -	
CHECKED -	TMS	REVISED -	
DATE -	01-15-18	FILE -	140184SHT-PH2_Stone_Xsec.Hillgrove.dgn

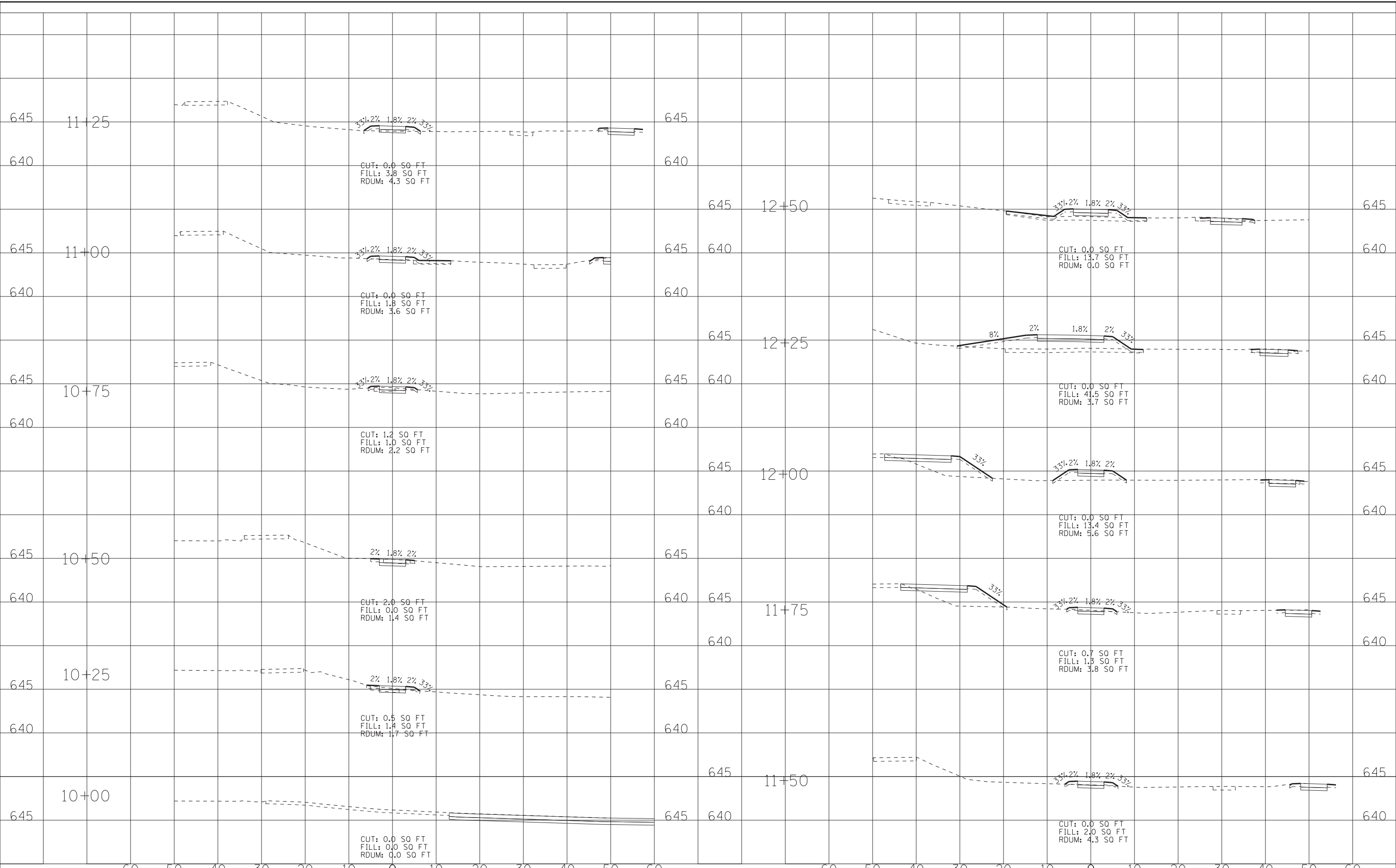
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HILGROVE AVENUE
CROSS SECTIONS

SCALE: H: 1"=10' V: 1"=5' STA. 107+25 TO STA. 108+50

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	47
CONTRACT NO. 61E45				

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DATE - 01-15-18	FILE - 140184SHT-PH2_Stone_Xsec_Sidewalk.dgn

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DEPARTMENT OF TRANSPORTATION

