04-26-2019 LETTING ITEM 135

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 2567 (BLANCHARD STREET)
HAWKINS CIRCLE TO PRESIDENT STREET
FAU ROUTE 2569 (PRESIDENT STREET)
BLANCHARD STREET TO IL ROUTE 38 (ROOSEVELT ROAD)
RESURFACING, CURB AND SIDEWALK

SECTION: 18-00119-00-RS PROJECT: BDF3(494)

CITY OF WHEATON
DUPAGE COUNTY

JOB NO: C-91-146-18

PROJECT BEGINS

TENNY SONDR

PROJECT BEGINS

TENNY SONDR

MILTON TOWNSHIP

Cnow what's below.

Call before you dig.

BLANCHARD STREET

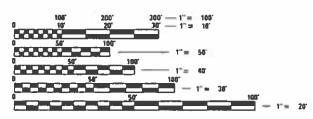
FOR INDEX OF SHEETS AND HIGHWAY STANDARDS

SEE SHEET 2

DESIGN DESIGNATION: MAJOR COLLECTOR SPEED LIMIT = 30 MPH
TRAFFIC = 10,500 ADT (2016)

PRESIDENT STREET

DESIGN DESIGNATION: MAJOR COLLECTOR SPEED LIMIT = 30 MPH
TRAFFIC = 7,500 ADT (2016)



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.

RAMOS,

OFFICE

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

OR 811

PROJECT MANAGER: JIM YURATOVAC

CONTRACT NO. 61F50

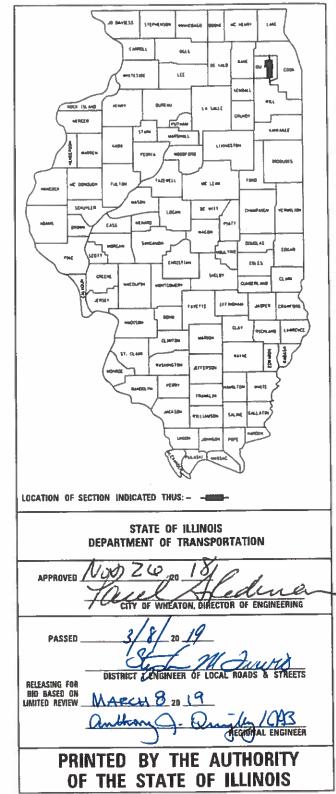
LOCATION MAP

BLANCHARD STREET/PRESIDENT STREET GROSS LENGTH = 7128 FT. = 1.35 MILES

BLANCHARD STREET/PRESIDENT STREET NET LENGTH = 7128 FT. = 1.35 MILES

thomas

F.A.U. SECTION COUNTY SHEETS NO.



PROFESSIONAL ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SUBMISSION WAS PREPARED UNDER MY PERSONAL DIRECTION. THIS TECHNICAL. SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS 26th DAY OF November 2018



INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6-12 ROADWAY PLANS
- 13-19 PAVEMENT MARKING PLANS
- 20-29 SIDEWALK PLANS
- 30 WHEATON DETAILS
- 31-37 DISTRICT ONE DETAILS

DISTRICT 1 DETAILS

- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- TC-13 TYPICAL PAVEMENT MARKINGS
- TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
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
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES:

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, APRIL 1, 2016 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS 2019.
- 2 ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, THEIR AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- 4 THE CONTRACTOR SHALL COORDINATE PAVING OPERATIONS FOR BOTH HIMA LEVEL BINDER AND SURFACE COURSES SO THAT THE LONGITUDINAL JOINTS ARE CLOSED AND COMPACTED AT THE END OF EACH DAY. PAVING OPERATIONS SHALL BE SCHEDULED SO THAT ADJACENT LANES ARE PAVED IN THE SAME DIRECTION AS THE INITIAL LANE MINIMIZING THE TIME THE EDGE OF A PAVEMENT MAT IS ALL OWED TO COOL
- THE CONTRACTOR SHALL USE 2 CHANGEABLE MESSAGE SIGNS AT LOCATIONS TO BE DETERMINED BY THE ENGINEER FOR A PERIOD FROM ONE WEEK PRIOR TO THE START OF CONSTRUCTION TO THE CONCLUSION OF THE PROJECT.
- THE CONTRACTOR SHALL ENSURE ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- 7 THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS, OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO THE USE OF WATER.
- 8 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMPING SITES. HE/SHE SHALL PROVIDE A LIST OF THESE SITES TO THE ENGINEER FOR HIS/HER EXAMINATION AND GENERAL INFORMATION.
- 9 ALL EXCESS MATERIAL (BROKEN CONCRETE, ASPHALT, CULVERT PIPE, WASTE ROADWAY EXCAVATION, AND SURPLUS MATERIALS FROM UTILITY TRENCHES) SHALL BE WASTED OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY
- ALL PROPERTY AND SURFACE STRUCTURES WITHIN THE RIGHT-OF-WAY SHALL BE PROTECTED DURING CONSTRUCTION OPERATIONS UNLESS THE ENGINEER DIRECTS REMOVAL FOR PURPOSES RELATED TO CONSTRUCTION UNDER THIS CONTRACT. ANY FENCES, POLES, FLAGSTONE, DECORATIVE STONE, SPECIAL LANDSCAPING, OR OTHER MAN MADE SURFACE IMPROVEMENT WHICH IS REMOVED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY HIM TO ITS ORIGINAL CONDITION AFTER THE CONSTRUCTION ACTIVITIES ARE COMPLETED.
- 11 ALL FRAMES, GRATES, LIDS, FIRE HYDRANTS, AND VALVE BOXES WHICH ARE REMOVED AND ARE TO BE ABANDONED SHALL REMAIN THE PROPERTY OF THE CITY OF WHEATON. UPON REMOVAL FROM THEIR WORKING LOCATIONS, THEY ARE TO BE STOCKPILED AT AN ON-SITE LOCATION DETERMINED BY THE ENGINEER WHERE THEY WILL BE PICKED UP BY CITY PERSONNEL AT THE CONCLUSION OF WORK ON THAT STREET.
- 12 WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO ACCEPT ALL STORM WATER THAT WILL BE DELIVERED BY THESE DRAINS AND BASINS AND SHALL DISCHARGE THE SAME. IF NECESSARY, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT AND TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF WATER WHICH IS RECEIVED FROM ALL TEMPORARY CONNECTIONS. THESE TEMPORARY FACILITIES SHALL BE MAINTAINED UNTIL ALL PERMANENT CONNECTIONS ARE COMPLETED.
- BEROSION AND SEDIMENT CONTROL MEASURES SHALL BE FOLLOWED WHEN EXISTING CURB AND GUTTER IS REMOVED AND EXISTING DRAINAGE STRUCTURES ARE TO REMAIN ACTIVE. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAIL PROVIDED IN THE CONTRACT DOCUMENTS.
- 14 THE THICKNESS OF THE HMA SHOWN ON THE PLANS IS NOMINAL. DEVIATIONS MAY OCCUR IN THE FIELD DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE UPON WHICH THE HMA IS BEING PLACED.
- THE LOCATIONS AND ELEVATIONS OF THE VARIOUS UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL EXERCISE CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR UTILITIES TO PREVENT DAMAGE. THE FAILURE OF A UTILITY COMPANY TO ACCURATELY LOCATE THEIR UTILITY DOES NOT FREE THE CONTRACTOR FROM RESPONSIBILITY. THE MAJOR CONCERN OF THE CITY OF WHEATON IS PUBLIC SAFETY.
- 16 THE CONTRACTOR SHALL COOPERATE WITH THE CITY IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY MAY WANT TO PERFORM DURING THE CONTRACTOR'S OPERATIONS.

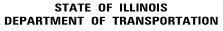
- THE CONTRACTOR SHALL HAVE LINE AND/OR FORMS SET A MINIMUM OF FOUR WORKING HOURS PRIOR TO THE SCHEDULED ARRIVAL OF CONCRETE ON SITE FOR THE PLACEMENT OF CURB AND GUTTER, DRIVEWAYS, AND SIDEWALK TO ALLOW THE ENGINEER TIME TO CHECK LINE AND GRADE.
- 18 ALL RADII FOR PROPOSED COMBINATION CONCRETE CURB AND GUTTER SHALL BE PLACED AT THE EXISTING DIMENSION UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS OR AS DIRECTED BY THE ENGINEER. ELEVATIONS SHOWN AT POINT ON THE CURB INDICATED FLOW LINE ELEVATIONS UNLESS NOTED OTHERWISE.
- 9 WHEN WATER SERVICE BOXES FALL WITHIN THE LIMITS OF CONCRETE FLATWORK, THE CONTRACTOR SHALL PROVIDE EITHER A SECTION OF 4" POLY VINYL CHLORIDE (PVC) PIPE OR 4" HIGH DESITY POLYETHYLENE (HDPE) PIPE TO SLEEVE THE BOX. THE SLEEVE SHALL EITHER BE REMOVED OR TRIMMED TO MATCH THE FINISHED CONCRETE GRADE LEVEL. THE FINAL RESULT SHALL BE A SMOOTH FINISHED "BOX-OUT" AROUND THE SERVICE BOX WHICH SHALL FACILITATE EASY REMOVAL OF THE CAP AT MEET THE FINISHED GRADE. ALL WATER SERVICE BOXES WITHIN PAVEMENT RESURFACING SHALL BE ADJUSTED TO MEET THE FINISHED GRADE LEVEL.
- WHEN A SEWER STRUCTURE FALLS WITHIN THE LIMITS OF A CONCRETE DRIVEWAY, THE CONTRACTOR SHALL PLACE EXPANSION MATERIAL IN A BOX APPROXIMATELY EIGHTEEN (18") INCHES FROM THE CENTER OF THE LID FORMING A SQUARE "BOX-OUT" AROUND THE FRAME. THE RESULT SHALL BE A CONDITION THAT WILL ALLOW FOR THE REMOVAL OF THE SQUARE OF CONCRETE FROM THE DRIVEWAY FOR THE PURPOSE OF REPLACING THE FRAME WITHOUT DAMAGING THE REMAINDER OF THE DRIVEWAY PAVEMENT.
- 21 ALL CONSTRUCTION PERSONNEL SHALL BE REQUIRED TO WEAR AN ANSI/ISEA 107-2015 COMPLIANT SAFETY VEST AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.
- 22 WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- 23 BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD THE LOCATIONS OF ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE REESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 24 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 25 THE CONTRACTOR SHALL PROVIDE SAFE AND ORDERLY PASSAGE FOR TRAFFIC AND PEDESTRIANS WHERE CONSTRUCTION OPERATIONS IMPACT PUBLIC THOROUGHFARES AND ADJACENT PROPERTY. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- ALL SIDEWALK CURB RAMPS SHALL BE COMPLIANT WITH ALL APPLICABLE ADA STANDARDS AND INCLUDED DETAILS. INDIVIDUAL DESIGN DETAILS HAVE BEEN PROVIDED FOR ALL LOCATIONS WITH AN EXISTING SLOPE OVER 5%.
- 27 A NOMINAL QUANTITY HAS BEEN INCLUDED FOR THE FOLLOWING PAY ITEMS:
 - EARTH EXCAVATION
 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 - AGGREGATE SUBGRADE IMPROVEMENT
 - CLASS D PATCHES
- ALL UTILITY STRUCTURES SHALL REMAIN ACCESSIBLE DURING CONSTRUCTION. WHEN UTILITY STRUCTURES ARE TO BE ADJUSTED UNDER TRAFFIC, TEMPORARY RAMPS SHALL BE CONSTRUCTED AND MAINTAINED AT BOTH UPSTREAM AND DOWNSTREAM ENDS OF THE UTILITY CASTING IN ACCORDANCE WITH ARTICLE 406.08.

GENERAL NOTES - SEWERS:

- 29 ALL FRAMES WITH CLOSED LIDS BEING FURNISHED FOR THIS PROJECT AS CONSTRUCTION,
 ADJUSTMENT, OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, OR WATER VALVE VAULT
 SHALL HAVE CAST INTO THE LID ONE OR MORE OF THE FOLLOWING WORDS:
 - "STORM" FOR STORM SEWER MANHOLE LIDS
 - "SANITARY" FOR SANITARY MANHOLE LIDS
 - "WATER" FOR WATER SYSTEM STRUCTURE LIDS
 - "FISH" SYMBOL DIRECTLY ON THE CURB BACK FOR CURB INLET FRAMES
- 30 IF AT ANY TIME DURING THE CONSTRUCTION OF THIS PROJECT LOOSE MATERIAL IS DEPOSITED INTO THE FLOW LINE OF A SEWER STRUCTURE IN SUCH A WAY AS TO RESTRICT OR OBSTRUCT THE NATURAL FLOW OF WATER IN THE STRUCTURE, THE MATERIAL SHALL BE REMOVED BEFORE THE CLOSE OF THE WORKING DAY DURING WHICH IT WAS DEPOSITED. AT THE CONCLUSION OF CONSTRUCTION ACTIVITIES, AND BEFORE THE ENGINEER ACCEPTS THE PROJECT, ALL SEWERS AND SEWER STRUCTURES THAT FALL WITHIN THE LIMITS OF THE PROJECT SHALL BE FREE OF CONSTRUCTION DEBRIS AND LOOSE MATERIAL.



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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QTY. CONSTR. CODE 0005 STU 70/30
20101200	TREE ROOT PRUNING	EACH	10
20200100	EARTH EXCAVATION	CUYD	20
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CUYD	20
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQYD	524
25200110	SODDING, SALT TOLERANT	SQYD	524
25200200	SUPPLEMENTAL WATERING	UNIT	17
28000510	INLET FILTERS	EACH	61
28001100	TEMPORARY EROSION CONTROL BLANKET	SQYD	572
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CUYD	20
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	20171
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	15
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1673
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQYD	386
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3347
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11097
42400800	DETECTABLE WARNINGS	SQ FT	642
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQYD	29882
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1906

CODE NO.	ITEM	UNIT	TOTAL QTY. CONSTR. COI 0005 STU 70/30
44000600	SIDEWALK REMOVAL	SQ FT	11239
44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQYD	149
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQYD	299
44201733	CLASS D PATCHES, TYPE III. 7 INCH	SQYD	448
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQYD	598
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	8
60255500	MANHOLES TO BE ADJUSTED	EACH	6
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	16
60260600	INLETS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	1
6026130Ö	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	3
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1893
67100100	MOBILIZATION	L SUM	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	130
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6218

* SPECIALTY ITEMS



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SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QTY. CONSTR. CODE 0005 STU 70/30
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQFT	2052
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQFT	484
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	18852
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1202
ŧ	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	264
K	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1348
ĸ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	81
	Z0019600	DUST CONTROL WATERING	UNIT	18
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1
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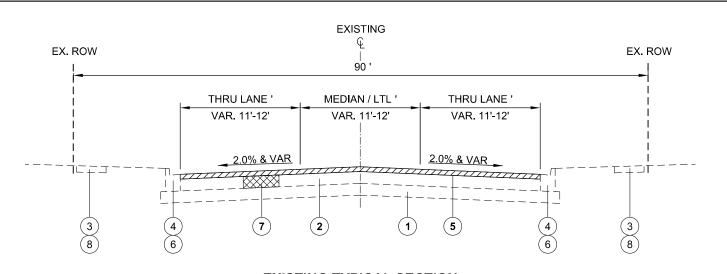
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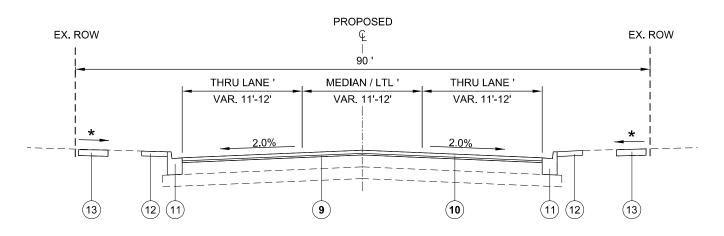
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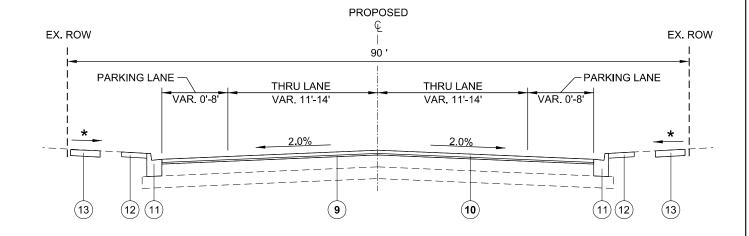
EXISTING TYPICAL SECTION

BLANCHARD STREET STA. 11+85 TO STA. 37+00 PRESIDENT STREET STA. 37+00 TO STA. 56+69



PRESIDENT STREET STA. 56+69 TO STA. 81+00





PROPOSED TYPICAL SECTION

BLANCHARD STREET STA. 11+85 TO STA. 37+00 PRESIDENT STREET STA. 37+00 TO STA. 56+69

HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
MIXTURE TYPE	AIR VOIDS @ Ndes				
ROADWAY RESURFACING					
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 Gyr.				
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3.5% @					
CLASS D PATCHING					
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 Gyr.				

