

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CH/CM RIE. 710/71	SECTION 17-00103-00-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 1
		ILLINOIS	CONTRACT NO. 61F14	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA

EXISTING ADT:

PALATINE ROAD TO US-14 = 5,700 (2017)

US-14 TO DUNDEE ROAD = 6,550 (2017)

SPEED LIMIT:

20-30 MPH (POSTED)

DESIGN DESIGNATION

MAJOR COLLECTOR

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

OR ROUTE 710/CH 71V (SMITH STREET/SMITH ROAD)
PALATINE ROAD TO DUNDEE ROAD

RESURFACING

SECTION 17-00103-00-RS

PROJECT HMUP(404)

VILLAGE OF PALATINE

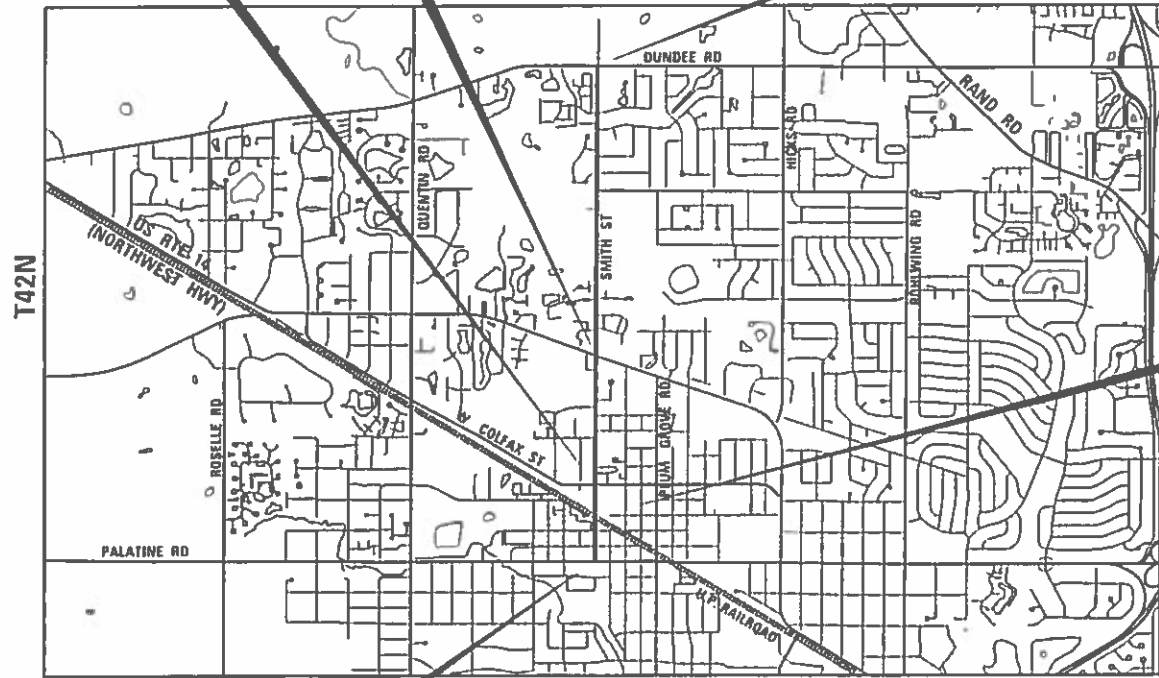
COOK COUNTY
C-91-139-18

OMISSION OF IMPROVEMENTS
STA 141+72.27 TO STA 144+76.30

OMISSION OF IMPROVEMENTS
STA 115+67.90 TO STA 117+35.84

END IMPROVEMENT
STA 204+93.02

OMISSION OF IMPROVEMENTS
STA 109+34.19 TO STA 110+27.10



LOCATION MAP

NOT TO SCALE

GROSS LENGTH = 10,624 FT. = 2.01 MILE
NET LENGTH = 10,224 FT. = 1.94 MILE

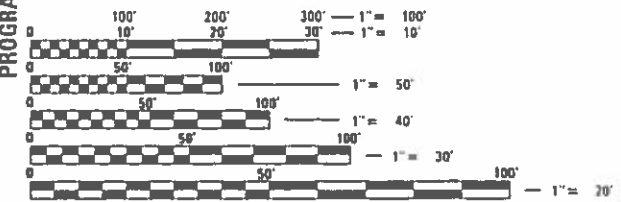
BEGIN IMPROVEMENT
STA 100+31.62



DAN BRUCKELMEYER
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062.063352
MY LICENSE EXPIRES ON 11-30-19.
DATE 8/23/18



LOCATION OF SECTION INDICATED THIS: -



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONSULTING ENGINEERS **BLA, Inc.**
333 PIERCE ROAD SUITE 200 (TASCA, IL 60143)
P(630) 438 6400 F(630) 438 6444 www.bla-inc.com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved: *Matt D...*
8/23/18
VILLAGE OF PALATINE

Passed: *August 29, 2018*
Christopher...
District One Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *August 29, 2018*
Anthony J. Dringley
Regional Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E., SCHAUMBURG, IL

INDEX OF SHEETS

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DISTRICT DETAILS

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HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 001006 DECIMAL EQUIVALENTS OF AN INCH-FOOT
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
 424001-10 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 424011-03 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
 424016-04 MID-BLOCK CURB RAMPS FOR SIDEWALKS
 424031-01 MEDIAN PEDESTRIAN CROSSINGS
 442201-03 CLASS C AND D PATCHES
 606001-07 CONCRETE CURB TYPE B COMBINATION CURB AND GUTTER
 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM EDGE OF PVMT
 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
 701502-08 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 701801-06 SIDEWALK, CORNER, OR CROSSWALK CLOSURE
 701901-07 TRAFFIC CONTROL DEVICES
 780001-05 TYPICAL PAVEMENT MARKINGS
 886001-01 DETECTOR LOOP INSTALLATION
 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016 (HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2018; THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH LOCAL EMERGENCY SERVICES AND THE VILLAGE OF PALATINE USING THE FOLLOWING TELEPHONE NUMBERS:
 PALATINE POLICE DEPARTMENT: (847) 359-9000
 PALATINE FIRE DEPARTMENT: 847) 202-6340
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS, IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE VILLAGE.
- THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- NITROGEN FERTILIZER & POTASSIUM FERTILIZER SHALL BE PLACED OVER SODDING AT THE RATE OF 60 POUNDS PER ACRE.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS IS NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURES ARE TO BE PLACED.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, SIDEWALKS, AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MATCHING SHALL NOT EXCEED 1-1/2" WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1" WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH, WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINT WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE DISTRICT DETAIL "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- FOR CLASS D PATCHING, CONTRACTOR SHALL MILL BEFORE PATCHING AS DIRECTED BY THE ENGINEER.
- ALL ELEVATIONS ARE ON THE U.S.G.S. DATUM NAVD 88.
- ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR ADA RAMPS, PAVEMENT MARKINGS, ETC. ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.
- SUPPLEMENTAL WATERING SHALL BE PERFORMED WHEN DIRECTED BY THE ENGINEER AT A RATE OF 10 GAL PER SQ YD FOR SODDED AREAS.
- TEMPORARY INFORMATION SIGNING AND CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT PROJECT LIMITS AND INTERSECTIONS, OR AS DIRECTED BY THE ENGINEER, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

- ACTUAL LOCATION AND SIZE OF BASE PATCHES WILL BE DETERMINED IN THE FIELD. NO COMPENSATION WILL BE ALLOWED FOR UNUSED PATCHING QUANTITIES.
- TREE ROOT PRUNING SHALL BE USED WHERE NECESSARY IN AREAS OF PROPOSED SIDEWALK AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL USE CAUTION WHEN WORKING NEAR AND UNDER OVERHEAD UTILITY FACILITIES.
- REFER TO ADA RAMP ELEVATION PLAN SHEETS FOR PROPOSED SIDEWALK ELEVATIONS.
- LOCATION AND TYPE OF CLASS PAVEMENT PATCHING SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. PAVEMENT PATCHING SHALL BE UTILIZED AS EXISTING FIELD CONDITIONS NECESSITATE
- REMOVING EXISTING CURB AND GUTTER AND REPLACING WITH COMBINATION CURB AND GUTTER TYPE B-6.12 SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THESE ITEMS SHALL BE UTILIZED AS EXISTING FIELD CONDITIONS NECESSITATE.
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 6" IS ESTIMATED TO BE WITHIN 2' OF THE REMOVAL OR PLACEMENT OF CURB AND SIDEWALK UNLESS OTHERWISE INDICATED.
- INLET FILTERS SHALL BE PLACED IN ALL OPEN FRAME STRUCTURES WITHIN THE PAVEMENT AND CURB.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE U.P./METRA RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE U.P./METRA RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.

UTILITY CONTACTS:

- ATT
 JANET AHERN
 1000 COMMERCE DRIVE
 OAK BROOK, IL 60523
 630-573-6414
- COMED
 CARLA WALDVOGEL
 7601 S. LAWDALE AVE
 CHICAGO, IL 60652
 630-437-4855
- NICOR GAS
 CONNIE LANE
 1844 FERRY ROAD
 NAPERVILLE, IL 60563
 630-388-3830
- VILLAGE WATER AND SANITARY
 GEORGE RUPPERT
 148 W. ILLINOIS AVE
 PALATINE, IL 60067
 847-705-5200

FILE NAME = F:\A636-062_Palatine_Smith_Street_Ph1_IL\CADD_SHEETS\636-062_General_Notes.dgn

	USER NAME = jthede	DESIGNED - JLT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SMITH STREET - VILLAGE OF PALATINE			OR/CH	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - JLT	REVISED -		710/71	17-00103-00-R5	COOK	44			2	
	PLOT SCALE = 100.0000' / in.	CHECKED - DBB	REVISED -		SCALE:	SHEET 2	OF 44 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 61F14		
	PLOT DATE = 8/23/2018	DATE - 07/30/2018	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				ROADWAY 0005
20101200	TREE ROOT PRUNING	EACH	5	5
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	500	500
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6	6
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6	6
25200110	SODDING, SALT TOLERANT	SO YD	500	500
25200200	SUPPLEMENTAL WATERING	UNIT	5	5
28000510	INLET FILTERS	EACH	129	129
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	500	500
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	830	830
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	27,868	27,868
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	60	60
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2,256	2,256
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	612	612
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,112	4,112

* SPECIALITY ITEMS

** CONSTRUCTION TYPE CODE 0042

FILE NAME = F:\636-062 Palatine Smith Street PHA\IT\CADD SHEET\636-062-500.dgn



USER NAME = jthede	DESIGNED - JLT	REVISED -
	DRAWN - JLT	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - DBB	REVISED -
PLOT DATE = 8/23/2018	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SMITH STREET - VILLAGE OF PALATINE SUMMARY OF QUANTITIES			
SCALE:	SHEET 3 OF 44 SHEETS	STA.	TO STA.

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-RS	COOK	44	3
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				ROADWAY 0005
42001300	PROTECTIVE COAT	SO YD	1,114	1,114
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	7,543	7,543
42400800	DETECTABLE WARNINGS	SO FT	751	751
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	2,404	2,404
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	37,883	37,883
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,229	1,229
44000600	SIDEWALK REMOVAL	SO FT	8,218	8,218
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SO YD	1,000	1,000
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SO YD	1,000	1,000
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SO YD	1,000	1,000
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SO YD	1,000	1,000
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
60600605	CONCRETE CURB, TYPE B	FOOT	150	150
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,239	1,239

• SPECIALITY ITEMS

** CONSTRUCTION TYPE CODE 0042

FILE NAME = F:\626-062 Palatine Smith Street PH1.I\1\000 SHEETS\626-062-500.dgn



USER NAME = jhede	DESIGNED - JLT	REVISED -
	DRAWN - JLT	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - DBB	REVISED -
PLOT DATE = 8/23/2018	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SMITH STREET - VILLAGE OF PALATINE SUMMARY OF QUANTITIES		
SCALE:	SHEET 4 OF 44 SHEETS	STA. TO STA.

OR/CH RTE. 710/71	SECTION 17-00103-00-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 4
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				ROADWAY 0005
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	66,375	66,375
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	12,642	12,642
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,174	2,174
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,745	21,745
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,869	2,869
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,683	2,683
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	575	575
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	37	37
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4	4

* SPECIALITY ITEMS

** CONSTRUCTION TYPE CODE 0042

FILE NAME = F:\AG26-062 Palatine Smith Street PH1\ACADD SHEETS\05-062-500.dgn



USER NAME = jthede	DESIGNED - JLT	REVISED -
	DRAWN - JLT	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 8/23/2018	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 44 SHEETS STA. TO STA.

OR/CH RTE. 1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-RS	COOK	44	5
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				ROADWAY 0005
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	308	308
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1
X0326275	RAILROAD RIGHT-OF-WAY ENTRY PERMIT	EACH	1	1
X0327611	REMOVE AND REINSTALL BRICK PAVER	SO FT	645	645
X0327762	RAILROAD FLAGGER	L SUM	1	1
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	30	30
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	169	169
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	180	180
X8140115	HANDHOLE TO BE ADJUSTED	EACH	3	3
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51	51
* Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	17,638	17,638
Z0038114	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1/4"	SO YD	2,404	2,404
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
** Z0076600	TRAINEES	HOUR	500	500
** Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

* SPECIALITY ITEMS

** CONSTRUCTION TYPE CODE 0042

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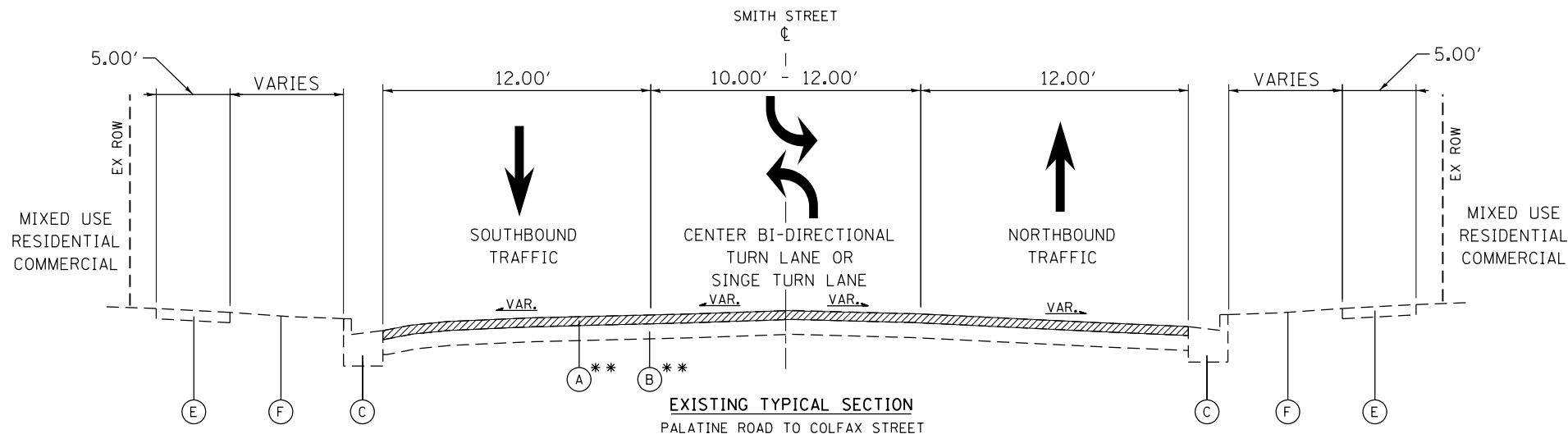
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PLOT DATE = 8/23/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
SUMMARY OF QUANTITIES

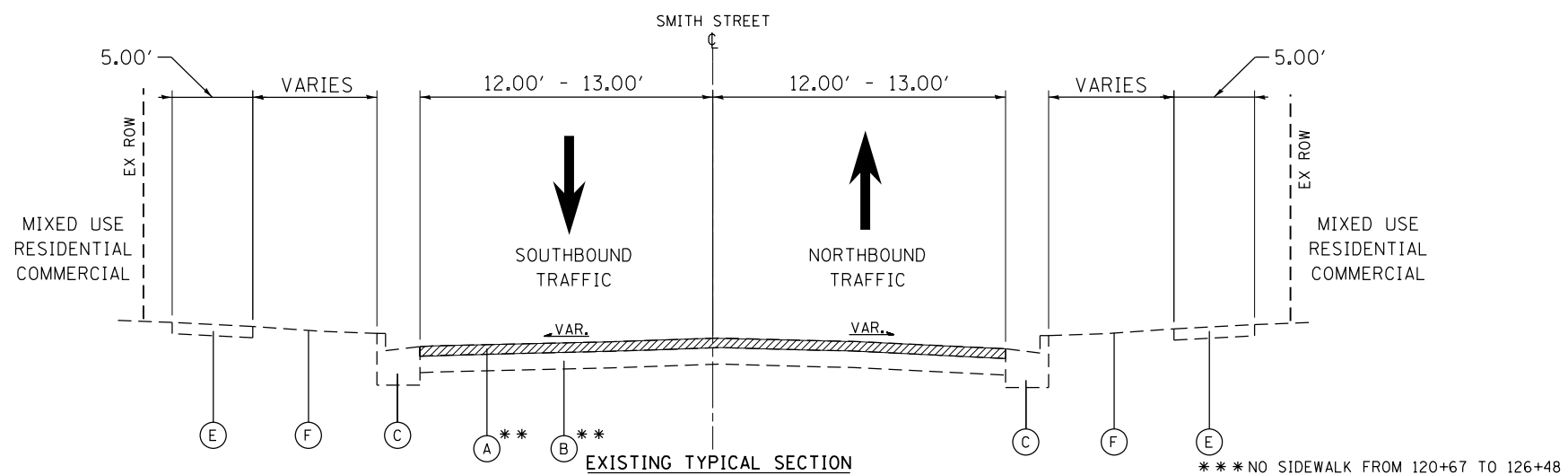
SCALE: SHEET 6 OF 44 SHEETS STA. TO STA.

DR/CH RTE. 710/71	SECTION 17-00103-00-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 6
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
 PALATINE ROAD TO COLFAX STREET
 STA 100+31 TO 121+00, SMITH STREET
 RAILROAD OMISSION TO U.P. RAILROAD
 STA 109+41 TO 110+27, SMITH STREET
 INTERSECTION OMISSION TO COLFAX STREET
 STA 115+68 TO 117+36, SMITH STREET
 US ROUTE 14 (NW HIGHWAY) TO DUNDEE ROAD
 STA 144+76 TO 205+00, SMITH STREET

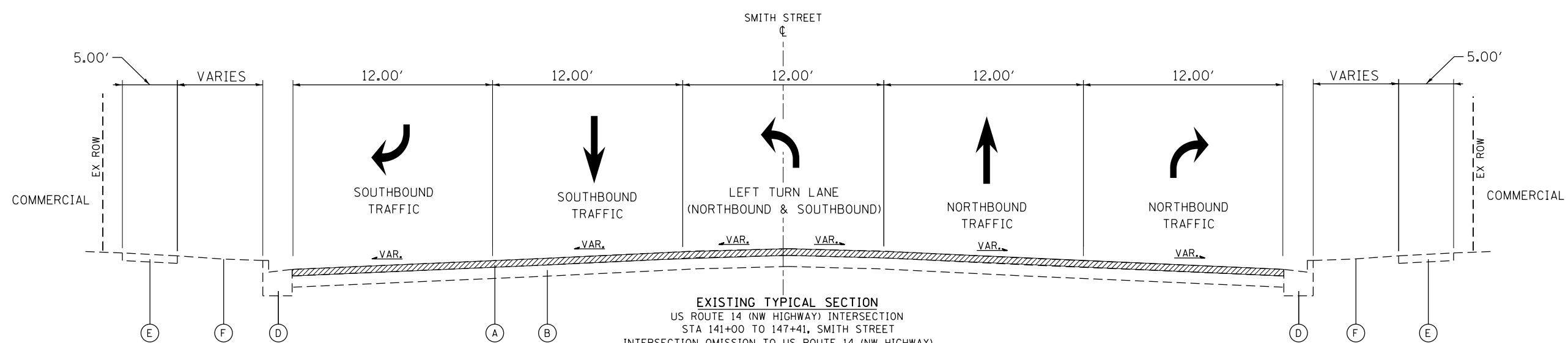
HOT-MIX ASPHALT SURFACE REMOVAL, 3"



EXISTING TYPICAL SECTION
 COLFAX STREET TO US ROUTE 14 (NW HIGHWAY)
 STA 121+00 TO 141+00, SMITH STREET

*** NO SIDEWALK FROM 120+67 TO 126+48

HOT-MIX ASPHALT SURFACE REMOVAL, 3"



EXISTING TYPICAL SECTION
 US ROUTE 14 (NW HIGHWAY) INTERSECTION
 STA 141+00 TO 147+41, SMITH STREET
 INTERSECTION OMISSION TO US ROUTE 14 (NW HIGHWAY)
 STA 141+72 TO 144+76, SMITH STREET

HOT-MIX ASPHALT SURFACE REMOVAL, 3"

- EXISTING LEGEND**
- (A) EX. HOT-MIX ASPHALT SURFACE COURSE, VARIES (R)
 - (B) EX. AGGREGATE BASE COURSE, VARIES
 - * (C) EX. COMB. CONCRETE CURB & GUTTER, TY B-6.12
 - * (D) EX. COMB. CONCRETE CURB & GUTTER, TY B-6.24
 - * (E) EX. P.C.C. SIDEWALK
 - (F) EX. TOPSOIL

ITEMS WITH (R) ARE TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS.

* ITEM TO BE REMOVED AND REPLACED IN KIND AT LOCATIONS IN THE FIELD DIRECTED BY THE ENGINEER.

** FROM STA 110+27 TO 115+68, THE EXISTING 1.75" HMA SURFACE SHALL BE REMOVED WITH AN ADDITIONAL 0.25" PCC SURFACE REMOVAL.

NOTE: ALL OTHER LOCATIONS OTHER THAN NOTES ABOVE HAVE ADEQUATE EXISTING HMA THICKNESS FOR REMOVAL AND REPLACEMENT. PAVEMENT CORE INFORMATION IS AVAILABLE UPON REQUEST.

FILE NAME = F:\A636-062_Palatine_Smith_Street_Plan\11\CADD_SHEETS\636-062_Typical_Sections.dgn

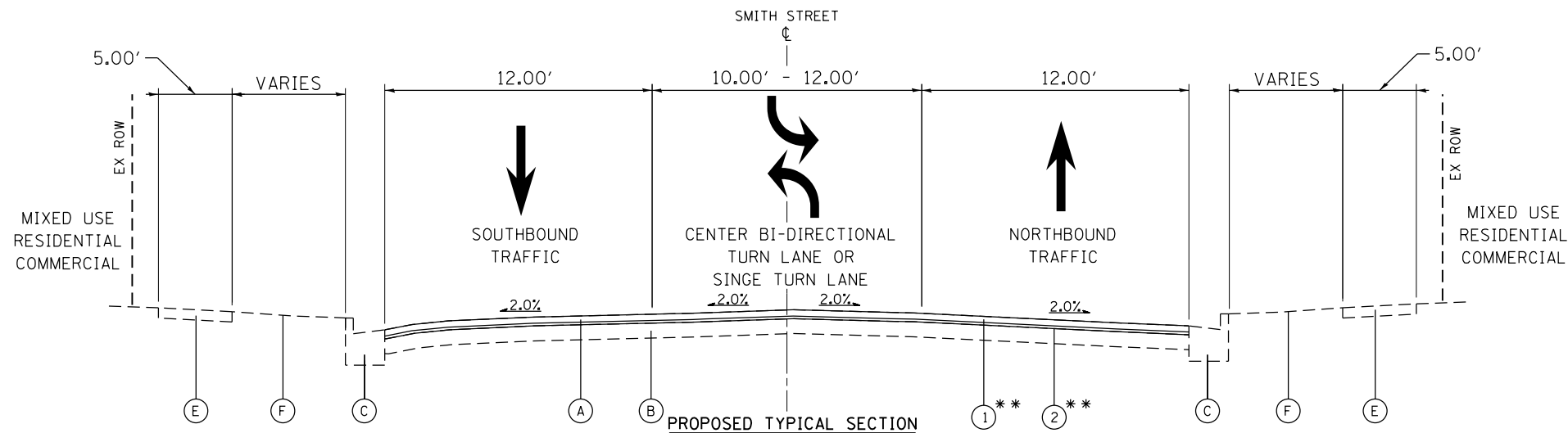


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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SMITH STREET - VILLAGE OF PALATINE	
EXISTING TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET 7 OF 44 SHEETS
STA.	TO STA.

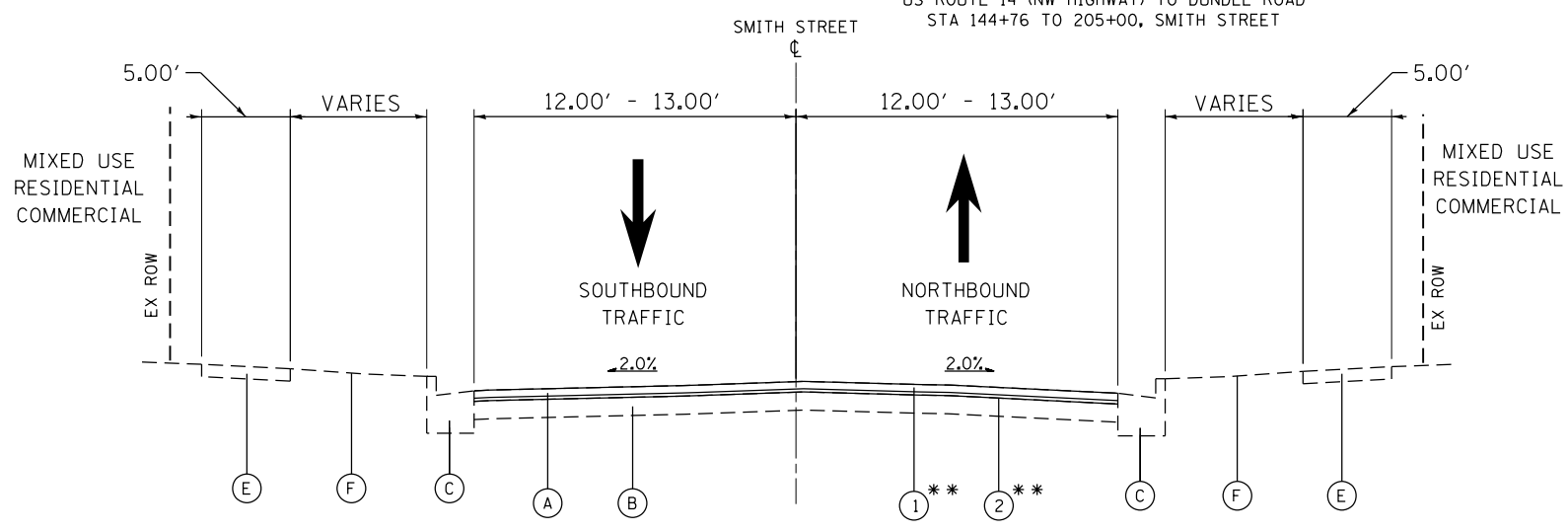
OR/CH R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	7
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
 PALATINE ROAD TO COLFAX STREET
 STA 100+31 TO 121+00, SMITH STREET
 RAILROAD OMISSION TO U.P. RAILROAD
 STA 109+41 TO 110+27, SMITH STREET
 INTERSECTION OMISSION TO COLFAX STREET
 STA 115+68 TO 117+36, SMITH STREET
 US ROUTE 14 (NW HIGHWAY) TO DUNDEE ROAD
 STA 144+76 TO 205+00, SMITH STREET

- EXISTING LEGEND**
- (A) EX. HOT-MIX ASPHALT SURFACE COURSE, VARIES (R)
 - (B) EX. AGGREGATE BASE COURSE, VARIES
 - * (C) EX. COMB. CONCRETE CURB & GUTTER, TY B-6.12
 - * (D) EX. COMB. CONCRETE CURB & GUTTER, TY B-6.24
 - * (E) EX. P.C.C. SIDEWALK
 - (F) EX. TOPSOIL
- ITEMS WITH (R) ARE TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS.
- * ITEM TO BE REMOVED AND REPLACED IN KIND AT LOCATIONS IN THE FIELD DIRECTED BY THE ENGINEER.
 - ** FROM STA 110+27 TO 115+68, THE PR. HMA SURFACE COURSE SHALL BE 1.5" AND THE PR. LEVELING BINDER SHALL BE 0.75".

- PROPOSED LEGEND**
- (1) PR. HMA SURFACE COURSE, MIX "D", N70, 2"
 - (2) PR. POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"



PROPOSED TYPICAL SECTION
 COLFAX STREET TO US ROUTE 14 (NW HIGHWAY)
 STA 121+00 TO 141+00, SMITH STREET

*** NO SIDEWALK FROM 120+67 TO 126+48

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING-EXISTING HMA SECTION	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (IL 9.5 mm), 1"	3.5% @ 50 GYR
PAVEMENT RESURFACING-EXISTING HMA SECTION	
** HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1.5"	4% @ 70 GYR
** POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (IL 9.5 mm), 0.75"	3.5% @ 50 GYR
PAVEMENT PATCHING	
CLASS D PATCHES, HOT-MIX ASPHALT BINDER (IL 19 mm); 8"	4% @ 70 GYR

NOTES:

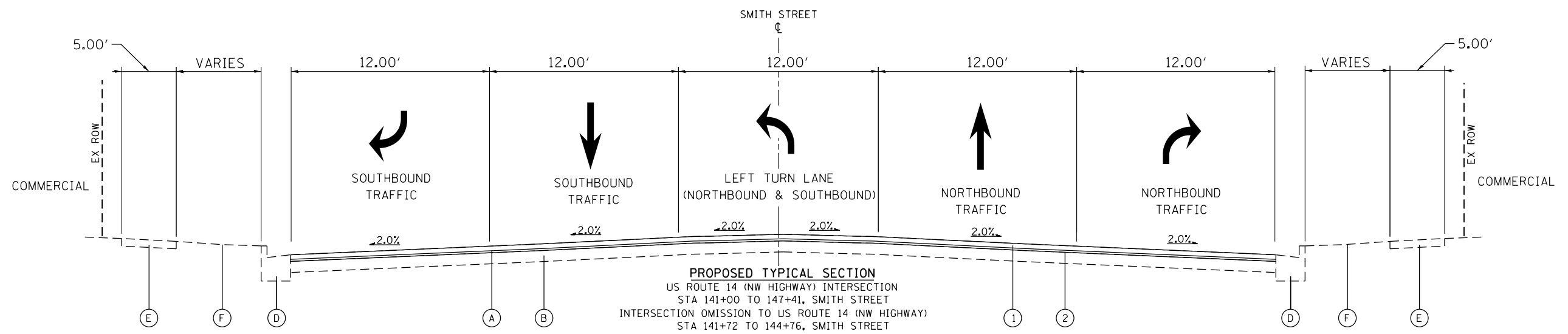
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

FOR CLASS D PATCHING, CONTRACTOR SHALL MILL BEFORE PATCHING AS DIRECTED BY THE ENGINEER.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON LEVELING BINDER WHERE THE PAVEMENT JOINT WILL BE LOCATED.



PROPOSED TYPICAL SECTION
 US ROUTE 14 (NW HIGHWAY) INTERSECTION
 STA 141+00 TO 147+41, SMITH STREET
 INTERSECTION OMISSION TO US ROUTE 14 (NW HIGHWAY)
 STA 141+72 TO 144+76, SMITH STREET

FILE NAME = F:\636-062 Palatine Smith Street PH.L11\CADD SHEETS\636-062_Typical Sections.dgn



USER NAME = jthede	DESIGNED - JLT	REVISED -
	DRAWN - JLT	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - DBB	REVISED -
PLOT DATE = 8/23/2018	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SMITH STREET - VILLAGE OF PALATINE PROPOSED TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET 8 OF 44 SHEETS STA. TO STA.