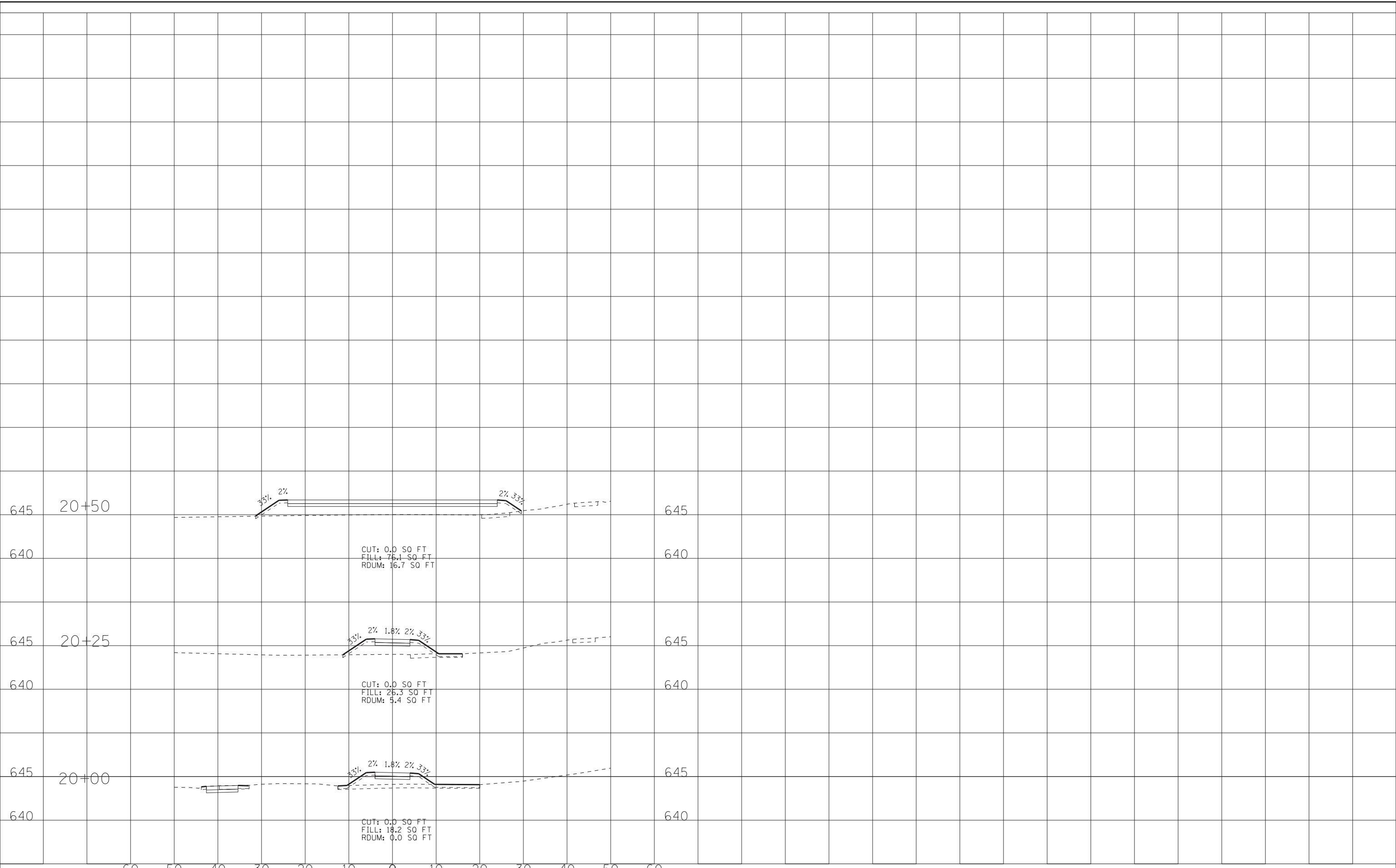
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SIDEWALK 1
CROSS SECTIONS

STA. 10+00 TO STA. 12+50

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	48
CONTRACT NO. 61E45				

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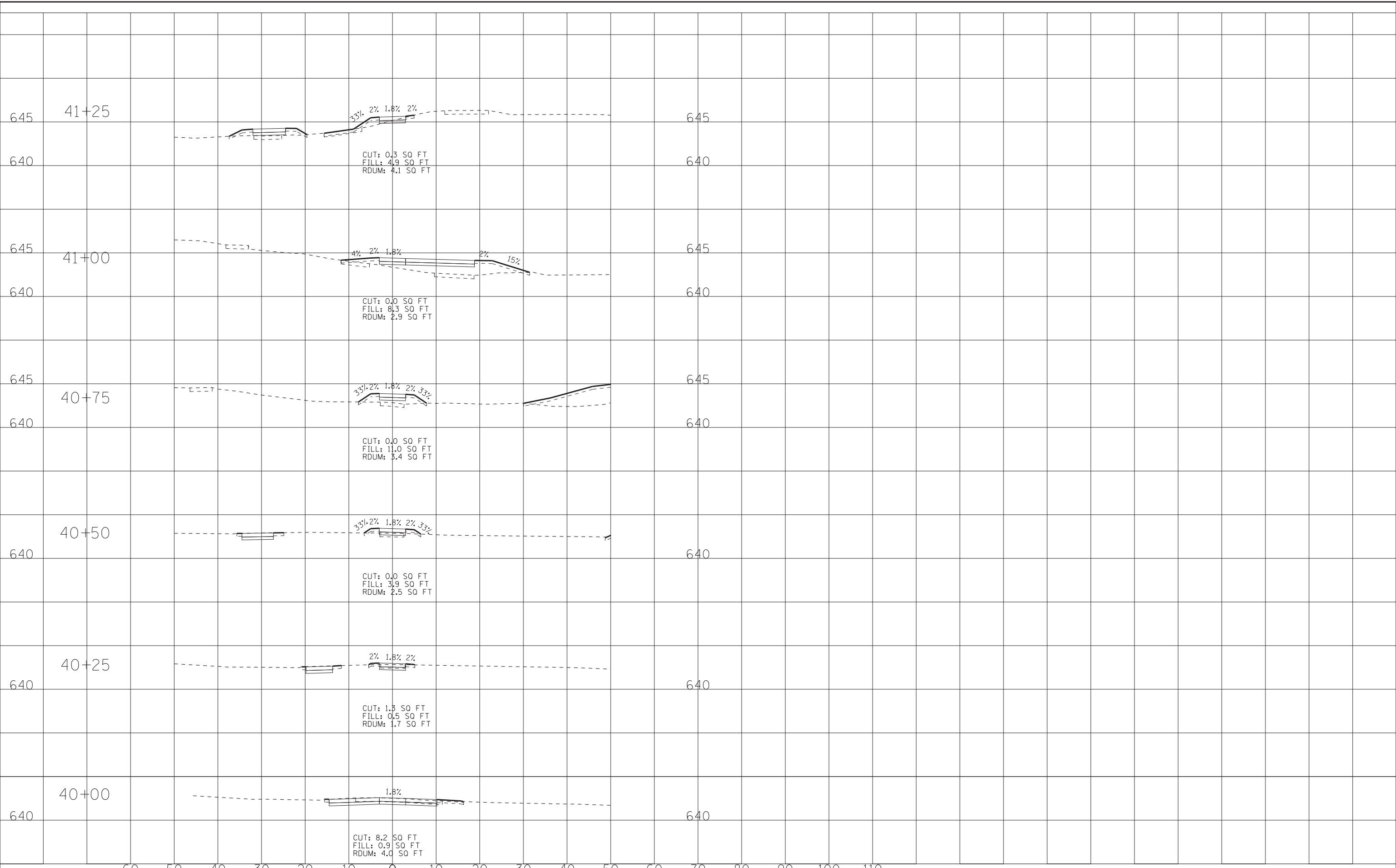
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DATE - 01-15-18	FILE - 140184SHT-PH2_Stone_Xsec_Sidewalk2.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK 2
CROSS SECTIONS
 SCALE: H: 1"=10' V: 1"=5'
 STA. 20+00 TO STA. 20+50