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

LEGEND

- 1) EX SUB-BASE GRAN MATL, THICKNESS VARIES
- 2 EX HMA PAVEMENT, 13"
- (3) EX PCC SIDEWALK
- (4) EX COMB. CONC. CURB AND GUTTER
- (5) HMA SURFACE REMOVAL, 3"
- 6) COMB. CURB AND GUTTER REMOVAL (SEE NOTE 1)
- (7) PR CLASS D PATCHES, 7" (SEE NOTE 1)
- (8) PR SIDEWALK REMOVAL (SEE NOTE 1)
- (9) PR. POLY. LEVELING BINDER (MM), IL-4.75, N50, 1"
- (10) PR. HMA SURFACE CRS, MIX "D", N70, 2"
- PR COMB CONC CURB AND GUTTER, TY B-6.12 (SEE NOTE 1)

SCALE:

- PR SODDING, SALT TOLERANT AND TOPSOIL FURNISH
- AND PLACE, 4" (SEE NOTE 1)
- 13) PR. P.C.C. SIDEWALK, 5" (SEE NOTE 1)

PROPOSED TYPICAL SECTION

PRESIDENT STREET STA. 56+69 TO STA. 81+00

LEGEND



REMOVAL ITEMS

NOTES:

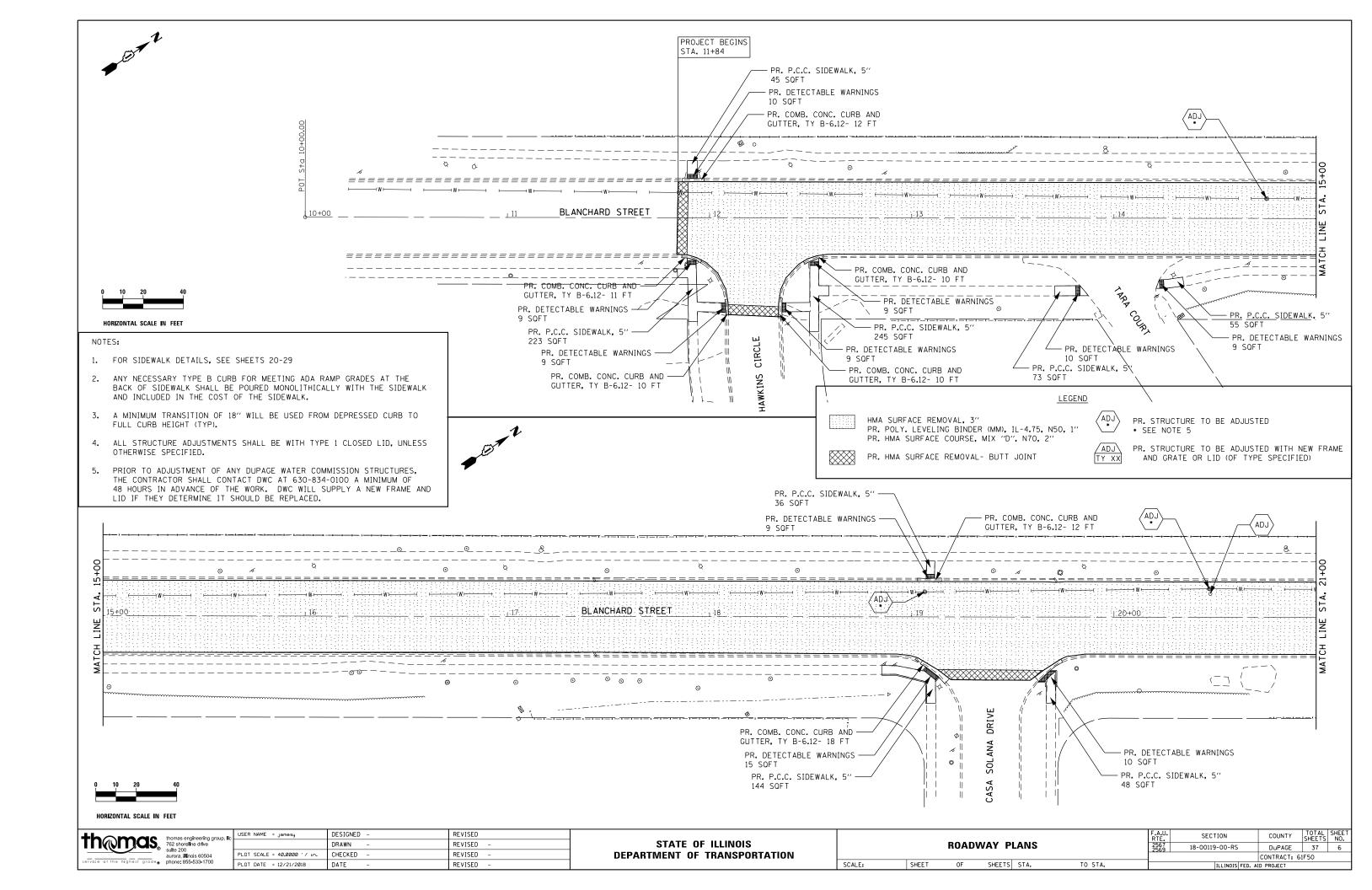
- 1. LOCATIONS WILL BE SPECIFIED BY THE ENGINEER IN THE FIELD DURING CONSTRUCTION
- 2. PR AGG BASE COURSE IS INCLUDED IN THE PCC SIDEWALK PAY ITEM. SEE PROJECT SPECIFICATIONS FOR DETAILS.
- * 1.5% DESIRABLE, 2% MAXIMUM

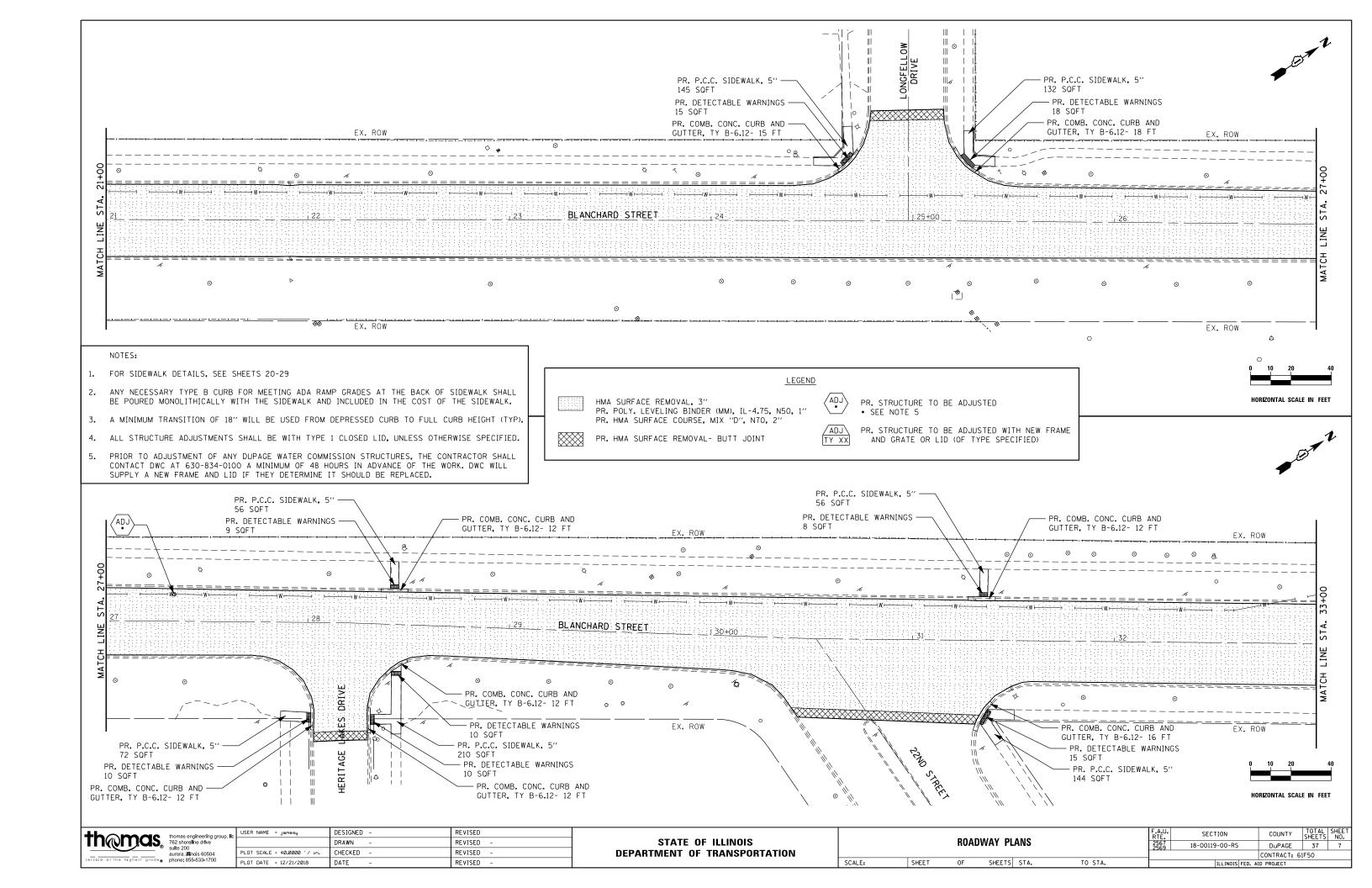


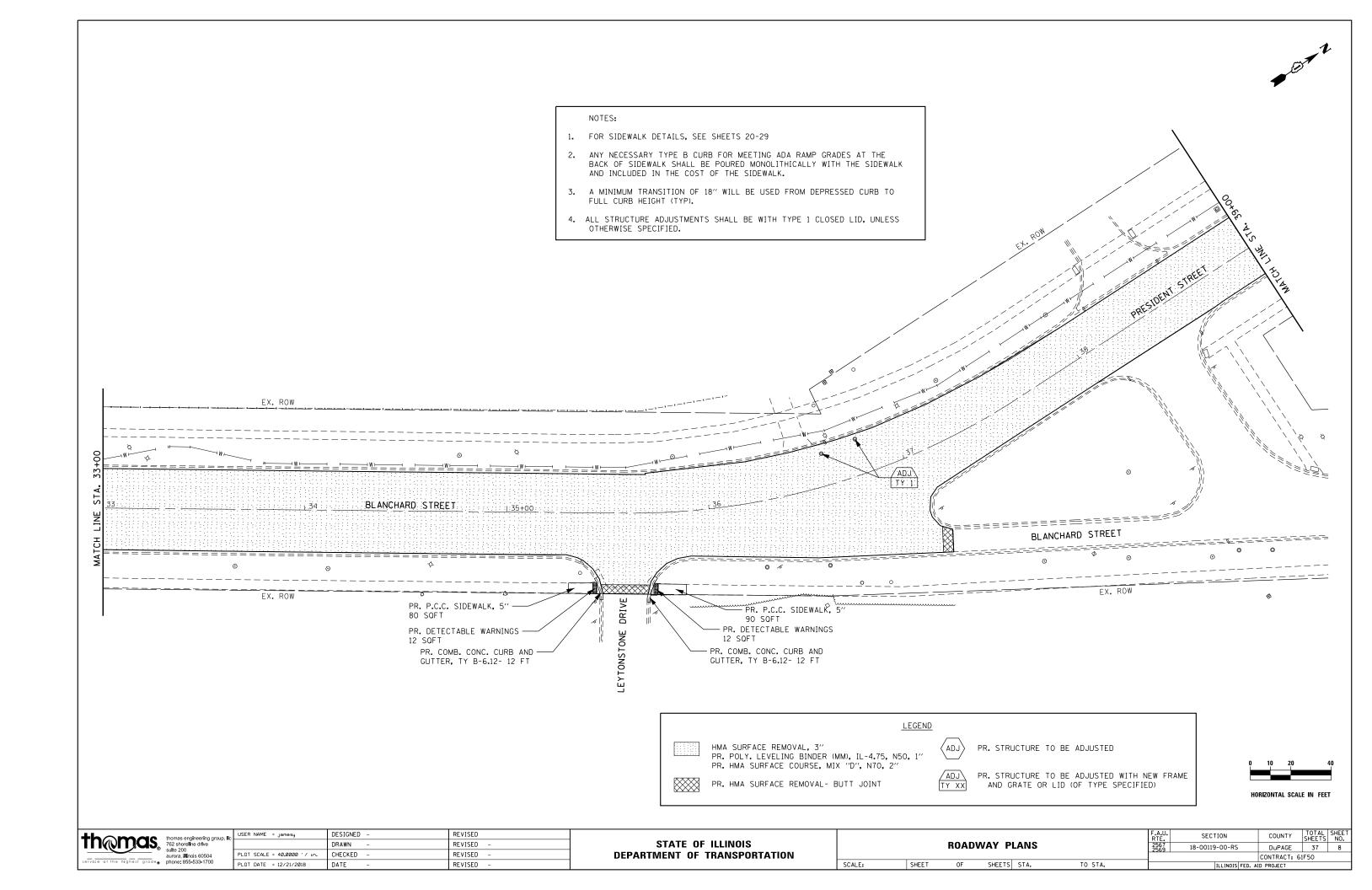
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

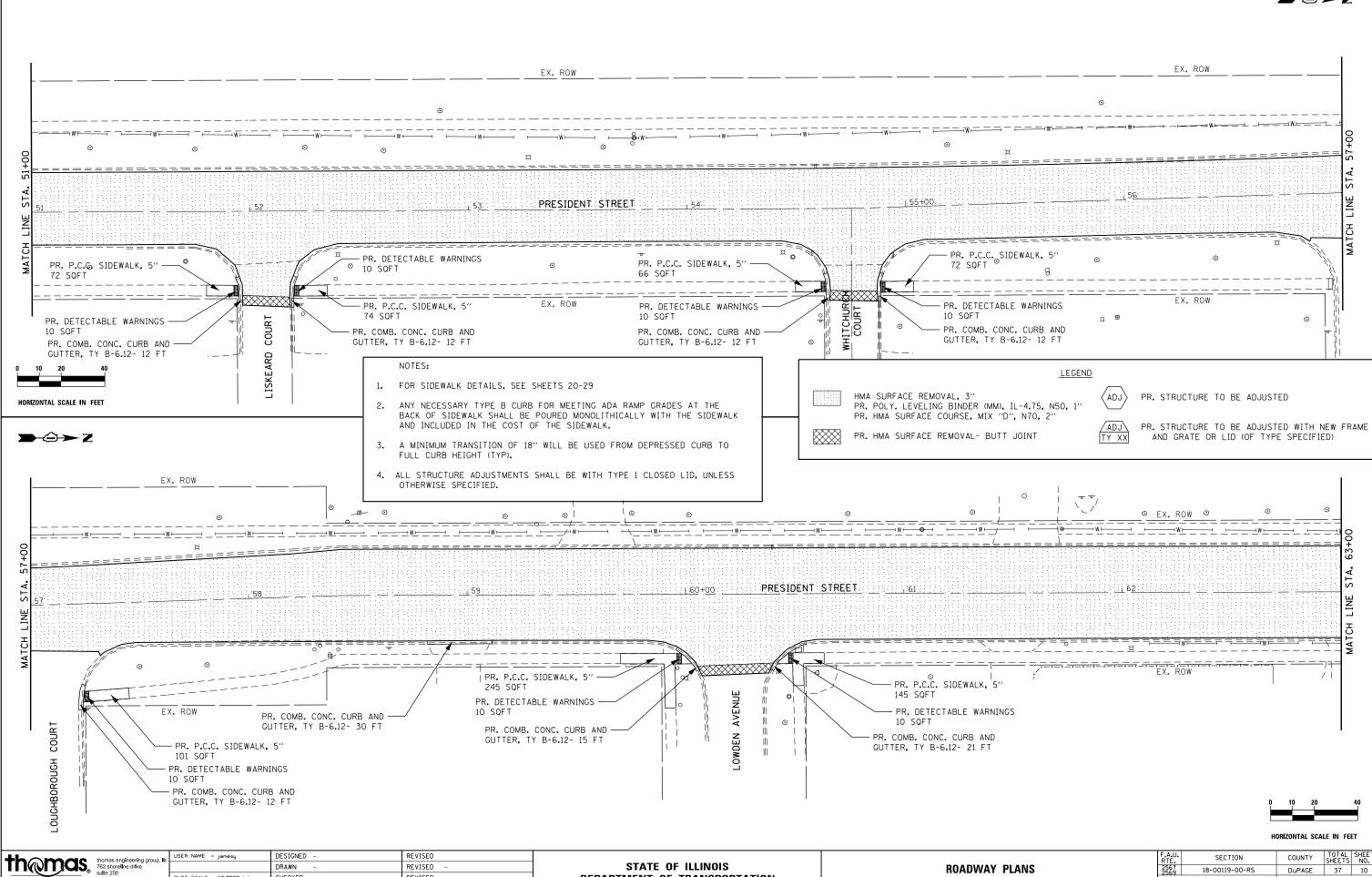
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DEPARTMENT OF TRANSPORTATION

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TO STA.

aurora, illinois 60504 phone: 855-533-1700

PLOT SCALE = 40.0000 '/ in.