OR/CH R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	8
			CONTRACT NO. 61F14	
ILLINOIS FED. AID PROJECT				

FILE NAME = F:\636-062 - Palatine - Smith Street - PH.L1\CADD SHEETS\636-062_Schedule.dgn

Table: THERMOPLASTIC PAVEMENT MARKING - LINE 4"

Table: THERMOPLASTIC PAVEMENT MARKING - LINE 6"

Table: THERMOPLASTIC PAVEMENT MARKING - LINE 4"

Table: THERMOPLASTIC PAVEMENT MARKING - LINE 6"

Table: THERMOPLASTIC PAVEMENT MARKING - LINE 12"

Table: THERMOPLASTIC PAVEMENT MARKING - LINE 24"

Table: DETECTABLE WARNINGS

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			
STATION	OFFSET	TYPE	AREA (SQ FT)
101+67	11.16' LT	TURN ARROW	15.6
101+67	2.90' LT	TURN ARROW	15.6
101+96	12.46' LT	ONLY	20.8
101+96	1.84' LT	ONLY	20.8
102+74	1.28' LT	ONLY	20.8
103+06	0.00	TURN ARROW	15.6
104+22	2.49' LT	TURN ARROW	15.6
104+52	1.78' LT	ONLY	20.8
105+56	1.21' LT	ONLY	20.8
105+87	0.00	TURN ARROW	15.6
107+17	2.67' LT	TURN ARROW	15.6
107+47	1.72' LT	ONLY	20.8
107+81	10.96' RT	RAILROAD X	54
107+81	10.96' RT	RAILROAD R	7.2
111+26	5.68' LT	RAILROAD X	54
111+26	5.68' LT	RAILROAD R	7.2
111+77	1.12' LT	TURN ARROW	15.6
112+05	0.00	ONLY	20.8
114+20	0.80' LT	ONLY	20.8
114+50	0.00	TURN ARROW	15.6
115+32	0.00	ONLY	20.8
115+63	1.35' RT	TURN ARROW	15.6
117+55	2.23' LT	TURN ARROW	15.6
117+85	1.26' LT	ONLY	20.8
145+72	15.99' LT	TURN ARROW	15.6
145+72	5.66' LT	THROUGH ARROW	11.5
145+72	5.52' RT	TURN ARROW	15.6
146+02	17.93' LT	ONLY	20.8
146+02	6.05' LT	ONLY	20.8
146+02	6.42' RT	ONLY	20.8
147+30	16.6' RT	SHARROW	11.5
147+30	16.6' RT	SHARROW	11.5
147+61	0.00	TURN ARROW	15.6
147+74	0.00	TURN ARROW	15.6
150+77	0.00	TURN ARROW	15.6


THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			
STATION	OFFSET	TYPE	AREA (SQ FT)
150+84	14.4' LT	SHARROW	11.5
150+84	18.0' RT	SHARROW	11.5
150+92	0.00	TURN ARROW	15.6
151+96	0.00	TURN ARROW	15.6
152+11	0.00	TURN ARROW	15.6
153+13	14.7' LT	SHARROW	11.5
153+13	15.0' RT	SHARROW	11.5
153+16	0.00	TURN ARROW	15.6
153+31	0.00	TURN ARROW	15.6
154+36	0.00	TURN ARROW	15.6
154+51	0.00	TURN ARROW	15.6
155+51	15.4' LT	SHARROW	11.5
155+51	15.4' RT	SHARROW	11.5
155+56	0.00	TURN ARROW	15.6
155+70	0.00	TURN ARROW	15.6
156+81	0.00	TURN ARROW	15.6
156+95	0.00	TURN ARROW	15.6
157+04	15.5' RT	SHARROW	11.5
157+04	15.5' LT	SHARROW	11.5
158+00	0.00	TURN ARROW	15.6
158+15	0.00	TURN ARROW	15.6
159+52	15.3' RT	SHARROW	11.5
159+52	15.3' LT	SHARROW	11.5
160+23	0.00	TURN ARROW	15.6
160+38	0.00	TURN ARROW	15.6
161+42	0.00	TURN ARROW	15.6
161+56	0.00	TURN ARROW	15.6
162+02	15.3' RT	SHARROW	11.5
162+02	15.3' LT	SHARROW	11.5
162+62	0.00	TURN ARROW	15.6
162+77	0.00	TURN ARROW	15.6
163+82	0.00	TURN ARROW	15.6
163+86	15.3' RT	SHARROW	11.5
163+86	15.3' LT	SHARROW	11.5
163+97	0.00	TURN ARROW	15.6

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			
STATION	OFFSET	TYPE	AREA (SQ FT)
165+02	0.00	TURN ARROW	15.6
165+17	0.00	TURN ARROW	15.6
166+15	15.5' RT	SHARROW	11.5
166+15	14.7' LT	SHARROW	11.5
166+22	0.00	TURN ARROW	15.6
166+36	0.00	TURN ARROW	15.6
167+41	0.00	TURN ARROW	15.6
167+56	0.00	TURN ARROW	15.6
167+61	14.7' LT	SHARROW	11.5
167+61	15.9' RT	SHARROW	11.5
168+62	0.00	TURN ARROW	15.6
168+75	0.00	TURN ARROW	15.6
169+79	0.00	TURN ARROW	15.6
169+74	0.00	TURN ARROW	15.6
169+81	15.6' RT	SHARROW	11.5
169+81	15.1' LT	SHARROW	11.5
170+88	0.00	TURN ARROW	15.6
171+03	0.00	TURN ARROW	15.6
171+81	14.8' RT	SHARROW	11.5
171+81	15.8' LT	SHARROW	11.5
172+07	0.00	TURN ARROW	15.6
172+21	0.00	TURN ARROW	15.6
173+27	0.00	TURN ARROW	15.6
173+42	0.00	TURN ARROW	15.6
174+31	14.8' RT	SHARROW	11.5
174+31	15.8' LT	SHARROW	11.5
174+47	0.00	TURN ARROW	15.6
174+61	0.00	TURN ARROW	15.6
175+50	0.00	TURN ARROW	15.6
175+87	0.00	TURN ARROW	15.6
176+06	14.4' RT	SHARROW	11.5
176+06	16.3 LT	SHARROW	11.5
176+93	0.00	TURN ARROW	15.6
177+07	0.00	TURN ARROW	15.6
178+06	14.8' RT	SHARROW	11.5

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			
STATION	OFFSET	TYPE	AREA (SQ FT)
178+06	15.9' LT	SHARROW	11.5
178+13	0.00	TURN ARROW	15.6
178+26	0.00	TURN ARROW	15.6
179+80	0.00	TURN ARROW	15.6
179+94	0.00	TURN ARROW	15.6
180+99	0.00	TURN ARROW	15.6
181+14	0.00	TURN ARROW	15.6
182+19	0.00	TURN ARROW	15.6
182+34	0.00	TURN ARROW	15.6
183+67	0.00	TURN ARROW	15.6
183+82	0.00	TURN ARROW	15.6
185+26	0.00	TURN ARROW	15.6
185+41	0.00	TURN ARROW	15.6
187+10	0.00	TURN ARROW	15.6
187+25	0.00	TURN ARROW	15.6
188+58	0.00	TURN ARROW	15.6
188+72	0.00	TURN ARROW	15.6
189+79	0.00	TURN ARROW	15.6
189+93	0.00	TURN ARROW	15.6
190+98	0.00	TURN ARROW	15.6
191+12	0.00	TURN ARROW	15.6
192+71	0.00	TURN ARROW	15.6
192+86	0.00	TURN ARROW	15.6
194+48	0.00	TURN ARROW	15.6
194+61	0.00	TURN ARROW	15.6
196+65	0.00	TURN ARROW	15.6
196+95	0.00	ONLY	20.8
200+06	0.00	ONLY	20.8
200+37	0.00	TURN ARROW	15.6
201+70	0.00	TURN ARROW	15.6
202+00	0.00	ONLY	20.8
203+90	0.00	ONLY	20.8
204+20	0.00	TURN ARROW	15.6
TOTAL			2,174

STATION	STATION	CLASS D PATCHES, TYPE I, 8 INCH (SQ YD)	CLASS D PATCHES, TYPE II, 8 INCH (SQ YD)	CLASS D PATCHES, TYPE III, 8 INCH (SQ YD)	CLASS D PATCHES, TYPE IV, 8 INCH (SQ YD)
100+63.02	109+45.36	0.0	73.9	0.0	0
110+18.67	115+00.00	0.0	43.0	0.0	0
115+00.00	115+67.90	0.0	0.0	0.0	0
117+35.84	130+00.00	123.3	18.2	0.0	0
130+00.00	141+72.27	36.9	32.1	0.0	0
144+76.30	145+00.00	0.0	0.0	0.0	0
145+00.00	160+00.00	127.8	55.6	0.0	0
160+00.00	174+00.00	0.0	77.8	0.0	39
174+00.00	189+00.00	0.0	90.1	0.0	0
189+00.00	204+00.00	81.9	62.8	17.3	0
204+00.00	204+93.00	0.0	0.0	0.0	0
ADDITIONAL QUANTITY TO BE USED AT ENGINEERS DISCRETION		630	546	983	961
TOTAL		1,000	1,000	1,000	1,000

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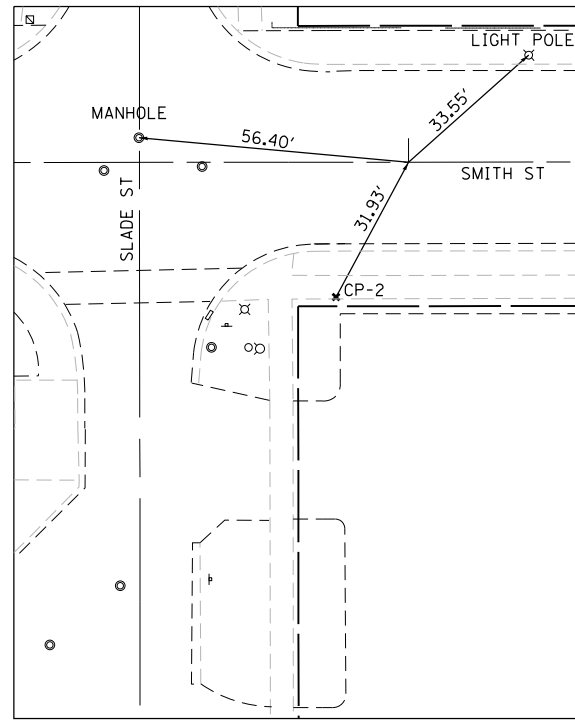
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	PLOT DATE = 8/23/2018	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

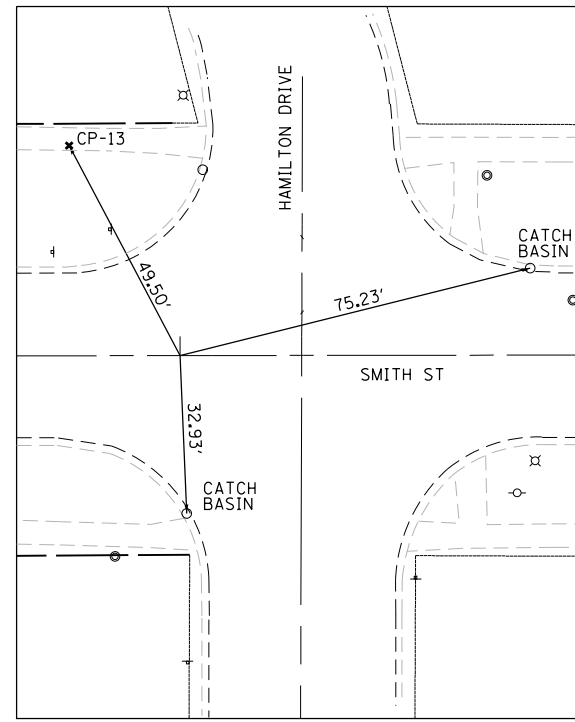
SMITH STREET - VILLAGE OF PALATINE
SCHEDULE OF QUANTITIES

SCALE: SHEET 11 OF 44 SHEETS STA. TO STA.

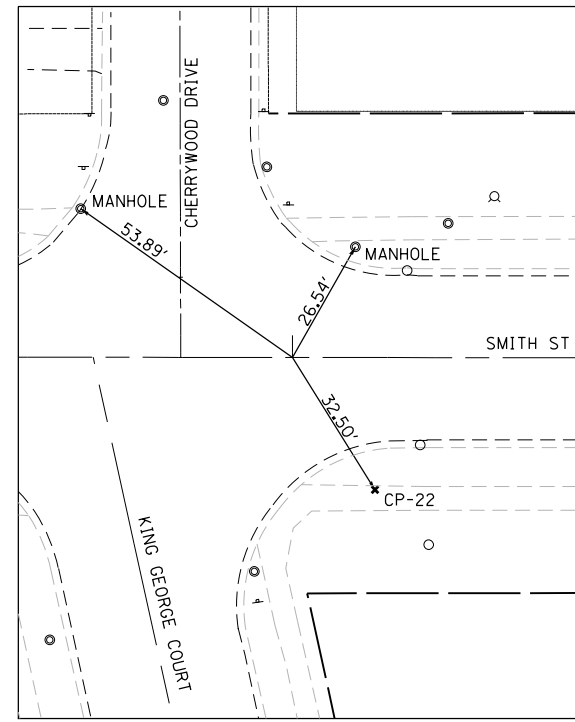
OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	11
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



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 E: 1061506.6290



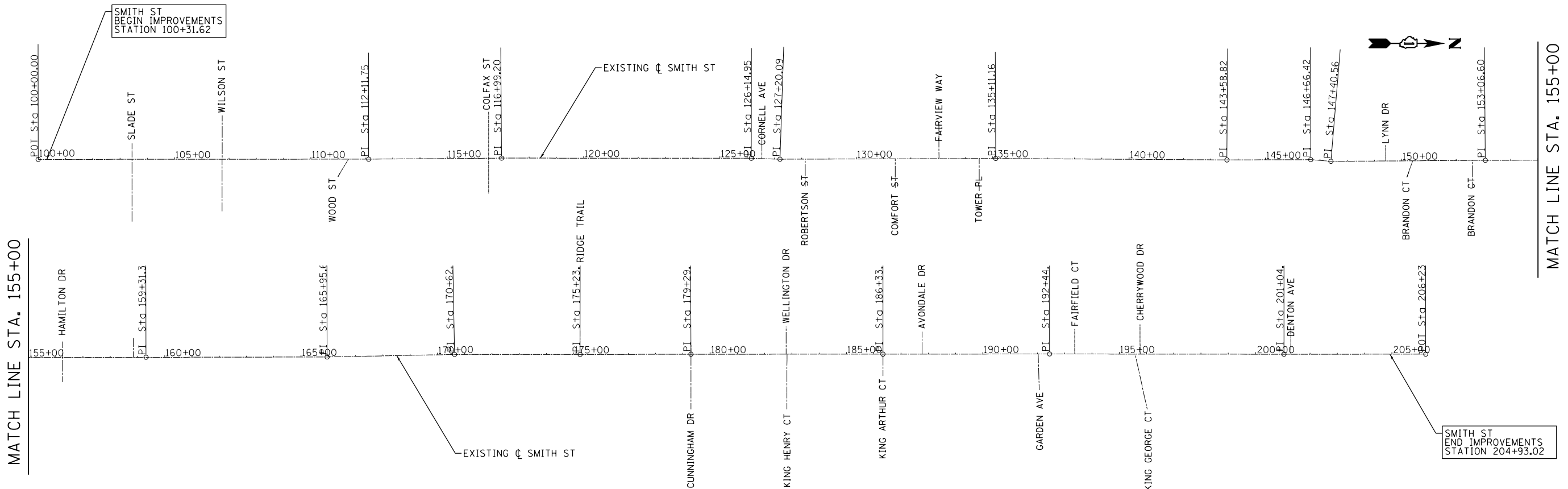
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 E: 1061509.8039



STA: 196+00.00
 N: 1992519.8666
 E: 1061497.5532

COORDINATE DATA TABLE					
STATION	OFFSET	ELEMENT TYPE	NORTHING	EASTING	ELEVATION
103+84.87	28.12' RT	CUT CROSS	1983304.82	1061534.59	745.85
107+04.69	26.17' RT	CUT CROSS	1983624.66	1061532.43	747.90
110+92.20	18.85' LT	CUT CROSS	1984012.97	1061487.69	751.10
127+04.95	23.79' LT	CUT CROSS	1985625.86	1061482.37	752.73
131+91.13	28.07' RT	CUT CROSS	1986111.14	1061532.45	750.23
134+05.51	23.02' RT	CUT CROSS	1986326.16	1061526.40	750.12
149+02.29	48.78' LT	CUT CROSS	1987822.39	1061464.66	764.63
153+18.59	33.41' RT	CUT CROSS	1988238.49	1061543.22	763.71
155+76.95	43.81' LT	CUT CROSS	1988497.34	1061466.56	759.04
159+24.09	23.68' RT	CUT CROSS	1988843.87	1061532.71	751.07
171+61.91	29.13' LT	CUT CROSS	1990082.15	1061470.36	760.97
174+60.70	27.84' RT	CUT CROSS	1990380.39	1061526.41	761.63
178+75.49	31.55' RT	CUT CROSS	1990795.82	1061529.41	760.06
182+40.62	32.23' RT	CUT CROSS	1991160.92	1061529.76	760.58
188+23.98	31.77' LT	CUT CROSS	1991743.46	1061466.15	762.24
191+70.88	39.38' RT	CUT CROSS	1992091.12	1061536.05	764.45
193+63.68	38.37' LT	CUT CROSS	1992283.14	1061459.11	760.11
196+17.24	27.55' RT	CUT CROSS	1992536.91	1061524.77	760.85
201+65.01	31.89' RT	CUT CROSS	1993084.52	1061529.52	765.40

COORDINATE DATA TABLE			
STATION	ELEMENT TYPE	NORTHING	EASTING
100+00.00	-	1061506.9478	1982920.3266
112+11.75	PI	1061505.9820	1984132.0732
116+99.20	PI	1061502.1576	1984619.5079
126+14.95	PI	1061502.7688	1985535.2660
127+20.09	PI	1061506.2479	1985640.3477
135+11.16	PI	1061503.5292	1986431.4137
143+58.82	PI	1061508.7683	1987279.0518
146+66.42	PI	1061507.8219	1987586.6465
147+40.56	PI	1061513.9737	1987660.5329
153+06.60	PI	1061510.2197	1988226.5640
159+31.39	PI	1061509.3343	1988851.3561
165+95.60	PI	1061508.1685	1989515.5610
170+62.97	PI	1061498.8394	1989982.8408
175+23.15	PI	1061498.9871	1990443.0188
179+29.63	PI	1061498.0641	1990849.4942
186+33.77	PI	1061497.7992	1991553.6412
192+44.78	PI	1061497.1548	1992164.6473
201+04.12	PI	1061498.1185	1993023.9876
206+23.96	-	1061497.8172	1993543.8271



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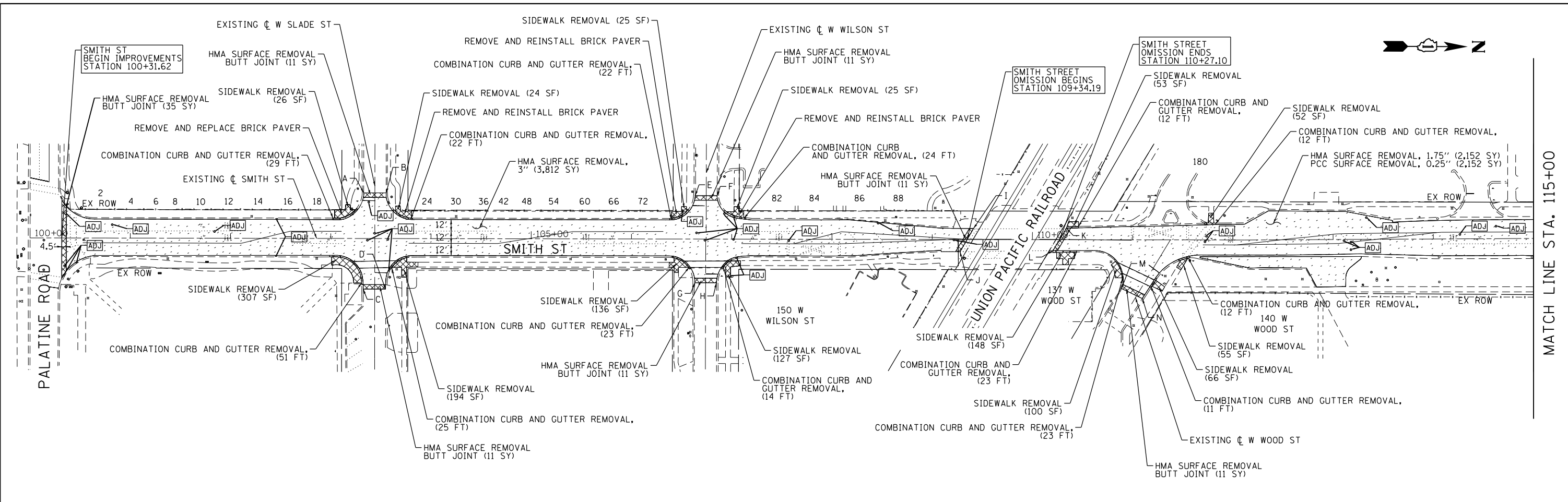
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PLOT DATE = 8/23/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 12 OF 44 SHEETS	STA. TO STA.
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SMITH STREET - VILLAGE OF PALATINE
 ALIGNMENT, TIES, AND BENCHMARKS

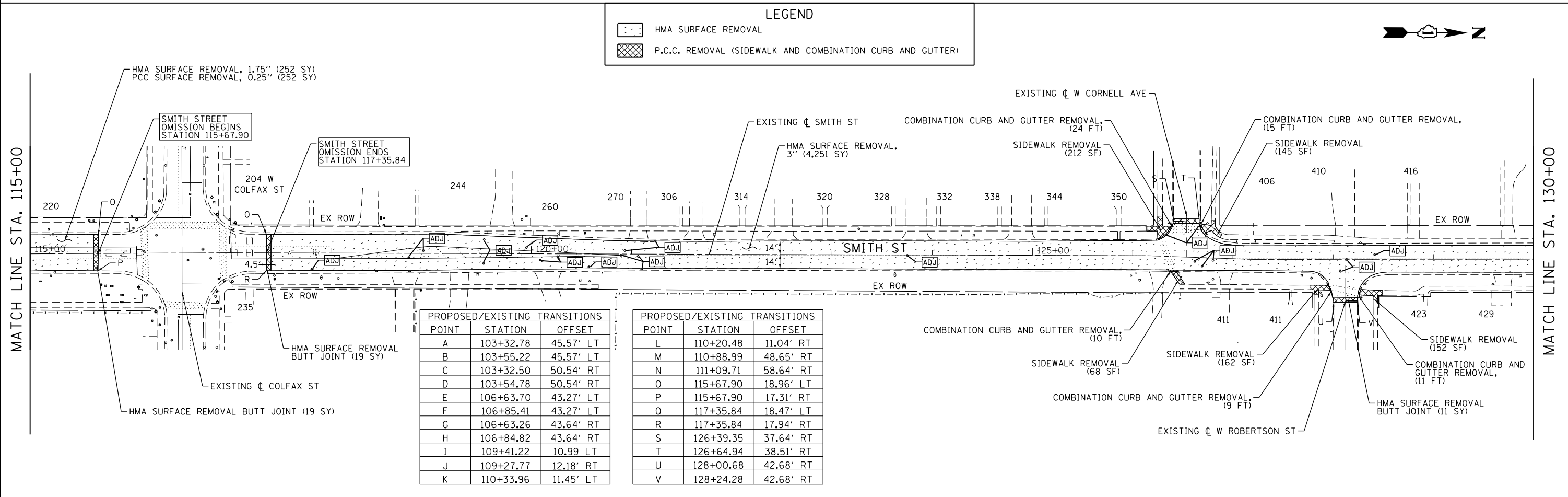
OR/CH R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	12
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 115+00

LEGEND

	HMA SURFACE REMOVAL
	P.C.C. REMOVAL (SIDEWALK AND COMBINATION CURB AND GUTTER)



MATCH LINE STA. 115+00

MATCH LINE STA. 130+00

PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
A	103+32.78	45.57' LT
B	103+55.22	45.57' LT
C	103+32.50	50.54' RT
D	103+54.78	50.54' RT
E	106+63.70	43.27' LT
F	106+85.41	43.27' LT
G	106+63.26	43.64' RT
H	106+84.82	43.64' RT
I	109+41.22	10.99' LT
J	109+27.77	12.18' RT
K	110+33.96	11.45' LT

PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
L	110+20.48	11.04' RT
M	110+88.99	48.65' RT
N	111+09.71	58.64' RT
O	115+67.90	18.96' LT
P	115+67.90	17.31' RT
Q	117+35.84	18.47' LT
R	117+35.84	17.94' RT
S	126+39.35	37.64' RT
T	126+64.94	38.51' RT
U	128+00.68	42.68' RT
V	128+24.28	42.68' RT



USER NAME = dbruckelmeyer	DESIGNED - JLT	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - JLT	REVISED -
PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

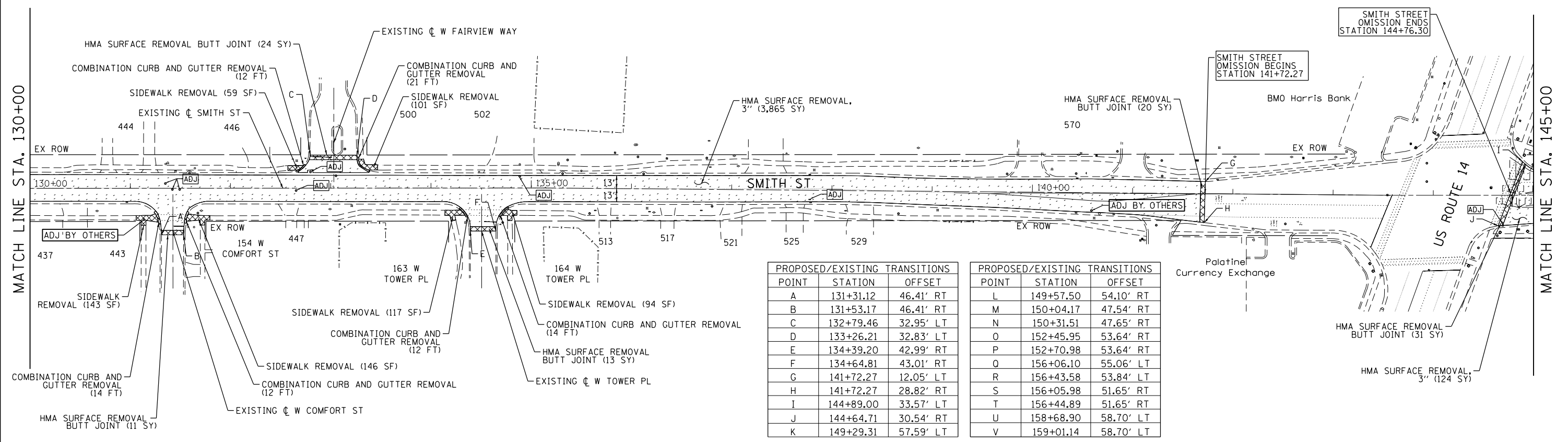
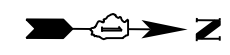
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SMITH STREET - VILLAGE OF PALATINE
REMOVAL PLAN**

SCALE: 1"=50' SHEET 13 OF 44 SHEETS STA. 100+00 TO STA. 130+00

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-RS	COOK	44	13
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	

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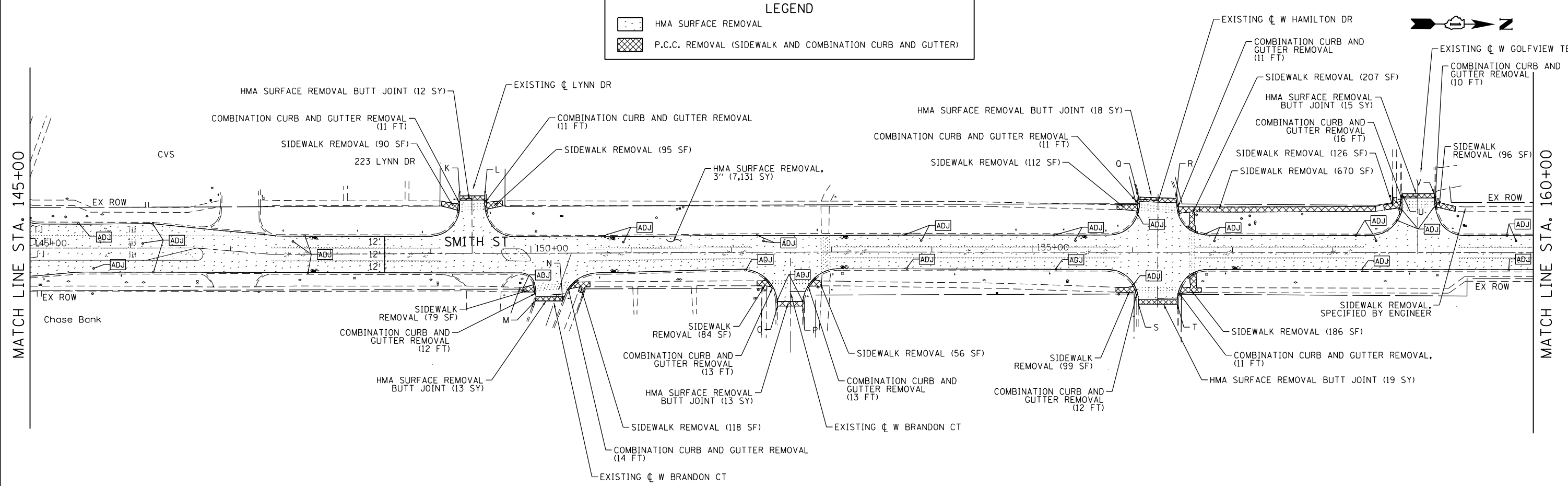


PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
A	131+31.12	46.41' RT
B	131+53.17	46.41' RT
C	132+79.46	32.95' LT
D	133+26.21	32.83' LT
E	134+39.20	42.99' RT
F	134+64.81	43.01' RT
G	141+72.27	12.05' LT
H	141+72.27	28.82' RT
I	144+89.00	33.57' LT
J	144+64.71	30.54' RT
K	149+29.31	57.59' LT

PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
L	149+57.50	54.10' RT
M	150+04.17	47.54' RT
N	150+31.51	47.65' RT
O	152+45.95	53.64' RT
P	152+70.98	53.64' RT
Q	156+06.10	55.06' LT
R	156+43.58	53.84' LT
S	156+05.98	51.65' RT
T	156+44.89	51.65' RT
U	158+68.90	58.70' LT
V	159+01.14	58.70' LT

LEGEND

- HMA SURFACE REMOVAL
- P.C.C. REMOVAL (SIDEWALK AND COMBINATION CURB AND GUTTER)



FILE NAME = F:\636-062 Palatine Smith Street PHL ITCADD SHEETS\636-062-Removal_Sheet 2.130-00-160-00.dgn



USER NAME = dbruckelmeyer	DESIGNED - JLT	REVISED -
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PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

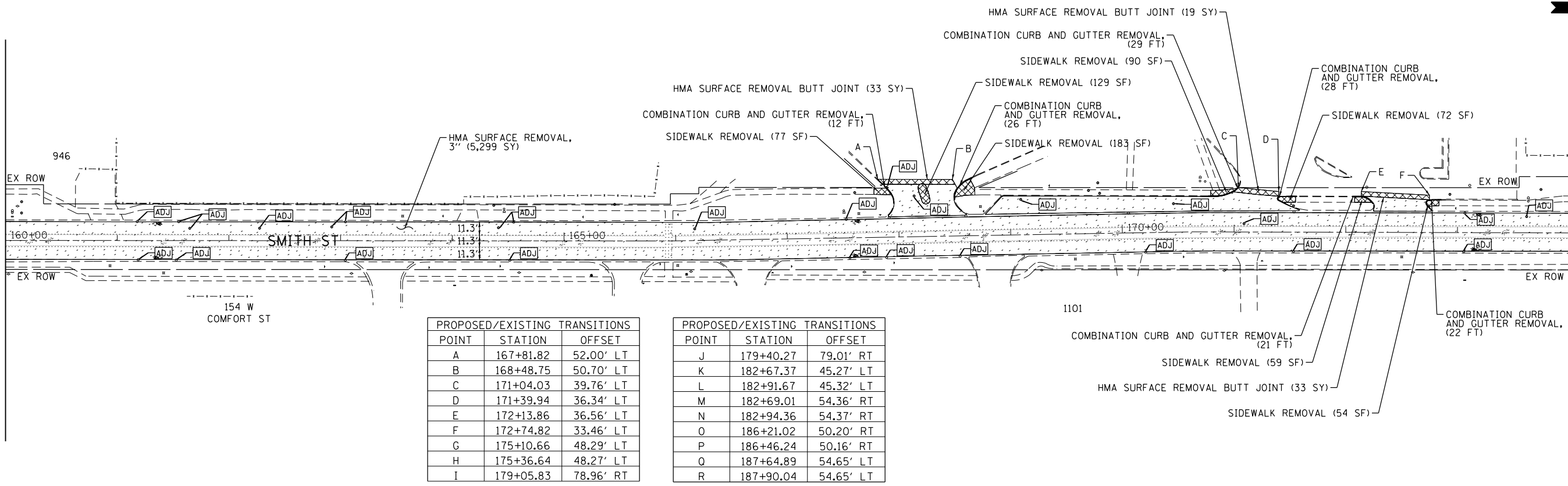
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SMITH STREET - VILLAGE OF PALATINE
REMOVAL PLAN**

SCALE: 1"=50' SHEET 14 OF 44 SHEETS STA. 130+00 TO STA. 160+00

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-RS	COOK	44	14
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 160+00



MATCH LINE STA. 174+00

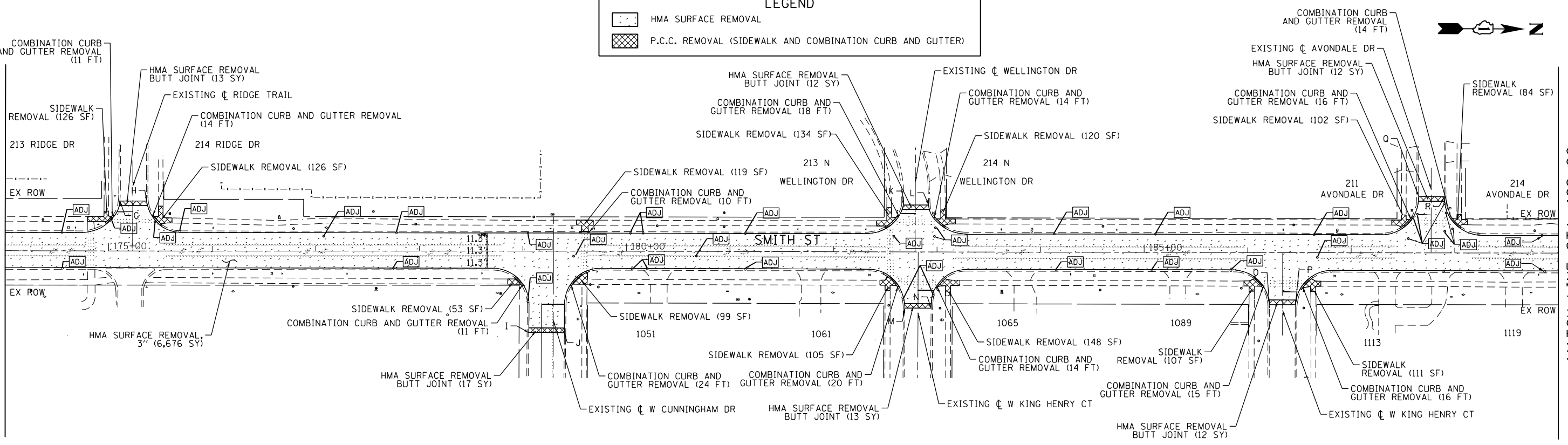
POINT	STATION	OFFSET
A	167+81.82	52.00' LT
B	168+48.75	50.70' LT
C	171+04.03	39.76' LT
D	171+39.94	36.34' LT
E	172+13.86	36.56' LT
F	172+74.82	33.46' LT
G	175+10.66	48.29' LT
H	175+36.64	48.27' LT
I	179+05.83	78.96' RT

POINT	STATION	OFFSET
J	179+40.27	79.01' RT
K	182+67.37	45.27' LT
L	182+91.67	45.32' LT
M	182+69.01	54.36' RT
N	182+94.36	54.37' RT
O	186+21.02	50.20' RT
P	186+46.24	50.16' RT
Q	187+64.89	54.65' LT
R	187+90.04	54.65' LT

LEGEND

- HMA SURFACE REMOVAL
- P.C.C. REMOVAL (SIDEWALK AND COMBINATION CURB AND GUTTER)

MATCH LINE STA. 174+00



MATCH LINE STA. 189+00

FILE NAME = F:\636-062 Palatine Smith Street PHL\11\ADD SHEETS\636-062-Removal_Sheet_3_160-00-189+00.dgn