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	49
CONTRACT NO. 61E45				

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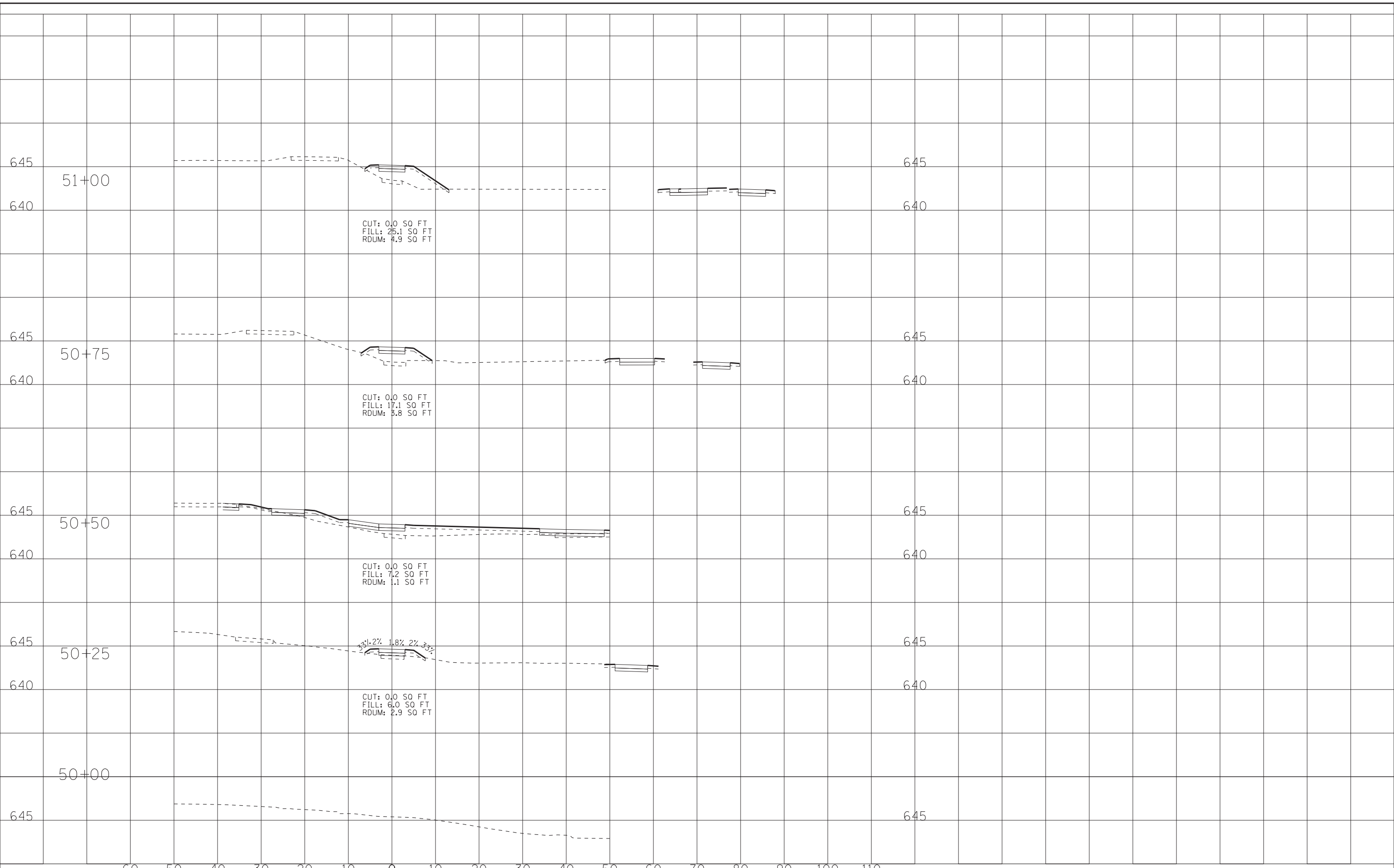
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**SIDEWALK 7
CROSS SECTIONS**

STA. 40+00 TO STA. 41+25

MUN. RTE. 2070C	SECTION 14-00089-00-SW	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 50
CONTRACT NO. 61E45				