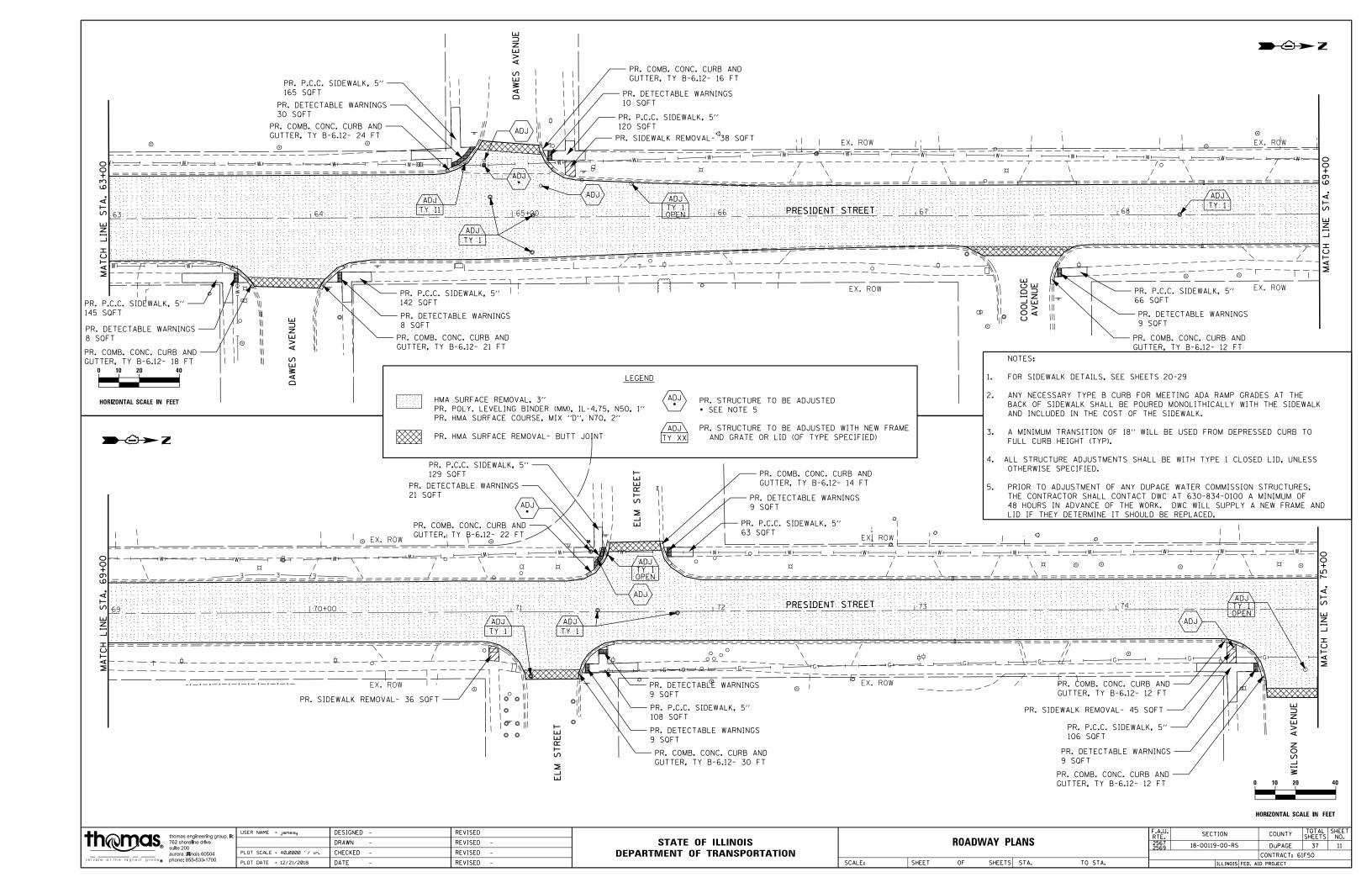
PLOT DATE = 12/21/2018

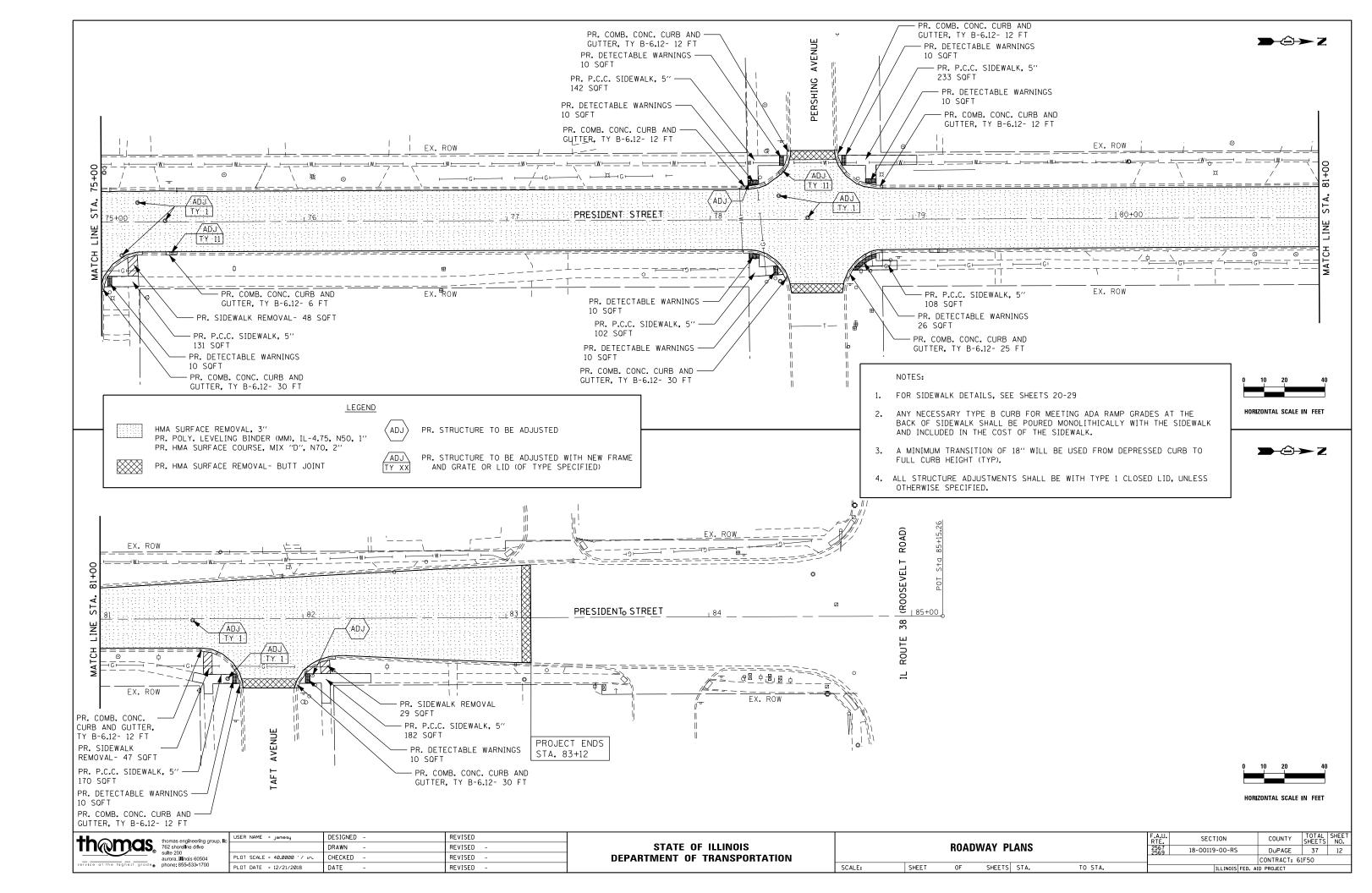
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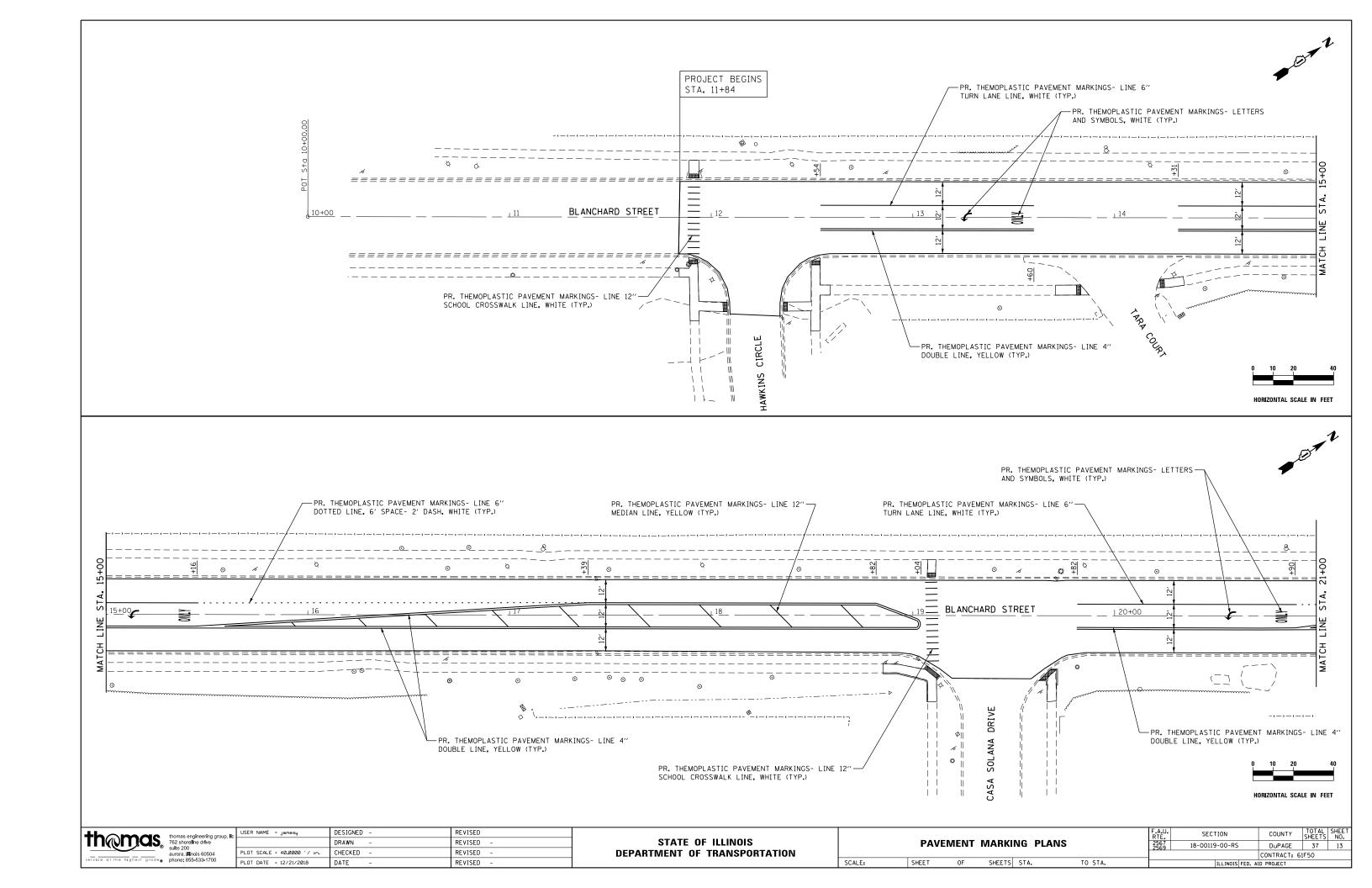
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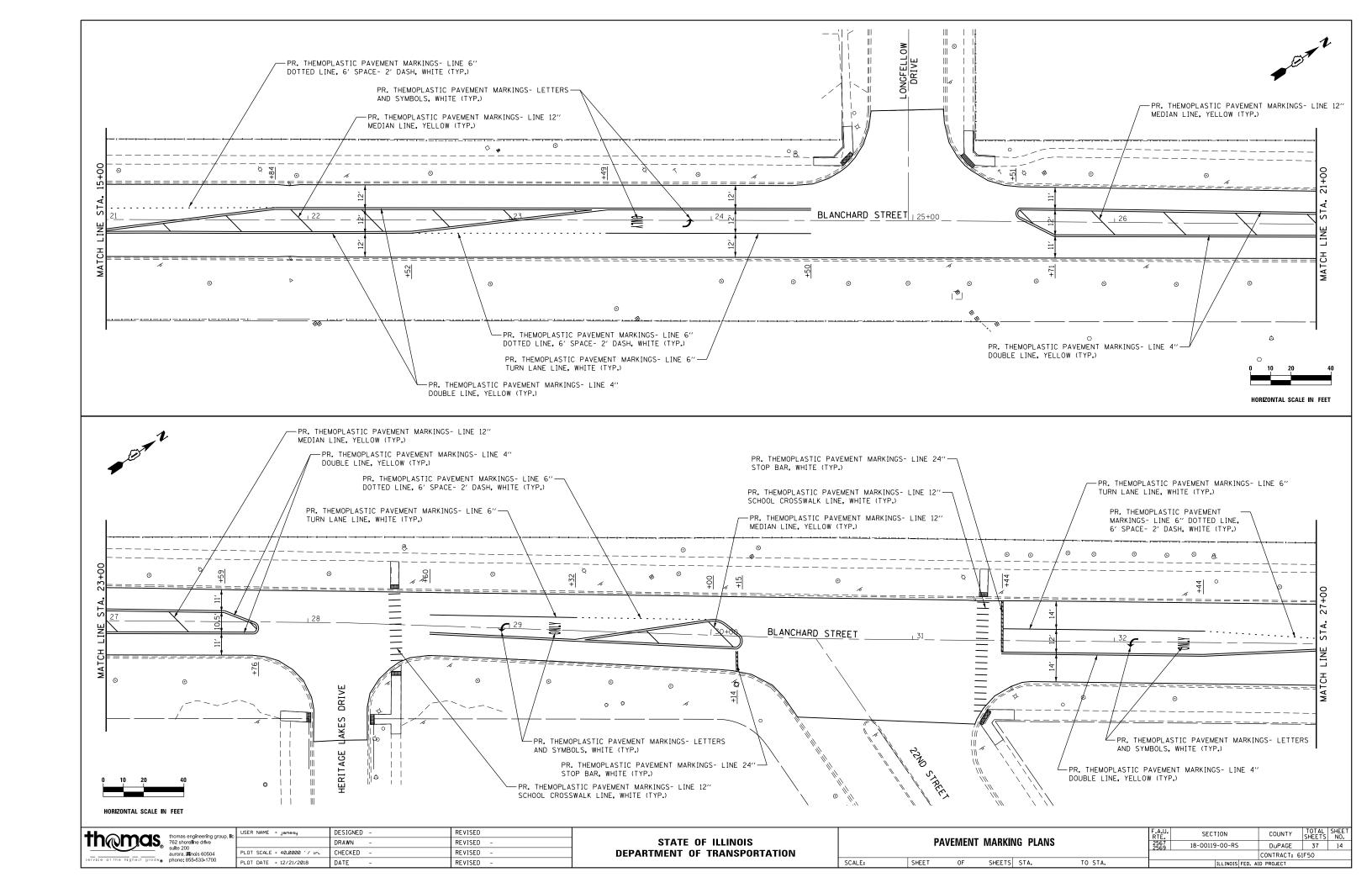
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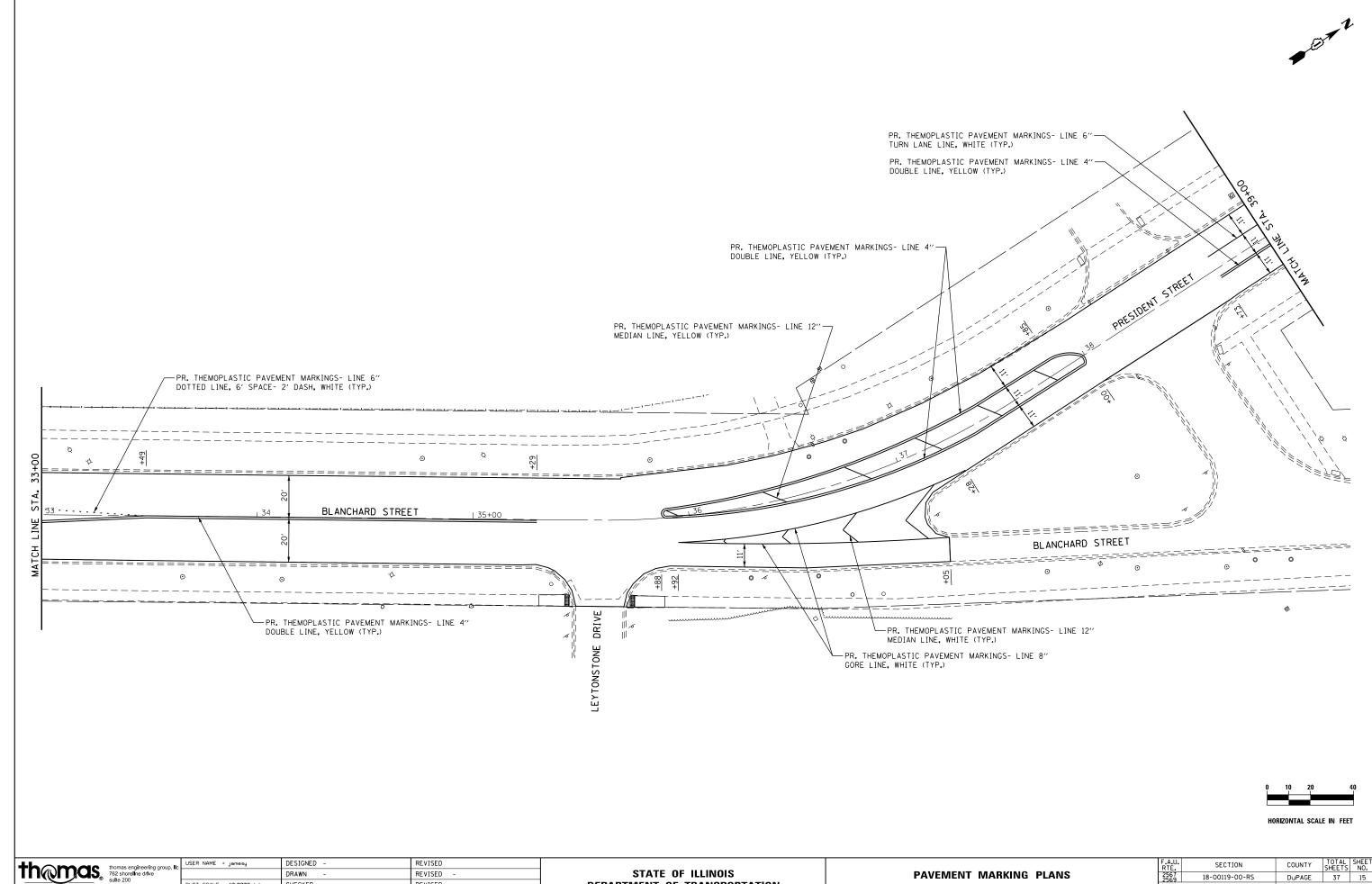
REVISED