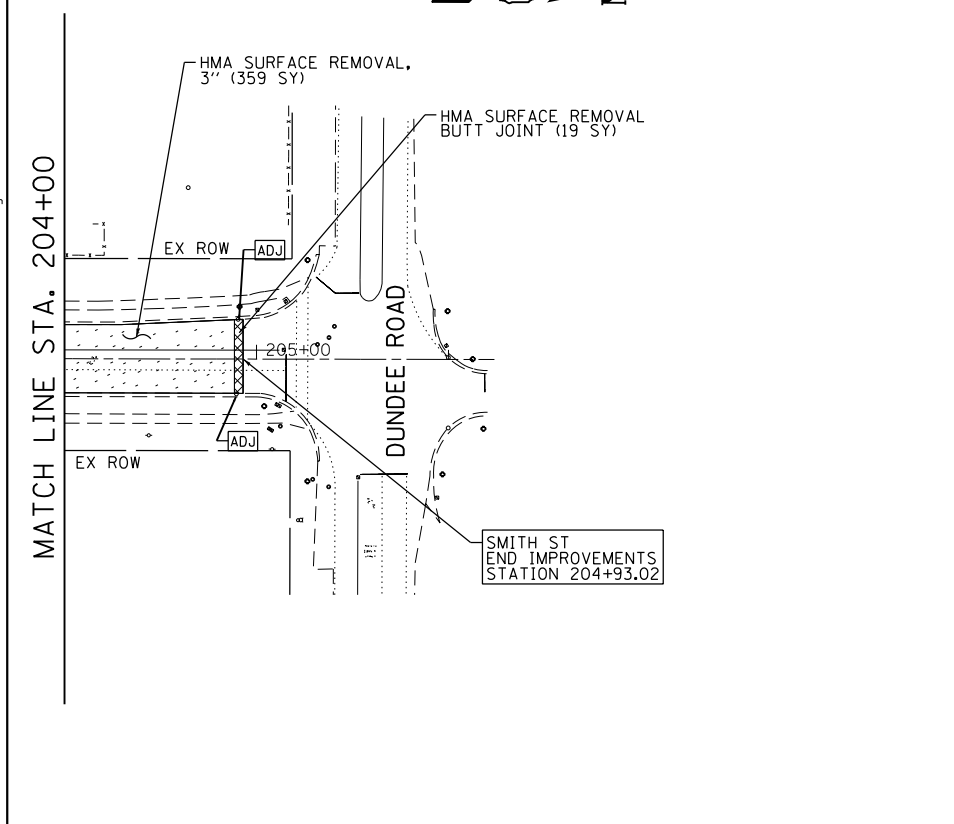
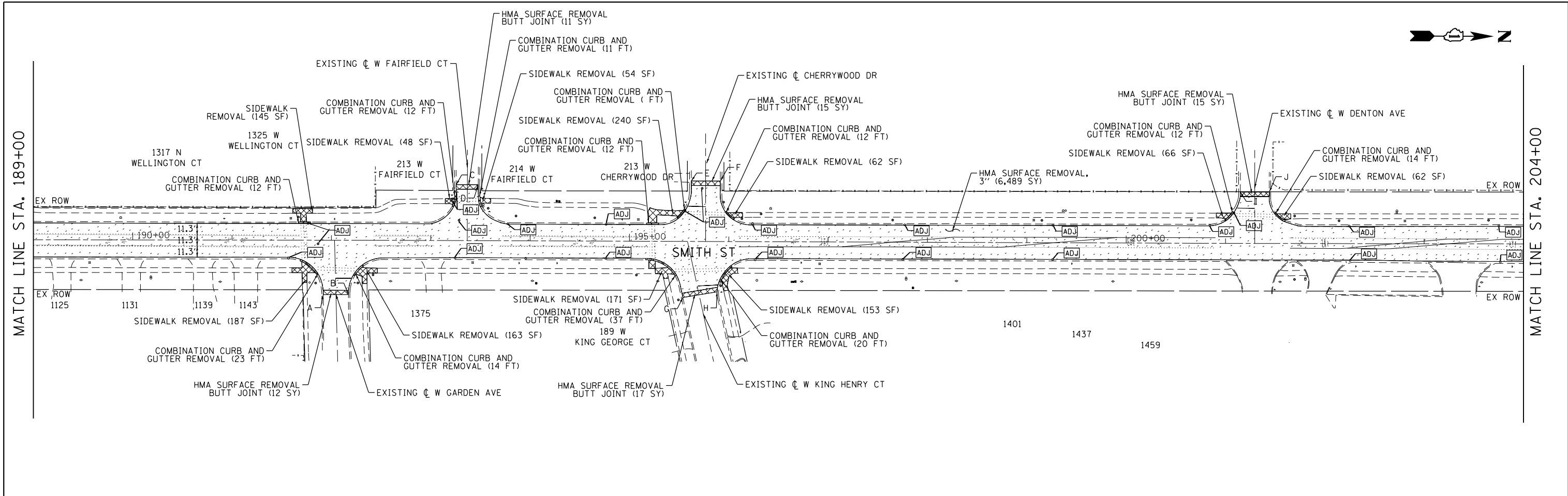
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	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
REMOVAL PLAN

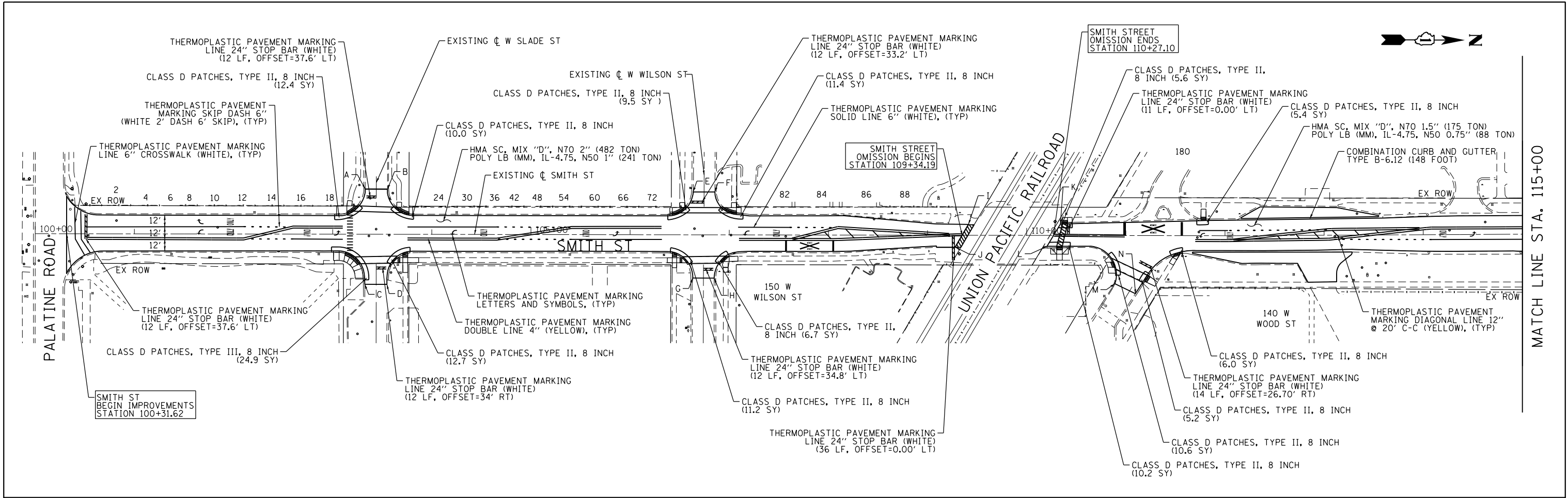
SCALE: 1"=50' SHEET 15 OF 44 SHEETS STA. 160+00 TO STA. 189+00

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-RS	COOK	44	15
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	

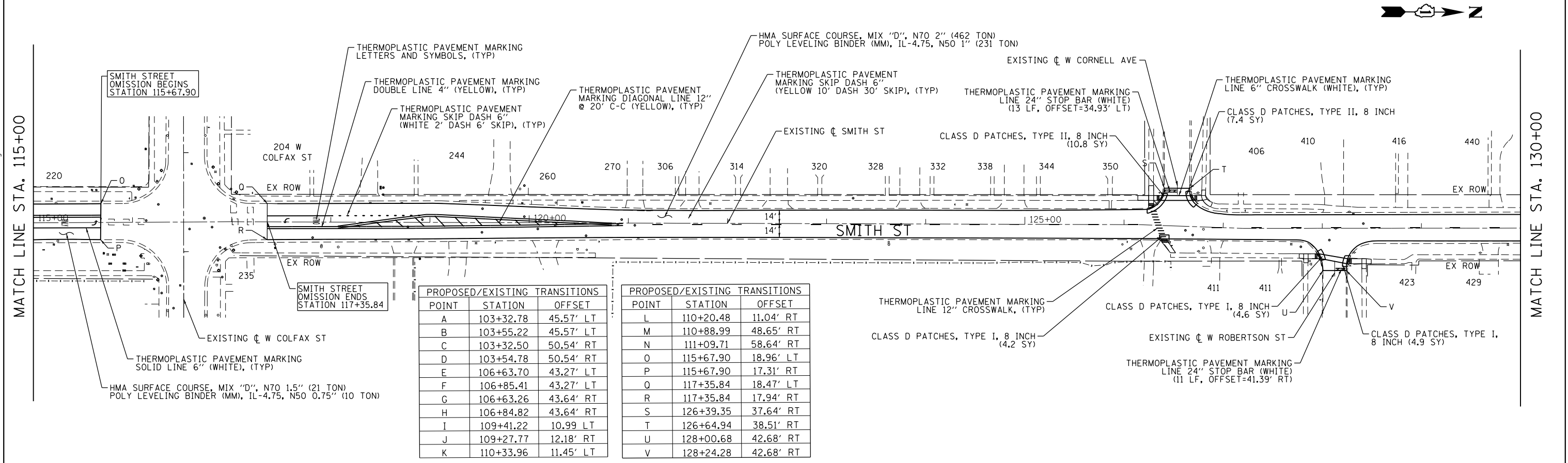


POINT	STATION	OFFSET
A	191+92.01	54.77' RT
B	192+17.30	54.77' RT
C	193+25.47	56.27' LT
D	193+47.65	56.27' LT
E	195+62.11	55.29' LT
F	195+61.27	55.29' LT
G	195+54.02	56.53' RT
H	195+88.40	50.65' RT
I	201+14.72	51.77' LT
J	201+43.97	51.77' LT

FILE NAME = F:\636-062 Palatine Smith Street PHL\11\ADD SHEETS\636-062-Removal Sheet 4_189+00-204+00.dgn



• SEE SCHEDULES (SHEETS 11 AND 12) FOR STATION/OFFSETS AND DIMENSIONS ON ALL PAVEMENT MARKINGS



PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
A	103+32.78	45.57' LT
B	103+55.22	45.57' LT
C	103+32.50	50.54' RT
D	103+54.78	50.54' RT
E	106+63.70	43.27' LT
F	106+85.41	43.27' LT
G	106+63.26	43.64' RT
H	106+84.82	43.64' RT
I	109+41.22	10.99' LT
J	109+27.77	12.18' RT
K	110+33.96	11.45' LT

PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
L	110+20.48	11.04' RT
M	110+88.99	48.65' RT
N	111+09.71	58.64' RT
O	115+67.90	18.96' LT
P	115+67.90	17.31' RT
Q	117+35.84	18.47' LT
R	117+35.84	17.94' RT
S	126+39.35	37.64' RT
T	126+64.94	38.51' RT
U	128+00.68	42.68' RT
V	128+24.28	42.68' RT



USER NAME = dbruckelmeyer	DESIGNED - JLT	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - JLT	REVISED -
PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
PROPOSED ROADWAY AND PAVEMENT MARKING PLAN

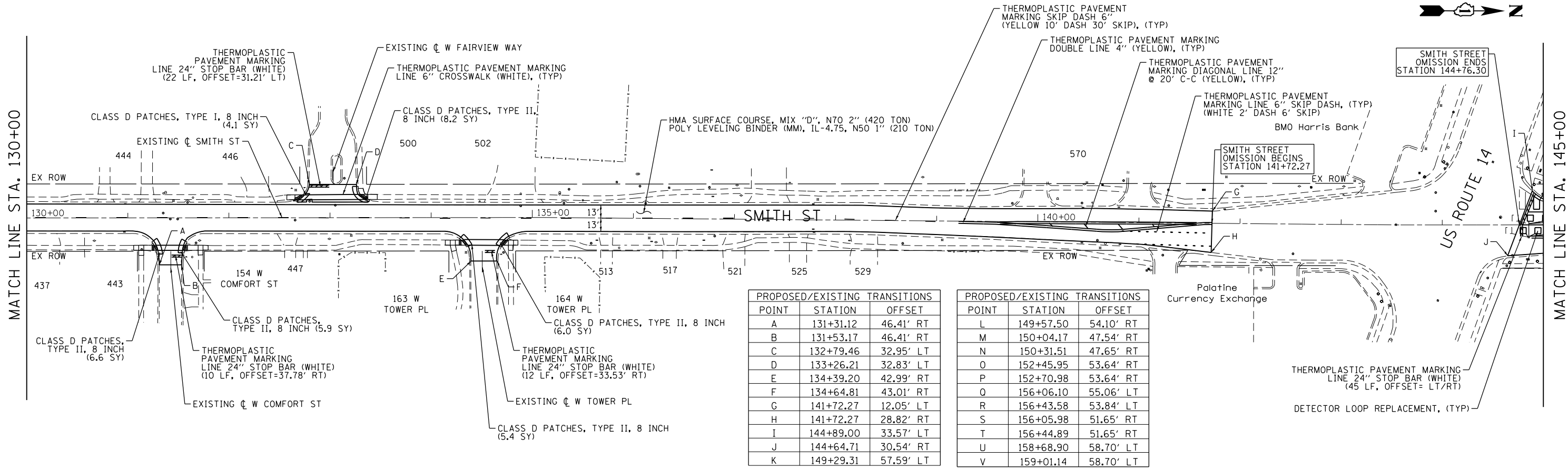
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OR/CH RTE. 710/71	SECTION 17-00103-00-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 17
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	

FILE NAME = F:\636-062 Palatine Smith Street PHL ILLI CAD D SHEETS\636-062-Plan_Sheet 17.dwg

MATCH LINE STA. 130+00

MATCH LINE STA. 145+00



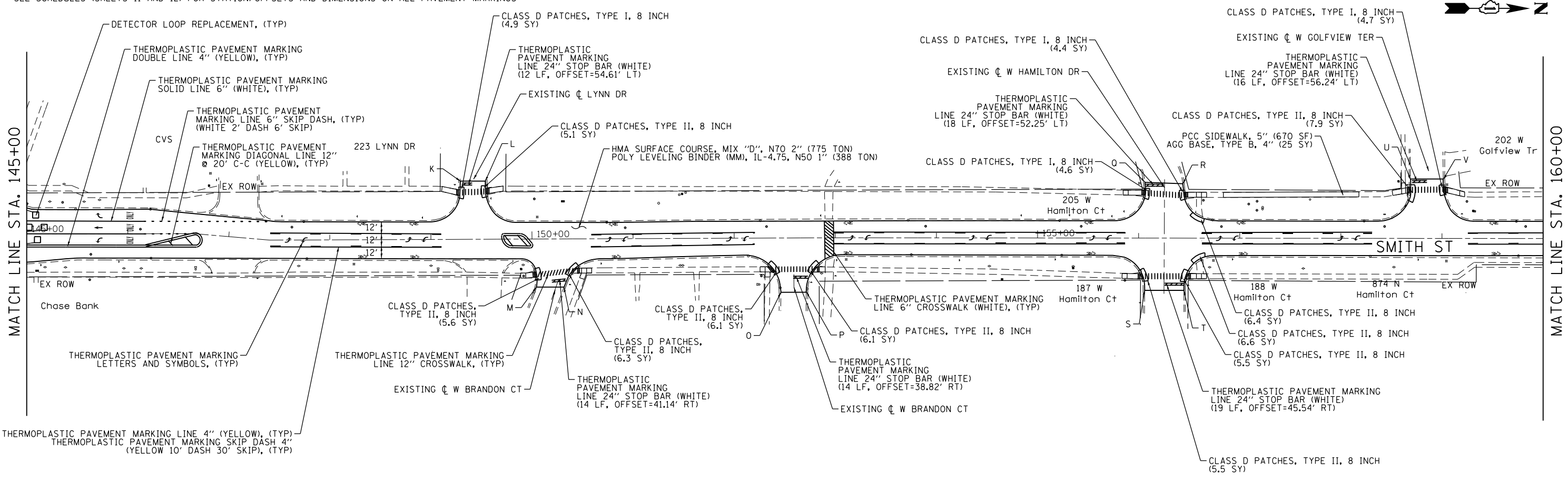
POINT	STATION	OFFSET
A	131+31.12	46.41' RT
B	131+53.17	46.41' RT
C	132+79.46	32.95' LT
D	133+26.21	32.83' LT
E	134+39.20	42.99' RT
F	134+64.81	43.01' RT
G	141+72.27	12.05' LT
H	141+72.27	28.82' RT
I	144+89.00	33.57' LT
J	144+64.71	30.54' RT
K	149+29.31	57.59' LT

POINT	STATION	OFFSET
L	149+57.50	54.10' RT
M	150+04.17	47.54' RT
N	150+31.51	47.65' RT
O	152+45.95	53.64' RT
P	152+70.98	53.64' RT
Q	156+06.10	55.06' LT
R	156+43.58	53.84' LT
S	156+05.98	51.65' RT
T	156+44.89	51.65' RT
U	158+68.90	58.70' LT
V	159+01.14	58.70' LT

SEE SCHEDULES (SHEETS 11 AND 12) FOR STATION/OFFSETS AND DIMENSIONS ON ALL PAVEMENT MARKINGS

MATCH LINE STA. 145+00

MATCH LINE STA. 160+00



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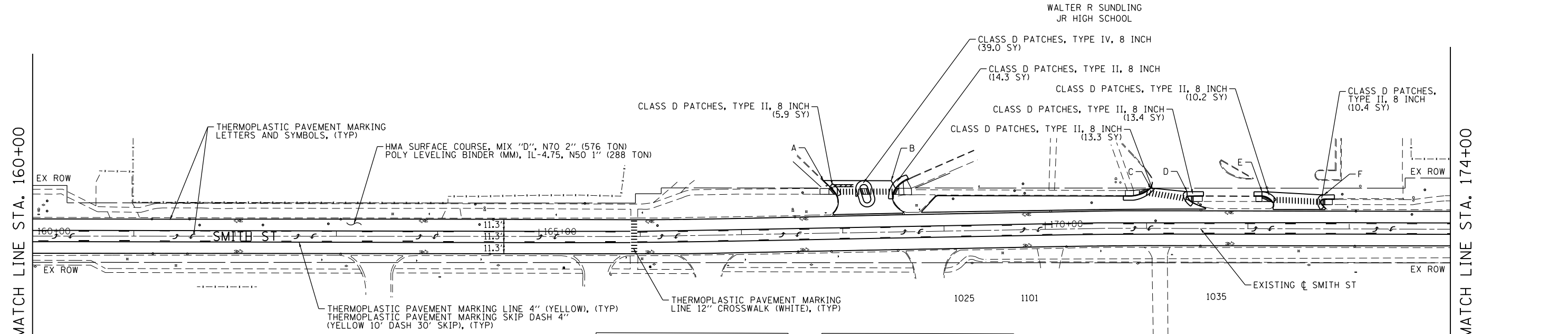
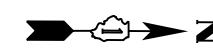


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PLOT SCALE = 100.0000' / in.	DRAWN - JLT	REVISED -
PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SMITH STREET - VILLAGE OF PALATINE PROPOSED ROADWAY AND PAVEMENT MARKING PLAN		
SCALE: 1"=50'	SHEET 18 OF 44 SHEETS	STA. 130+00 TO STA. 160+00

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-RS	COOK	44	18
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 160+00

MATCH LINE STA. 174+00

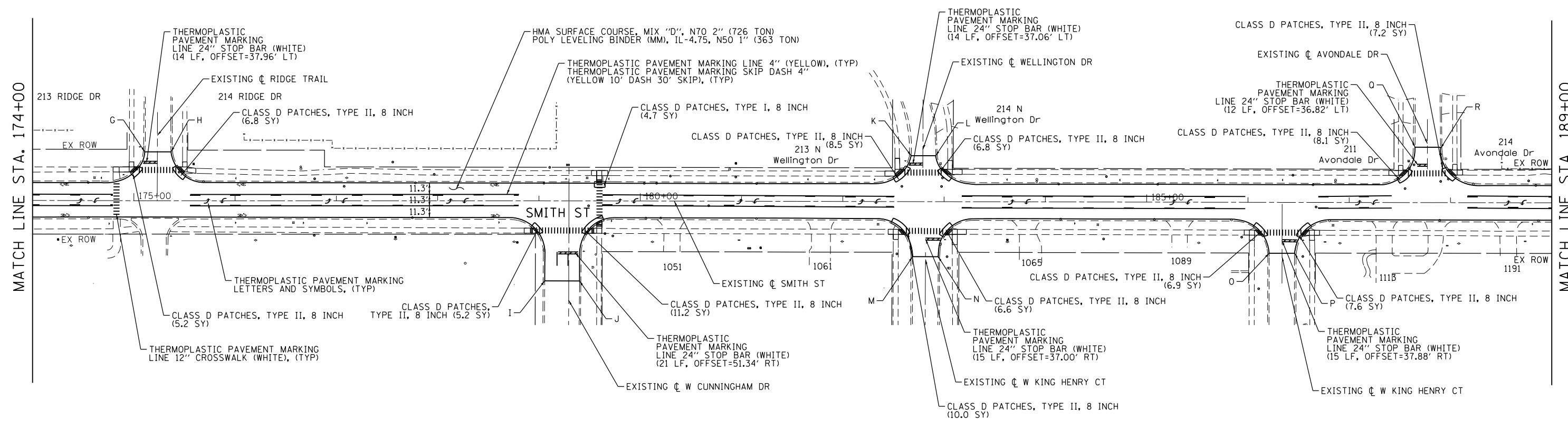
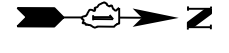
PROPOSED/EXISTING TRANSITIONS

POINT	STATION	OFFSET
A	167+81.82	52.00' LT
B	168+48.75	50.70' LT
C	171+04.03	39.76' LT
D	171+39.94	36.34' LT
E	172+13.86	36.56' LT
F	172+74.82	33.46' LT
G	175+10.66	48.29' LT
H	175+36.64	48.27' LT
I	179+05.83	78.96' RT

PROPOSED/EXISTING TRANSITIONS

POINT	STATION	OFFSET
J	179+40.27	79.01' RT
K	182+67.37	45.27' LT
L	182+91.67	45.32' LT
M	182+69.01	54.36' RT
N	182+94.36	54.37' RT
O	186+21.02	50.20' RT
P	186+46.24	50.16' RT
Q	187+64.89	54.65' LT
R	187+90.04	54.65' LT

• SEE SCHEDULES (SHEETS 11 AND 12) FOR STATION/OFFSETS AND DIMENSIONS ON ALL PAVEMENT MARKINGS



MATCH LINE STA. 174+00

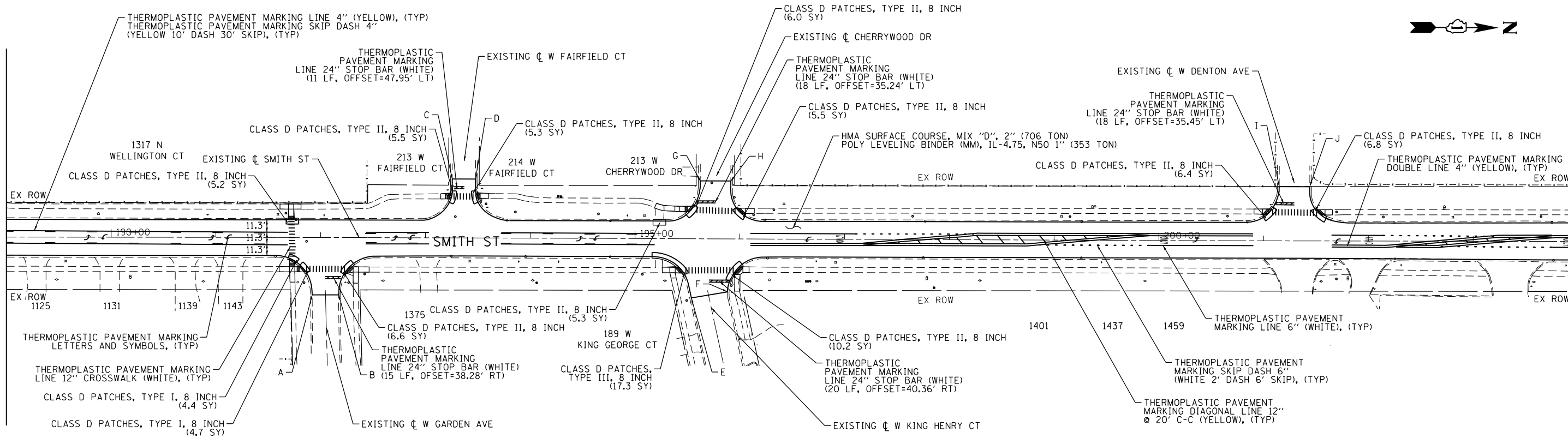
MATCH LINE STA. 189+00

FILE NAME = F:\636-062 Palatine Smith Street PH.LIN\CADD SHEETS\636-062-Plan_Sheet 3.160+00-189+00.dgn

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	PLOT SCALE = 100.0000' / in.	CHECKED - DBB	REVISED -		SCALE: 1"=50'	SHEET 19 OF 44 SHEETS	STA. 160+00 TO STA. 189+00	CONTRACT NO. 61F14		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/28/2018	DATE - 07/30/2018	REVISED -								

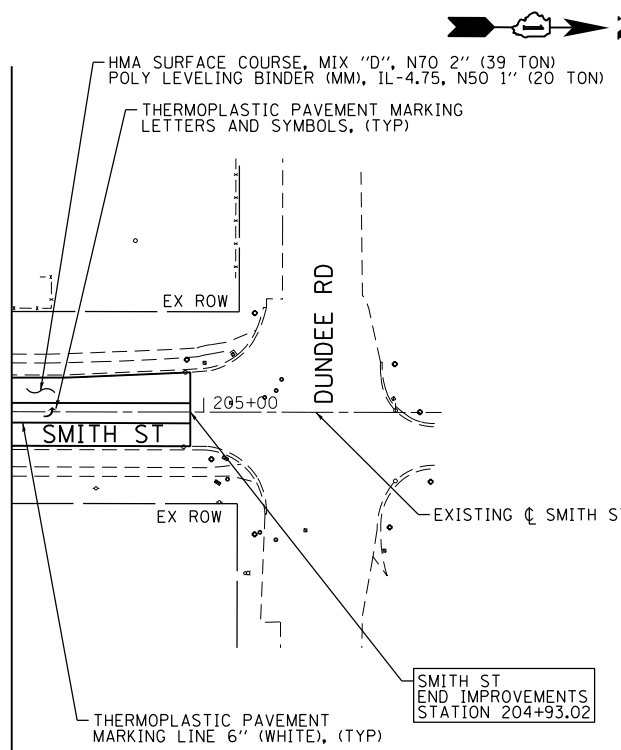
MATCH LINE STA. 189+00

MATCH LINE STA. 204+00



• SEE SCHEDULES (SHEETS 11 AND 12) FOR STATION/OFFSETS AND DIMENSIONS ON ALL PAVEMENT MARKINGS

MATCH LINE STA. 204+00



PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
A	191+92.01	54.77' RT
B	192+17.30	54.77' RT
C	193+25.47	56.27' LT
D	193+47.65	56.27' LT
E	195+54.04	56.53' RT
F	195+88.43	50.65' RT
G	195+62.12	55.29' LT
H	195+91.25	55.17' LT
I	201+14.72	51.77' LT
J	201+43.97	51.77' LT

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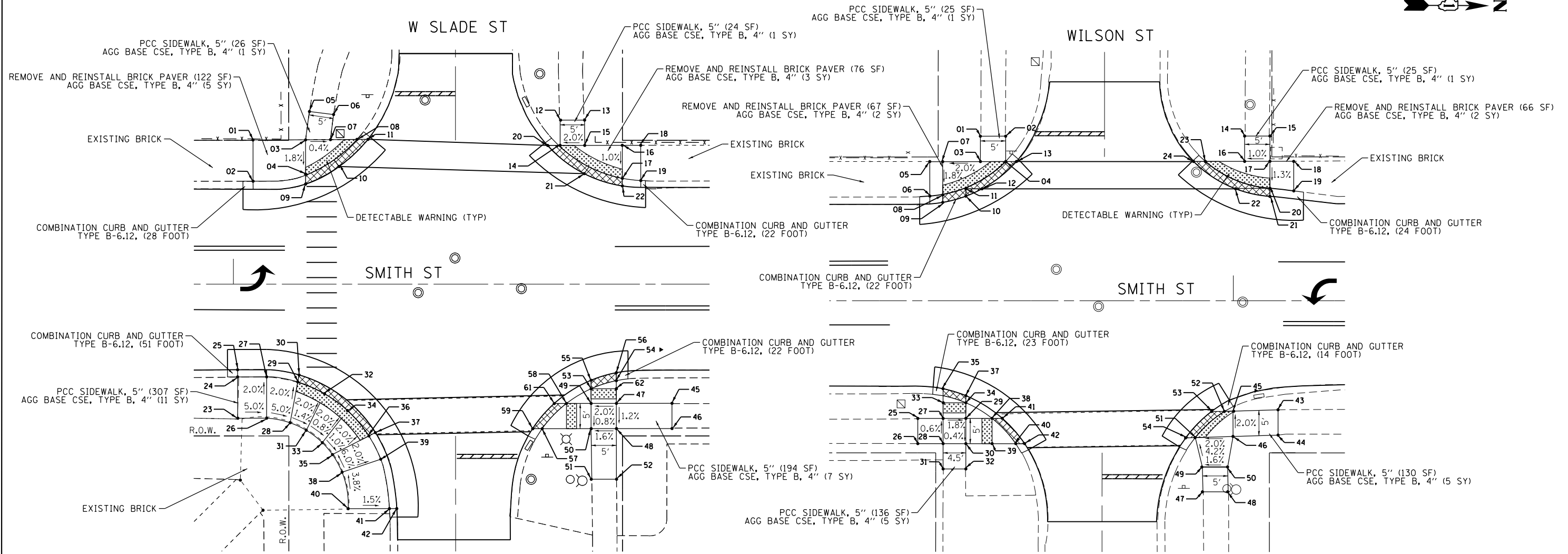
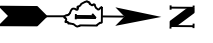
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PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
PROPOSED ROADWAY AND PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET 20 OF 44 SHEETS STA. 189+00 TO STA. 205+00

OR/CH RTE. 710/71	SECTION 17-00103-00-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 20
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



SLADE ST - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
1	103+03.88	28.50 LT	M.E.
2	103+03.90	20.34 LT	M.E.
3	103+14.28	28.50 LT	744.81
4	103+14.29	21.53 LT	744.68
5	103+15.05	34.11 LT	M.E.
6	103+19.83	33.52 LT	M.E.
7	103+19.27	28.56 LT	744.79
8	103+24.47	28.60 LT	744.77
9	103+14.29	19.78 LT	744.64
10	103+20.91	23.24 LT	744.70
11	103+26.69	28.60 LT	744.76
12	103+64.71	32.41 LT	M.E.
13	103+69.41	32.41 LT	M.E.
14	103+64.71	27.41 LT	745.04
15	103+69.56	27.41 LT	745.14
16	103+77.00	27.41 LT	745.26
17	103+77.00	20.91 LT	745.20
18	103+80.65	27.41 LT	M.E.
19	103+80.65	19.12 LT	M.E.
20	103+62.21	27.41 LT	744.96
21	103+69.45	21.83 LT	745.06

SLADE ST - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
22	103+77.00	19.40 LT	745.16
23	103+00.83	26.51 RT	745.14
24	103+00.83	18.33 RT	744.80
25	103+00.83	16.91 RT	744.30
26	103+06.58	26.50 RT	744.86
27	103+06.58	18.33 RT	744.70
28	103+11.23	27.40 RT	744.63
29	103+12.73	19.34 RT	744.47
30	103+13.00	17.94 RT	744.45
31	103+14.42	28.89 RT	744.68
32	103+18.03	21.65 RT	744.52
33	103+17.59	31.33 RT	744.71
34	103+22.57	24.99 RT	744.55
35	103+19.60	33.68 RT	744.74
36	103+27.04	30.40 RT	744.58
37	103+28.38	29.81 RT	744.56
38	103+21.50	37.17 RT	744.98
39	103+29.15	34.61 RT	744.84
40	103+22.71	44.38 RT	745.26
41	103+30.85	44.37 RT	745.14
42	103+32.32	44.37 RT	744.64

SLADE ST - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
45	103+86.75	23.55 RT	M.E.
46	103+86.76	28.54 RT	M.E.
47	103+75.75	23.57 RT	745.01
48	103+75.76	28.55 RT	744.95
49	103+70.75	23.58 RT	744.91
50	103+70.76	28.56 RT	744.87
51	103+70.90	38.56 RT	M.E.
52	103+70.78	38.56 RT	M.E.
53	103+70.75	20.68 RT	744.87
54	103+75.74	19.08 RT	744.94
55	103+70.74	19.00 RT	744.85
56	103+75.74	17.51 RT	744.90
57	103+61.05	28.58 RT	744.48
58	103+65.88	23.59 RT	744.62
59	103+59.18	28.58 RT	744.46
60	103+63.46	23.59 RT	744.60
61	103+65.89	28.57 RT	744.59
62	103+75.75	20.67 RT	744.95

WILSON ST - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
1	106+50.06	32.53 LT	M.E.
2	106+55.06	32.53 LT	M.E.
3	106+50.06	27.53 LT	747.87
4	106+55.06	27.53 LT	747.77
5	106+40.06	27.53 LT	M.E.
6	106+40.06	20.70 LT	M.E.
7	106+42.61	27.53 LT	747.72
8	106+42.61	20.92 LT	747.60
9	106+42.61	19.44 LT	747.58
10	106+47.10	20.68 LT	747.66
11	106+47.10	22.13 LT	747.65
12	106+50.29	20.68 LT	747.68
13	106+57.10	27.53 LT	747.75
14	107+02.24	32.56 LT	M.E.
15	107+07.24	32.56 LT	M.E.
16	107+02.24	27.56 LT	747.24
17	107+07.24	27.56 LT	747.29
18	107+11.95	27.56 LT	M.E.
19	107+11.96	21.72 LT	M.E.
20	107+07.24	22.18 LT	747.22

WILSON ST - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
21	107+07.24	20.64 LT	747.21
22	107+00.46	22.13 LT	747.13
23	106+94.48	27.56 LT	747.34
24	106+92.13	27.56 LT	747.32
25	106+37.60	23.25 RT	M.E.
26	106+37.60	28.25 RT	M.E.
27	106+42.60	23.25 RT	747.50
28	106+42.60	28.25 RT	747.53
29	106+47.10	23.25 RT	747.47
30	106+47.10	28.25 RT	747.45
31	106+42.60	33.25 RT	M.E.
32	106+47.10	33.25 RT	M.E.
33	106+42.60	20.16 RT	747.33
34	106+47.10	20.16 RT	747.27
35	106+42.60	18.76 RT	747.31
36	106+42.60	17.38 RT	747.28
37	106+47.10	18.75 RT	747.25
38	106+52.28	23.25 RT	747.38
39	106+52.28	28.25 RT	747.36
40	106+56.97	28.25 RT	747.34

WILSON ST - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
41	106+54.30	23.25 RT	747.35
42	106+58.72	28.25 RT	747.32
43	107+08.85	21.54 RT	M.E.
44	107+08.86	26.54 RT	M.E.
45	106+99.94	21.81 RT	747.44
46	106+99.95	26.81 RT	747.54
47	106+93.90	37.76 RT	M.E.
48	106+98.90	37.76 RT	M.E.
49	106+93.89	32.86 RT	747.64
50	106+98.89	32.86 RT	747.72
51	106+92.44	27.04 RT	747.39
52	106+98.24	21.86 RT	747.42
53	106+95.71	21.87 RT	747.39
54	106+90.56	27.09 RT	747.36