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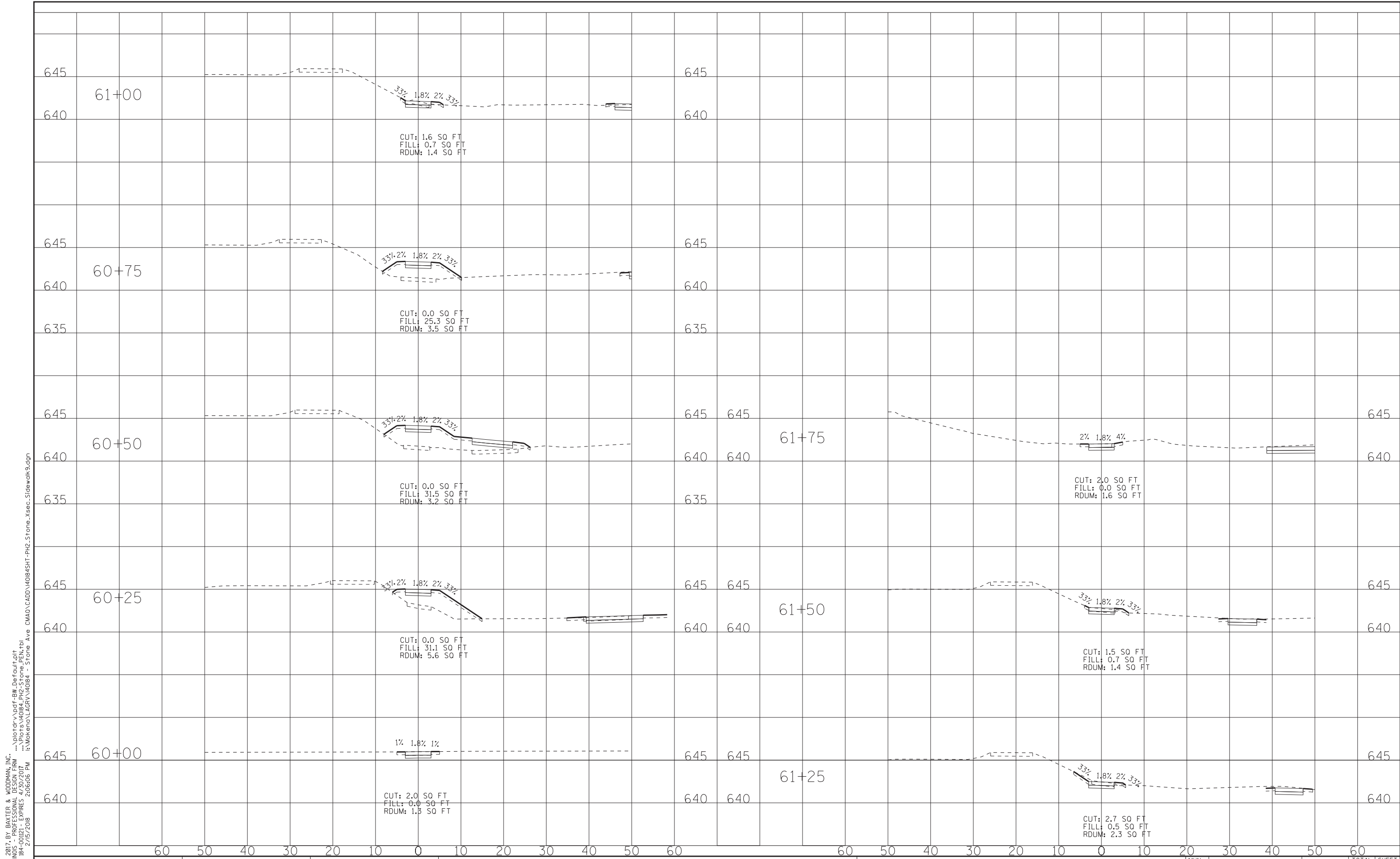
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SCALE: H: 1"=10' V: 1"=5'

SIDEWALK 8
CROSS SECTIONS

STA. 50+00 TO STA. 51+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	51
CONTRACT NO. 61E45				



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DEPARTMENT OF TRANSPORTATION**