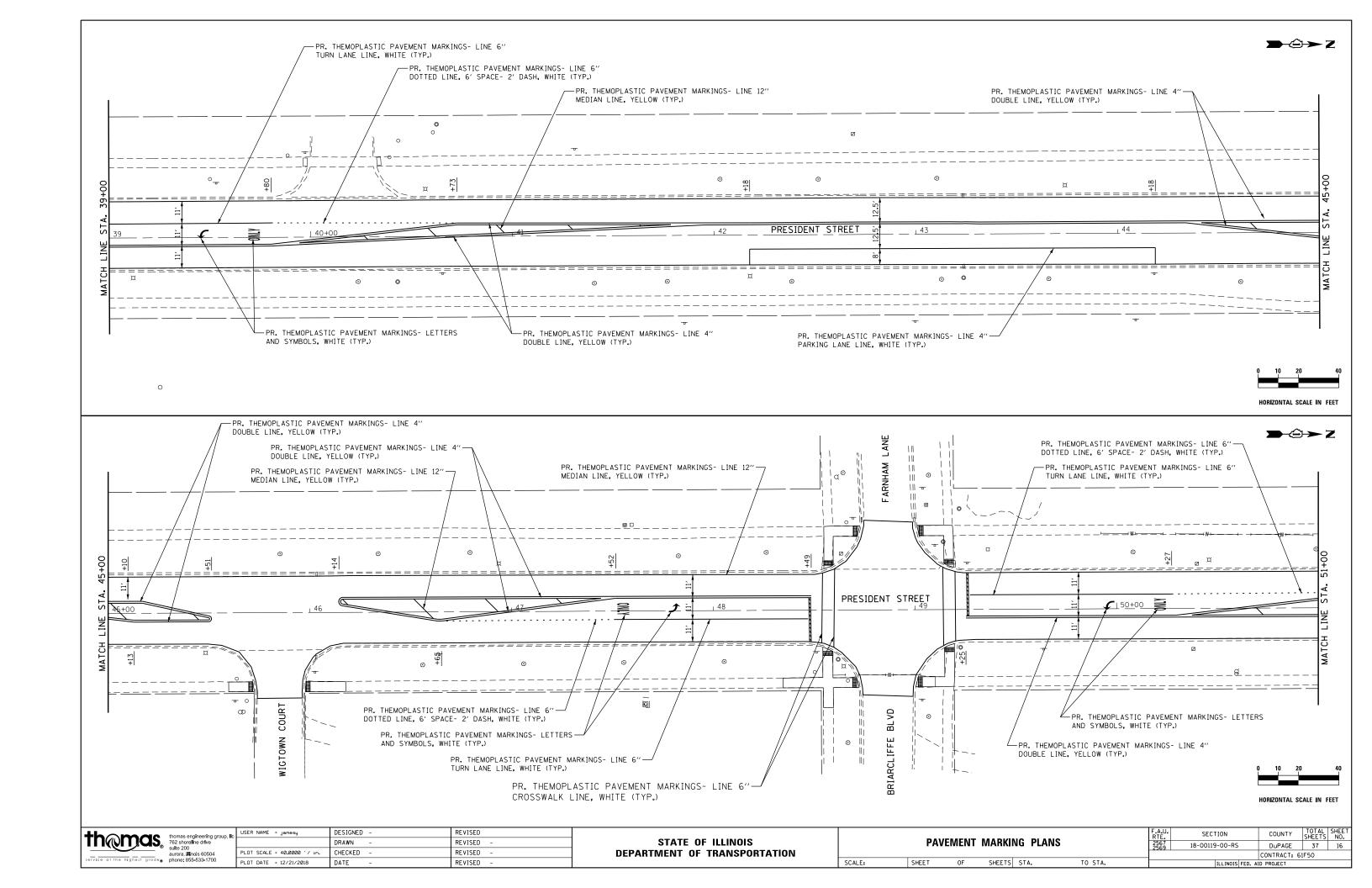


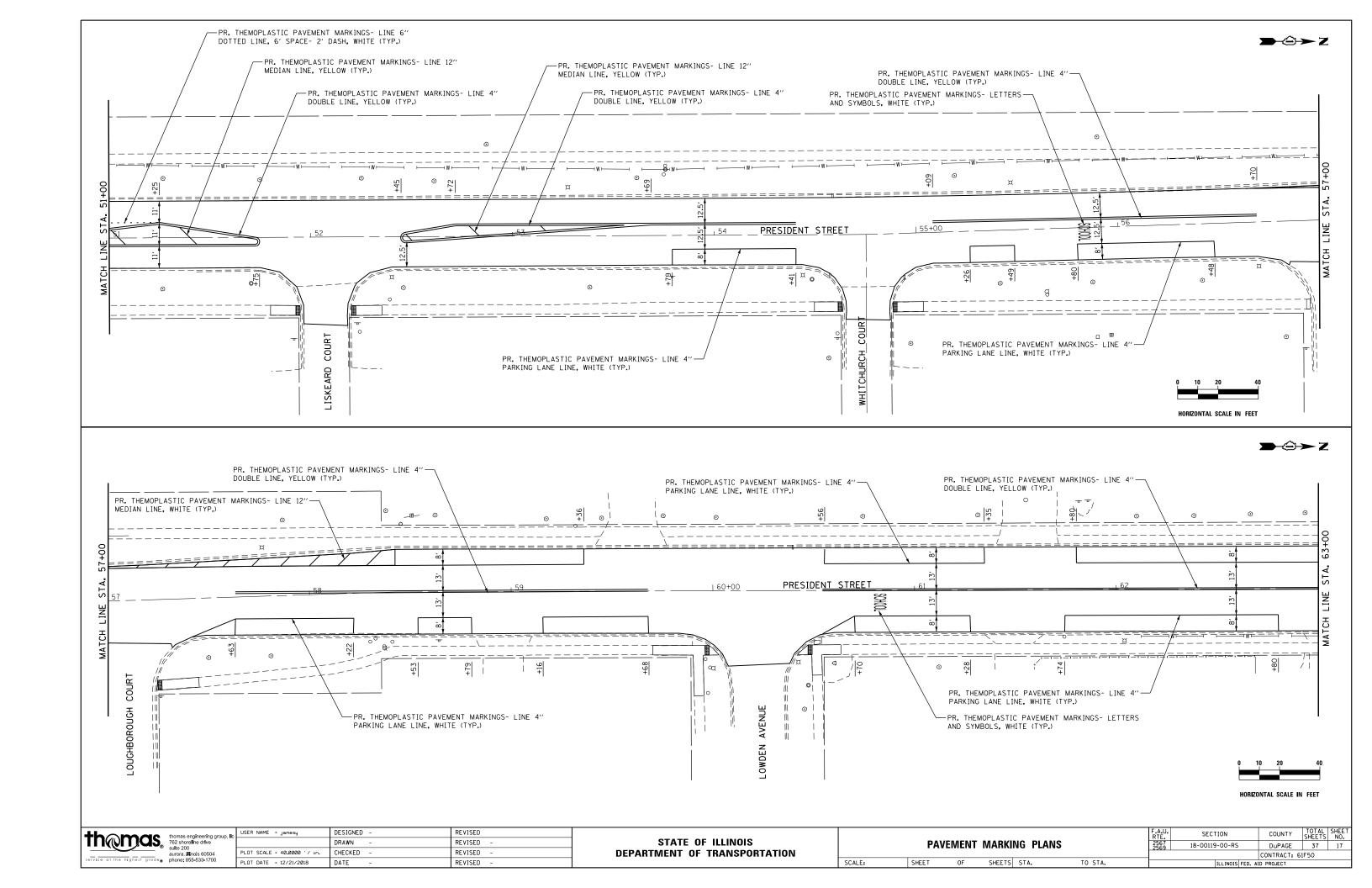


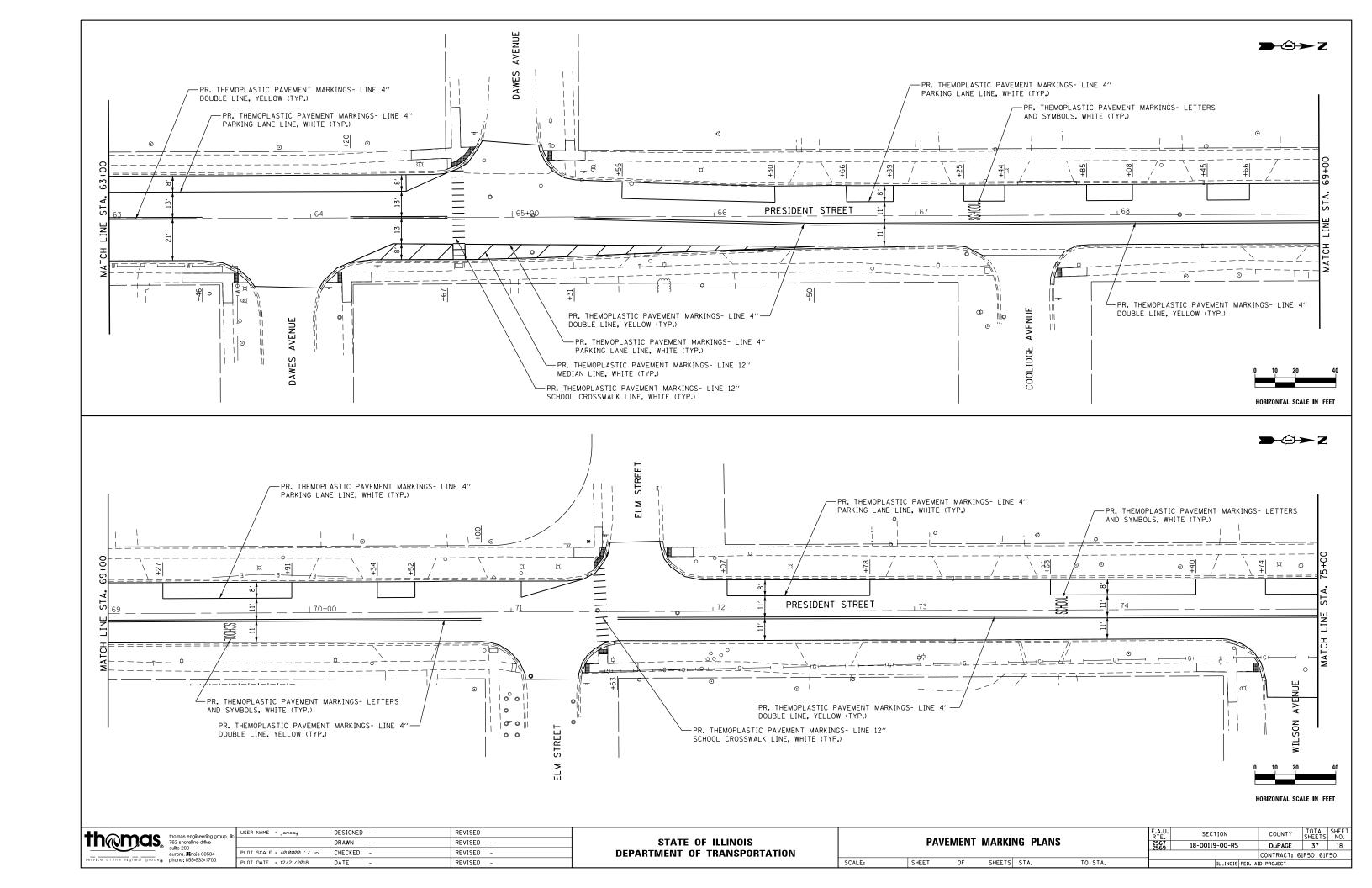


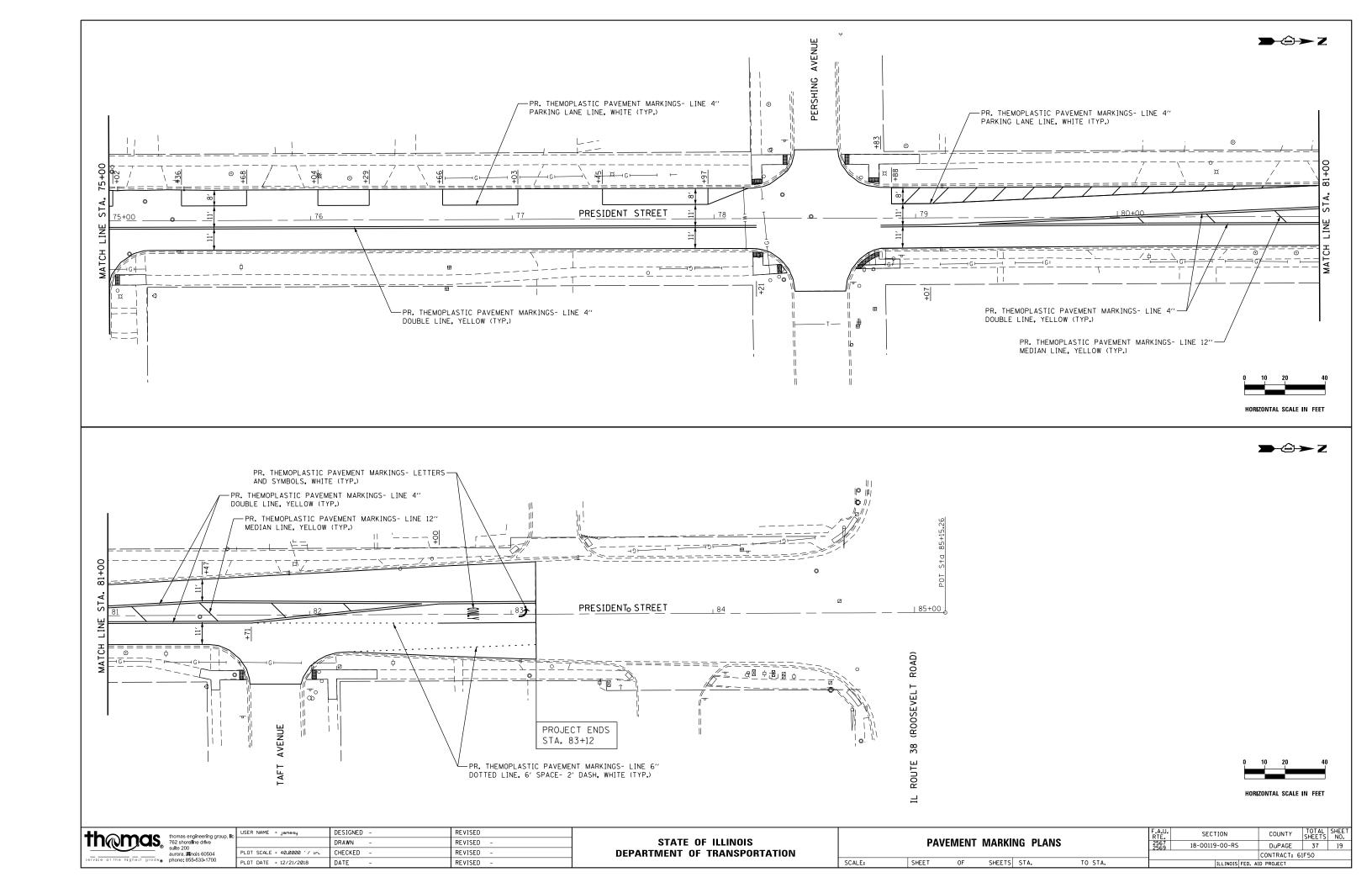
thomas engineering group, lk 762 shorelline drive suite 200 aurora; illinois 60504 phone: 855-533-1700 STATE OF ILLINOIS REVISED **PAVEMENT MARKING PLANS** 18-00119-00-RS PLOT SCALE = 40.0000 '/ in. CHECKED -REVISED **DEPARTMENT OF TRANSPORTATION** PLOT DATE = 12/21/2018 REVISED SCALE: SHEET OF SHEETS STA. TO STA. DATE