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\AG36-062 Palatine Smith Street PHILIPPO SHEETS\636-062-ADA Sheet1-SLADE ST & WILSON ST.dgn



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 PLOT DATE = 8/28/2018

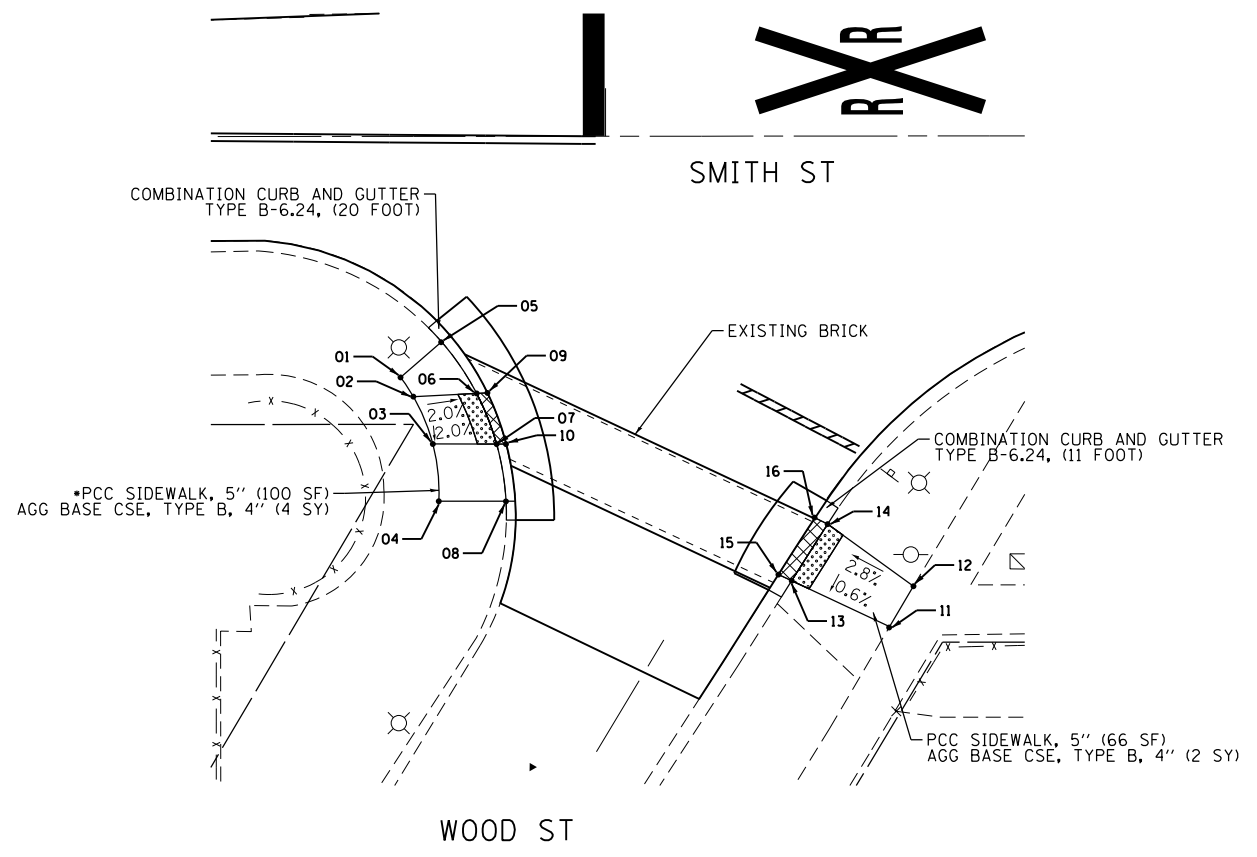
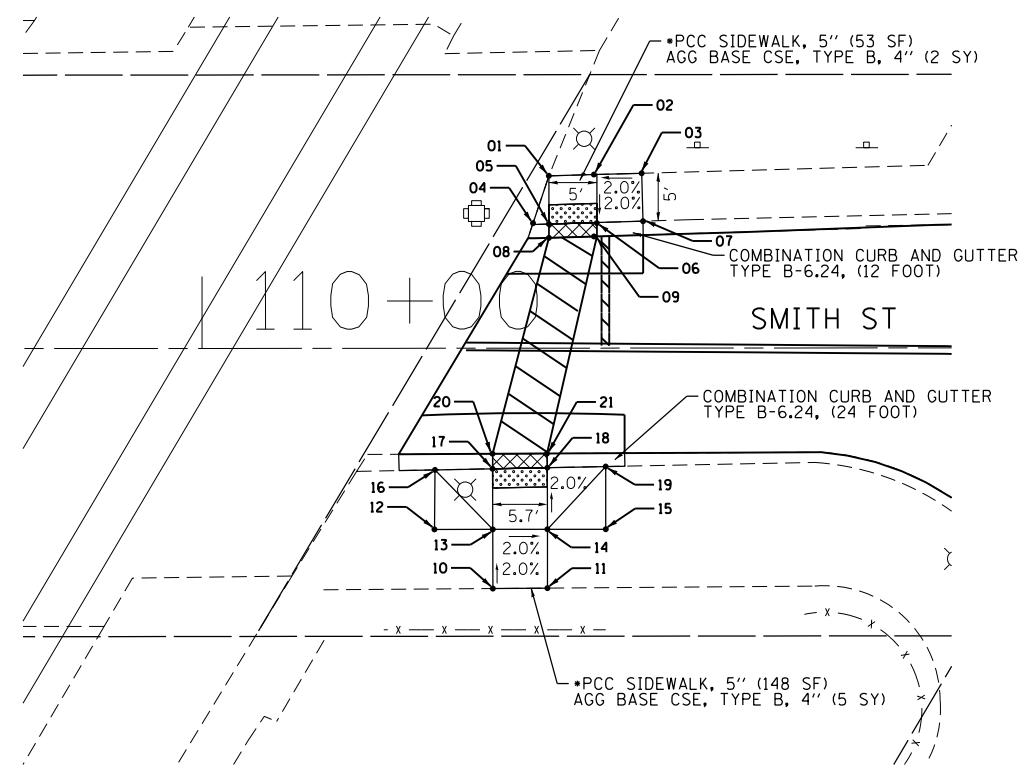
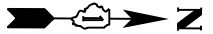
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 DRAWN - JLT
 CHECKED - DBB
 DATE - 07/30/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
 ADA RAMP ELEVATION PLAN
 SCALE: 1"=10'
 SHEET 21 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH R.T.E. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 21
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				



U.P. TRACKS - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	110+36.15	17.95' LT	M.E.
2	110+41.15	18.09' LT	-
3	110+45.81	18.21' LT	M.E.
4	110+34.45	12.89' LT	M.E.
5	110+36.15	12.94' LT	-
6	110+41.15	13.08' LT	-
7	110+45.96	13.22' LT	M.E.
8	110+36.15	11.49' LT	-
9	110+41.15	11.64' LT	-
10	110+30.28	25.04' RT	M.E.
11	110+35.97	25.00' RT	M.E.
12	110+24.20	18.87' RT	M.E.
13	110+30.28	18.87' RT	-
14	110+35.97	18.87' RT	-
15	110+42.04	18.87' RT	M.E.
16	110+24.26	12.67' RT	M.E.
17	110+30.26	12.56' RT	-
18	110+35.97	12.45' RT	-
19	110+42.04	12.34' RT	M.E.
20	110+35.26	11.00' RT	-
21	110+35.93	10.98' RT	-

•NOTE: SIDEWALK TO BE REPLACED SHALL BE VERIFIED BY THE ENGINEER TO MEET ADA STANDARDS, GRADE & SLOPE REQUIREMENTS.

WOOD ST (1)- RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	110+78.63	25.10' RT	M.E.
2	110+79.95	27.11' RT	M.E.
3	110+81.98	32.05' RT	M.E.
4	110+82.60	38.01' RT	M.E.
5	110+82.90	21.40' RT	M.E.
6	110+86.55	26.78' RT	-
7	110+88.63	32.07' RT	-
8	110+89.60	38.04' RT	M.E.
9	110+87.67	26.73' RT	-
10	110+89.60	32.07' RT	-
11	111+29.54	51.12' RT	M.E.
12	111+32.04	46.90' RT	M.E.
13	111+19.36	46.33' RT	748.86
14	111+23.10	40.43' RT	748.90
15	111+17.97	45.68' RT	748.88
16	111+21.80	39.78' RT	748.92

•NOTE: SIDEWALK TO BE REPLACED SHALL BE VERIFIED BY THE ENGINEER TO MEET ADA STANDARDS, GRADE & SLOPE REQUIREMENTS.

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\636-062 Palatine Smith Street PHIL CAD SHEETS\636-062 ADA Sheet2_UP TRACKS & WOOD ST.dgn



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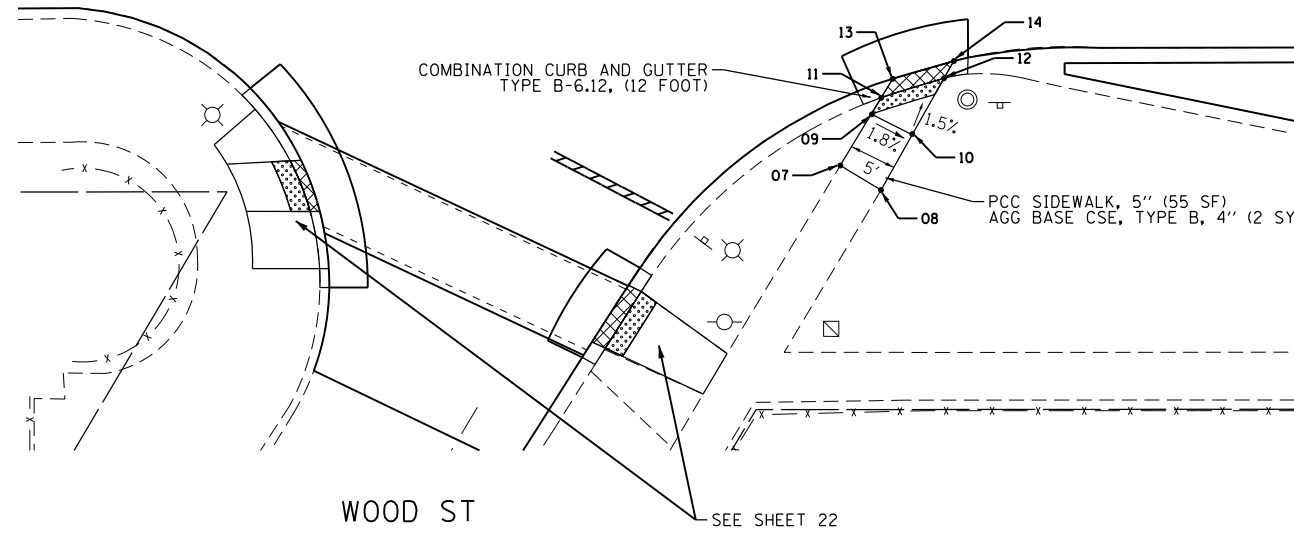
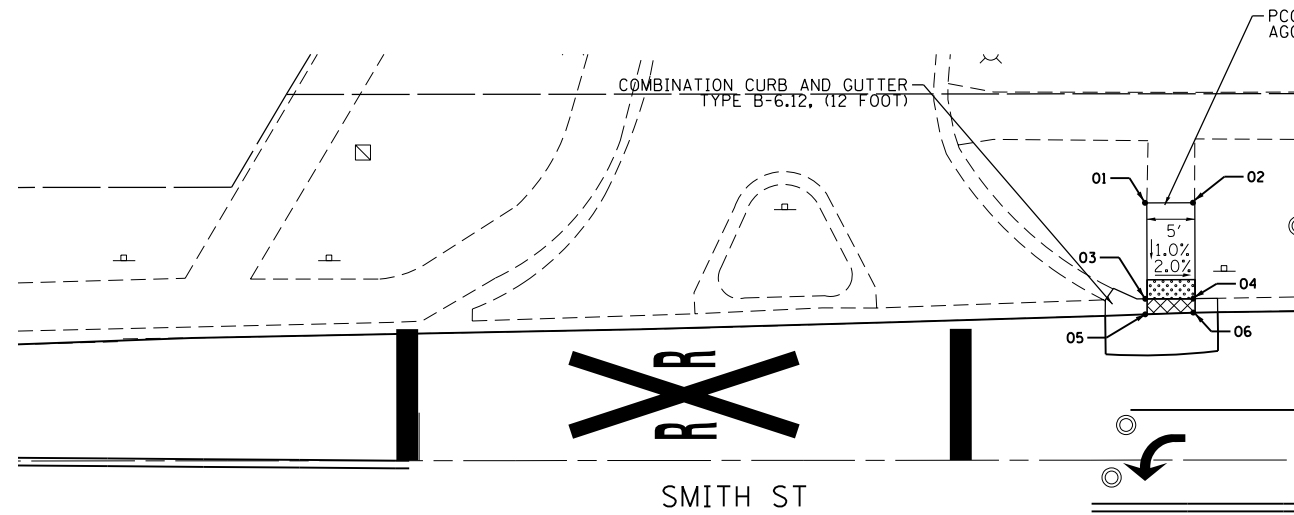
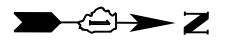
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN

SCALE: 1"=10'

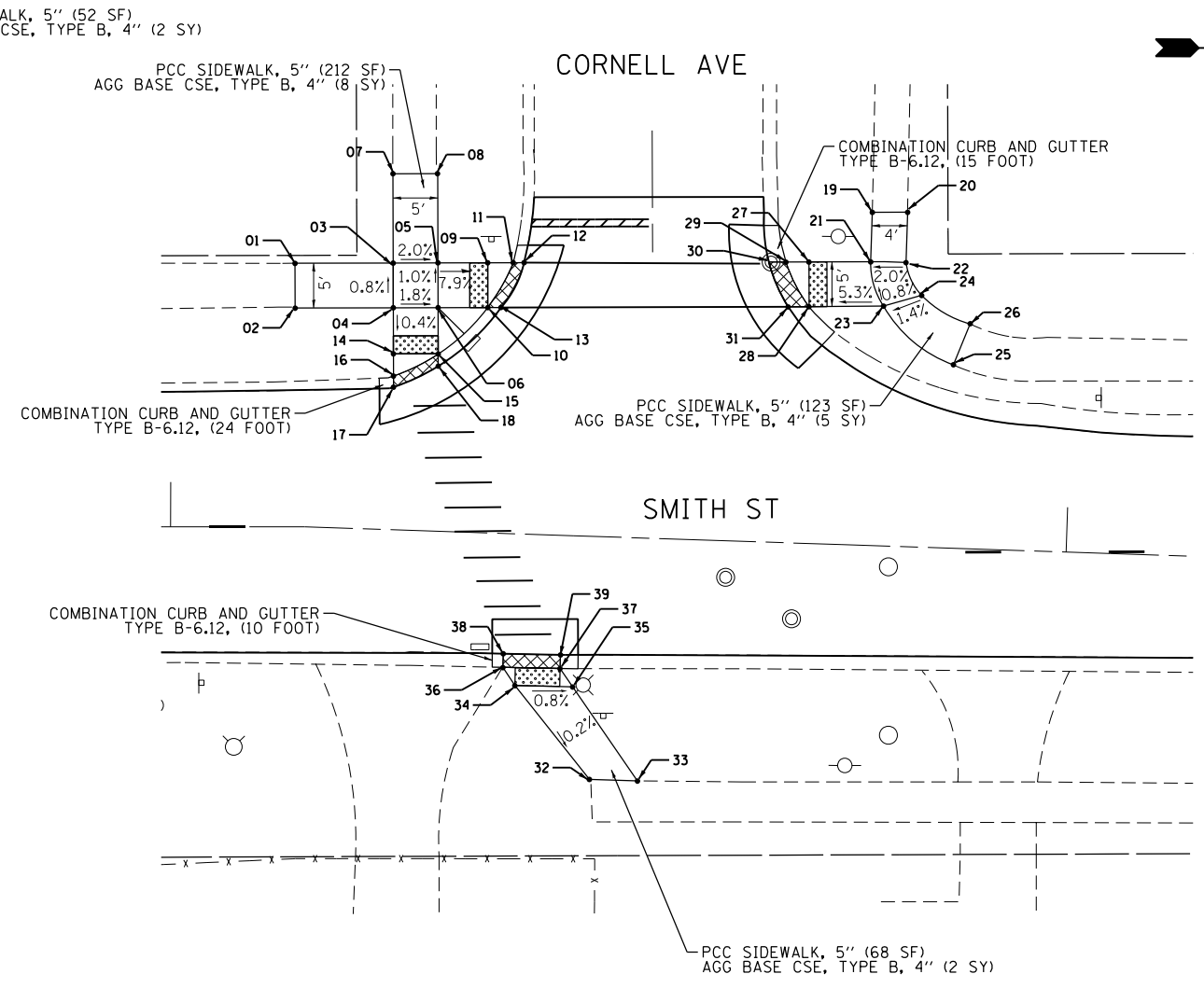
SHEET 22 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH RTE. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 22
CONTRACT NO. 61F14				ILLINOIS FED. AID PROJECT



WOOD ST - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	111+75.65	26.80 LT	M.E.
2	111+80.64	26.81 LT	M.E.
3	111+75.66	16.80 LT	747.96
4	111+80.66	16.81 LT	747.86
5	111+75.67	15.19 LT	747.92
6	111+80.66	15.30 LT	747.82
7	111+43.86	27.30 RT	M.E.
8	111+48.10	28.87 RT	M.E.
9	111+47.09	21.96 RT	748.45
10	111+51.35	24.11 RT	748.36
11	111+48.13	20.25 RT	748.41
12	111+54.66	18.24 RT	748.26
13	111+49.33	18.28 RT	748.39
14	111+55.70	16.44 RT	748.23



CORNELL - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	126+12.91	29.38 LT	M.E.
2	126+13.09	24.39 LT	M.E.
3	126+23.86	29.77 LT	754.00
4	126+24.04	24.78 LT	754.04
5	126+28.86	29.95 LT	753.90
6	126+29.04	24.95 LT	753.95
7	126+23.51	39.73 LT	M.E.
8	126+28.50	39.91 LT	M.E.
9	126+34.40	30.15 LT	753.46
10	126+34.59	25.15 LT	753.51
11	126+67.25	30.25 LT	753.44
12	126+38.47	30.29 LT	753.42
13	126+36.06	25.20 LT	753.48
14	126+24.23	19.64 LT	754.02
15	126+29.22	19.77 LT	753.92
16	126+24.31	17.16 LT	754.01
17	126+24.36	15.92 LT	754.00
18	126+29.27	18.43 LT	753.90
19	126+77.13	37.21 LT	M.E.
20	126+81.07	37.34 LT	M.E.
21	126+77.13	31.67 LT	752.81
22	126+81.07	31.73 LT	752.89

CORNELL - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
23	126+78.73	26.78 LT	752.87
24	126+82.94	28.12 LT	752.93
25	126+86.73	20.48 LT	M.E.
26	126+88.45	25.11 LT	M.E.
27	126+70.24	31.42 LT	753.21
28	126+70.42	26.43 LT	753.31
29	126+67.68	31.33 LT	753.17
30	126+65.77	31.27 LT	753.16
31	126+68.09	26.34 LT	753.30
32	126+47.66	27.13 RT	M.E.
33	126+53.02	27.13 RT	M.E.
34	126+39.00	16.94 RT	754.04
35	126+45.45	16.87 RT	753.99
36	126+37.58	14.95 RT	754.02
37	126+43.98	14.87 RT	753.97
38	126+37.58	13.42 RT	754.01
39	126+43.98	13.29 RT	753.96

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\636-062 Palatine Smith Street PHILCAD SHEETS\636-062 ADA Sheet3.WOOD_ST & CORNELL_AVE.dgn



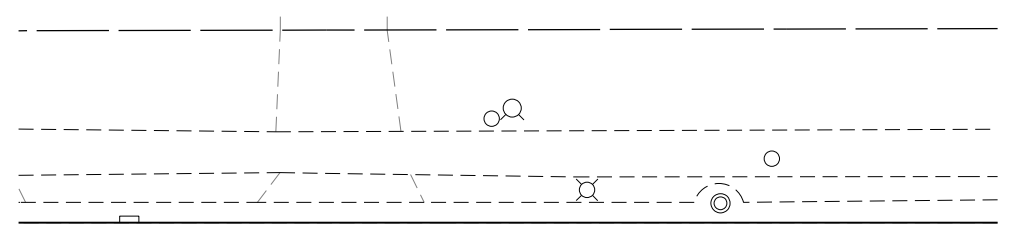
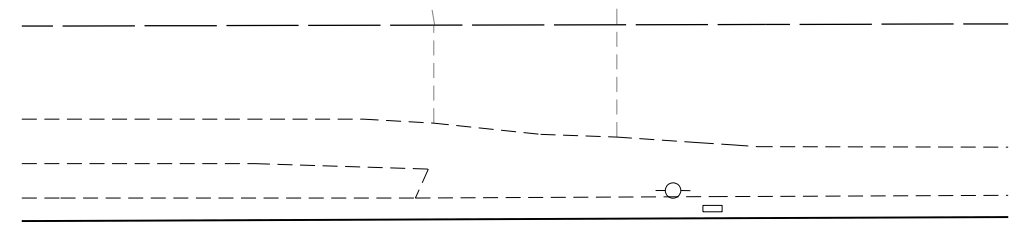
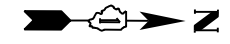
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	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN**

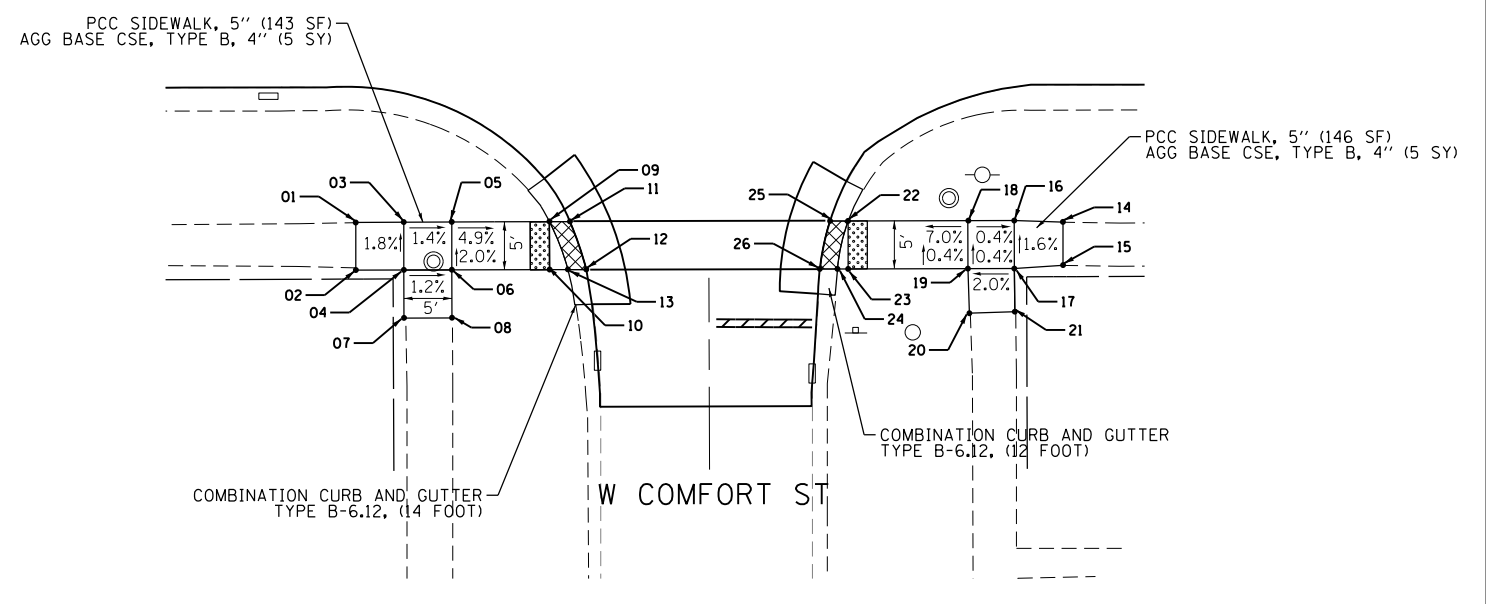
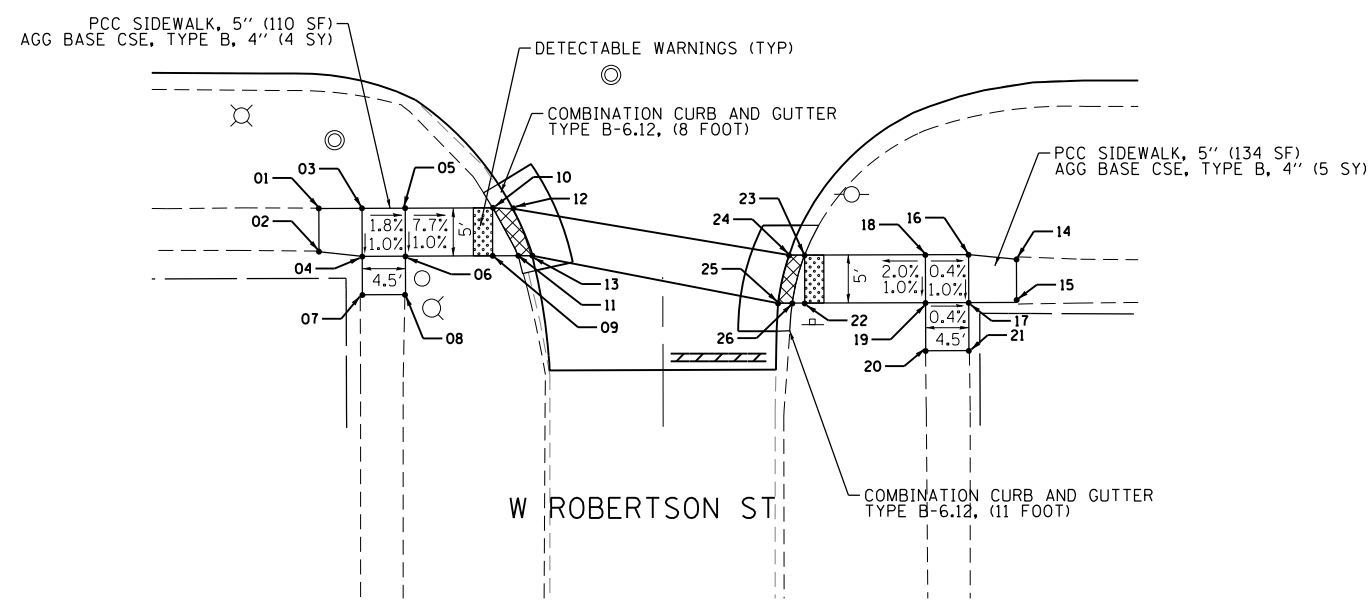
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OR/CH R.E. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 23
CONTRACT NO. 61F14				ILLINOIS FED. AID PROJECT



SMITH ST

SMITH ST



ROBERTSON ST - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	127+76.71	25.72 RT	M.E.
2	127+76.71	30.22 RT	M.E.
3	127+81.21	25.72 RT	751.13
4	127+81.21	30.72 RT	751.08
5	127+85.71	25.72 RT	751.05
6	127+85.71	30.72 RT	751.00
7	127+81.21	34.72 RT	M.E.
8	127+85.71	34.72 RT	M.E.
9	127+92.80	30.72 RT	750.30
10	127+92.80	30.72 RT	750.35
11	127+95.48	30.72 RT	750.26
12	127+94.40	25.72 RT	750.31
13	127+96.98	30.72 RT	750.20

ROBERTSON ST - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
14	128+49.41	31.27 RT	M.E.
15	128+49.38	30.79 RT	M.E.
16	128+44.38	30.75 RT	750.43
17	128+44.38	35.75 RT	750.38
18	128+39.88	30.75 RT	750.45
19	128+39.88	35.75 RT	750.40
20	128+39.88	40.75 RT	M.E.
21	128+44.38	40.75 RT	M.E.
22	128+27.30	35.75 RT	749.92
23	128+27.30	30.75 RT	750.02
24	128+25.70	30.75 RT	749.98
25	128+24.40	35.75 RT	749.88
26	128+26.00	35.75 RT	749.90

COMFORT ST - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	131+05.73	27.12 RT	M.E.
2	131+05.73	32.08 RT	M.E.
3	131+10.73	27.11 RT	749.91
4	131+10.73	32.09 RT	750.00
5	131+15.73	27.10 RT	749.84
6	131+15.73	32.09 RT	749.94
7	131+10.73	37.09 RT	M.E.
8	131+15.73	37.09 RT	M.E.
9	131+25.91	27.10 RT	749.35
10	131+25.91	32.10 RT	749.39
11	131+28.05	27.10 RT	749.35
12	131+29.74	32.10 RT	749.34
13	131+27.82	32.10 RT	749.36

COMFORT ST - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
14	131+79.40	27.32 RT	M.E.
15	131+79.40	31.83 RT	M.E.
16	131+74.34	27.15 RT	750.22
17	131+74.34	32.15 RT	750.30
18	131+69.50	27.14 RT	750.24
19	131+69.50	32.14 RT	750.26
20	131+69.63	36.79 RT	M.E.
21	131+74.36	36.65 RT	M.E.
22	131+57.03	27.13 RT	749.37
23	131+57.03	32.13 RT	749.35
24	131+55.89	32.13 RT	749.33
25	131+55.15	27.13 RT	749.36
26	131+54.06	32.13 RT	749.30

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\636-062 Palatine Smith Street PHILCAD SHEETS\636-062-ADA_Sheet4-ROBERTSON & COMFORT_ST.dgn



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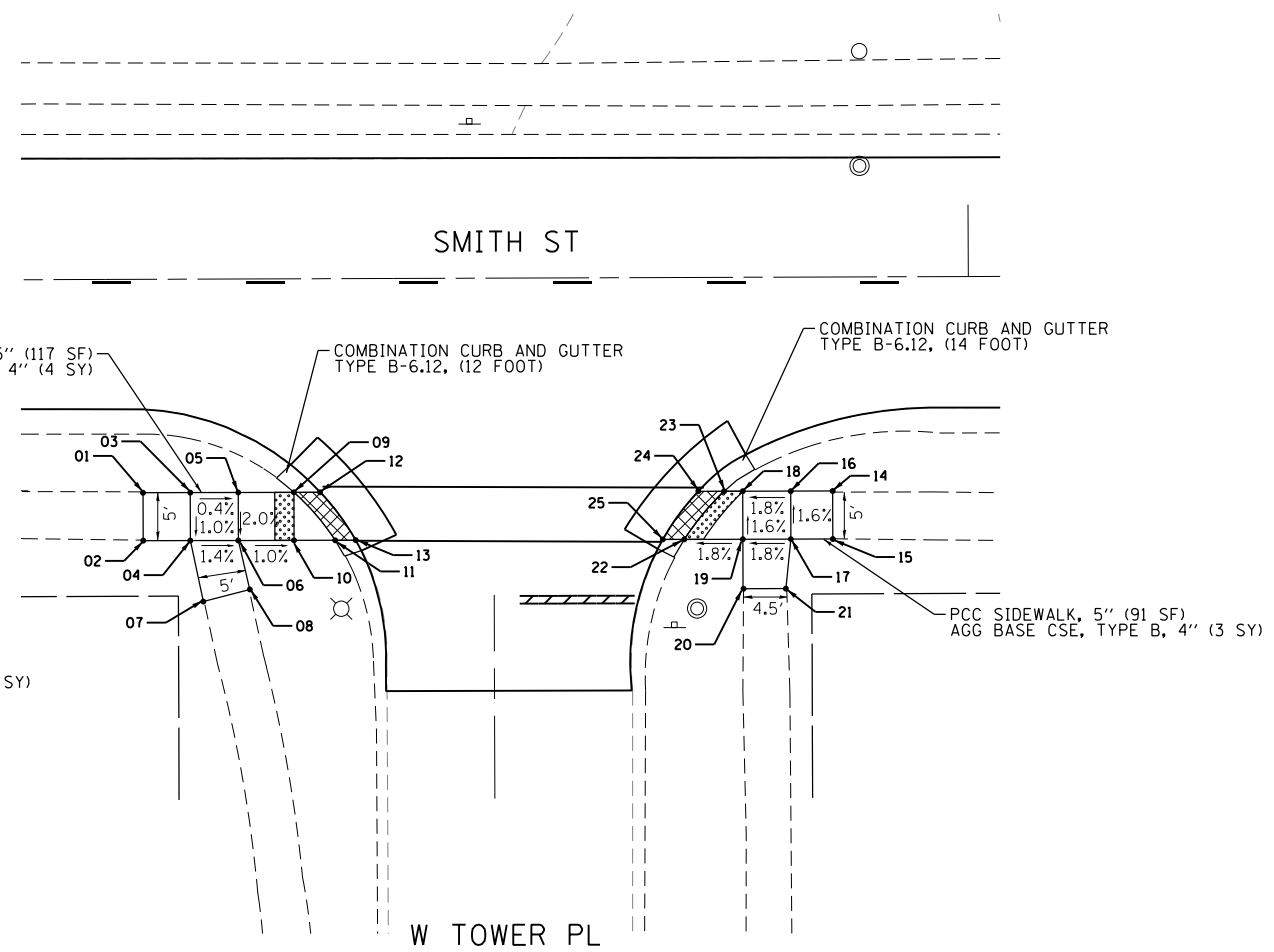
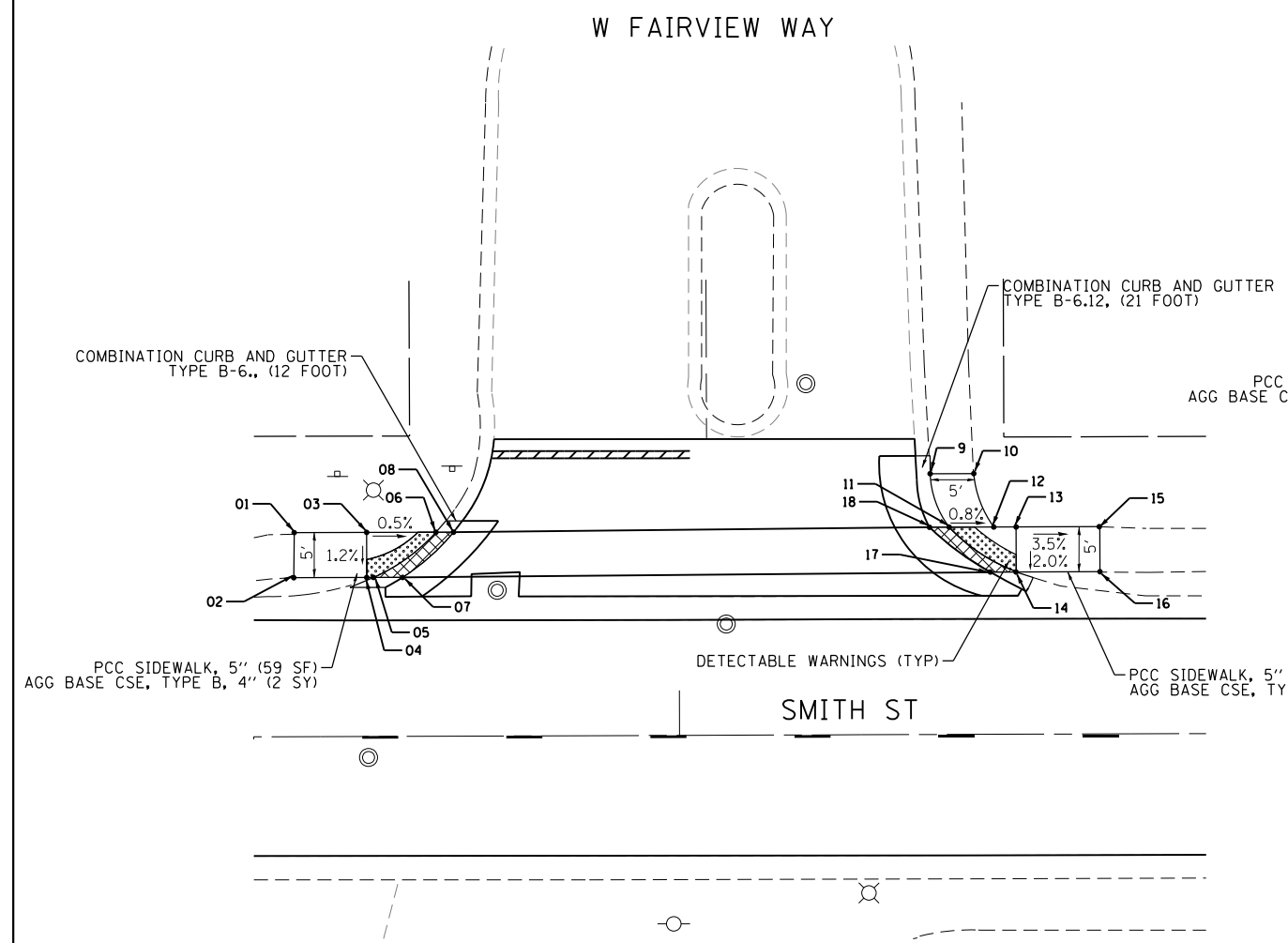
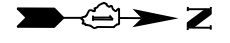
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN