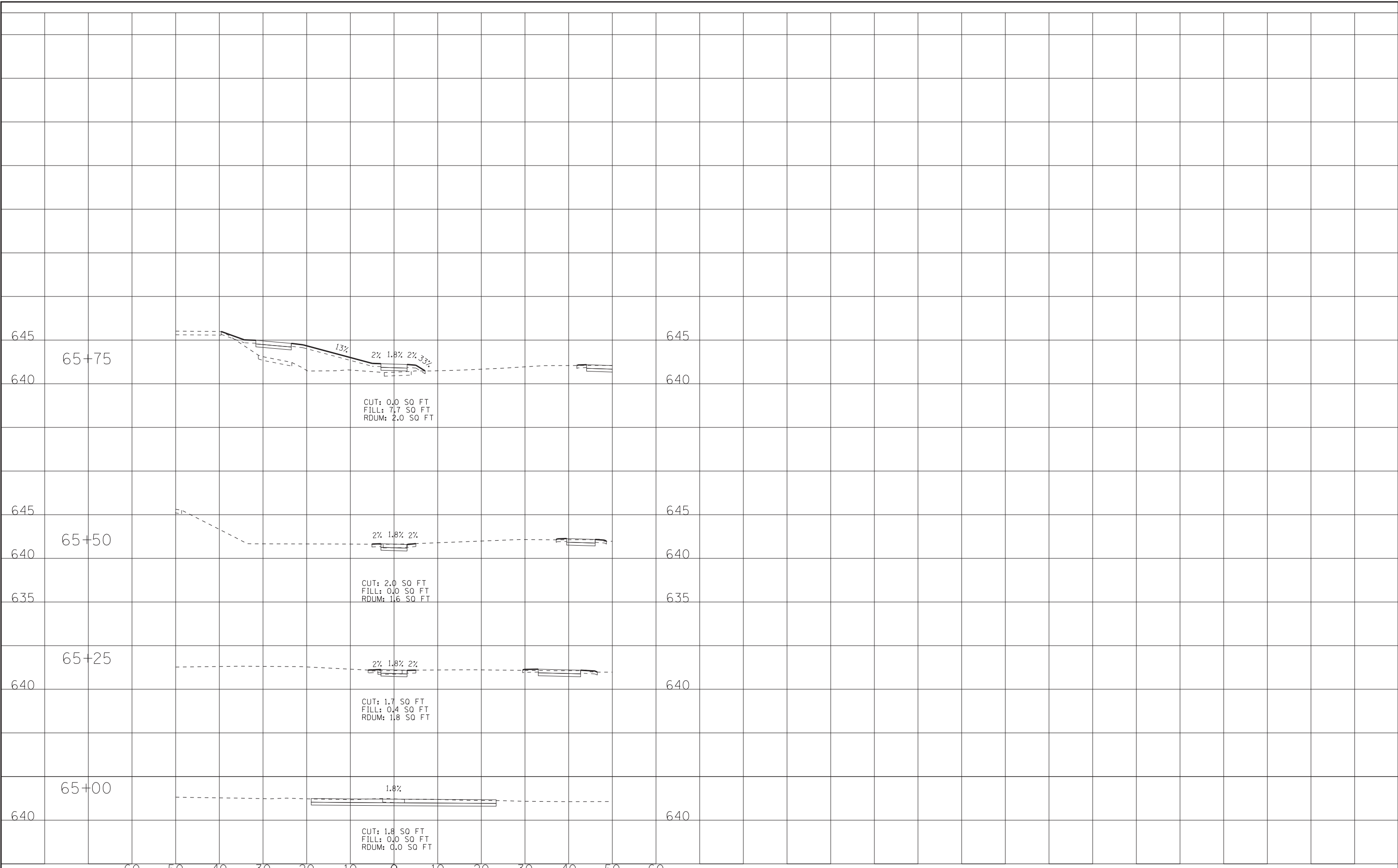
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**SIDEWALK 9
CROSS SECTIONS**

STA. 60+00 TO STA. 61+75

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	52
CONTRACT NO. 61E45				

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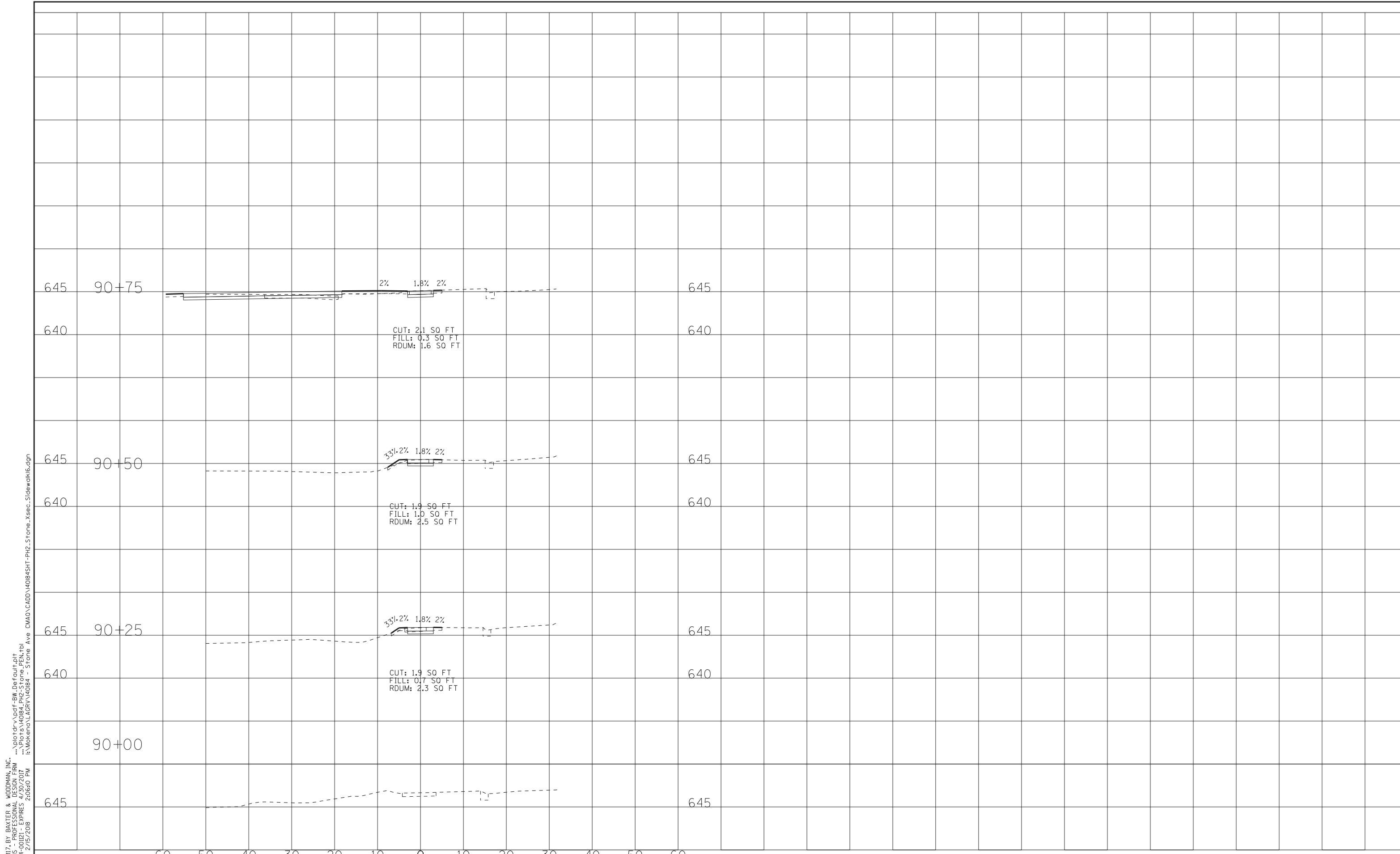
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**SIDEWALK 10
 CROSS SECTIONS**