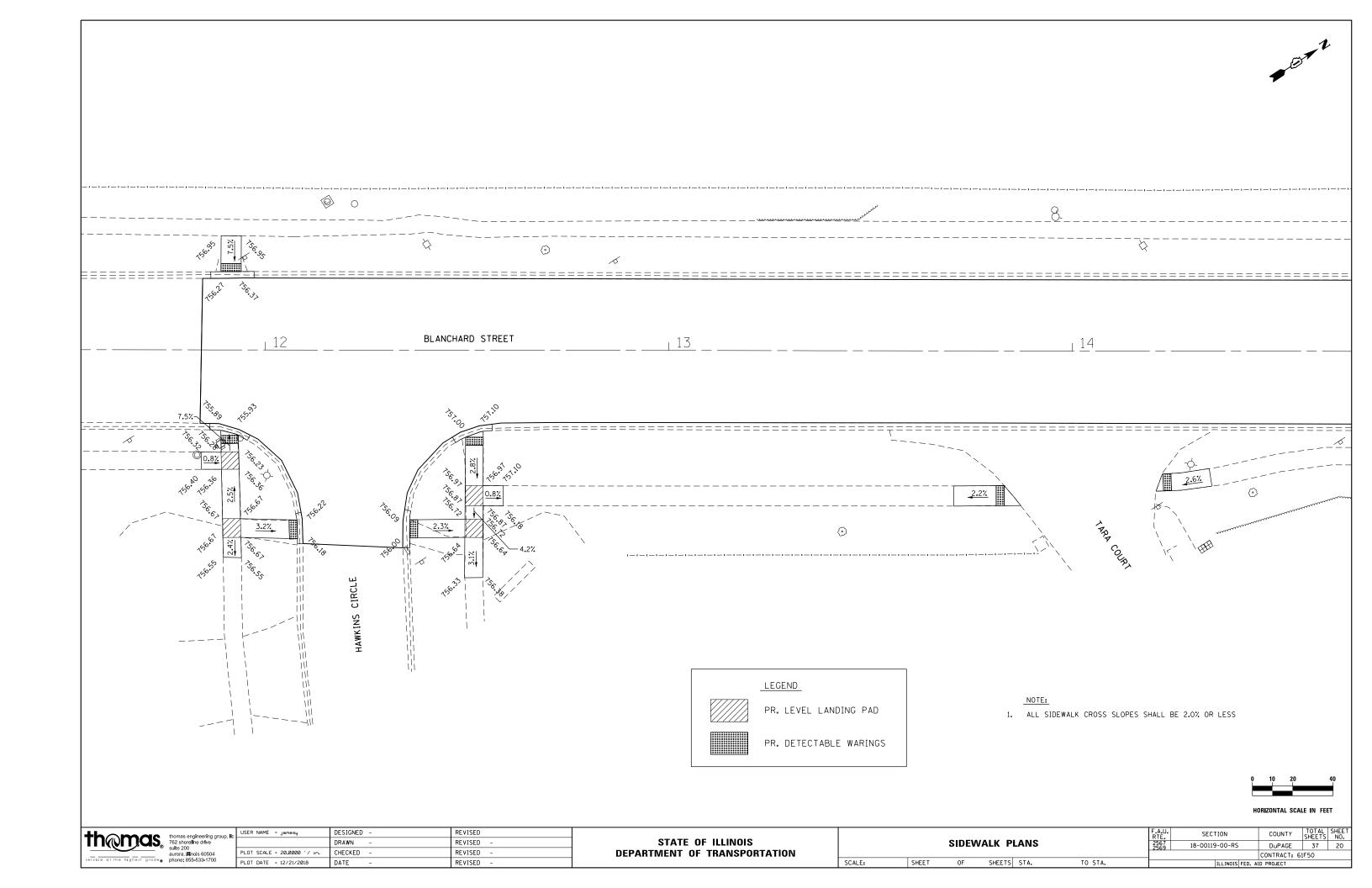
CONTRACT: 61F50

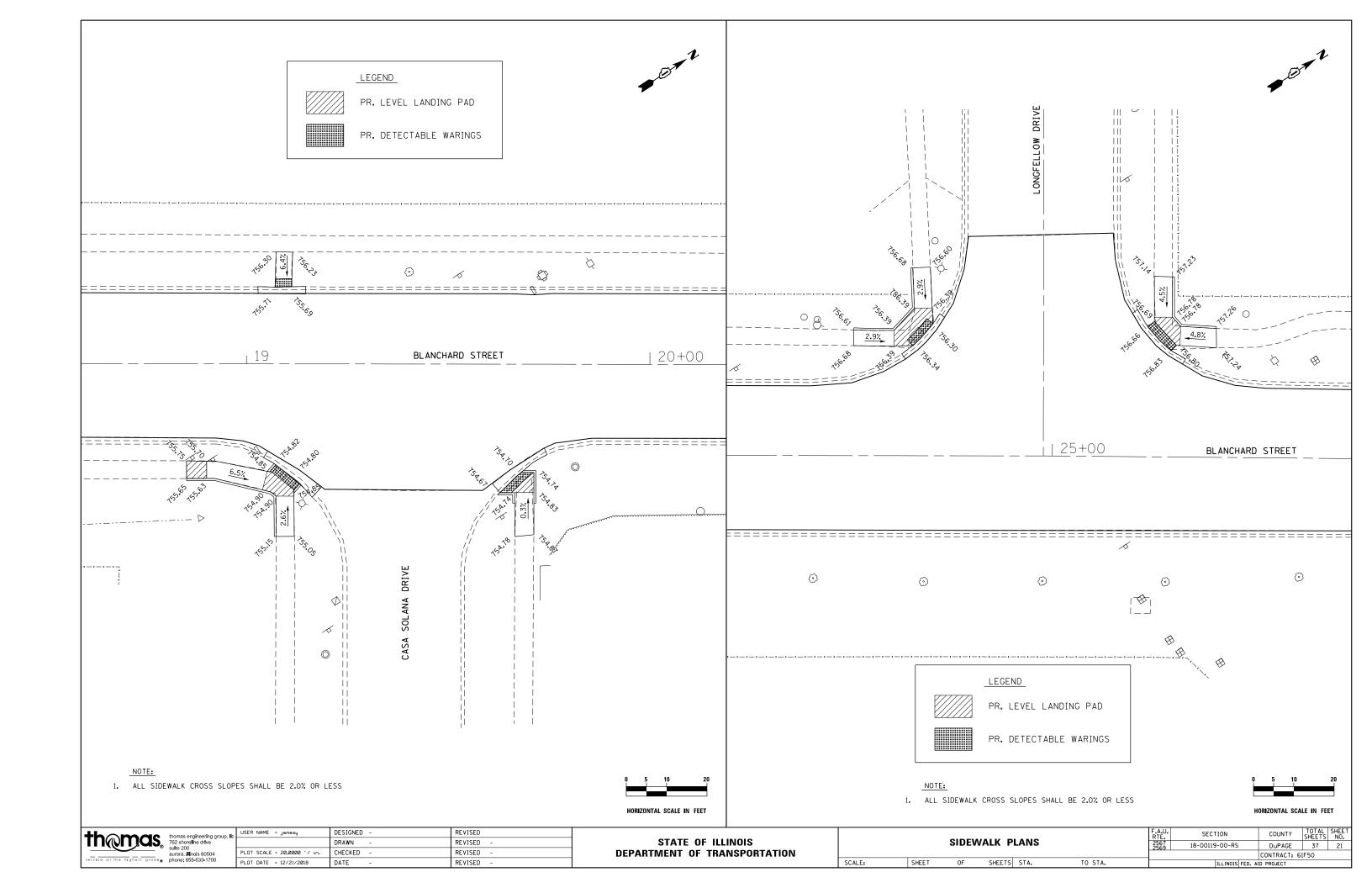


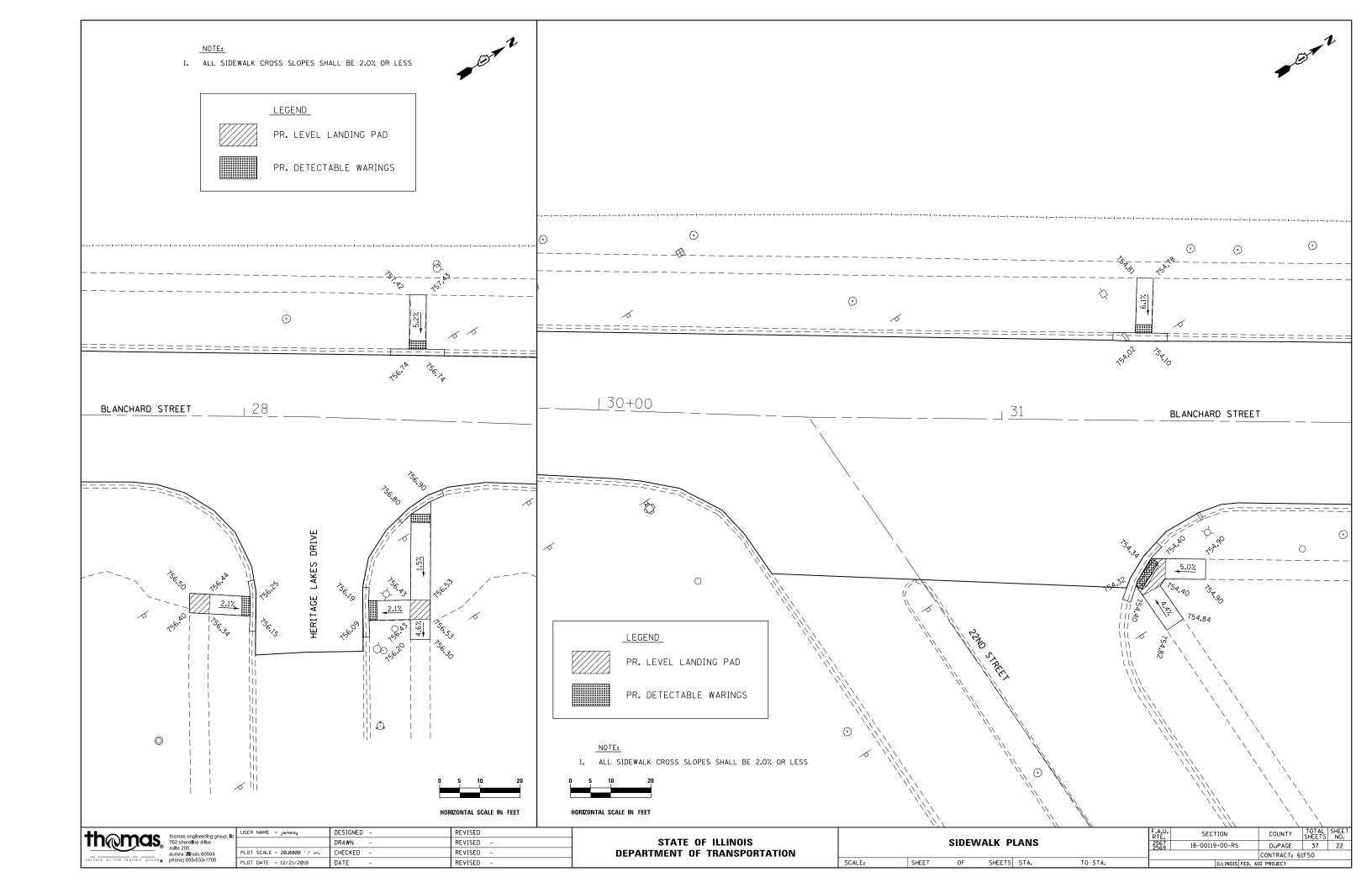


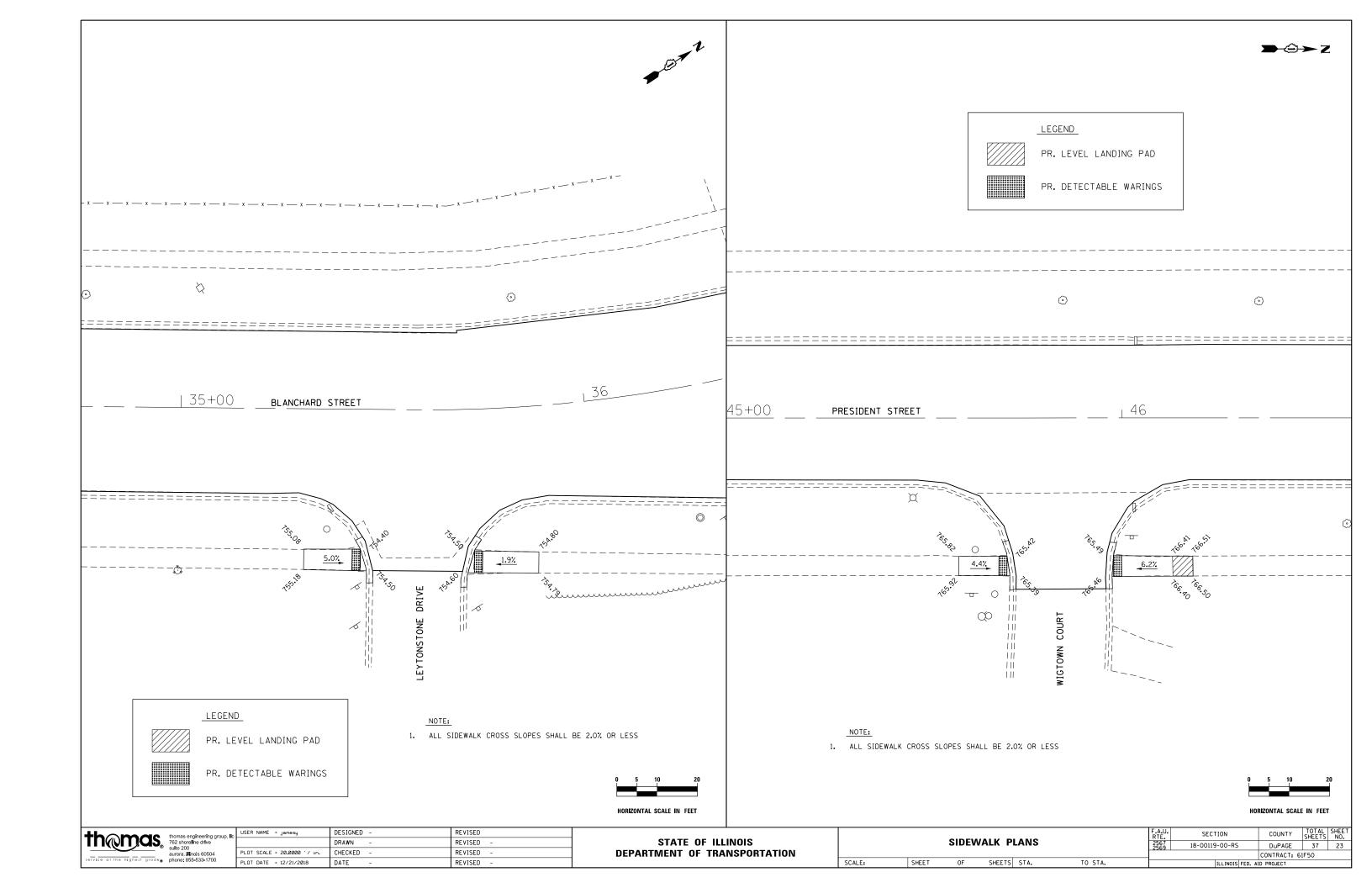


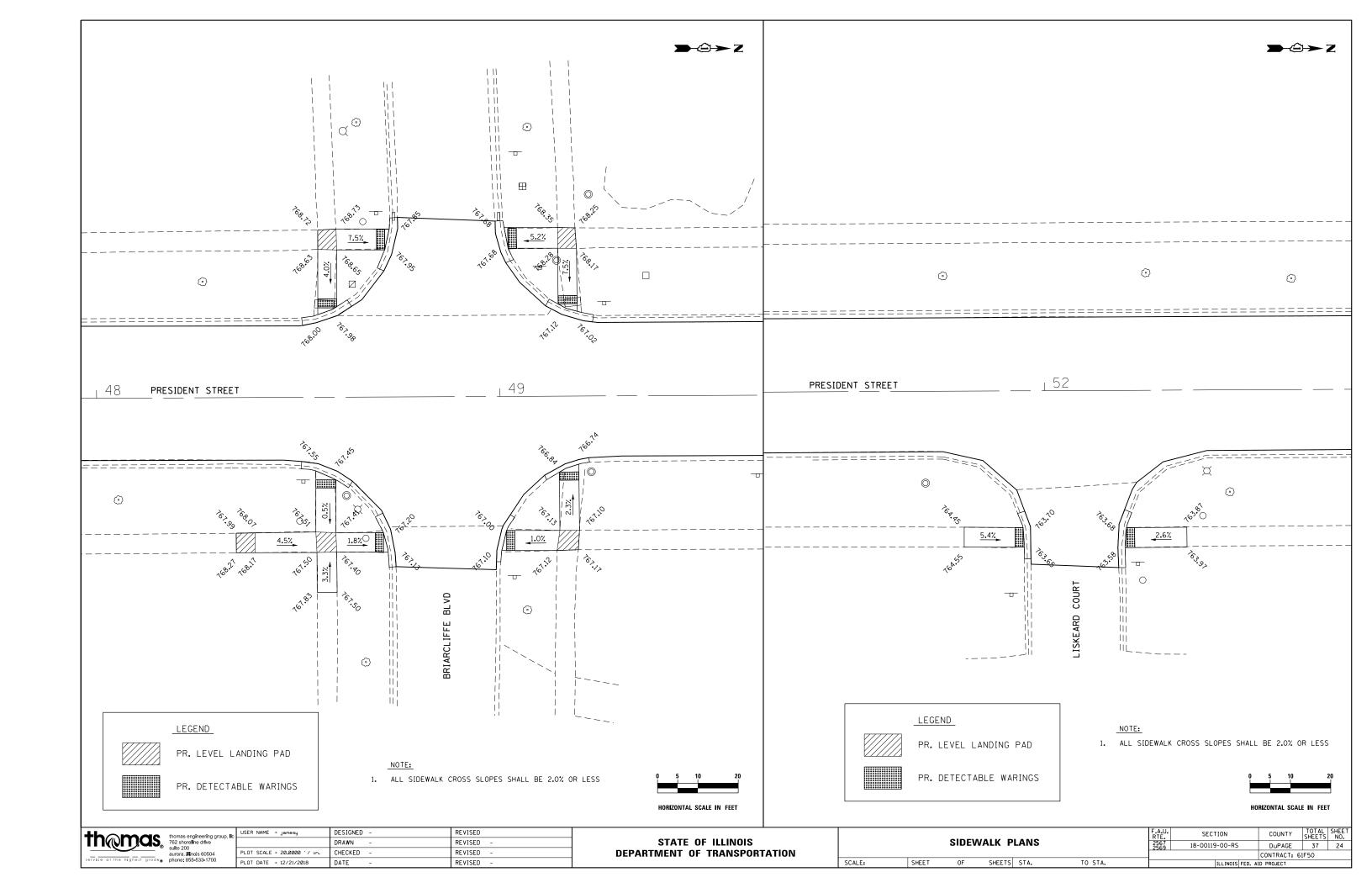


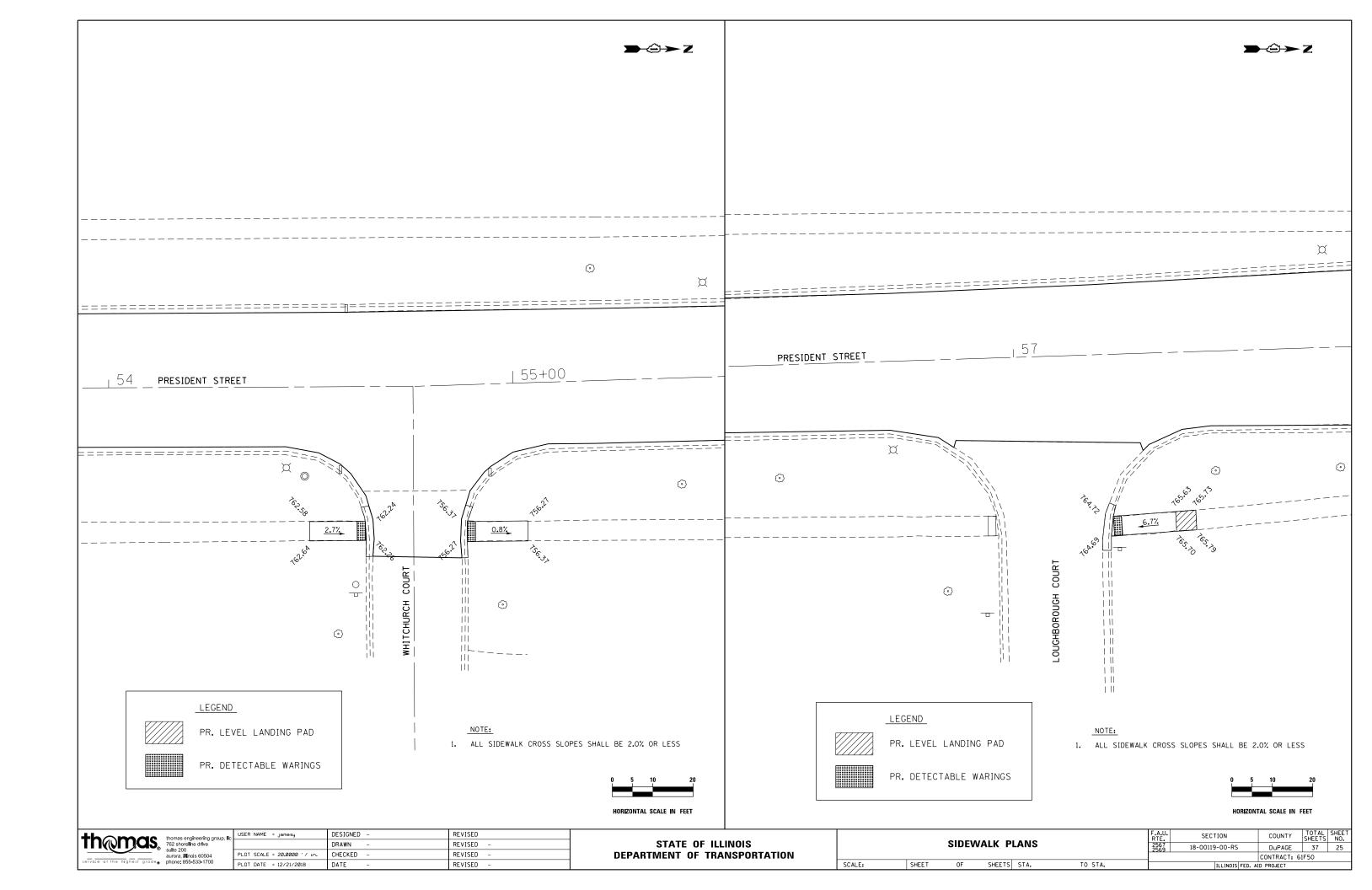


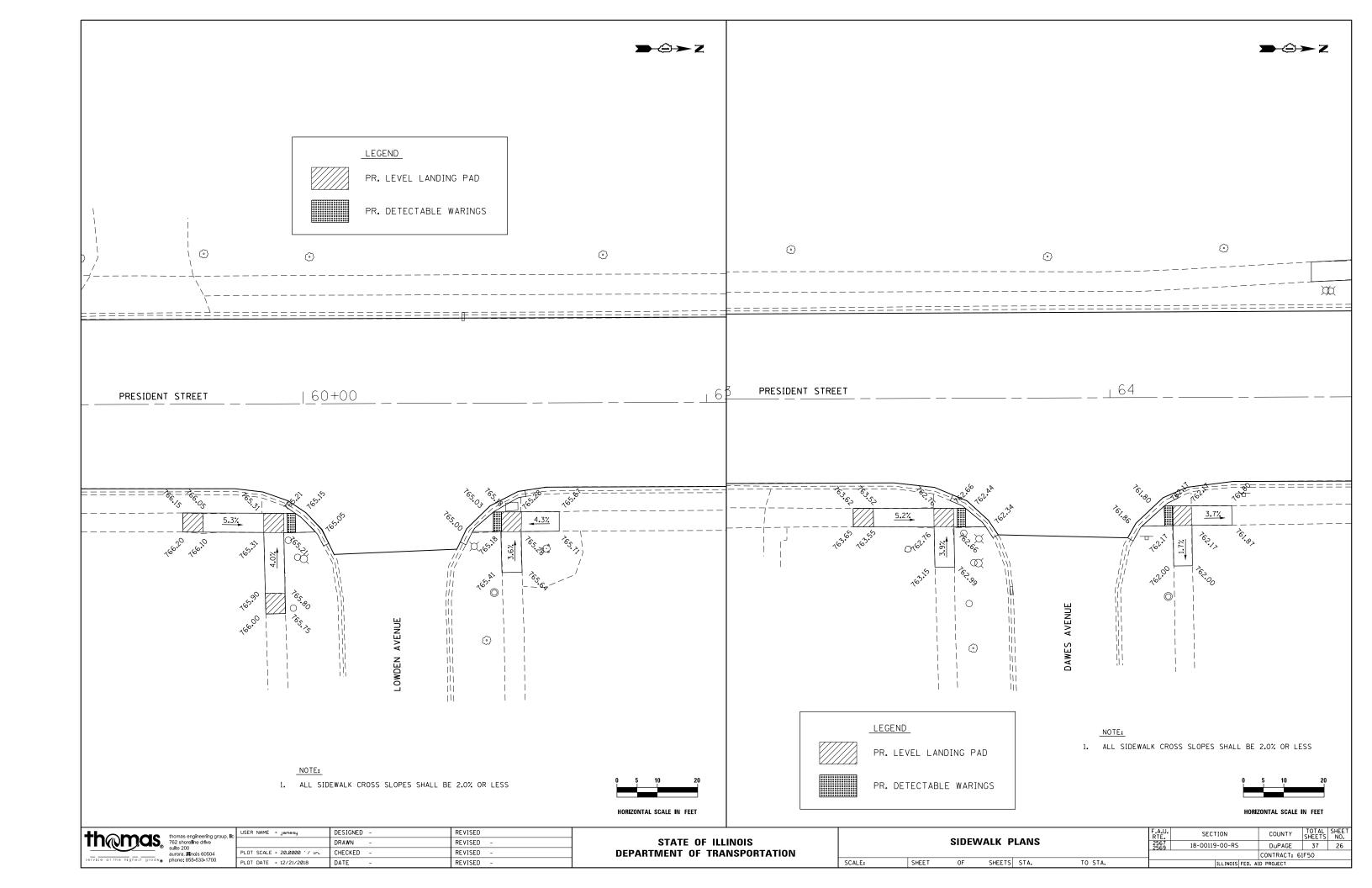


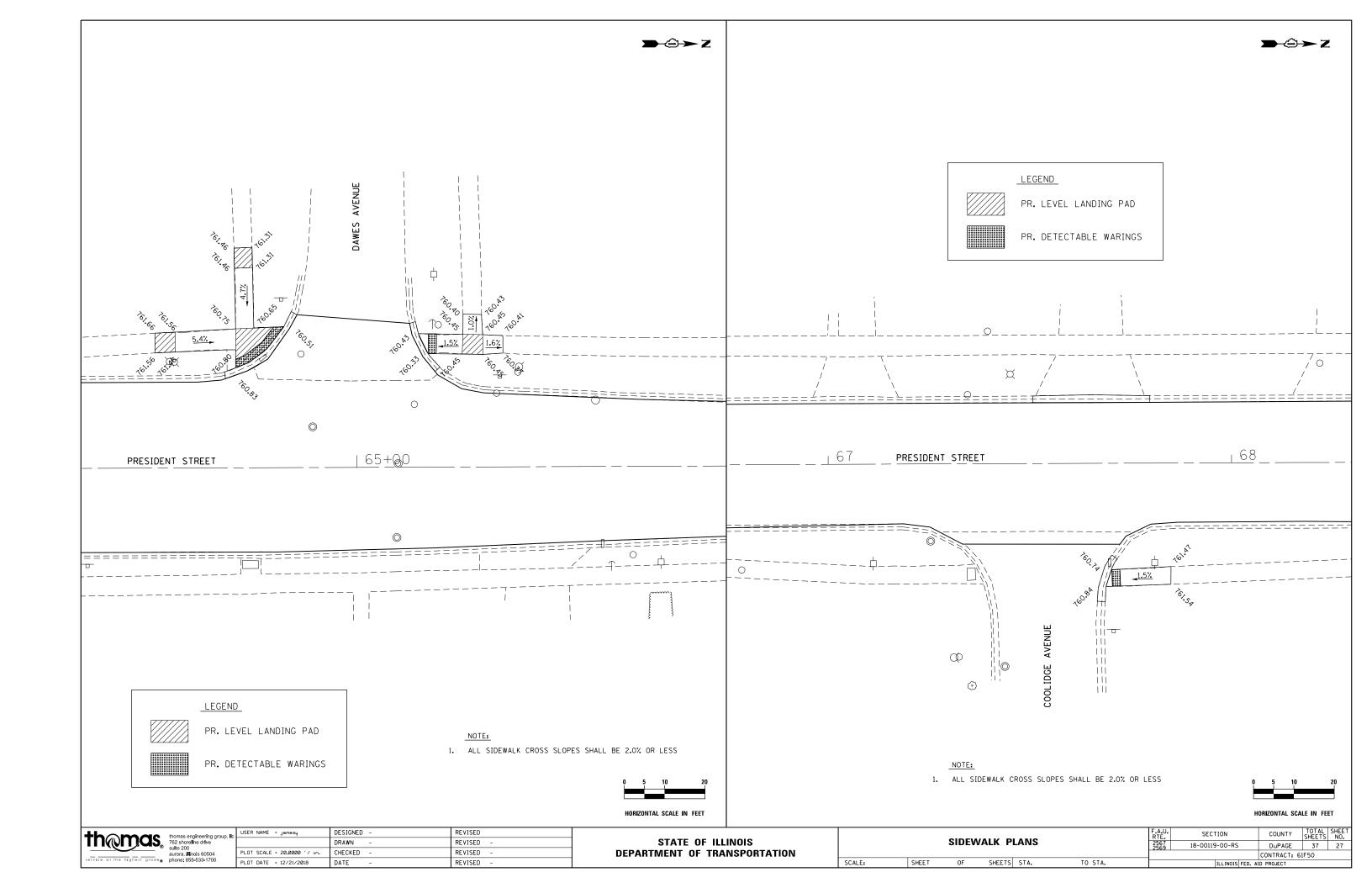


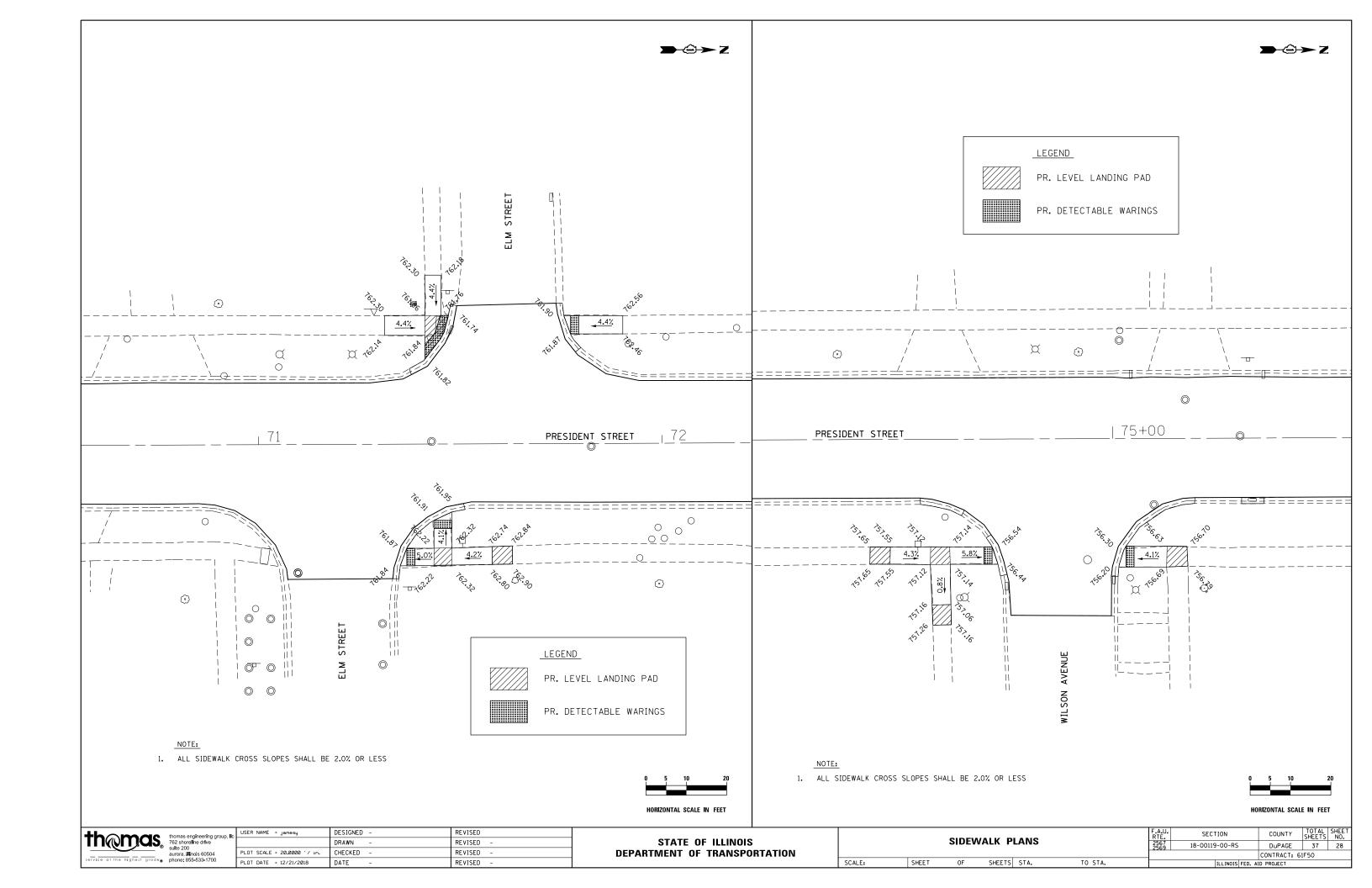


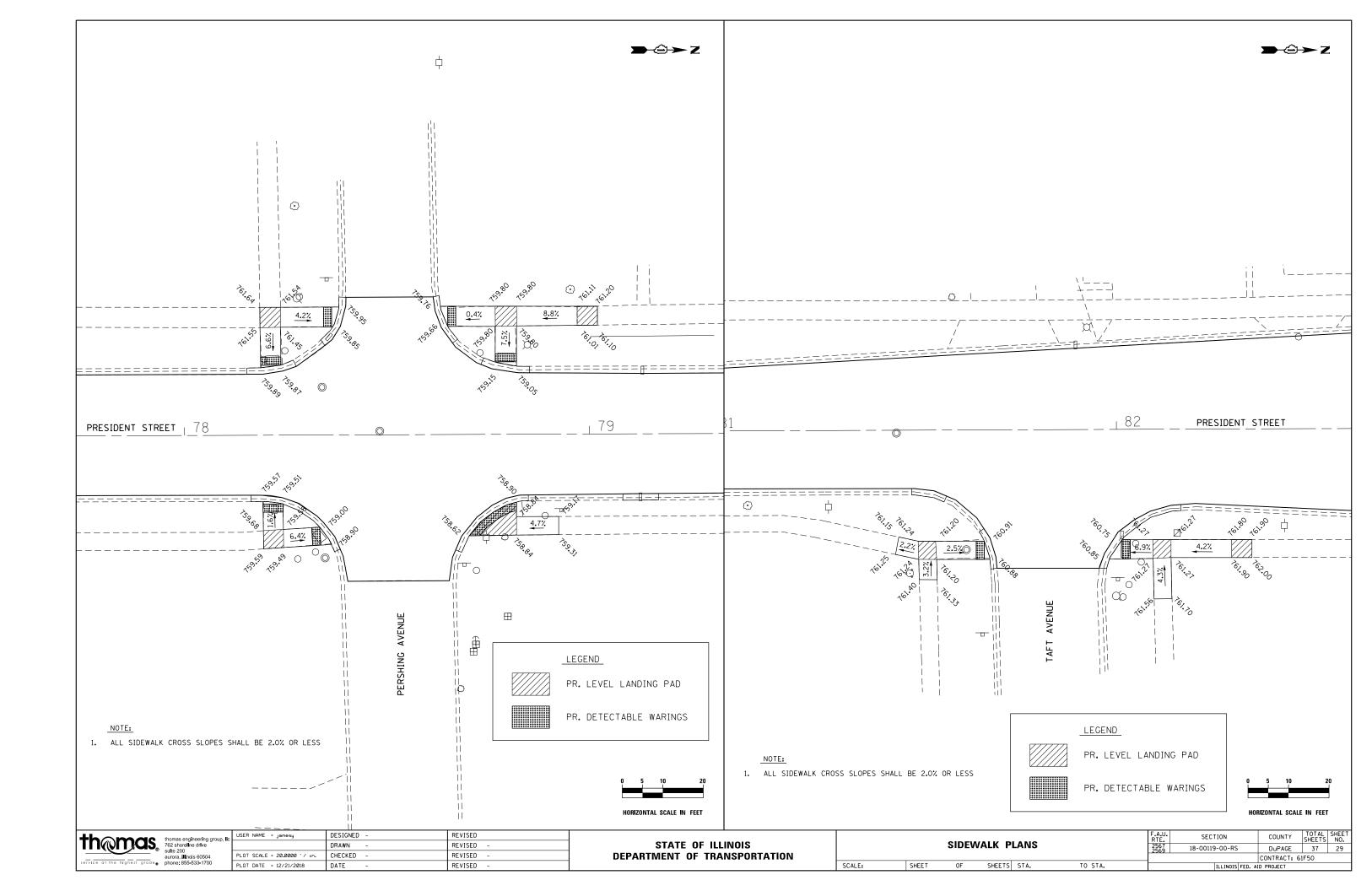












DRIVE APPROACH & SIDEWALK GENERAL STANDARDS 1. All Portland Cement Concrete shall conform to Illinois Department of Transportation Class SI mix. 2. Where new concrete work meets or abuts any existing concrete structures, the existing concrete FOR NEW DEPRESSED CURB,

exhall be saw cut to a straight and clean edge and expansion material placed between the new and existing work. ADD 1 1/2" LIP ABOVE GUTTER LINE FOR FUTURE RESURFACING 3. Expansion material is also required between new curb and new concrete approaches; new sidewalk and new concrete driveways; and new curb and new sidewalk.

MONOLITHIC CURB AND GUTTER

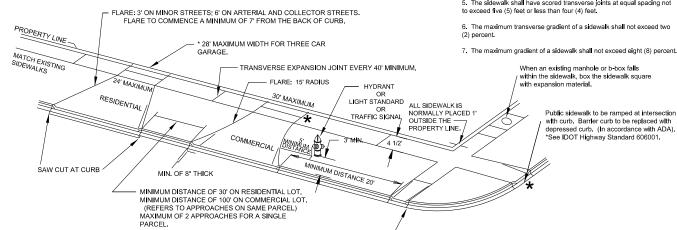
5. Replacement of barrier curb and gutter with depresse curb and gutter to be with a single pour. Gutter shall be a minimum of 8" thick.

4. A culvert will be required where the street does not have

- 6. Wire mesh is not required.