SCALE: 1"=10'

SHEET 24	OF 44 SHEETS	STA. N/A	TO STA. N/A
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OR/CH R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	24
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				



FAIRVIEW WAY - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	132+57.29	22.66 LT	M.E.
2	132+57.29	17.66 LT	M.E.
3	132+65.33	22.66 LT	750.12
4	132+65.33	17.66 LT	750.06
5	132+66.08	17.65 LT	750.02
6	132+73.02	22.65 LT	750.08
7	132+69.31	17.65 LT	749.99
8	132+74.98	22.64 LT	750.05
9	133+27.94	28.96 LT	M.E.
10	133+32.78	28.96 LT	M.E.
11	133+30.03	23.01 LT	750.54
12	133+34.98	23.01 LT	750.50
13	133+37.46	23.01 LT	750.52
14	133+37.46	18.01 LT	750.42
15	133+46.76	23.01 LT	M.E.
16	133+46.76	18.01 LT	M.E.
17	133+47.57	18.02 LT	750.37
18	133+27.84	23.02 LT	750.49

TOWER PL- RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	134+13.94	22.23 RT	M.E.
2	134+13.94	27.23 RT	M.E.
3	134+18.87	22.24 RT	750.46
4	134+18.87	27.24 RT	750.41
5	134+23.87	22.24 RT	750.44
6	134+23.87	27.24 RT	750.34
7	134+20.19	33.59 RT	M.E.
8	134+25.04	32.35 RT	M.E.
9	134+29.67	22.25 RT	750.36
10	134+29.67	27.23 RT	750.28
11	134+33.95	27.25 RT	750.24
12	134+32.40	22.25 RT	750.34
13	134+36.09	27.25 RT	750.22

TOWER PL- RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
14	134+85.80	22.30 RT	M.E.
15	134+85.80	27.30 RT	M.E.
16	134+81.43	22.30 RT	750.00
17	134+81.43	27.30 RT	750.08
18	134+76.43	22.30 RT	749.91
19	134+76.42	27.30 RT	749.99
20	134+76.42	32.45 RT	M.E.
21	134+81.42	32.45 RT	M.E.
22	134+70.32	27.29 RT	749.90
23	134+74.50	22.29 RT	749.87
24	134+72.00	22.29 RT	749.91
25	134+68.10	27.28 RT	749.86

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\636-062 Palatine Smith Street PHIL CAD SHEETS\636-062 ADA Sheet5 FAIRVIEW AVE & TOWER PL.dgn



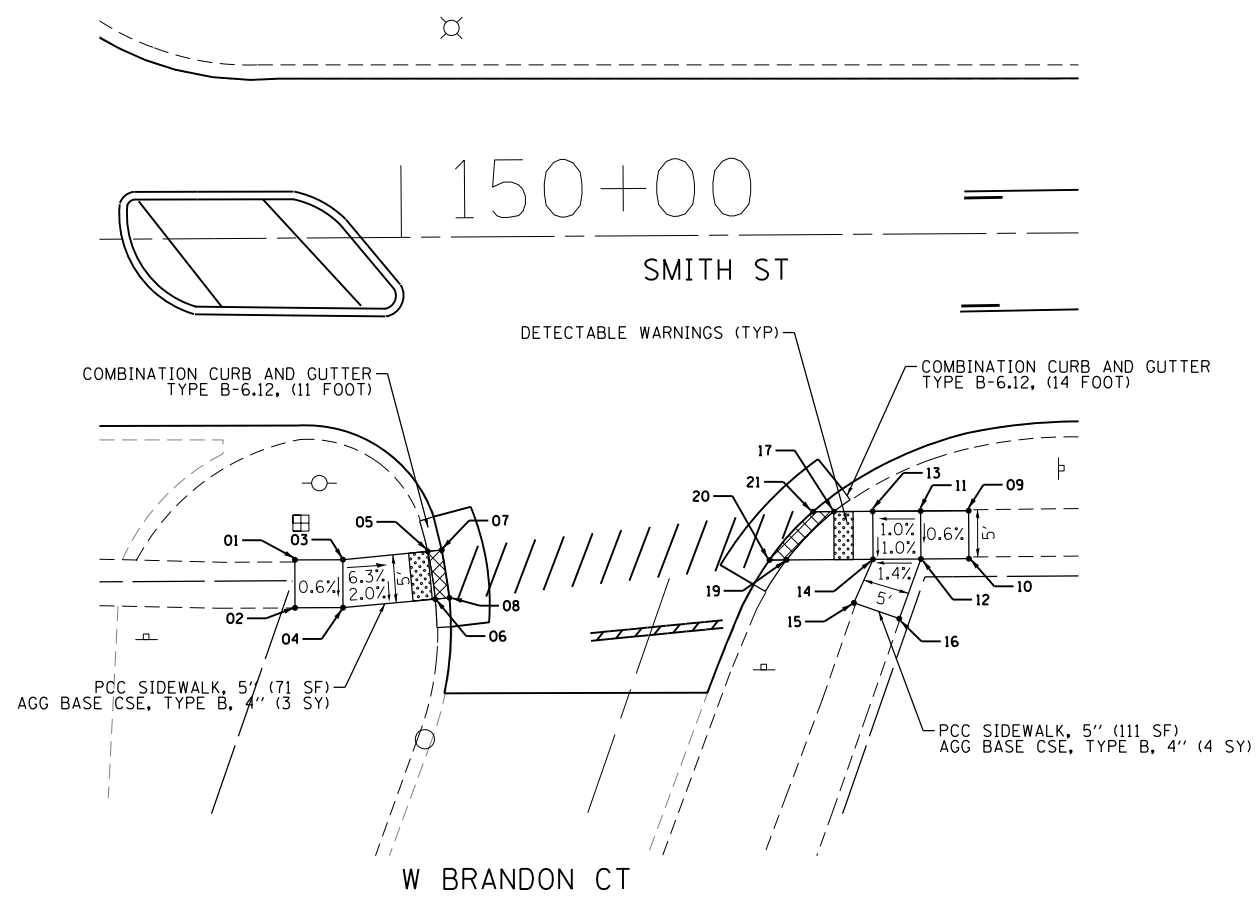
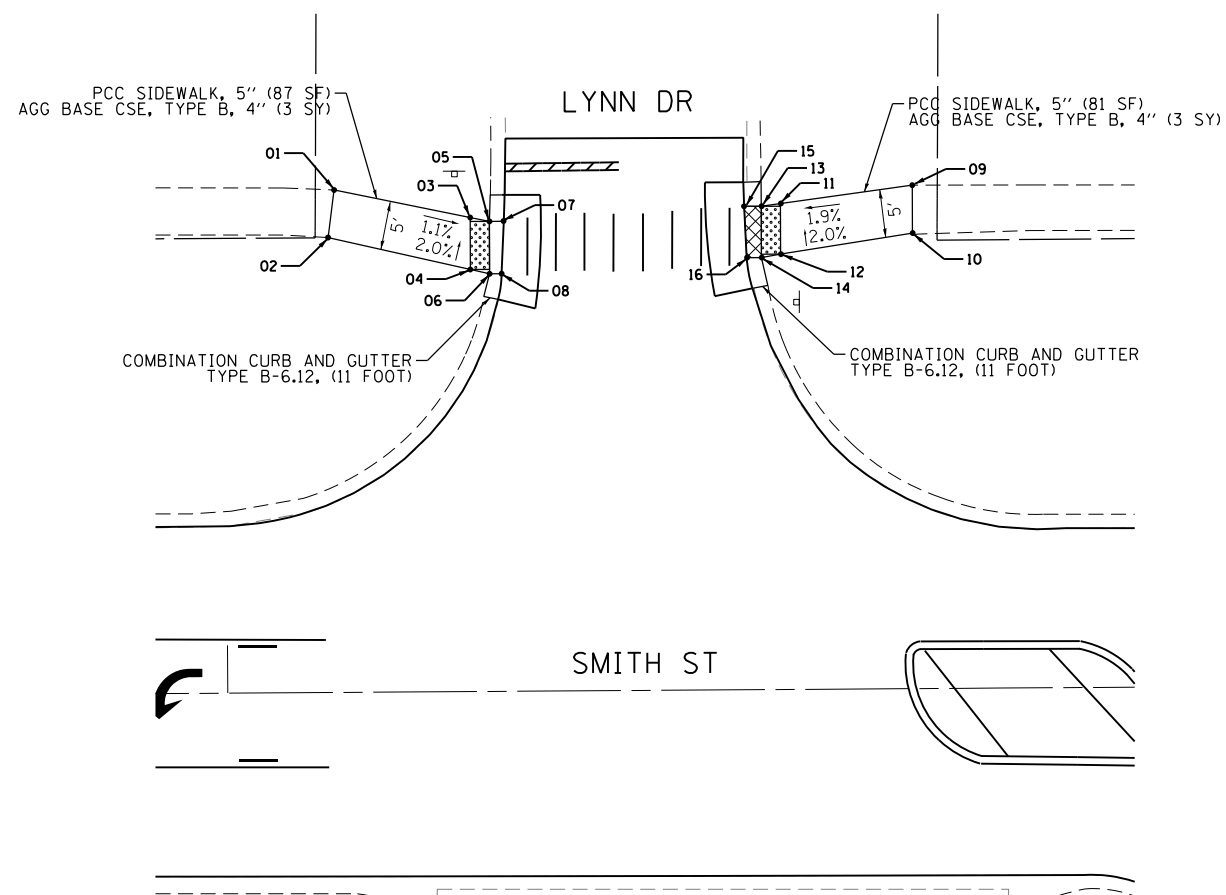
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PLOT DATE = 8/28/2018	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN**

SCALE: 1"=10' SHEET 25 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	25
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



LYNN DR - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	149+11.42	52.35 LT	M.E.
2	149+10.77	47.40 LT	M.E.
3	149+25.58	49.39 LT	764.53
4	149+25.58	43.98 LT	764.63
5	149+27.58	48.97 LT	764.51
6	149+27.58	43.51 LT	764.61
7	149+29.08	48.96 LT	764.48
8	149+28.86	43.51 LT	764.58
9	149+71.66	52.45 LT	M.E.
10	149+71.64	47.45 LT	M.E.
11	149+57.92	50.63 LT	764.49
12	149+57.90	45.36 LT	764.59
13	149+55.92	50.36 LT	764.47
14	149+55.90	45.01 LT	764.57
15	149+54.12	50.37 LT	764.42
16	149+55.36	45.02 LT	764.52

BRANDON CT - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	149+88.69	33.52 RT	M.E.
2	149+88.67	38.52 RT	M.E.
3	149+93.69	33.54 RT	765.32
4	149+93.67	38.54 RT	765.29
5	150+02.37	32.75 RT	764.76
6	150+02.88	37.75 RT	764.66
7	150+04.00	32.60 RT	764.71
8	150+04.51	37.60 RT	764.61
9	150+58.91	28.87 RT	M.E.
10	150+58.91	33.87 RT	M.E.
11	150+53.91	28.87 RT	765.16
12	150+53.91	33.87 RT	765.13
13	150+48.91	28.87 RT	765.11
14	150+48.91	33.87 RT	765.06
15	150+46.90	38.39 RT	M.E.
16	150+51.61	40.07 RT	M.E.
17	150+44.87	28.87 RT	764.86
18	150+44.87	33.87 RT	764.83
19	150+39.91	33.87 RT	764.79
20	150+38.13	33.87 RT	764.76
21	150+42.70	28.87 RT	764.80

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\636-062 Palatine Smith Street PHIL CAD SHEETS\636-062 ADA Sheets\6 LYNN DR & BRANDON CT.dgn



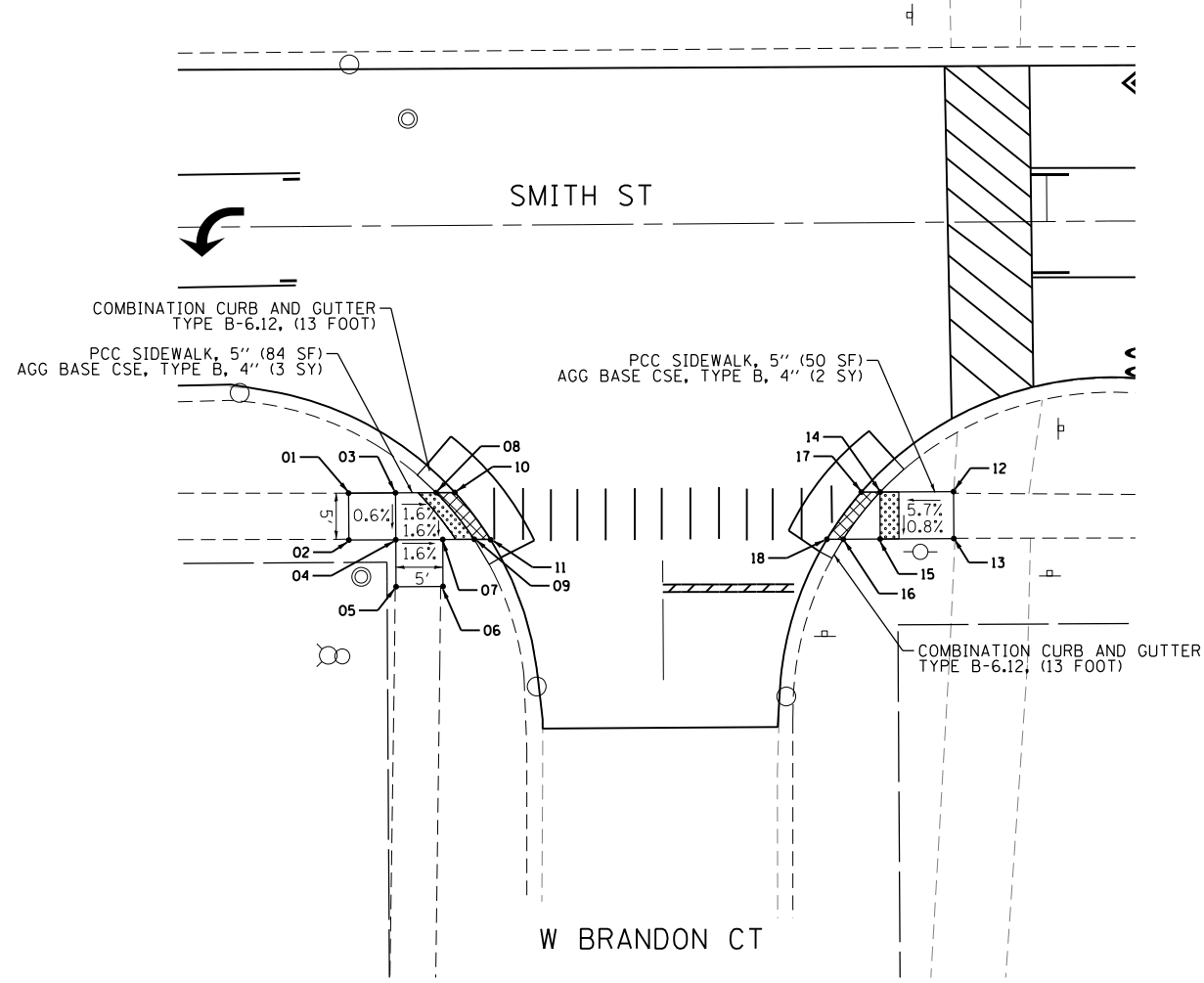
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	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE ADA RAMP ELEVATION PLAN			
SCALE: 1"=10'	SHEET 26 OF 44 SHEETS	STA. N/A TO STA. N/A	

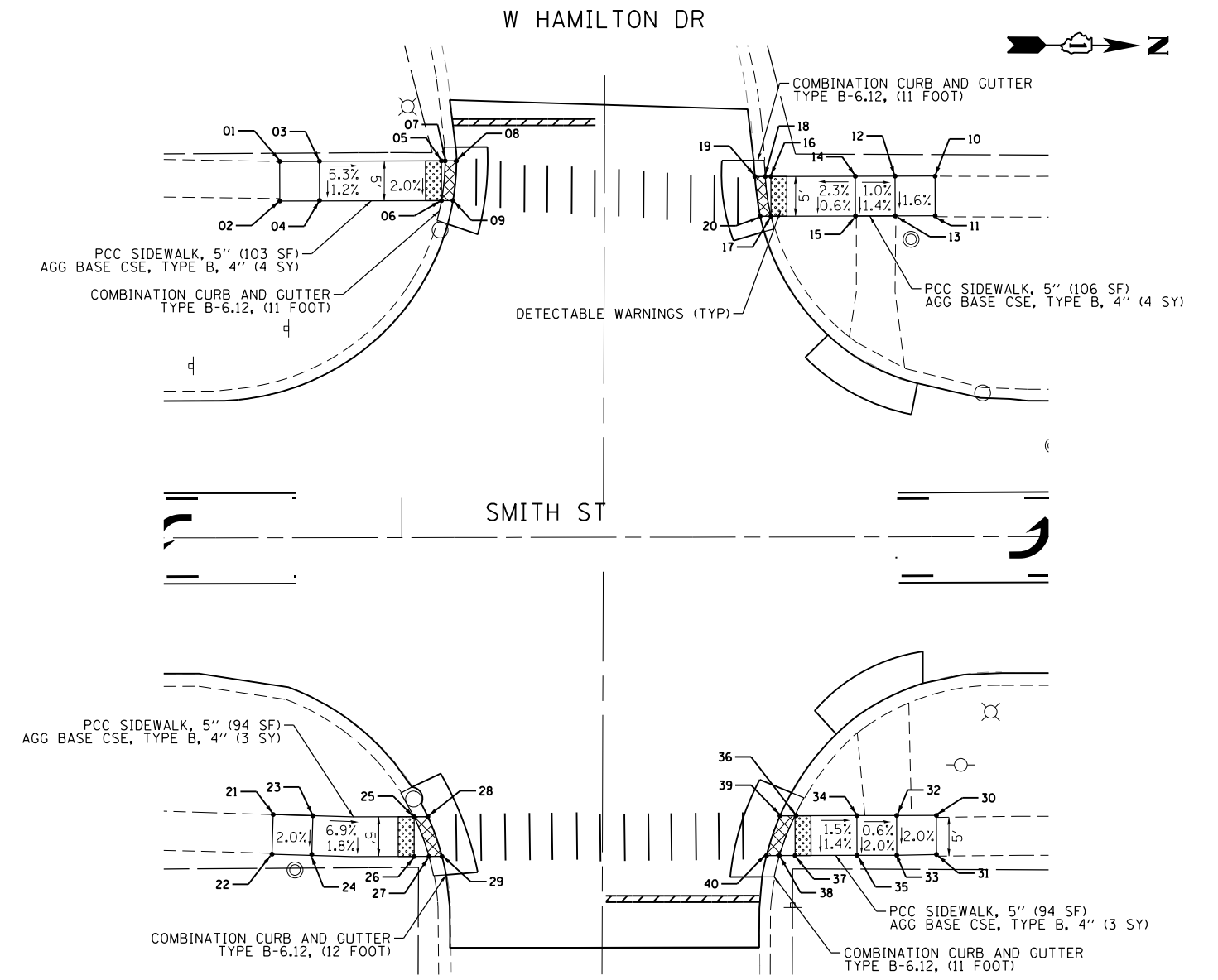
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CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				

FILE NAME = F:\A636-062 Palatine Smith Street PHILCAD SHEETS\636-062-ADA Sheet7-BRANDON CT & HAMILTON DR.dgn



BRANDON CT - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	152+25.43	28.44 RT	M.E.
2	152+25.43	33.44 RT	M.E.
3	150+30.43	28.44 RT	763.03
4	150+30.43	33.44 RT	763.00
5	150+30.43	38.44 RT	M.E.
6	152+35.43	38.44 RT	M.E.
7	152+35.43	33.44 RT	762.92
8	152+34.76	28.44 RT	762.95
9	152+38.78	33.44 RT	762.85
10	152+36.76	28.44 RT	762.91
11	152+40.50	33.44 RT	762.81
12	152+89.87	28.70 RT	M.E.
13	152+89.87	33.70 RT	M.E.
14	152+82.05	28.70 RT	762.58
15	152.82.05	33.70 RT	762.54
16	152+78.09	33.70 RT	762.51
17	152+80.05	28.70 RT	762.52
18	152+76.35	33.70 RT	762.50



HAMILTON DR - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	155+84.70	47.37 LT	M.E.
2	155+84.70	42.37 LT	M.E.
3	155+89.70	47.37 LT	758.85
4	155+89.70	42.34 LT	758.79
5	156+05.03	47.40 LT	758.03
6	156+05.03	42.40 LT	757.93
7	156+05.50	47.40 LT	758.02
8	156+07.05	47.40 LT	757.96
9	156+06.48	42.40 LT	757.87
10	156+67.16	45.40 LT	M.E.
11	156+67.16	40.40 LT	M.E.
12	156+62.12	45.40 LT	758.06
13	156+62.12	40.40 LT	757.98
14	156+57.13	45.39 LT	758.11
15	156+57.13	40.39 LT	758.04
16	156+46.50	45.38 LT	757.86
17	156+46.50	40.38 LT	757.83
18	156+45.79	45.38 LT	757.85
19	156+44.49	45.38 LT	757.90
20	156+45.14	40.38 LT	757.80
21	155+83.76	34.84 RT	M.E.

HAMILTON DR - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
22	155+83.61	39.84 RT	M.E.
23	155+88.76	34.99 RT	758.43
24	155+88.60	39.99 RT	758.33
25	156+01.48	35.14 RT	757.55
26	156+01.49	40.14 RT	757.46
27	156+03.36	40.14 RT	757.43
28	156+03.22	35.14 RT	757.49
29	156+04.99	40.14 RT	757.37
30	156+67.21	35.07 RT	M.E.
31	156+67.22	39.98 RT	M.E.
32	156+62.21	35.08 RT	756.87
33	156+62.22	40.08 RT	756.77
34	156+57.21	35.08 RT	756.90
35	156+57.22	40.08 RT	756.80
36	156+49.42	35.09 RT	757.02
37	156+49.42	40.09 RT	756.95
38	156+47.45	40.09 RT	756.93
39	156+47.53	35.09 RT	756.96
40	156+45.82	40.09 RT	756.87

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

BLA, Inc.

USER NAME = dbruckelmeyer	DESIGNED - JLT	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JLT	REVISED -
PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

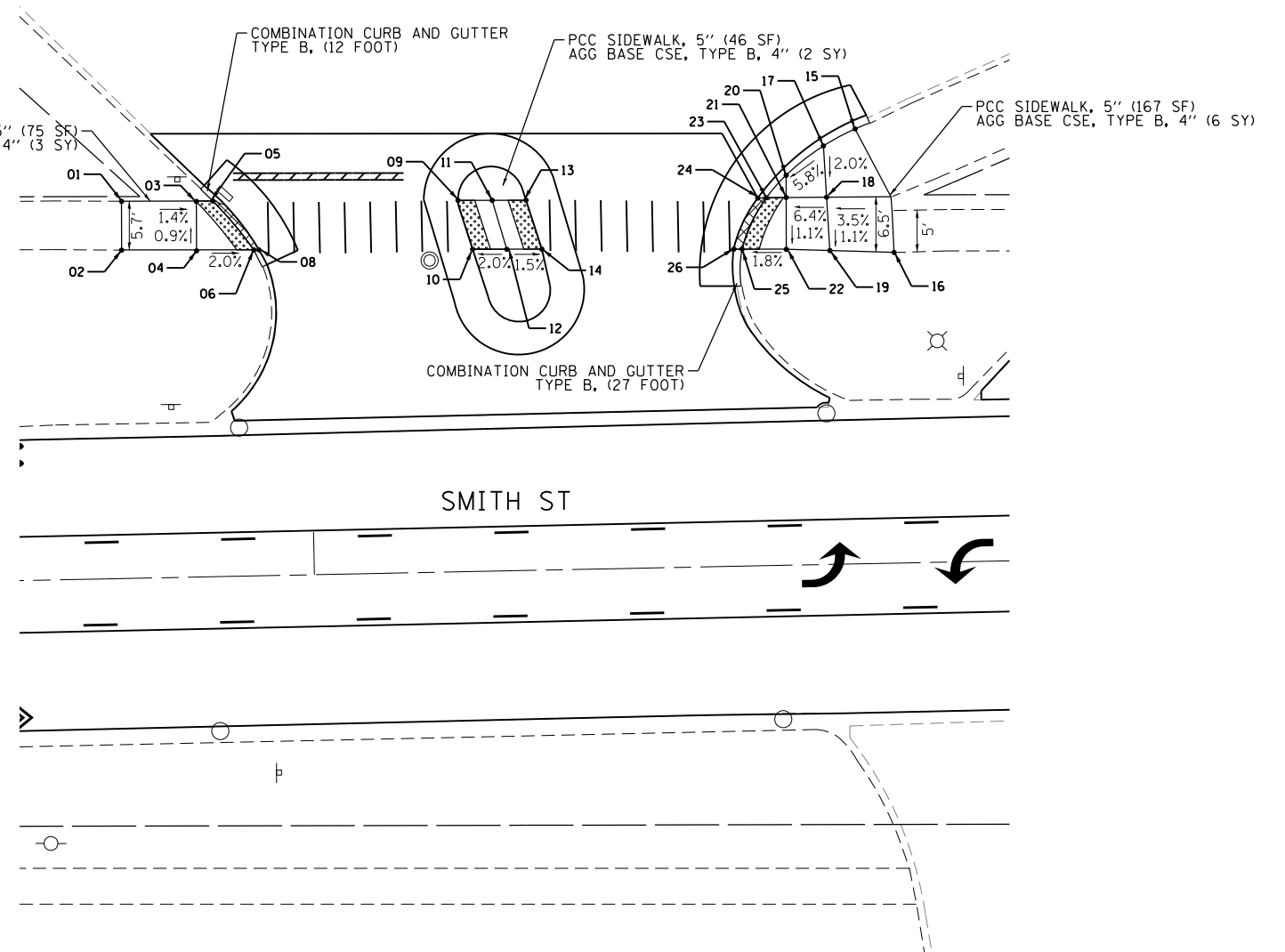
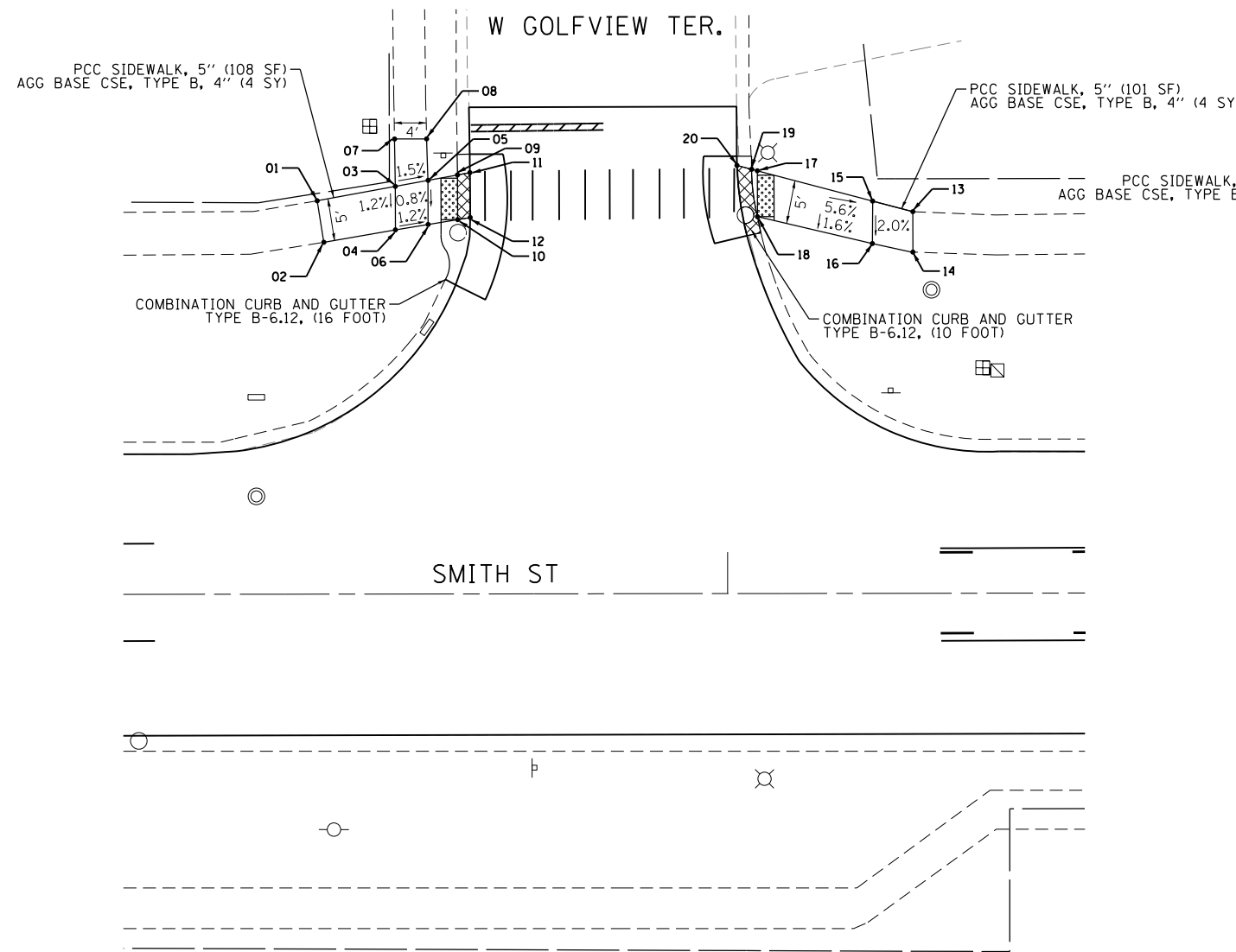
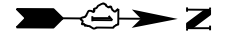
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN**

SCALE: 1"=10' SHEET 27 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH R.T.E. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F14	

WALTER R. SUNDLING
JR. HIGH SCHOOL



GOLFVIEW TER - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	158+50.59	47.44 LT	M.E.
2	158+51.37	42.50 LT	M.E.
3	158+60.01	49.16 LT	752.92
4	158+60.01	43.92 LT	752.86
5	158+63.95	49.88 LT	752.90
6	158+63.95	44.56 LT	752.84
7	158+59.91	54.88 LT	M.E.
8	158+63.95	54.88 LT	M.E.
9	158+67.51	50.53 LT	752.72
10	158+67.52	45.14 LT	752.64
11	158+69.02	50.81 LT	752.68
12	158+69.03	45.40 LT	752.62
13	159+22.38	46.02 LT	M.E.
14	159+22.38	41.02 LT	M.E.
15	159+17.54	47.31 LT	751.94
16	159+17.50	42.18 LT	751.84
17	159+03.65	50.98 LT	752.74
18	159+03.65	45.45 LT	752.65
19	159+02.96	51.17 LT	752.75
20	159+01.20	51.63 LT	752.71

SCHOOL (1) - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	167+78.30	44.18 LT	M.E.
2	167+78.20	38.47 LT	M.E.
3	167+87.07	44.03 LT	754.63
4	167+86.97	38.30 LT	754.68
5	167+88.98	43.99 LT	754.59
6	167+93.67	38.18 LT	754.55
7	167+89.40	43.98 LT	754.20
8	167+94.27	38.17 LT	754.35
9	168+17.69	43.49 LT	755.02
10	168+19.29	37.73 LT	754.98
11	168+21.68	43.42 LT	755.10
12	168+23.28	37.66 LT	755.06
13	168+25.65	43.35 LT	755.05

SCHOOL (1) - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
14	168+27.39	37.59 LT	755.00
15	168+64.34	50.93 LT	M.E.
16	168+68.60	36.38 LT	M.E.
17	168+60.59	49.00 LT	756.12
18	168+60.83	43.00 LT	756.00
19	168+61.10	36.75 LT	755.93
20	168+56.15	45.67 LT	755.77
21	168+56.11	43.06 LT	755.70
22	168+56.00	37.00 LT	755.63
23	168+53.80	43.09 LT	755.66
24	168+52.78	43.06 LT	755.64
25	168+50.84	37.11 LT	755.54
26	168+49.84	37.13 LT	755.52



DEPRESSED CURB AND GUTTER
(TO BE PAID FOR PER CURB
TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\A636-062 Palatine Smith Street PHILCAD SHEETS\636-062-ADA Sheet8.GOLFVIEW TER. & SCHOOL (1).dgn



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PLOT SCALE = 2.0000' / in.	DRAWN - JLT	REVISED -
PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