SCALE: H: 1"=10' V: 1"=5'

STA. 65+00 TO STA. 65+75

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	53
CONTRACT NO. 61E45				



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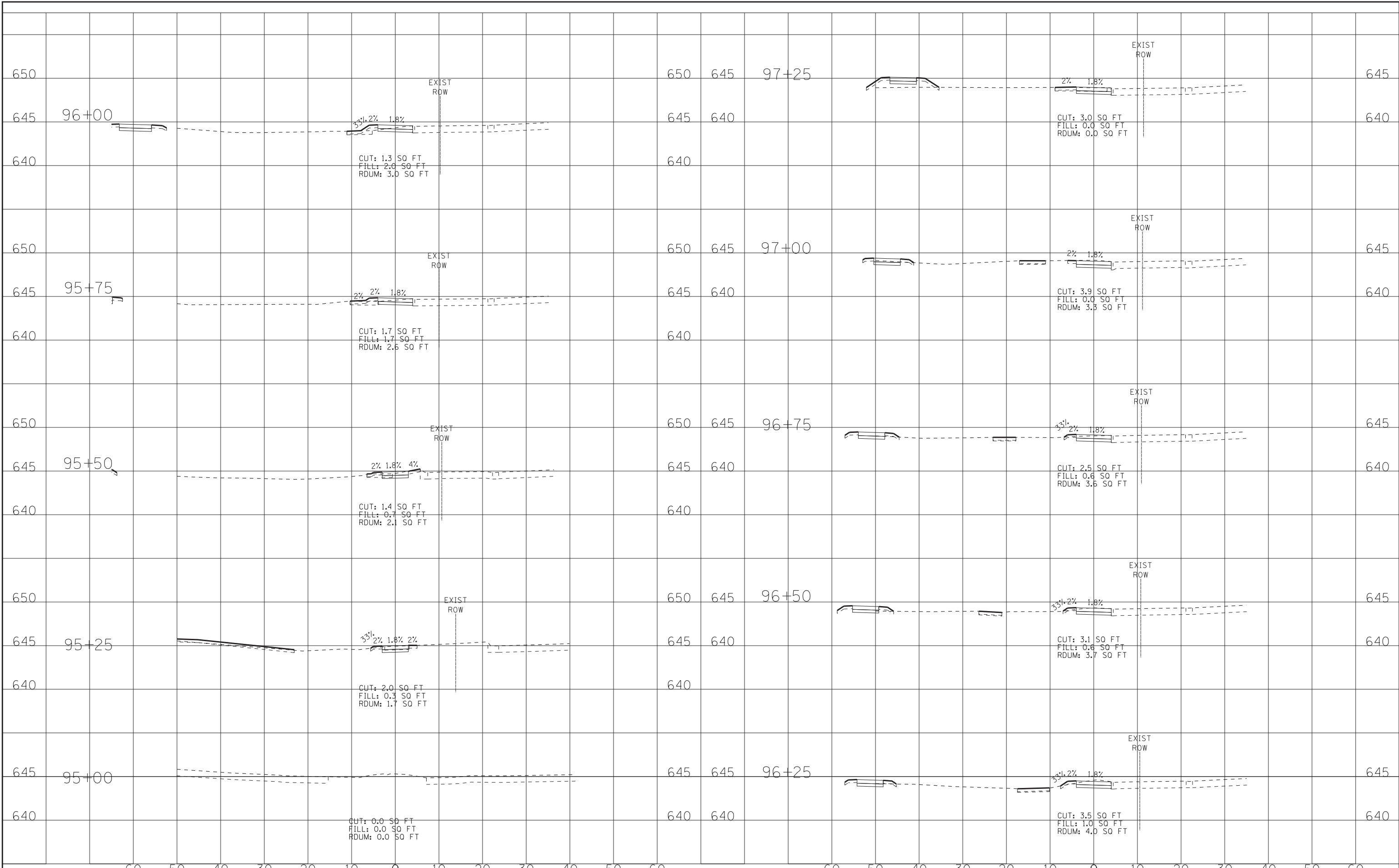
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK 16
CROSS SECTIONS
 SCALE: H: 1"=10' V: 1"=5'
 STA. 90+00 TO STA. 90+75