- 7. Pea gravel is not allowed as fill or base material
- 8. All curb replacements shall be a minimum of 5' in length.
- ** See Note 6 - COVER OVER CULVERT SHALL BE A MINIMUM OF 5" OR 1/2 CULVERT DIAMETER, OR WHICHEVER IS LARGER.
 - MINIMUM CULVERT SIZE: 10" DIAMETER

MAXIMUM APPROACH SLOPE IS

MINIMUM APPROACH SLOPE IS 1/4"/FT.



RESIDENTIAL APPROACH

- 1. Shall be 5" thick, Portland Cement Concrete, Class SI
- 2. 1 1/2" Bituminous Concrete, on an 8" thick aggregate base
- Brick pavers shall be constructed in accordance with the manufacturer's specifications. Manufacturer's specifications must be submitted as part of the permit application.

1. 6" thick. Portland Cement Concrete. Class SI (Bituminous is not

SIDEWALK

- 4" thick, Portland Cement Concrete on a compacted crushed aggregate or bank run gravel base.
- 2. 5" thick through Residential Approaches
- 3. 6" thick through Commercial Approaches
- 4. Walk shall be no lower than the centerline of the street
- 5. The sidewalk shall have scored transverse joints at equal spacing not



SCALE: N.T.S.

BICYCLE SAFETY GRATE

ONE PIECE 3"

4" MIN. CONCRETE BASE

3" SAND CUSHION

MINIMUM PRECAST CONCRETE STRUCTURE

SLOPE TO DRAIN

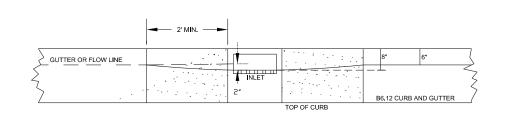
- BACK OF CURB

The MUST BE BOLTED

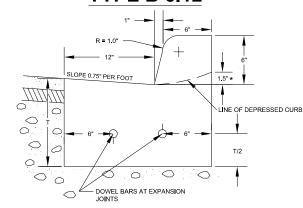
2' MIN.

TRANSITION CURB AT INLET OR C.B.