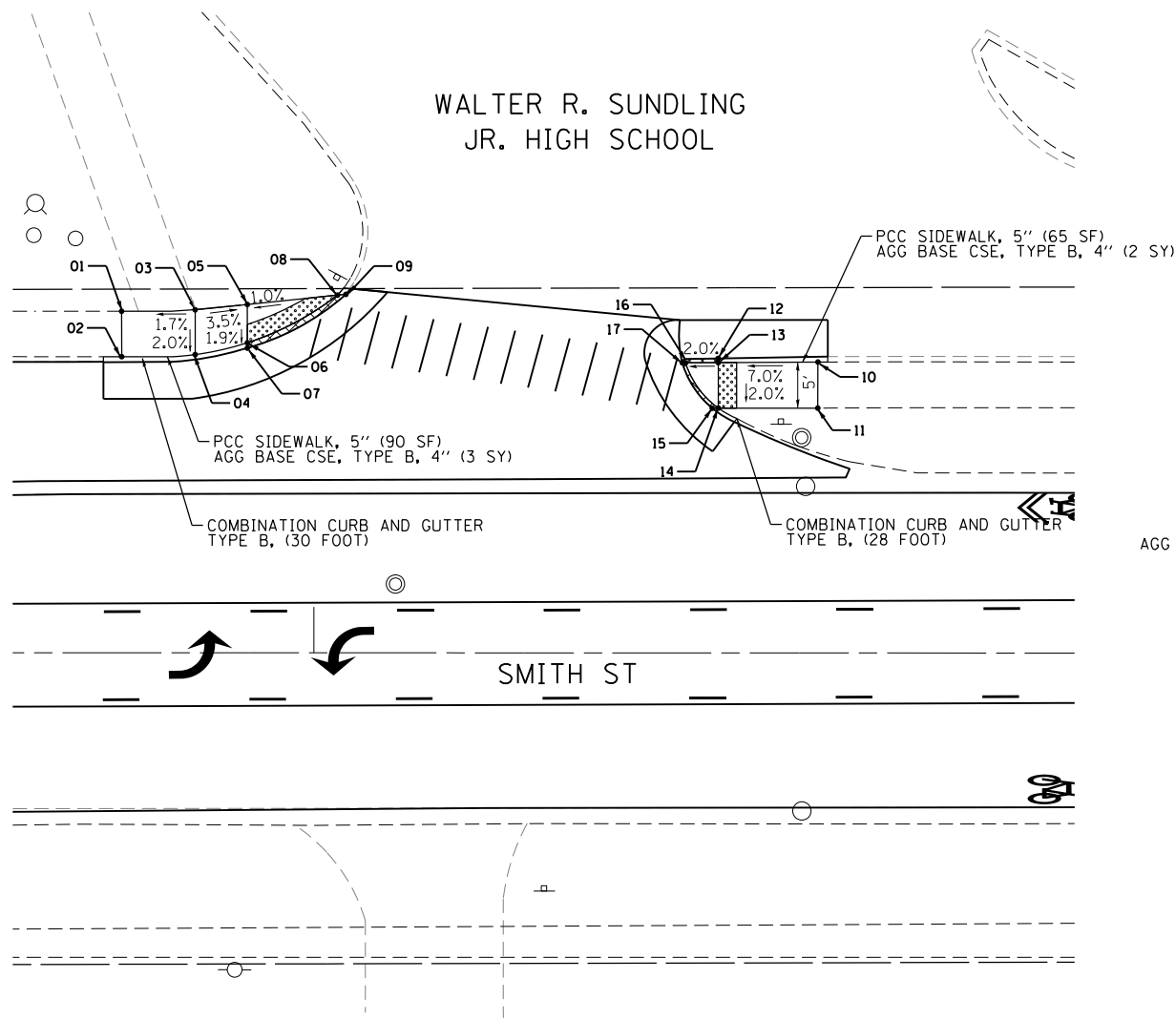
SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN

SCALE: 1"=10' SHEET 28 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	28
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	

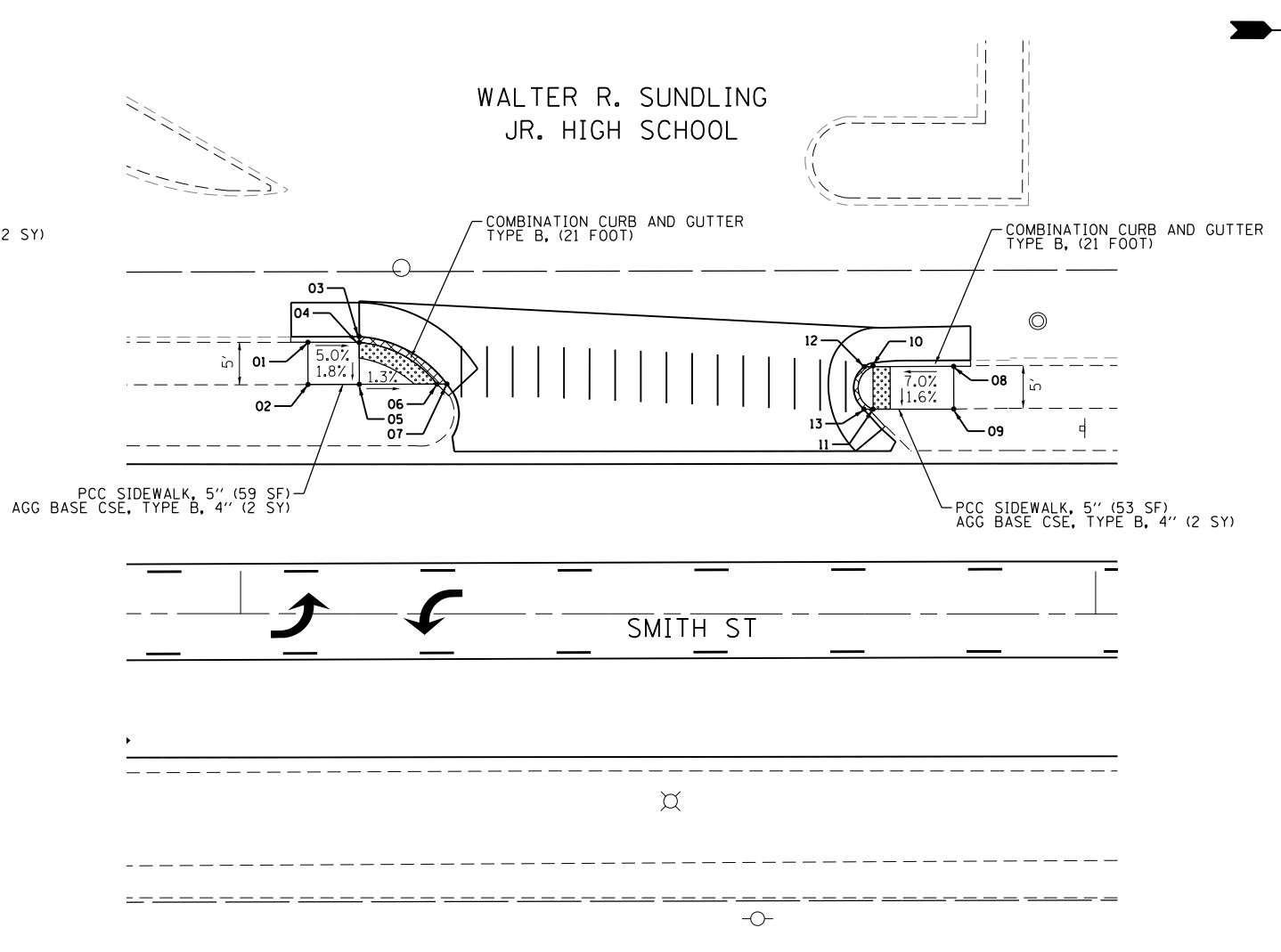


WALTER R. SUNDLING
JR. HIGH SCHOOL



SCHOOL (2) - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
1	170+79.00	37.58 LT	M.E.
2	170+79.02	32.32 LT	M.E.
3	170+87.03	37.47 LT	760.35
4	170+87.03	32.58 LT	760.25
5	170+92.01	37.95 LT	760.15
6	170+92.01	33.85 LT	760.07
7	170+92.01	33.27 LT	760.05
8	171+02.56	39.05 LT	760.29
9	171+03.49	39.14 LT	760.27
10	171+55.00	31.76 LT	M.E.
11	171+54.99	26.73 LT	M.E.
12	171+44.12	32.15 LT	760.24
13	171+44.13	31.70 LT	760.30
14	171+44.14	26.72 LT	760.20
15	171+43.47	26.72 LT	760.18
16	171+40.56	31.68 LT	760.22
17	171+40.16	31.68 LT	760.21

WALTER R. SUNDLING
JR. HIGH SCHOOL



SCHOOL (3) - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
1	172+07.86	31.76 LT	M.E.
2	172+07.86	26.82 LT	M.E.
3	172+13.86	32.42 LT	760.46
4	172+13.86	31.73 LT	760.48
5	172+13.86	26.86 LT	760.39
6	172+22.96	26.86 LT	760.27
7	172+24.12	26.86 LT	760.28
8	172+83.38	28.96 LT	M.E.
9	172+83.40	23.99 LT	M.E.
10	172+73.95	28.93 LT	760.66
11	172+73.97	23.95 LT	760.58
12	172+72.93	28.93 LT	760.64
13	172+72.86	23.95 LT	760.56

DEPRESSED CURB AND GUTTER
(TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

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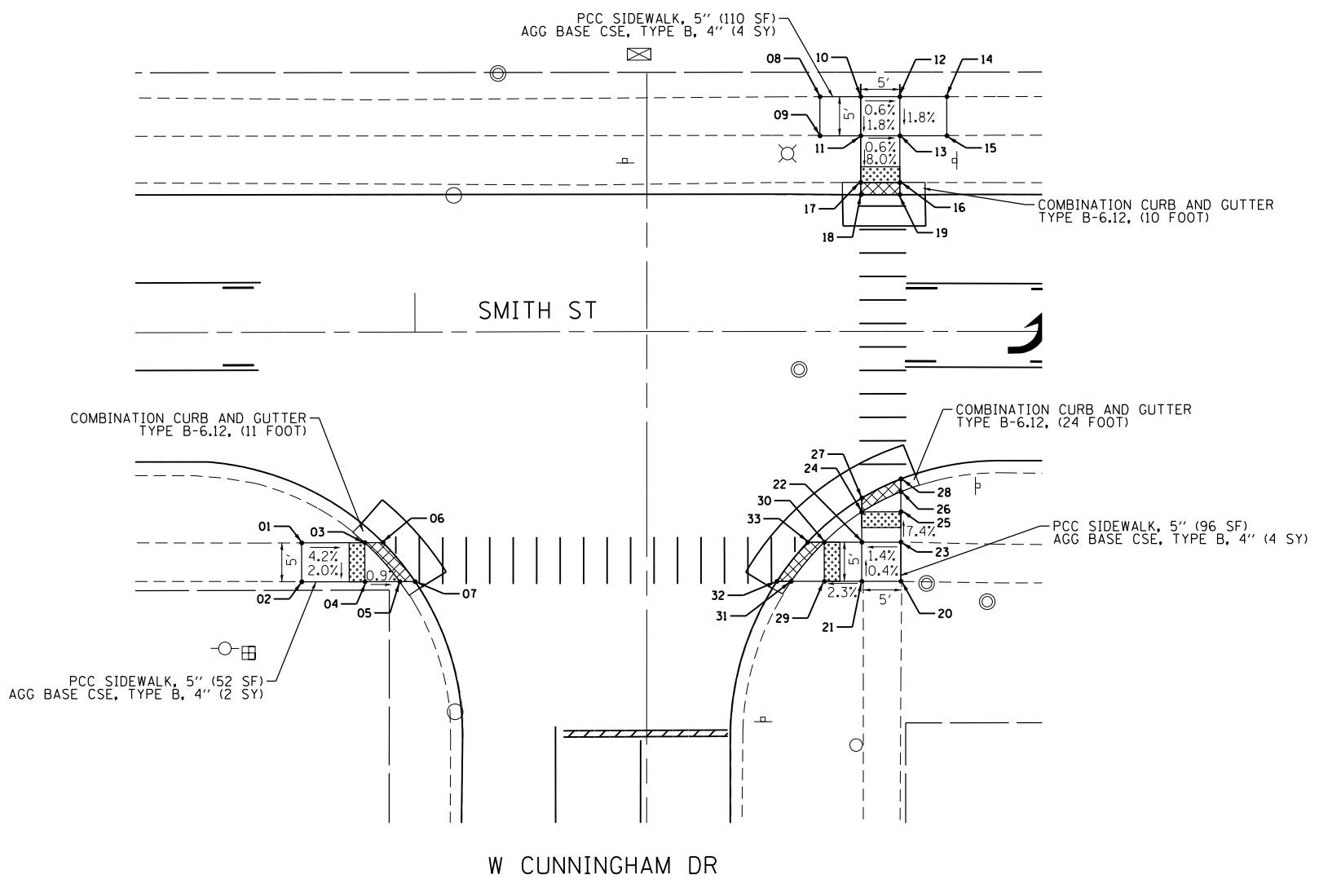
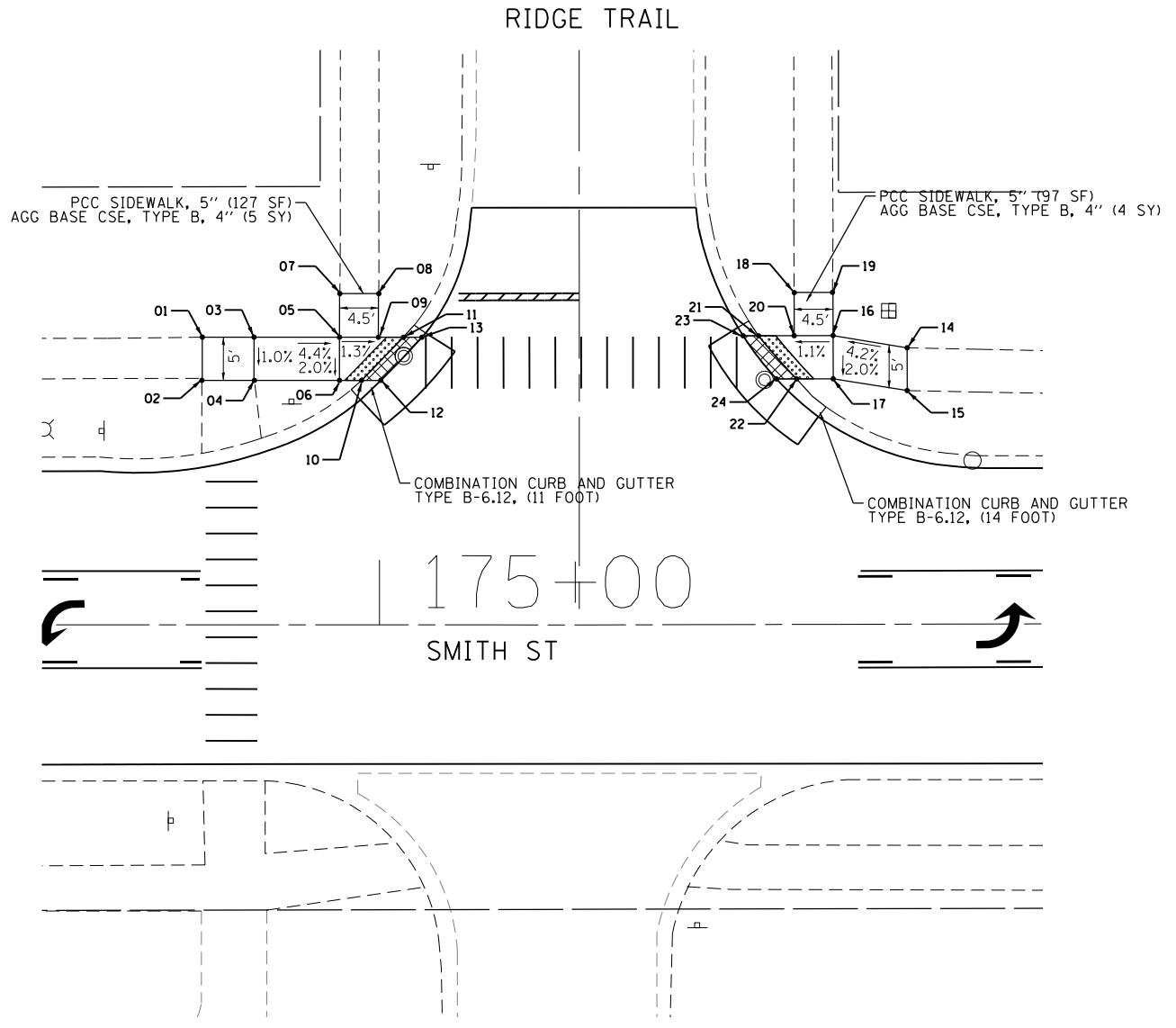


USER NAME = dbruckelmeier	DESIGNED - JLT	REVISED -
DRAWN - JLT	REVISED -	
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PLOT DATE = 8/28/2018	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE ADA RAMP ELEVATION PLAN			
SCALE: 1"=10'	SHEET 29 OF 44 SHEETS	STA. N/A TO STA. N/A	

OR/CH R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	29
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				

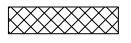


RIDGE TRAIL - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
1	174+79.47	33.29 LT	M.E.
2	174+79.47	28.29 LT	M.E.
3	174+85.47	33.29 LT	761.99
4	174+85.47	28.29 LT	M.E.
5	174+95.37	33.29 LT	761.55
6	174+95.37	28.29 LT	761.45
7	174+95.37	38.34 LT	M.E.
8	174+99.87	38.34 LT	M.E.
9	174+99.87	33.29 LT	761.49
10	174+97.92	28.29 LT	761.41
11	175+02.75	33.29 LT	761.47
12	175+00.15	28.29 LT	761.37
13	175+04.91	33.29 LT	761.43

RIDGE TRAIL - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
14	175+61.17	31.99 LT	M.E.
15	175+61.17	27.04 LT	M.E.
16	175+52.60	33.42 LT	761.70
17	175+52.60	28.42 LT	761.60
18	175+48.10	38.42 LT	M.E.
19	175+52.60	38.42 LT	M.E.
20	175+48.10	33.42 LT	761.65
21	175+43.97	33.42 LT	761.61
22	175+48.36	28.42 LT	761.54
23	175+42.19	33.42 LT	761.57
24	175+46.03	28.42 LT	761.50

CUNNINGHAM DR - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
1	178+85.44	26.94 RT	M.E.
2	178+85.44	31.90 RT	M.E.
3	178+93.52	26.89 RT	759.50
4	178+93.52	31.89 RT	759.40
5	178+97.96	31.89 RT	759.36
6	178+95.84	26.89 RT	759.46
7	178+99.93	31.89 RT	759.34
8	179+51.76	30.00 LT	M.E.
9	179+51.76	25.00 LT	M.E.
10	176+56.97	30.00 LT	759.47
11	176+56.97	25.00 LT	759.38
12	179+61.97	30.00 LT	759.44
13	179+61.97	25.00 LT	759.35
14	179+67.97	30.00 LT	M.E.
15	179+67.97	25.00 LT	M.E.
16	179+61.97	19.04 LT	758.87
17	176+56.97	19.04 LT	758.90
18	176+56.97	17.48 LT	758.86

CUNNINGHAM DR - RAMP ELEVATION TABLE			
POINT NO.	STATION	OFFSET	ELEVATION
19	179+61.97	17.48 LT	758.82
20	179+62.09	31.93 RT	M.E.
21	179+57.09	31.93 RT	M.E.
22	179+57.09	26.93 RT	759.34
23	179+62.09	26.93 RT	M.E.
24	179+57.09	23.06 RT	759.05
25	179+62.09	23.06 RT	759.12
26	179+62.09	20.49 RT	759.07
27	179+57.09	21.29 RT	759.04
28	179+62.09	18.85 RT	759.00
29	179+52.29	31.93 RT	759.25
30	179+52.29	26.93 RT	759.18
31	179+48.05	31.93 RT	759.20
32	179+46.22	31.93 RT	759.16
33	179+50.17	26.93 RT	759.12



DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\A636-062 Palatine Smith Street PHILCAD SHEETS\636-062-ADA Sheet10.RIDGE TRAIL & CUNNINGHAM DR.dgn



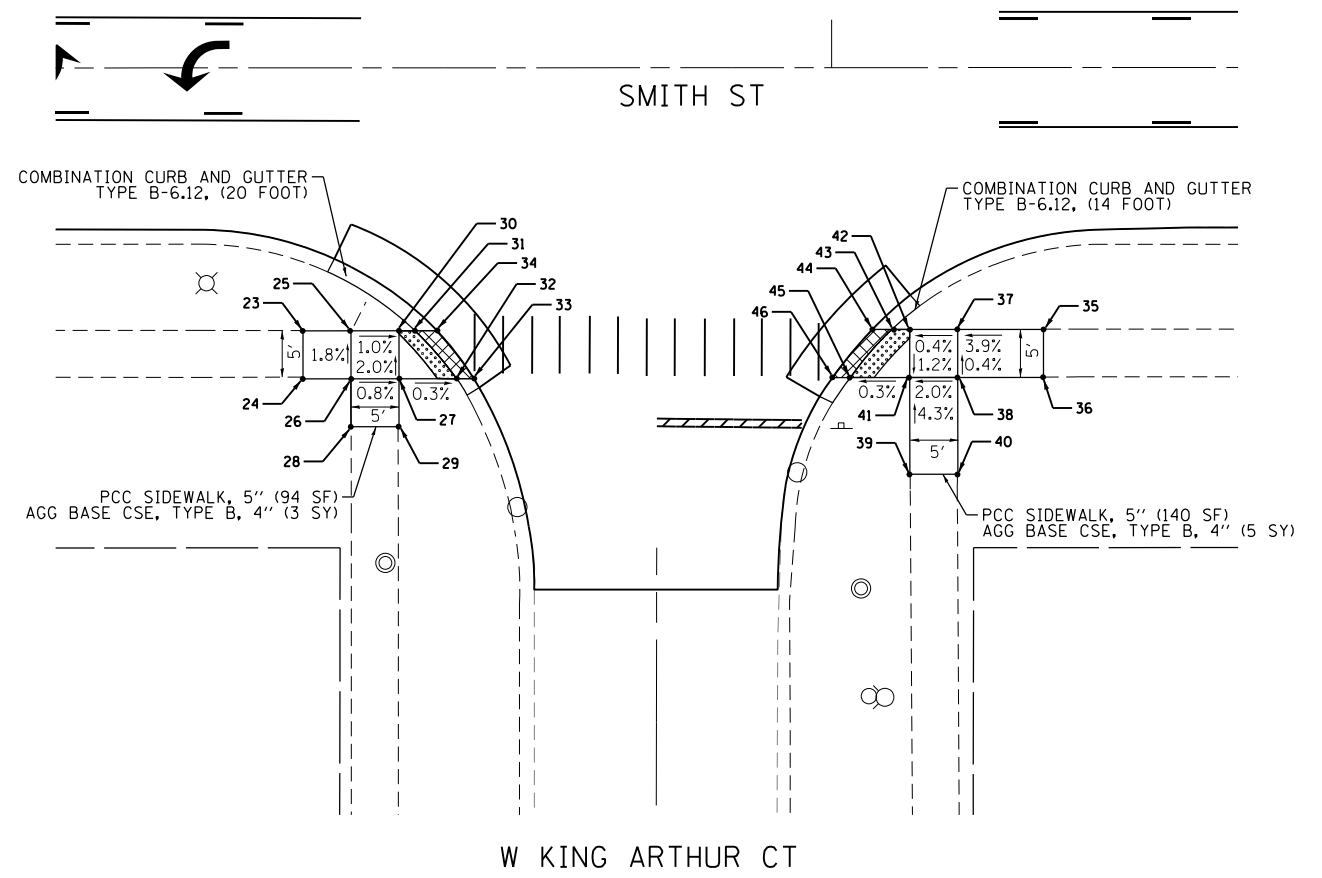
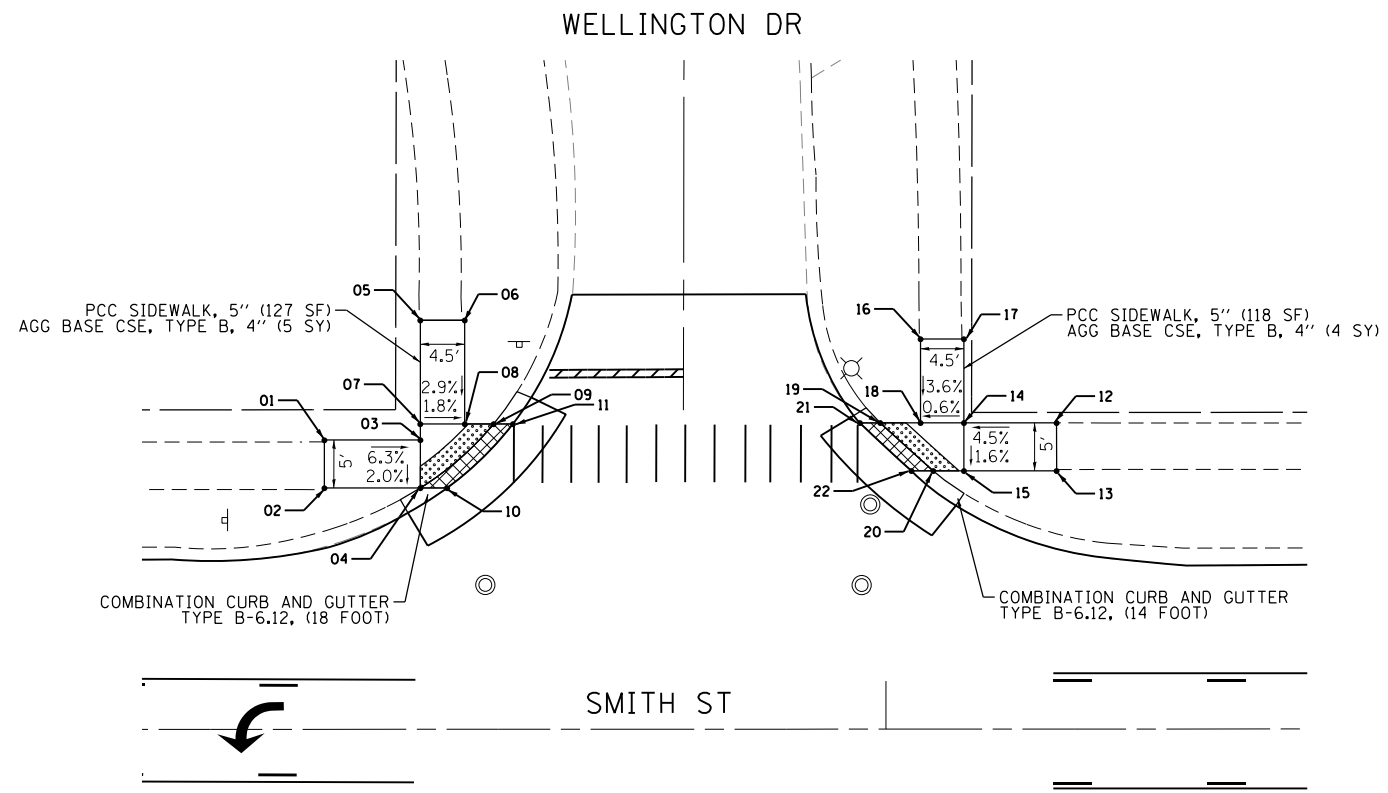
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PLOT SCALE = 2.0000' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 8/28/2018	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN

SCALE: 1"=10' SHEET 30 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH R.E. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 30
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



KING HENRY/WELLINGTON - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	182+41.51	30.14 LT	M.E.
2	182+41.51	25.14 LT	M.E.
3	182+51.51	30.14 LT	759.80
4	182+51.51	25.14 LT	759.70
5	182+51.51	42.62 LT	M.E.
6	182+56.13	42.62 LT	M.E.
7	182+51.51	31.81 LT	759.84
8	182+56.13	31.81 LT	759.76
9	182+59.14	31.81 LT	759.69
10	182+54.29	25.14 LT	759.65
11	182+61.15	31.81 LT	759.66
12	183+17.79	31.90 LT	M.E.
13	183+17.79	26.90 LT	M.E.
14	183+08.13	31.90 LT	759.59
15	183+08.13	26.90 LT	759.51
16	183+03.62	40.64 LT	M.E.

KING HENRY/WELLINGTON - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
17	183+08.13	40.64 LT	M.E.
18	183+03.62	31.90 LT	759.56
19	182+99.42	31.90 LT	759.52
20	183+04.93	26.90 LT	759.49
21	182+97.29	31.90 LT	759.51
22	183+02.66	26.90 LT	759.47
23	182+44.91	27.40 RT	M.E.
24	182+44.91	32.40 RT	M.E.
25	182+49.91	27.40 RT	760.23
26	182+49.91	32.40 RT	760.32
27	182+54.91	32.40 RT	760.28
28	182+49.91	37.40 RT	M.E.
29	182+54.91	37.40 RT	M.E.
30	182+54.91	27.40 RT	760.18
31	182+56.58	27.40 RT	760.16
32	182+60.90	32.40 RT	760.26

KING HENRY/WELLINGTON - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
33	182+62.71	32.40 RT	760.24
34	182+58.88	27.40 RT	760.14
35	183+22.06	27.28 RT	M.E.
36	183+22.06	32.28 RT	M.E.
37	183+13.13	27.28 RT	759.52
38	183+13.13	32.28 RT	759.54
39	183+08.13	42.37 RT	M.E.
40	183+13.13	42.37 RT	M.E.
41	183+08.13	32.28 RT	759.44
42	183+08.13	27.28 RT	759.50
43	183+06.25	27.28 RT	759.46
44	183+04.24	27.28 RT	759.45
45	183+01.99	32.28 RT	759.42
46	183+01.95	32.28 RT	759.40

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

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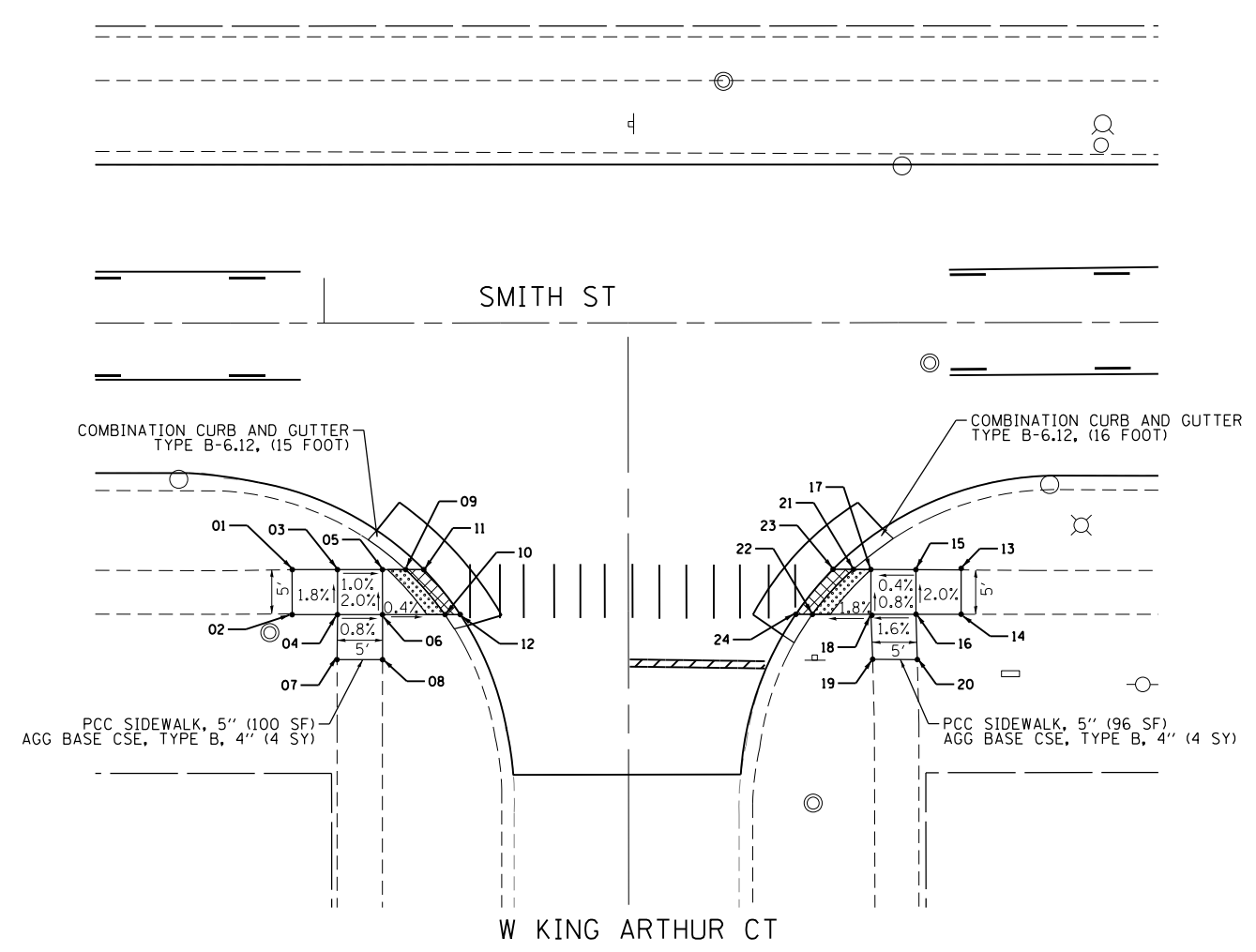
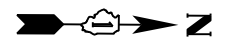


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PLOT DATE = 8/28/2018	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

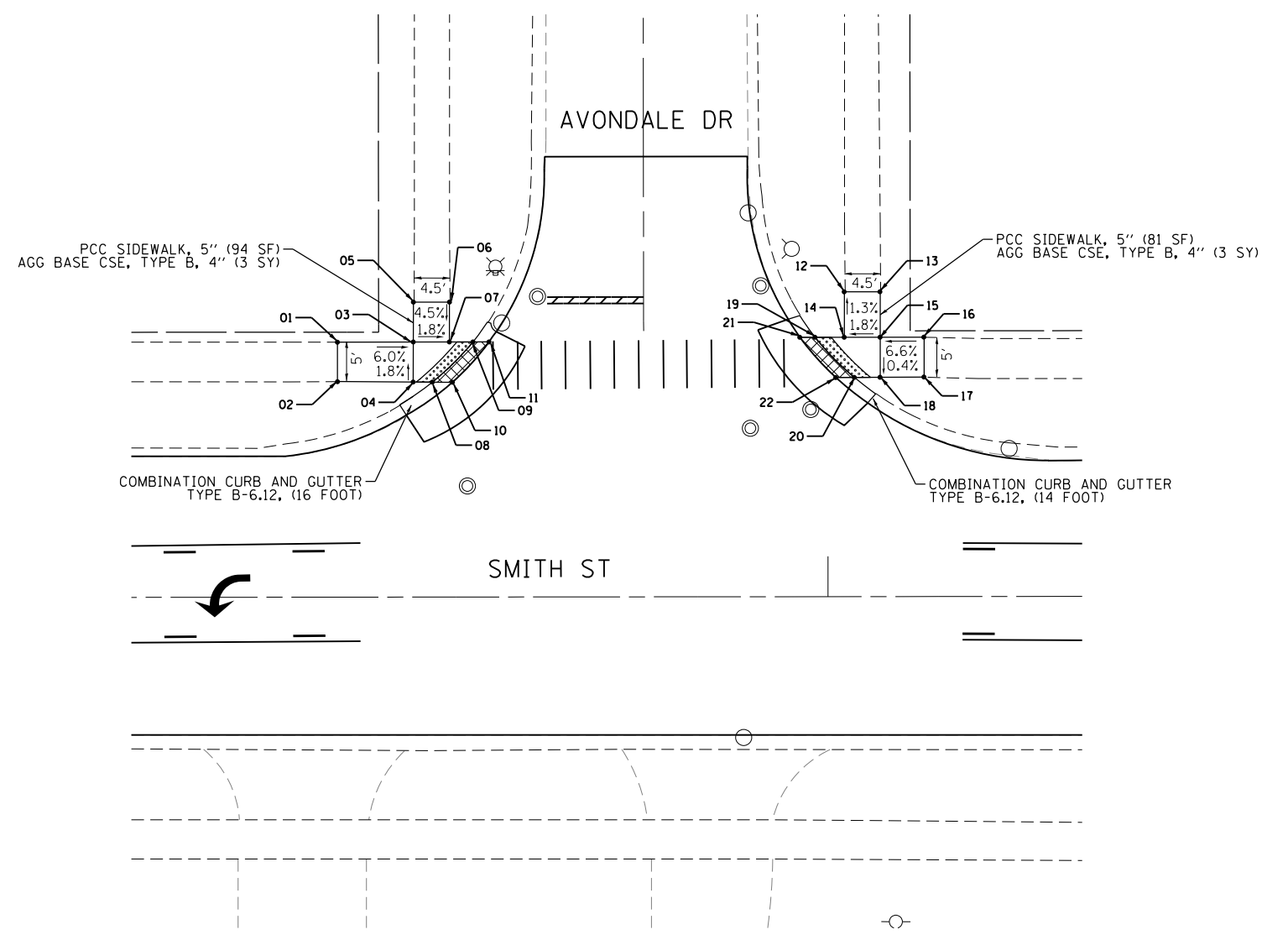
SMITH STREET - VILLAGE OF PALATINE ADA RAMP ELEVATION PLAN			
SCALE: 1"=10'	SHEET 31 OF 44 SHEETS	STA. N/A TO STA. N/A	