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	54
CONTRACT NO. 61E45				

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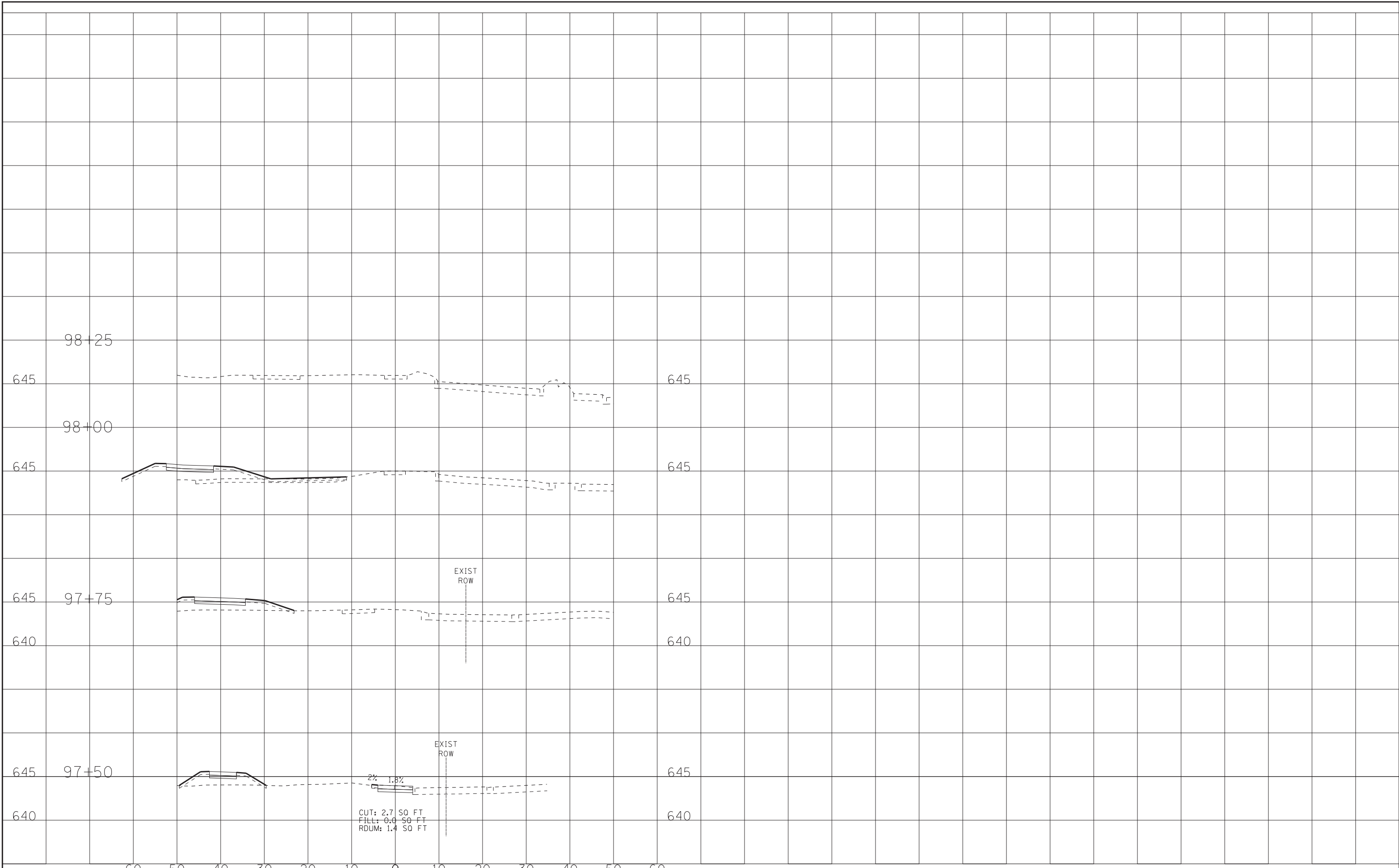
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**SIDEWALK WEST
CROSS SECTIONS**

STA. 95+00 TO STA. 97+25

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	55
CONTRACT NO. 61E45				

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STATE OF ILLINOIS
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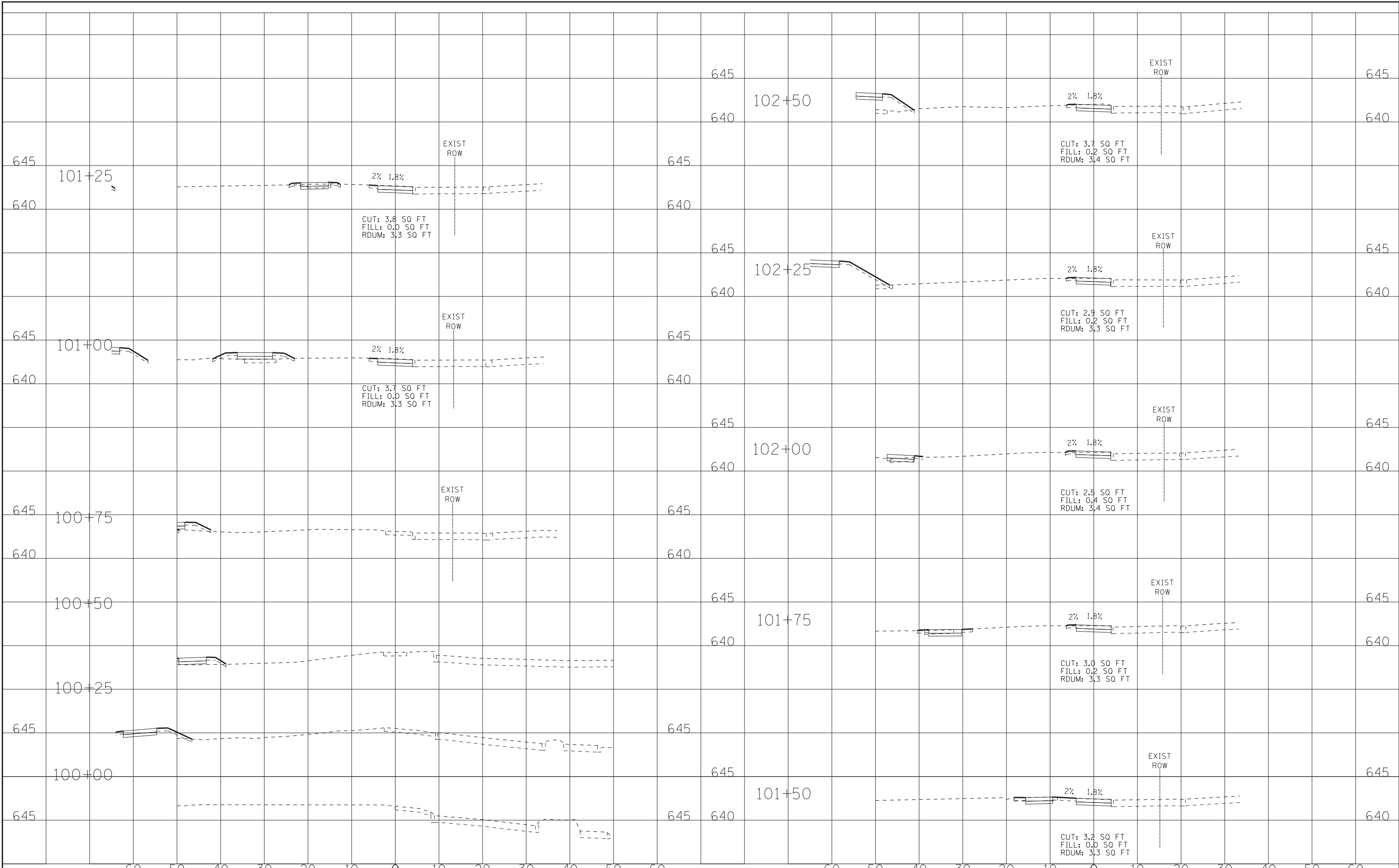
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**SIDEWALK WEST
CROSS SECTIONS**