- 1. A MAXIMUM ADJUSTMENT OF 8" USING 2 (TWO) RUBBER RINGS IS ALLOWED. A MINIMUM OF 1 (ONE) RUBBER RING SHOULD BE INSTALLED BETWEEN THE FRAME AND STRUCTURE
- 2. BRICKS ARE NOT PERMITTED FOR ADJUSTMENTS.
- 3. FOR ROLLED AND/OR BARRIER CURB USE NEENAH R-3010 OR EJIW 7045Z FRAME, 7040M1 GRATE AND
- 4. ALL JOINTS BETWEEN BARREL SECTION, RISER, AND CASTING SHALL BE SEALED WITH FLEXIBLE BUTYL MASTIC MATERIAL 2-1/4" WIDE AND 3/8" THICK OR ENGINEER APPROVED SUBSTITUTE. MORTAR IS NOT ALLOWED.
- 5. THE GRATE SHALL BE A BICYCLE SAFETY GRATE.
- 6. REFERENCE: STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, MAY 1996,
- 7. ANY SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER.
- 8. 2' INSIDE DIAMETER TO BE USED AT END OF PIPE RUN ONLY. IN ALL INSTANCES WHERE 2 OR MORE PIPES ENTER OR EXIT C.B., 4' INSIDE DIAMETER STRUCTURE MUST BE USED.
- 9. MINIMUM PIPE DIAMETER IS 12" ON 2' STRUCTURE
- 10. ANY NEW FRAME BACKS MUST HAVE STAMPED FISH SYMBOL PER NPDES REQUIREMENTS



BARRIER CURB AND GUTTER TYPE B 6.12



- **TYPE M 3.12** 0.3" LOPE 0.75" PER FOOT 1.5" * LINE OF DEPRESSED CURB 0) QQ T/2 0 0 \sim 0 OWEL BARS AT EXPANSION JOINTS
- T = THICKNESS OF PAVEMENT
 * = ½" AT ADA RAMP LOCATIONS
- TWO NO.6 STEEL DOWEL BARS WITH CAPS TO BE USED AT ALL EXPANSION JOINTS 100 ft. INTERVALS.
- 2. CONSTRUCTION JOINTS AT 25 ft. INTERVALS.