OR/CH R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	31
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				



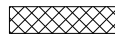
KING ARTHUR CT - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	185+96.45	27.39 RT	M.E.
2	185+96.45	32.39 RT	M.E.
3	186+01.48	27.39 RT	759.25
4	186+01.48	32.39 RT	759.34
5	186+06.48	27.39 RT	759.20
6	186+06.48	32.39 RT	759.30
7	186+01.48	37.39 RT	M.E.
8	186+06.48	37.39 RT	M.E.
9	186+09.05	27.39 RT	759.16
10	186+13.41	32.39 RT	759.27
11	186+11.05	27.39 RT	759.15
12	186+15.11	32.39 RT	759.26
13	186+70.74	27.41 RT	M.E.
14	186+70.74	32.41 RT	M.E.
15	186+65.72	27.41 RT	760.04
16	186+65.72	32.41 RT	760.14
17	186+60.72	27.41 RT	760.02
18	186+60.72	32.41 RT	760.06
19	186+60.72	37.40 RT	M.E.
20	186+65.72	37.40 RT	M.E.
21	186+58.77	27.41 RT	760.00
22	186+54.20	32.41 RT	759.94
23	186+56.48	27.41 RT	759.98
24	186+52.31	32.41 RT	759.92



AVONDALE DR - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	187+39.12	31.66 LT	M.E.
2	187+39.12	26.66 LT	M.E.
3	187+48.52	31.66 LT	760.38
4	187+48.52	26.66 LT	760.42
5	187+48.52	36.61 LT	M.E.
6	187+53.02	36.61 LT	M.E.
7	187+53.02	31.66 LT	760.29
8	187+50.88	26.66 LT	760.39
9	187+55.95	31.66 LT	760.24
10	187+53.40	26.66 LT	760.38
11	187+57.94	31.66 LT	760.22
12	188+02.07	37.83 LT	M.E.
13	188.06.51	37.83 LT	M.E.
14	188+02.07	32.20 LT	761.27
15	188.06.51	32.20 LT	761.36
16	188+11.96	32.20 LT	M.E.
17	188+11.96	27.20 LT	M.E.
18	188.06.51	27.20 LT	761.34
19	187+98.43	32.20 LT	761.21
20	188+03.32	27.20 LT	761.32
21	187+96.55	32.20 LT	761.19
22	188+01.01	27.20 LT	761.30

 DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\A636-062 Palatine Smith Street PHILCAD SHEETS\636-062-ADA Sheet12.KING HENRY CT & AVONDALE DR.dgn

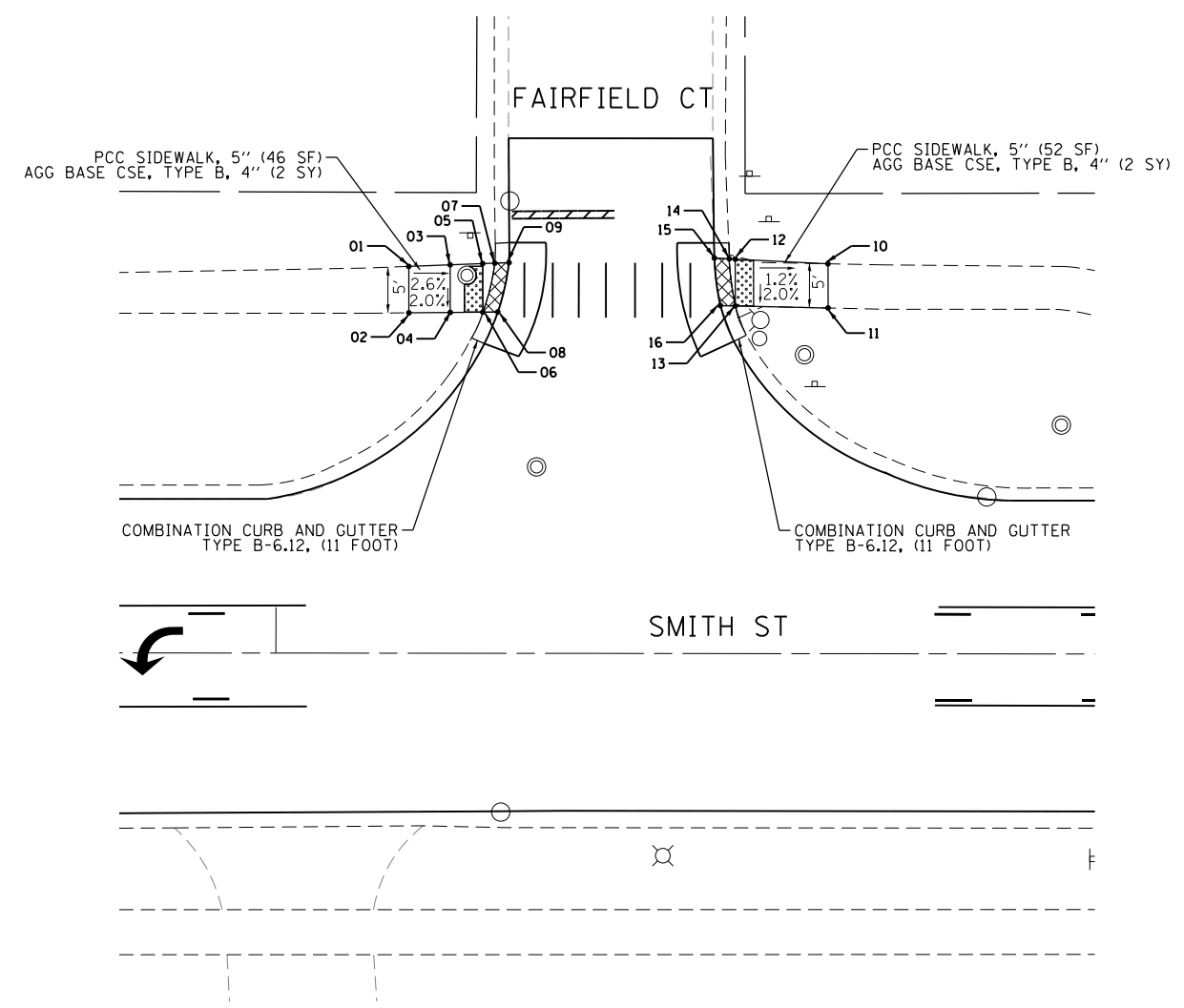
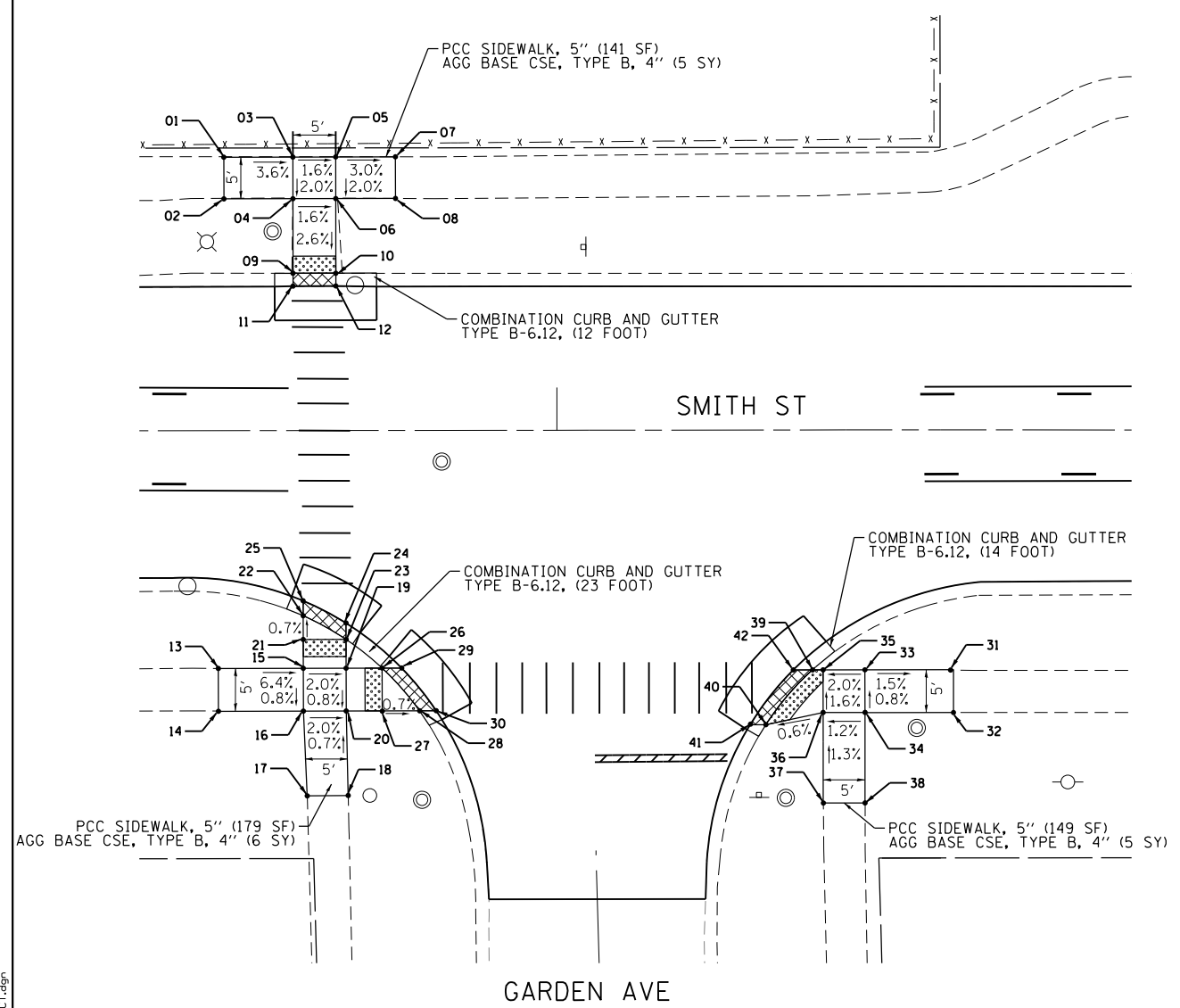
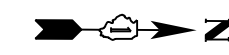


USER NAME = dbruckelmeyer	DESIGNED - JLT	REVISED -
DRAWN - JLT	REVISIONS -	
PLOT SCALE = 2.0000' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 8/28/2018	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SMITH STREET - VILLAGE OF PALATINE ADA RAMP ELEVATION PLAN			
SCALE: 1"=10'	SHEET 32 OF 44 SHEETS	STA. N/A TO STA. N/A	

OR/CH RTE. 710/71	SECTION 17-0013-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 32
CONTRACT NO. 61F14				
ILLINOIS FED. AID PROJECT				



GARDEN AVE - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	191+61.12	31.99 LT	M.E.
2	191+61.13	27.06 LT	M.E.
3	191+69.19	32.00 LT	764.43
4	191+69.18	27.08 LT	764.33
5	191+74.19	32.01 LT	764.35
6	191+74.19	27.08 LT	764.25
7	191+81.17	32.02 LT	M.E.
8	191+81.17	27.09 LT	M.E.
9	191+69.19	18.37 LT	764.12
10	191+74.19	18.37 LT	764.02
11	191+69.19	16.87 LT	764.10
12	191+74.19	16.87 LT	764.00
13	191+60.42	27.78 RT	M.E.
14	191+60.42	32.78 RT	M.E.
15	191+70.35	27.77 RT	764.26
16	191+70.35	32.77 RT	764.22
17	191+70.78	42.67 RT	M.E.

GARDEN AVE - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
18	191+75.56	42.63 RT	M.E.
19	191+75.35	27.76 RT	764.16
20	191+75.35	32.76 RT	764.12
21	191+70.34	24.41 RT	764.24
22	191+70.34	21.64 RT	764.22
23	191+75.34	24.40 RT	764.14
24	191+75.34	22.49 RT	764.13
25	191+70.33	19.89 RT	764.21
26	191+79.55	27.76 RT	763.84
27	191+79.56	32.78 RT	763.80
28	191+83.93	32.77 RT	763.77
29	191+81.83	27.75 RT	763.83
30	191+85.86	32.75 RT	763.76
31	192+46.29	28.01 RT	M.E.
32	192+46.29	33.01 RT	M.E.
33	192+35.94	28.02 RT	763.00
34	192+35.94	33.02 RT	763.04

GARDEN AVE - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
35	192+31.06	28.02 RT	762.90
36	192+31.06	32.99 RT	762.98
37	192+31.06	43.56 RT	M.E.
38	192+35.94	43.56 RT	M.E.
39	192+29.82	28.02 RT	762.88
40	192+24.37	34.42 RT	762.94
41	192+22.54	34.42 RT	762.93
42	192+27.58	28.02 RT	762.87

FAIRFIELD CT - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	193+14.46	42.25 LT	M.E.
2	193+14.48	37.18 LT	M.E.
3	193+18.98	42.43 LT	760.53
4	193+18.99	37.23 LT	760.63
5	193+22.53	42.57 LT	760.46
6	193+22.55	37.27 LT	760.56
7	193+23.85	42.62 LT	760.44
8	193+24.18	37.29 LT	760.55
9	193+25.40	42.68 LT	760.42
10	193+60.24	42.58 LT	760.18
11	193+60.25	37.76 LT	760.12
12	193+50.11	43.09 LT	760.30
13	193+50.12	37.98 LT	760.20
14	193+49.45	43.12 LT	760.31
15	193+47.83	43.20 LT	760.32
16	193+48.48	38.02 LT	760.19

DEPRESSED CURB AND GUTTER
(TO BE PAID FOR PER CURB
TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\A636-062 Palatine Smith Street PHIL CAD SHEETS\636-062-ADA_Sheet13_GARDEN AVE & FAIRFIELD CT.dgn



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PLOT DATE = 8/28/2018	CHECKED - DBB	REVISED -
	DATE - 07/30/2018	REVISED -

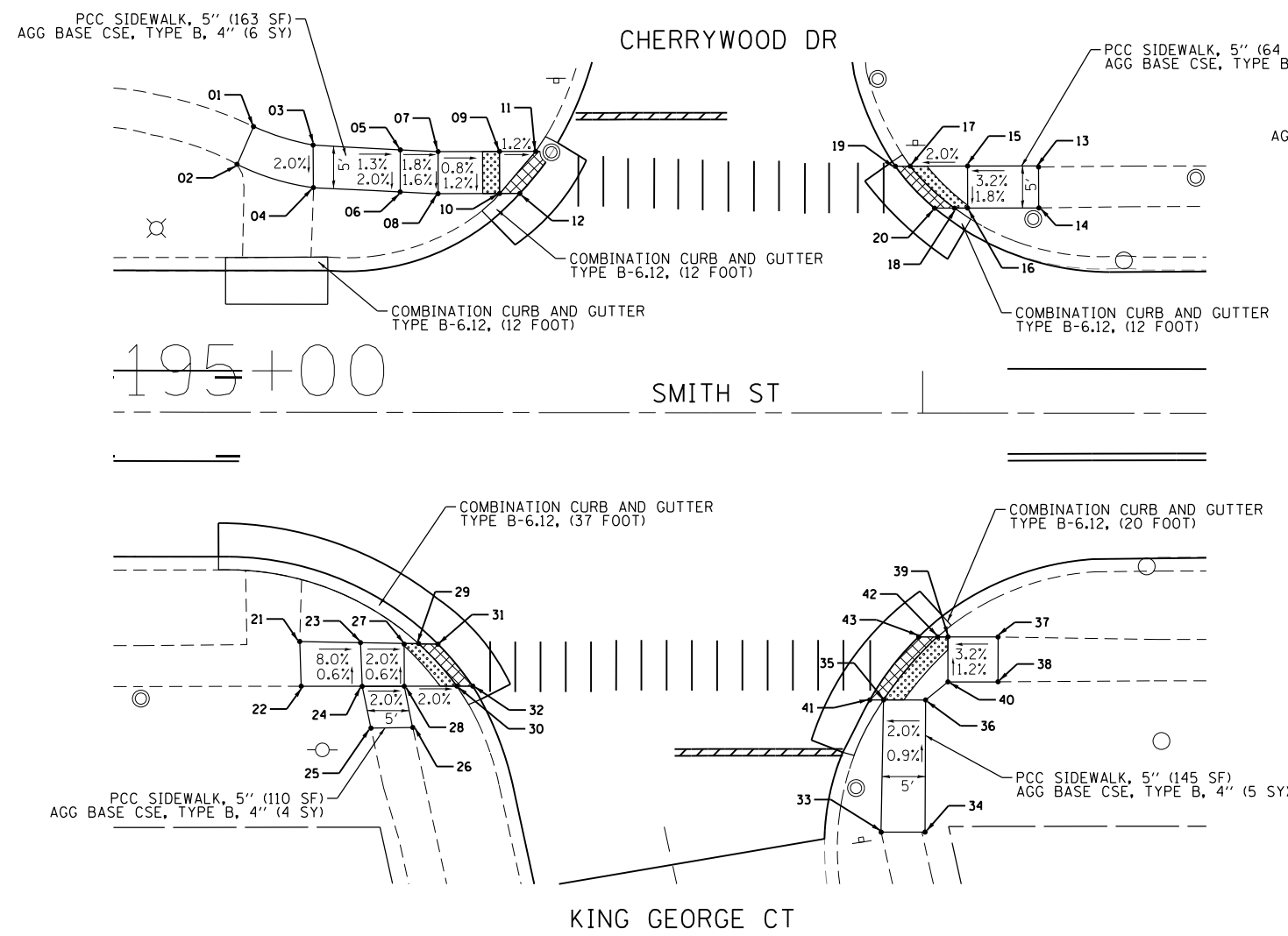
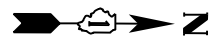
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN

SCALE: 1"=10'

SHEET 33 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH RTE. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 33
CONTRACT NO. 61F14				ILLINOIS FED. AID PROJECT



KING GEORGE/CHERRYWOOD - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
23	195+33.42	27.58 RT	759.87
24	195+33.44	32.58 RT	759.90
25	195+34.49	37.54 RT	M.E.
26	195+39.45	37.46 RT	M.E.
27	195+38.43	27.56 RT	759.77
28	195+38.45	32.56 RT	759.80
29	195+40.22	27.56 RT	759.74
30	195+44.70	32.54 RT	759.68
31	195+42.44	27.55 RT	759.72
32	195+46.57	32.53 RT	759.66
33	195+95.11	49.84 RT	M.E.
34	196+00.35	49.82 RT	M.E.
35	195+95.39	34.12 RT	760.02
36	196+00.39	34.10 RT	760.12
37	196+09.00	26.62 RT	M.E.
38	196+09.00	31.95 RT	M.E.
39	196+03.04	26.62 RT	760.15
40	196+03.04	31.97 RT	760.21
41	195+93.76	34.12 RT	760.00
42	196+01.81	26.62 RT	760.13
43	195+99.55	26.62 RT	760.14

DENTON AVE - RAMP ELEVATION TABLE

POINT NO.	STATION	OFFSET	ELEVATION
1	200+90.68	30.38 LT	M.E.
2	200+90.68	25.61 LT	M.E.
3	200+98.98	30.41 LT	765.54
4	200+98.97	25.37 LT	765.44
5	201+05.58	30.44 LT	765.50
6	201+01.31	25.31 LT	765.43
7	201+03.51	25.25 LT	765.41
8	201+65.77	29.89 LT	M.E.
9	201+65.78	24.89 LT	M.E.
10	201+58.55	29.88 LT	765.06
11	201+58.55	24.88 LT	765.96
12	201+51.53	29.86 LT	765.03
13	201+57.20	24.88 LT	765.96
14	201+49.56	29.86 LT	765.02
15	201+54.57	24.87 LT	765.95

DEPRESSED CURB AND GUTTER (TO BE PAID FOR PER CURB TYPE, NOT PAID SEPARATELY)

FILE NAME = F:\636-062 Palatine Smith Street PHIL CAD SHEETS\636-062 ADA Sheet14-CHERRYWOOD DR & DENTON AVE.dgn



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	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

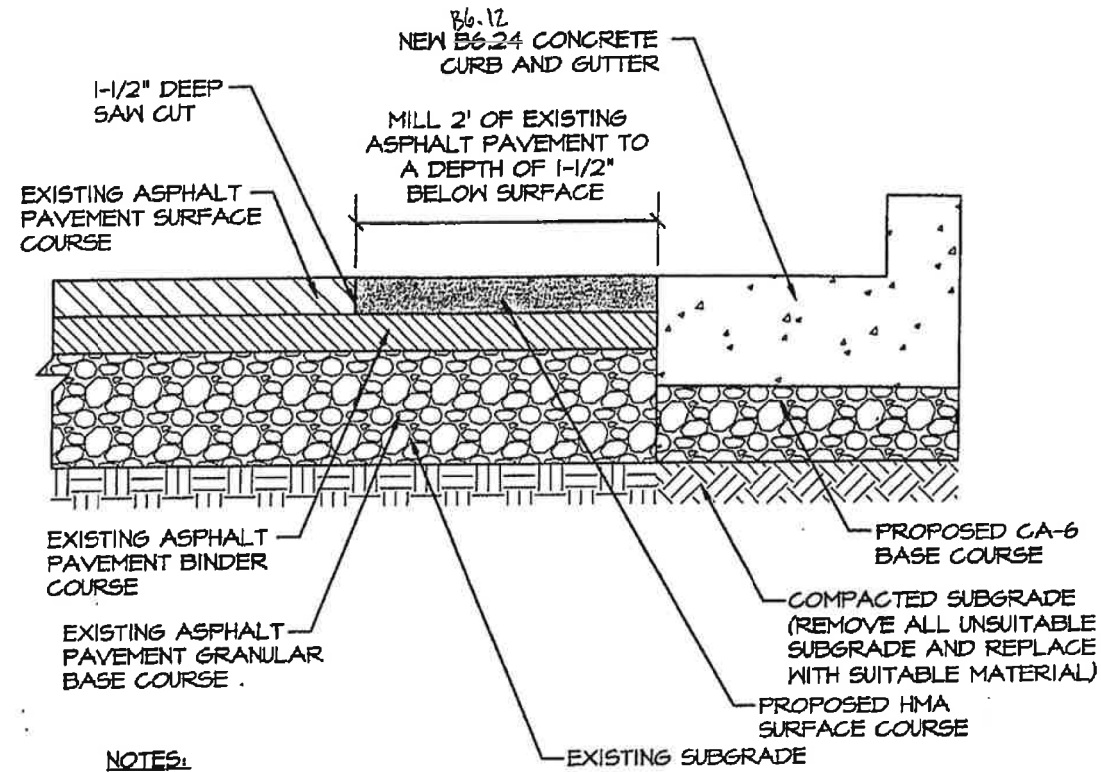
SMITH STREET - VILLAGE OF PALATINE
ADA RAMP ELEVATION PLAN

SCALE: 1"=10' SHEET 34 OF 44 SHEETS STA. N/A TO STA. N/A

OR/CH R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	34
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	

PAVEMENT PATCHING

AT CURB & GUTTER REMOVAL
NOT TO SCALE



NOTES:

1. EXISTING PAVEMENT SECTION IS SHOWN FOR REFERENCE ONLY.
2. ALL ASPHALT PAVEMENT MILLINGS SHALL BE DISPOSED OF BY THE CONTRACTOR.

DETAIL -

NOT TO SCALE

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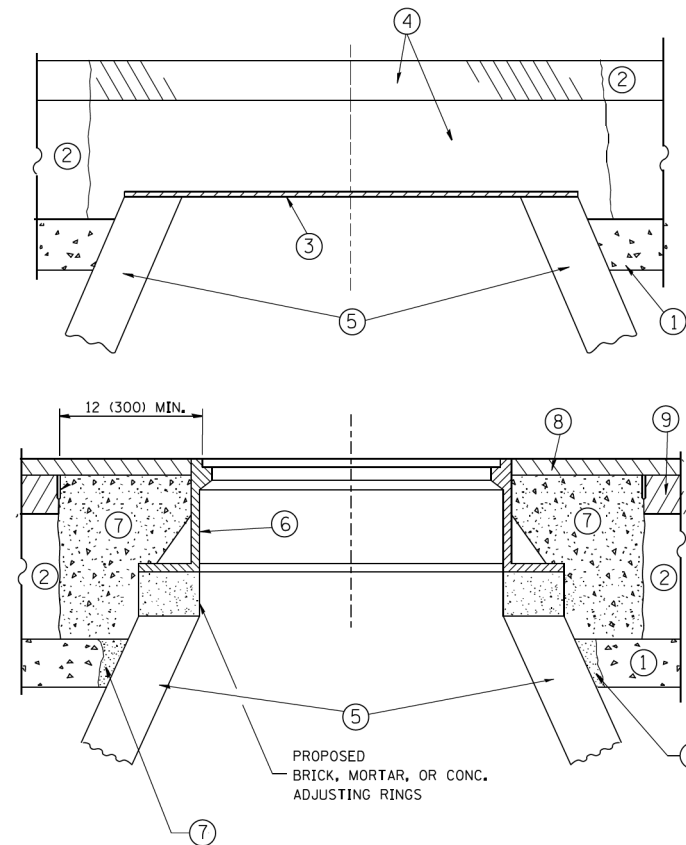
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMITH STREET - VILLAGE OF PALATINE

SCALE: SHEET 35 OF 44 SHEETS STA. TO STA.

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	35
CONTRACT NO. 61F14			ILLINOIS FED. AID PROJECT	



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

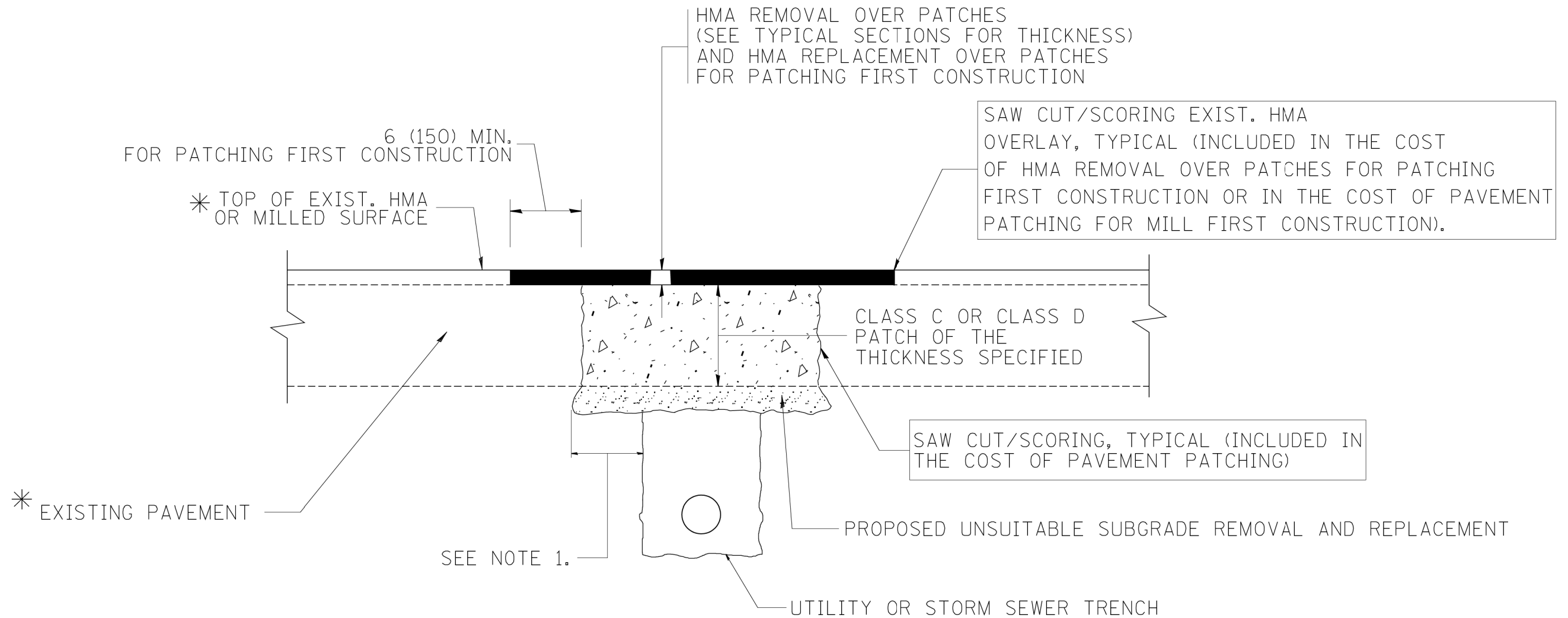
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	PLOT SCALE = 1/68.5000 "/ m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	36
BD600-03 (BD-8)		CONTRACT NO. 61F14		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

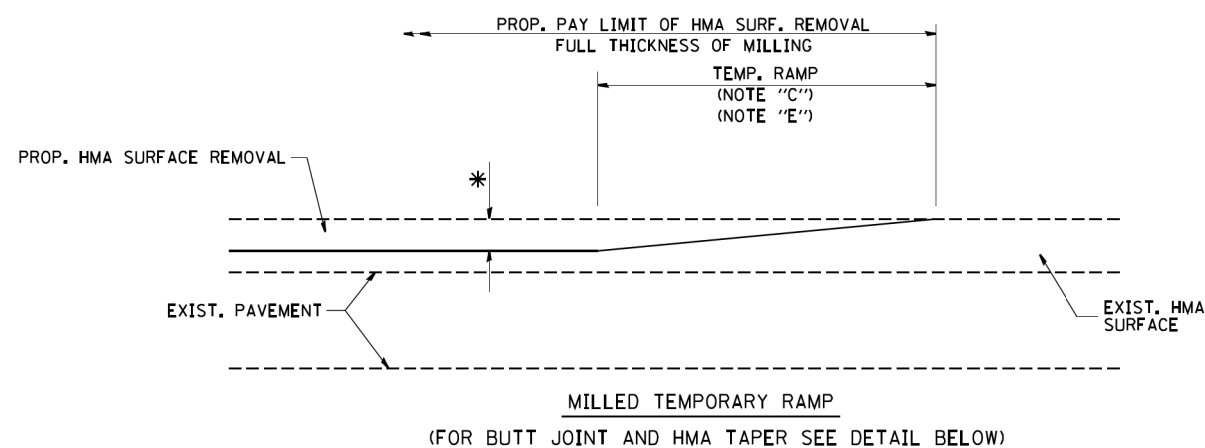
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

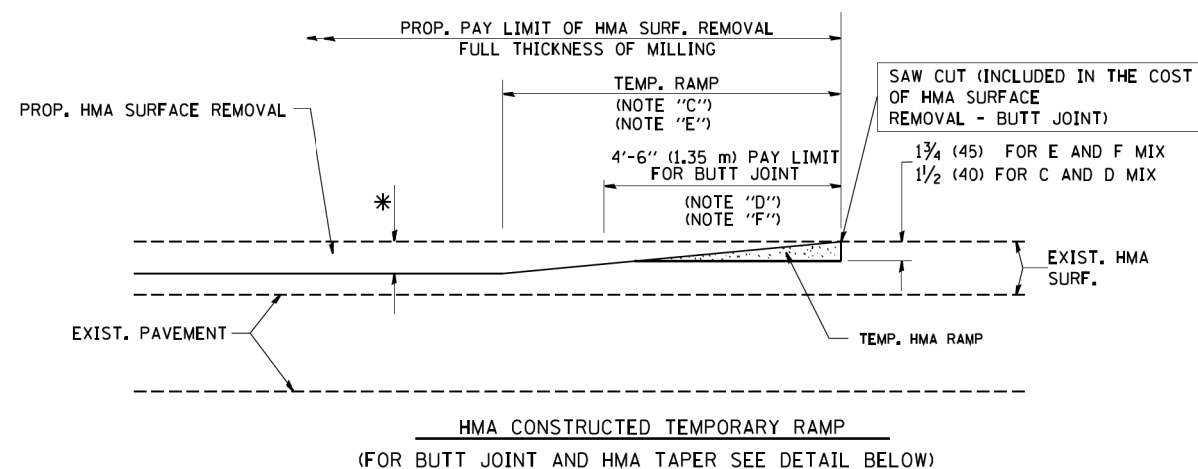
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	710/71	17-00103-00-R5	COOK	44	37
		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07						BD400-04 (BD-22)		CONTRACT NO. 61F14		
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