STA. 97+50 TO STA. 98+25

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	56
CONTRACT NO. 61E45				

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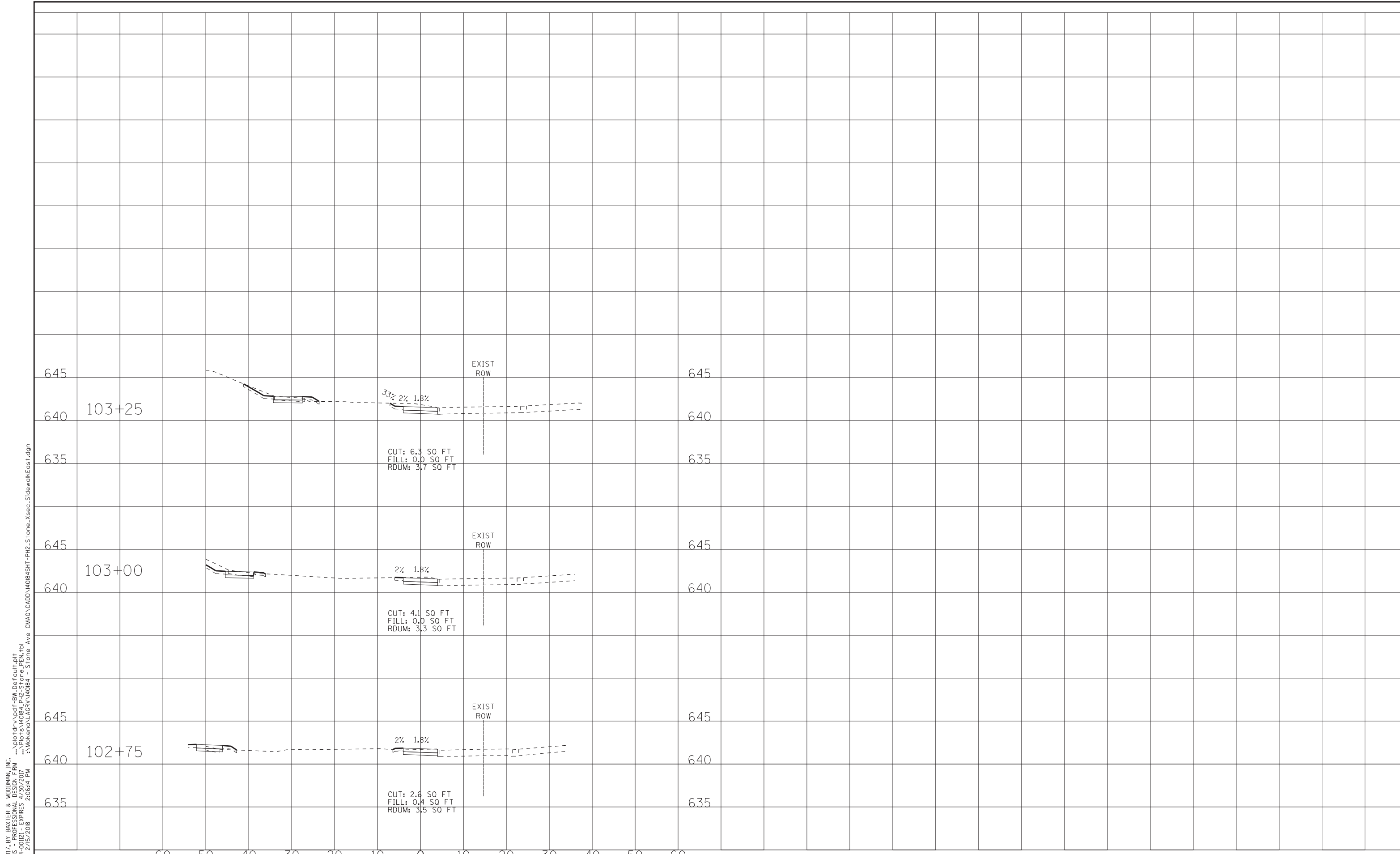
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK EAST
CROSS SECTIONS**

SCALE: H: 1"=10' V: 1"=5' STA. 100+00 TO STA. 102+50

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	57
CONTRACT NO. 61E45				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK EAST
CROSS SECTIONS**

SCALE: H: 1"=10' V: 1"=5' STA. 102+75 TO STA. 103+25

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2070C	14-00089-00-SW	COOK	58	58
CONTRACT NO. 61E45				