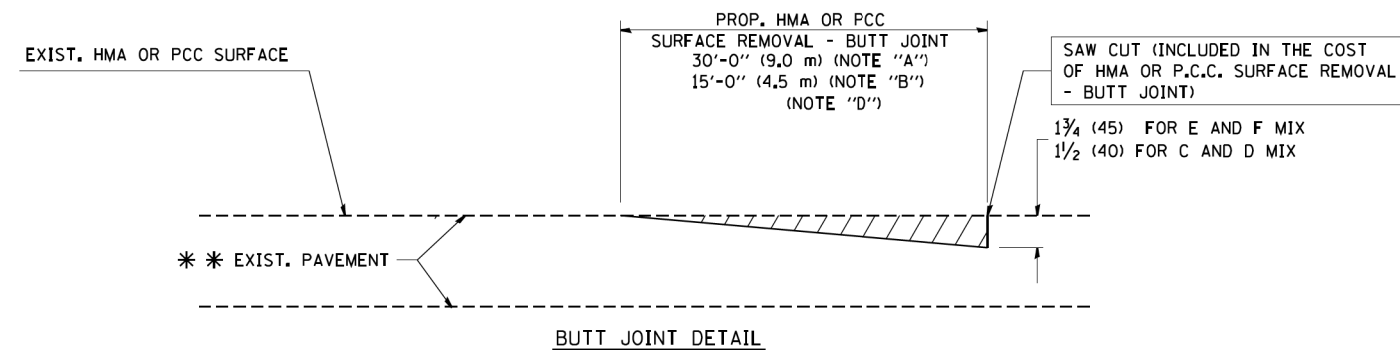


OPTION 1

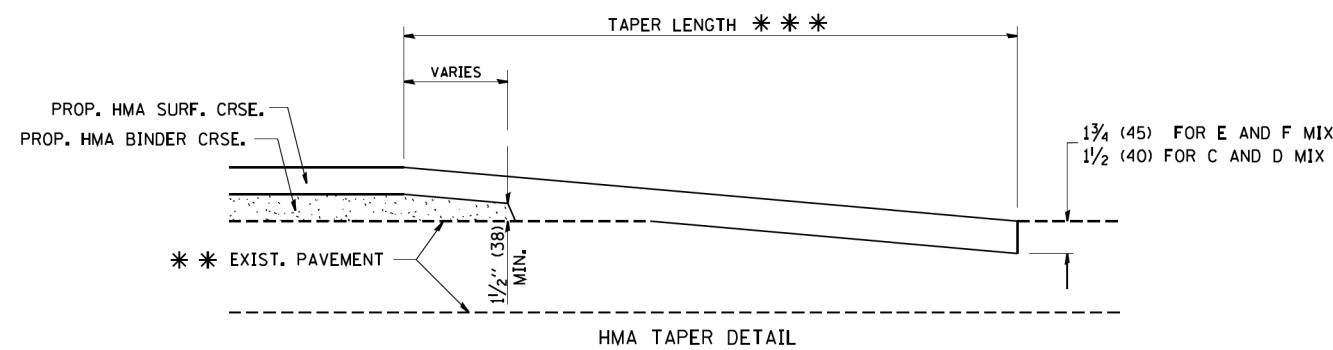


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

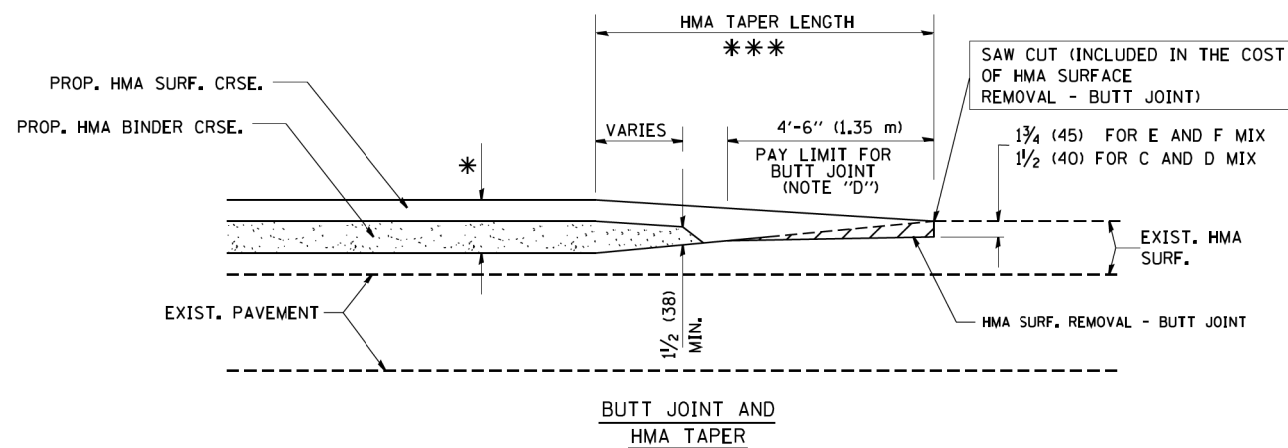
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

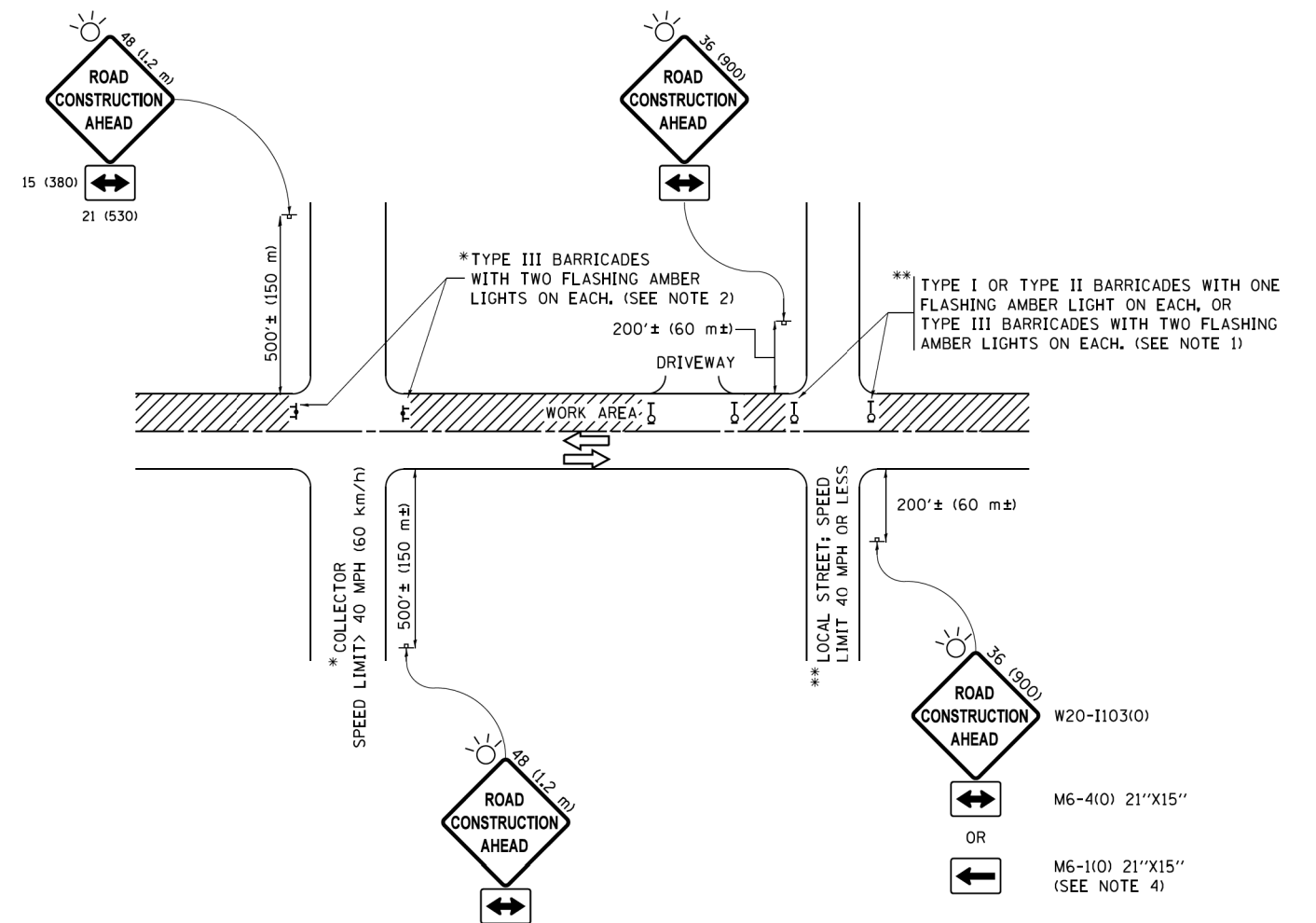
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	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	38
BD400-05 BD32		CONTRACT NO. 61F14		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

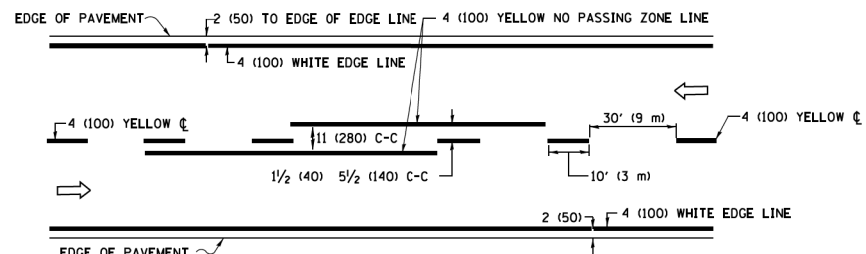


NOTES:

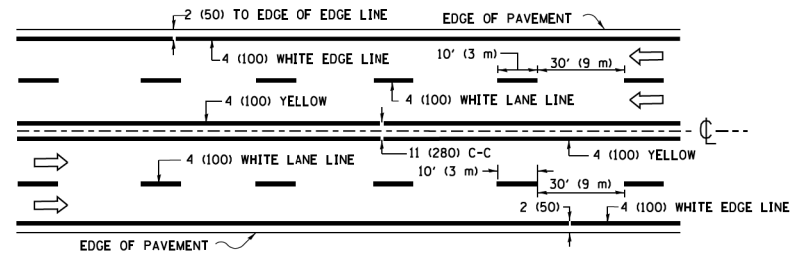
1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE 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.

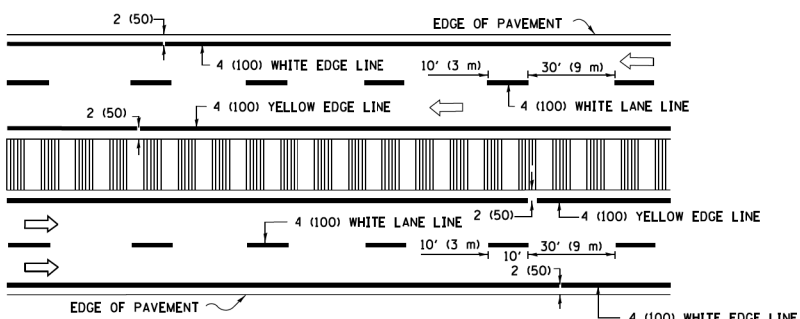
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pw\1\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\CADD\cadd\CADsheets\to10.dgn	DRAWN	REVISIONS	REVISIONS					710/71	17-00103-00-R5	COOK	44	39
Default	PLOT SCALE = 50,000' / 1" =	CHECKED -	REVISIONS		TC-10			CONTRACT NO. 61F14				
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISIONS		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



2-LANE ROADWAY

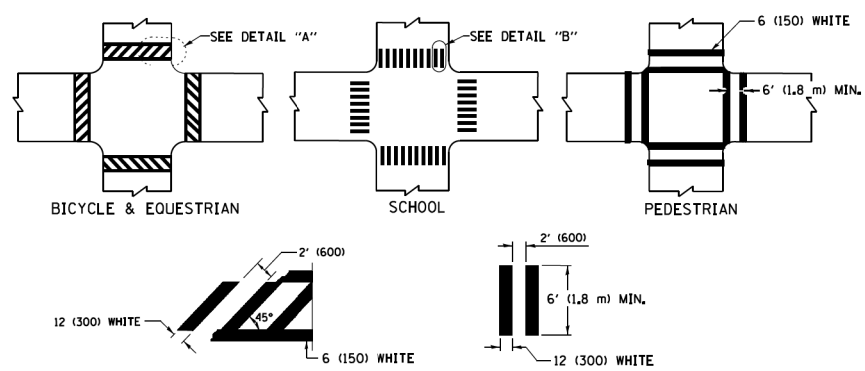


MULTI-LANE UNDIVIDED



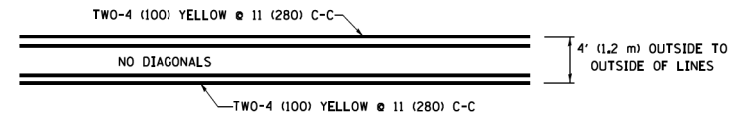
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

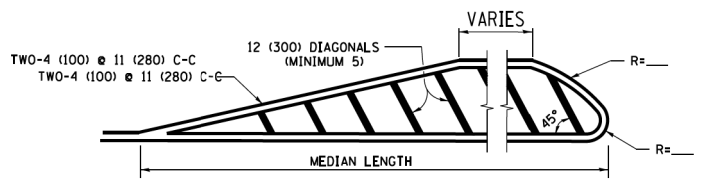


TYPICAL CROSSWALK MARKING

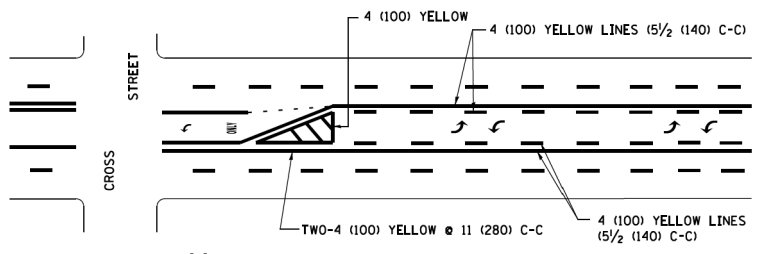
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



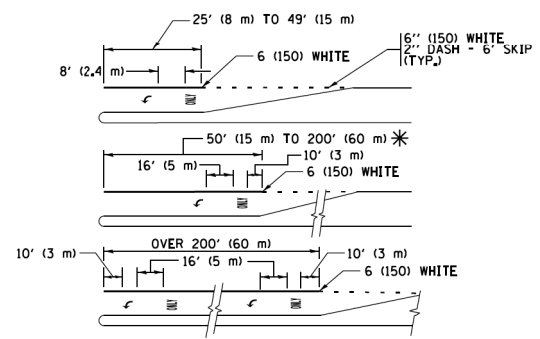
4' (1.2 m) WIDE MEDIANS ONLY



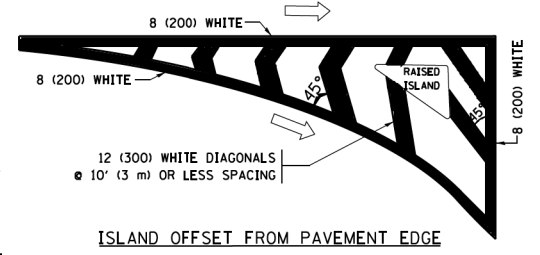
MEDIANS OVER 4' (1.2 m) WIDE



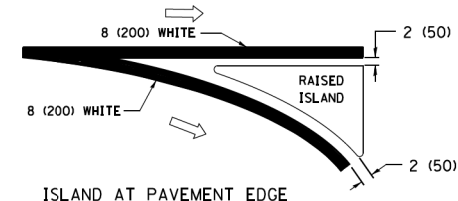
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



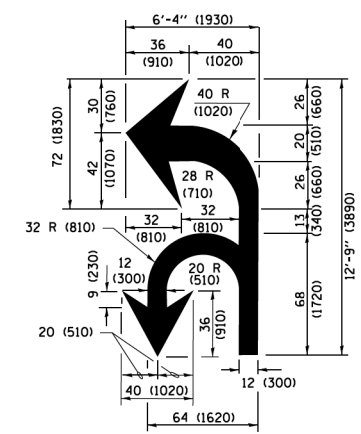
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



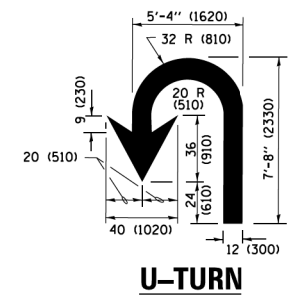
ISLAND OFFSET FROM PAVEMENT EDGE



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 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE 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 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS; 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

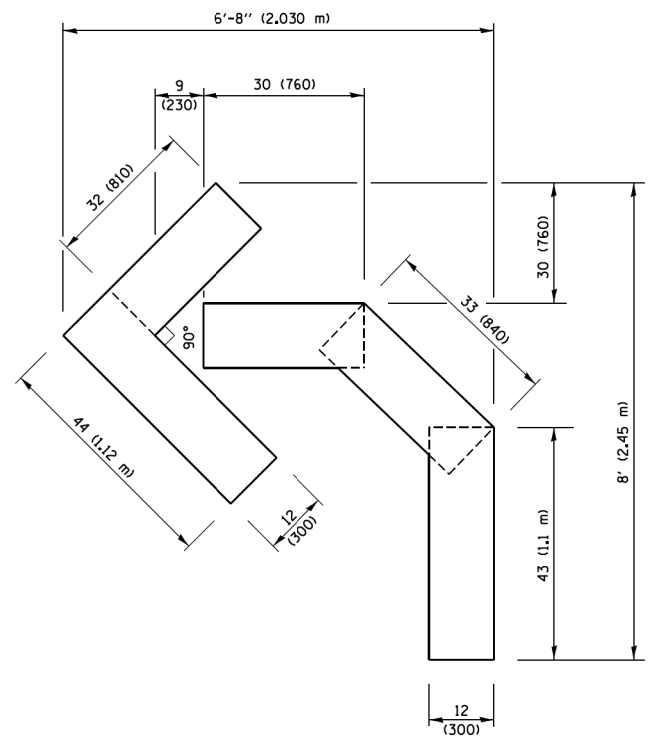
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CAD\CADData\CADsheets\t013.dgn		DRAWN -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 50,000' / in	CHECKED -	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

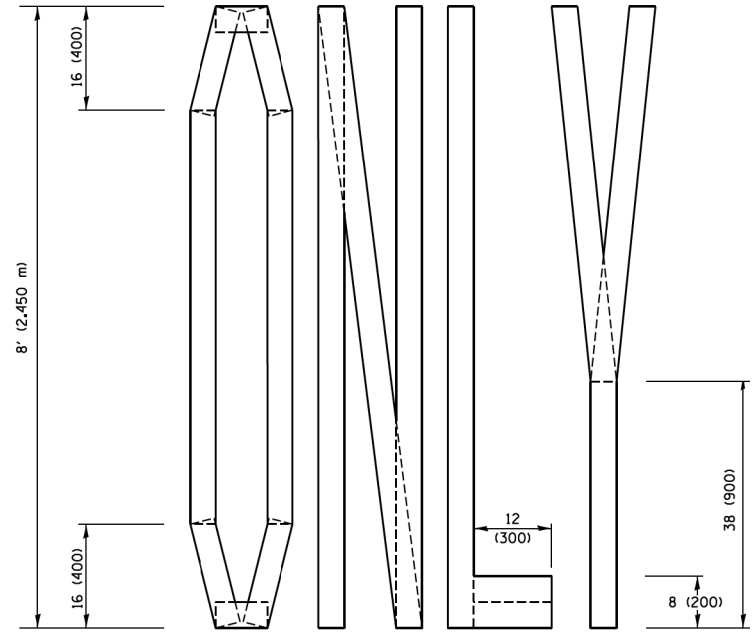
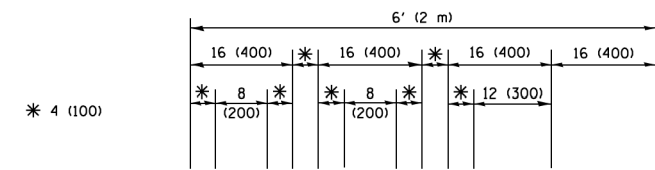
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

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

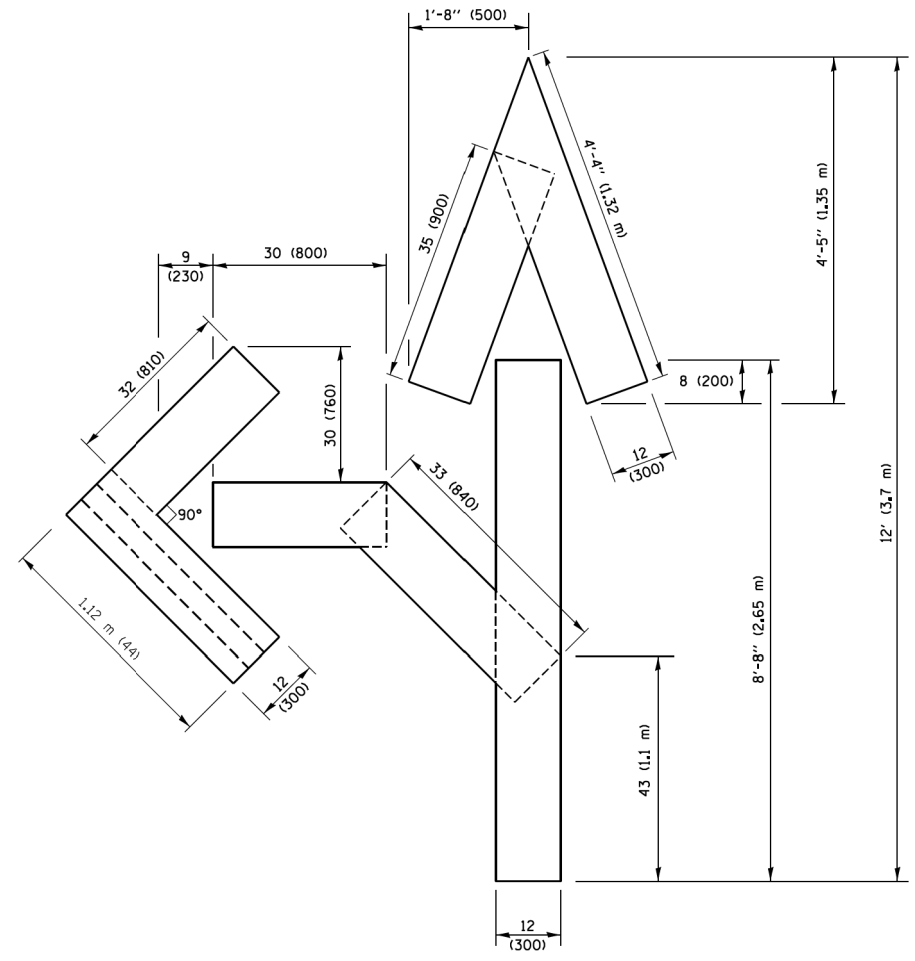
OR/CH RTE. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 40
TC-13		CONTRACT NO. 61F14	ILLINOIS FED. AID PROJECT	



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

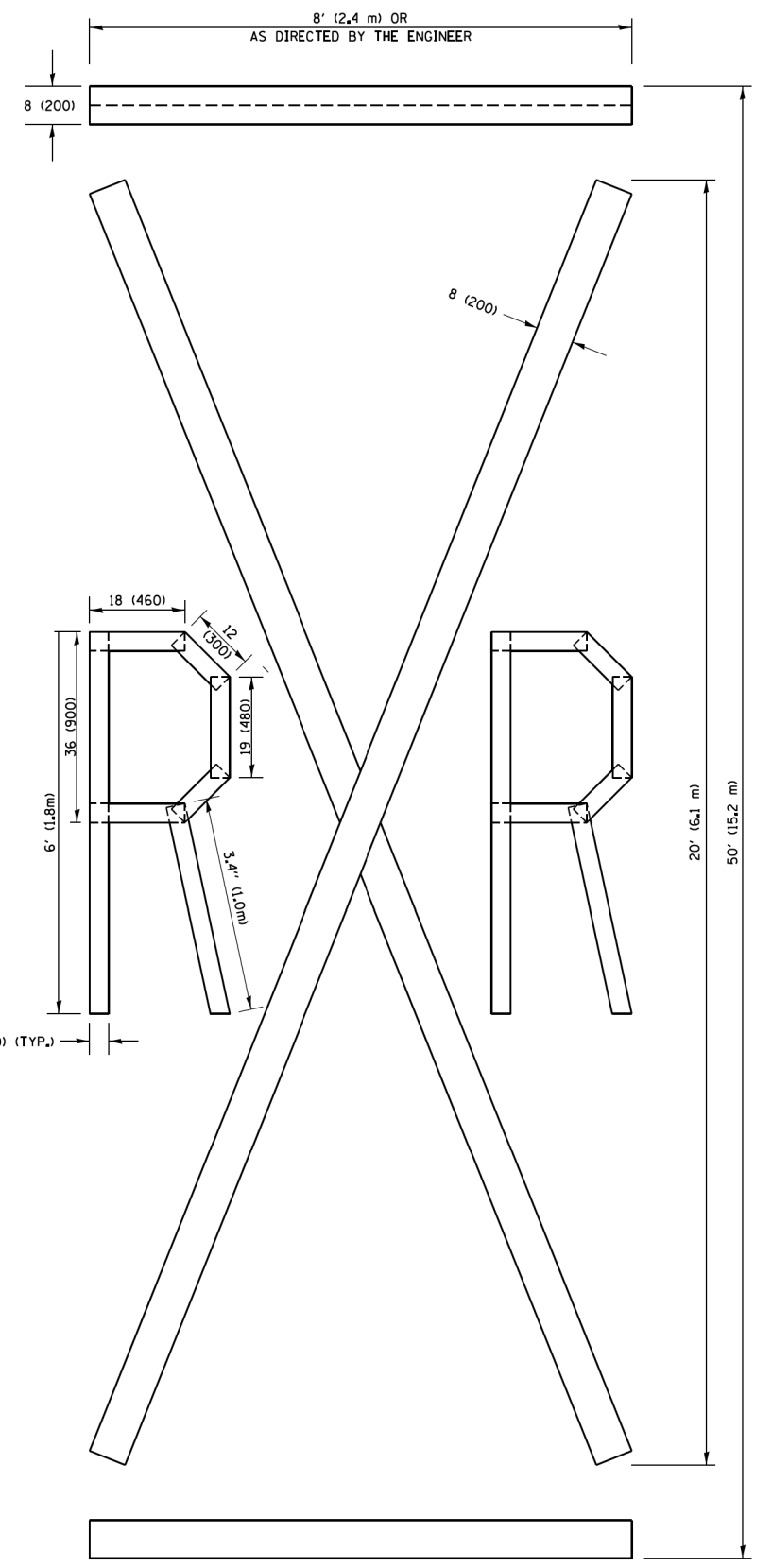


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

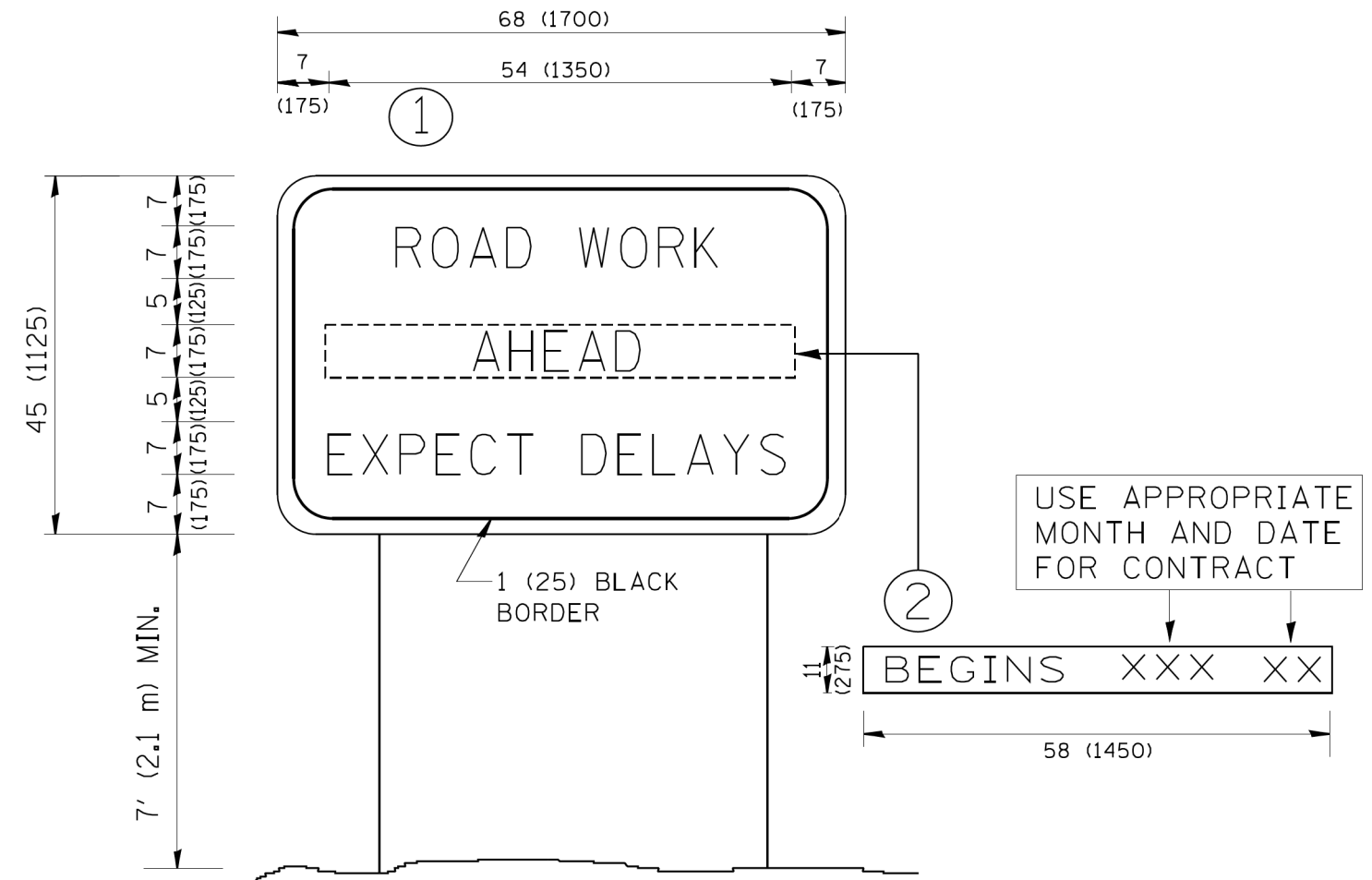
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw\1\084E81D\INTEG\illinois.gov\FWIDOT\Documents\JDOT_Offices\District 1\Projects\Dist 1\CADData\CADsheets\to16.dgn		DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50,0000 / 1 in.		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

OR/CH RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710/71	17-00103-00-R5	COOK	44	41
TC-16		CONTRACT NO. 61F14		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gegl.enobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

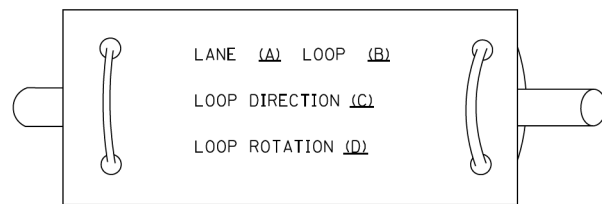
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OR/CH RTE. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 42
TC-22		CONTRACT NO. 61F14		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

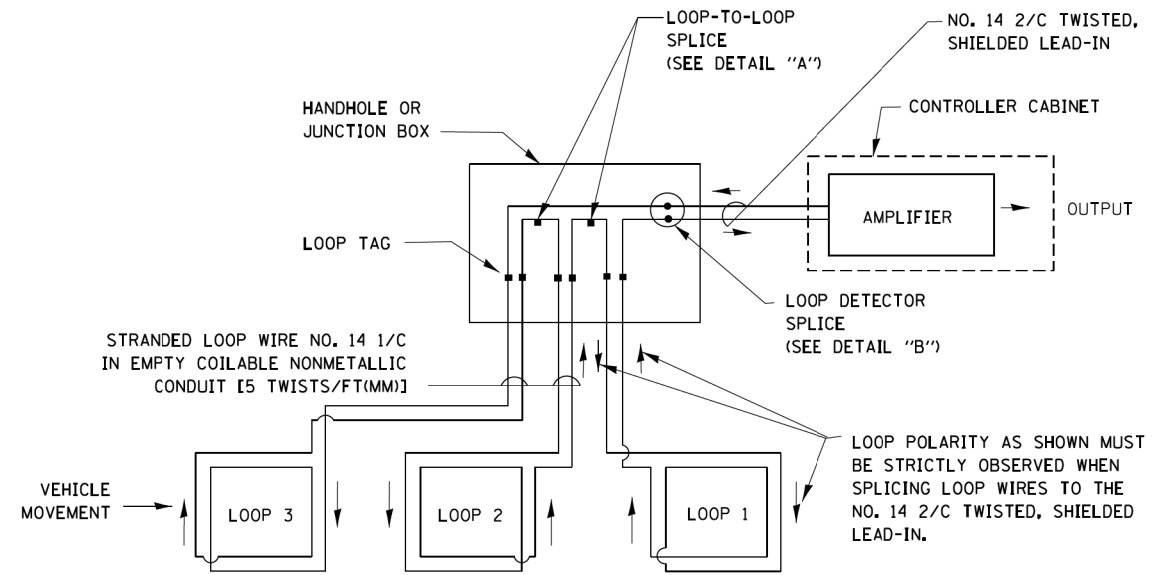
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

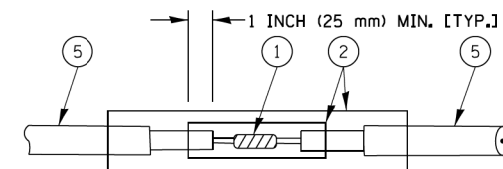


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

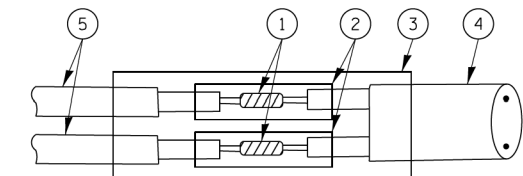


DETECTOR LOOP WIRING SCHEMATIC

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

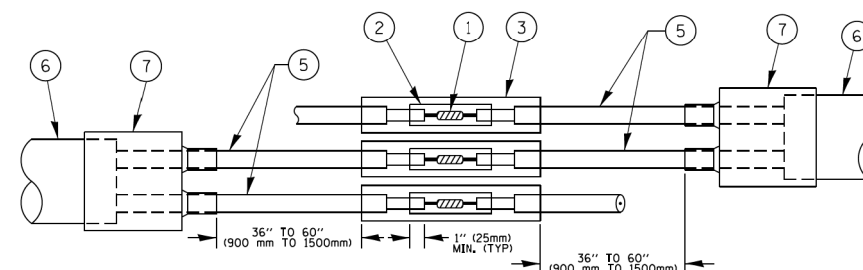


DETAIL "A"
LOOP-TO-LOOP SPLICE

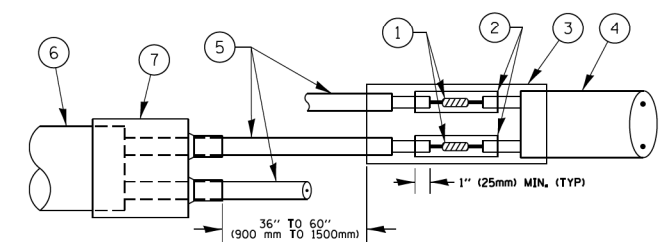


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

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

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			OR/CH RTE. 710/71	SECTION 17-00103-00-R5	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 43
ca:\pwork\pwork\footemj\d0108315\ts05.dgn	PLOT SCALE = 50.0000' / in.	DRAWN - BCK	REVISED -		SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA.	TO STA.	TS-05		CONTRACT NO. 61F14	
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 10-28-09	REVISED -									