- SAW CUT AT CURB

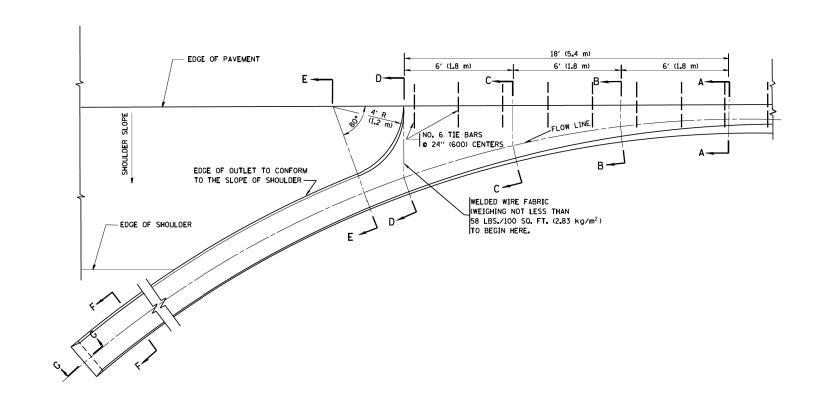
- 3. THREE 3/8" RE-BARS AT ALL TRENCH CROSSINGS. BARS TO EXTEND TWO FEET BEYOND EDGE OF TRENCH AND HAVE A MINIMUM LENGTH OF 10 FT.
- 4. THE BASE COURSE WILL BE OF A DEPTH SUFFICIENT TO BRING THE CURB AND GUTTER TO THE PROPOSED GRADE.
- 5. THE BASE COURSE LOCATED UNDER THE CURB AND GUTTER WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
- 6. THE HEIGHT OF DEPRESSED CURB ADJACENT TO ADA RAMP LOCATIONS SHALL BE ½".
- 7. SEE STANDARD 606001-06.

thomas engine 762 shoreline of sulte 200

eering group, IIc drIve	USER NAME = jamesy	DESIGNED -	REVISED
		DRAWN -	REVISED -
60504	PLOT SCALE = 2.0000 '/ 10.	CHECKED -	REVISED -
33-1700	PLOT DATE = 12/21/2018	DATE -	REVISED -

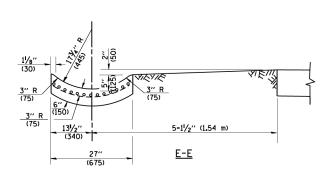
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

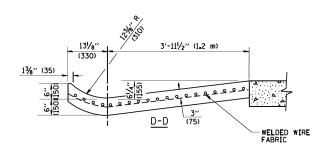
						T.O.	DETAILO	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
١	WHEAT	UN	C	UN	ISTRUC	HUN	DETAILS	2567 2569	18-00119-00-RS	DuPAGE	37	30
	1									CONTRACT: 6	1F50	
	SHEET	1	OF	2	SHEETS	STA.	TO STA.		ILL INDIS FED. A	ID PROJECT		

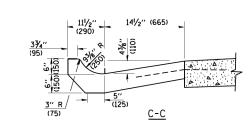


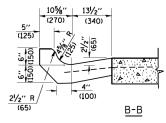


* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A
ARE SHOWN ON STATE STANDARD 606001.
FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER,
TYPE B-6,24 (B-15,60) SEE STATE STANDARD 606006.









GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

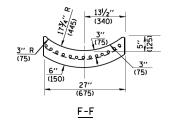
TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN.

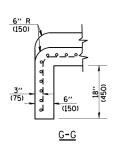
IF THE AVERAGE CRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

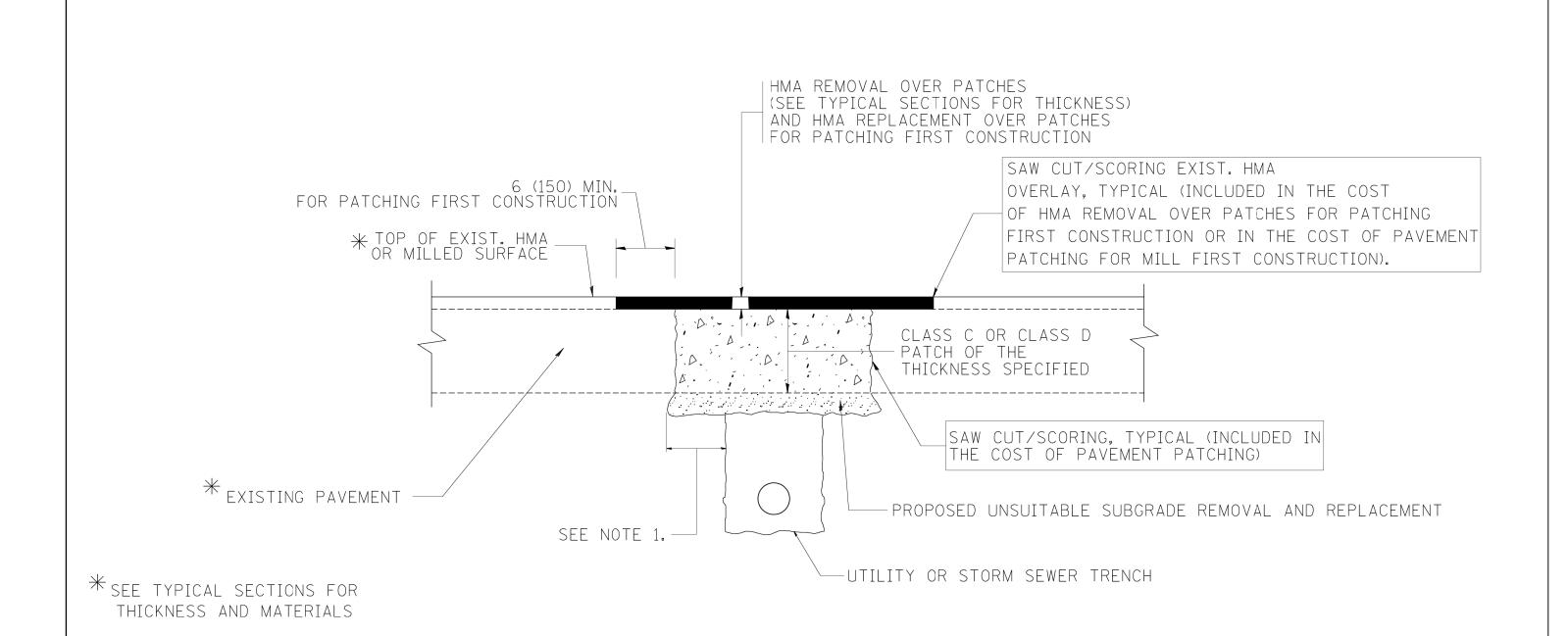
FOR SECTION A-A TO E-E AND CURTAIN WALL=
1.25 CU, YDS, (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T,
1.27 CU, YDS, (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T,
FOR SECTION F-F=
0.045 CU, YDS, (0.03 m³) CLASS SI CONCRETE PER ft, (m),

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





FILE NAME =	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94			OUTLET FOR COM	ICPETE	F.A.U.	SECTION	COUNTY TOTAL SHEET
W:\diststd\22x34\bd03.dgn		DRAWN -	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS	CURR AND GUTER 2569 18-00119-00-RS		18-00119-00-RS	DuPAGE 37 31		
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED - E. GOMEZ 12-21-00	DEPARTMENT OF TRANSPORTATION			2369 BD	600-01 (BD-03)	CONTRACT NO. 61F50	
	PLOT DATE = 1/4/2008	DATE - 08-04-86	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.			AID PROJECT



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)

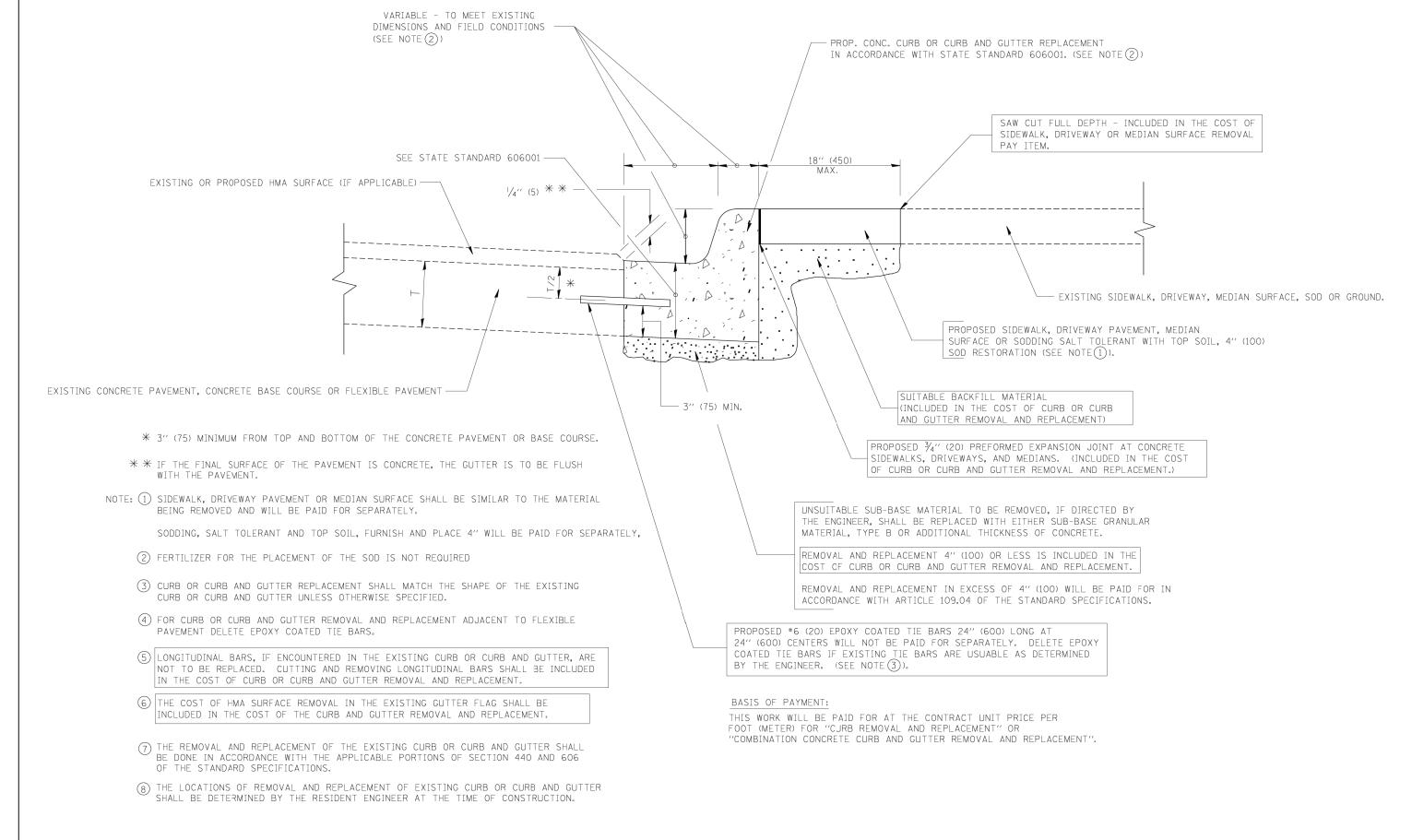
- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 41/2 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.

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98			PAVEMENT PATCHING FOR		RTF. SEC	CTION	COUNTY	SHEETS NO.
c:\projects\diststd22x34\bd22.dgn		DRAWN -	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS			İ	2567 18-001	19-00-RS	DuPAGE	37 32
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED - R. BORO 09-04-07	DEPARTMENT OF TRANSPORTATION		HMA SURFACED PAVEMENT		BD400-04 (CONTRACT	NO. 61F50
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD DIST. NO. 1	I ILLINOIS FED. A	AID PROJECT	

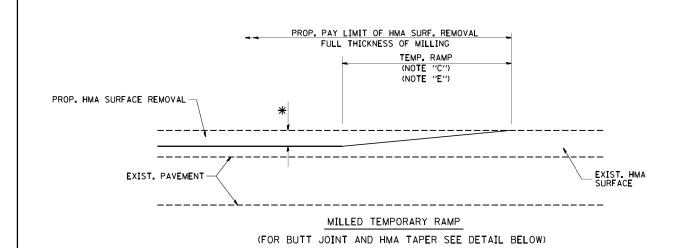


OR CURB AND GUTTER REMOVAL AND REPLACEMENT

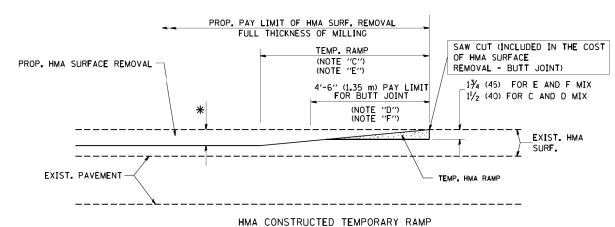
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

[FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96			CURB OR CURB
	c:\pw_work\pwidot\drivakosgn\d0108315\bc	24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS		
		PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	DEPARTMENT OF TRANSPORTATION		REMOVAL AND R
		PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
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SHEETS NO. RB AND GUTTER 18-00119-00-RS DuPAGE REPLACEMENT CONTRACT NO. 61F50 BD600-06 (BD-24) ETS STA. TO STA.



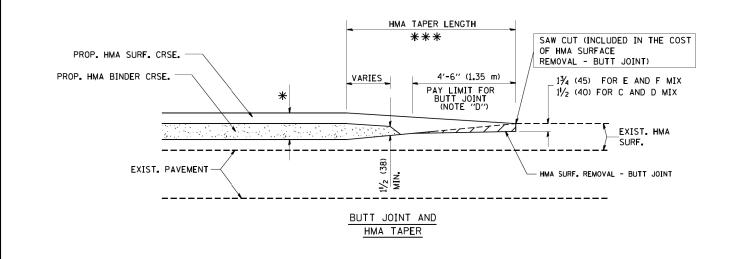
OPTION 1



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP

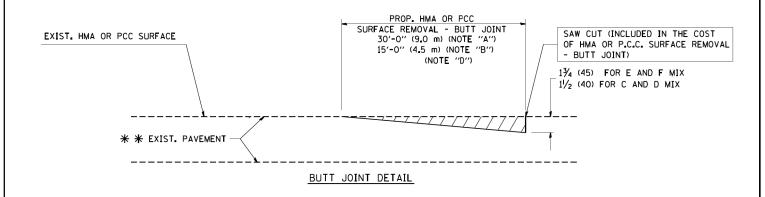


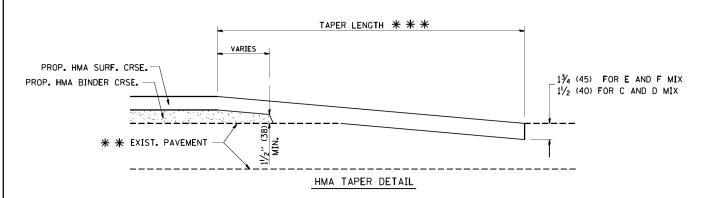
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME = DESIGNED - M. DE YONG R. SHAH 10-25-94 USER NAME = gaglianobt REVISED W:\diststd\22x34\bd32.dgn DRAWN REVISED A. ABBAS 03-21-97 CHECKED REVISED LOT SCALE = 50.0000 '/ IN. M. GOMEZ 04-06-01 DATE 06-13-90 REVISED R. BORO 01-01-07

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

| BUTT JOINT AND | HMA TAPER DETAILS | F.A.U. | SECTION | COUNTY | SHEETS | NO. 1 | OF 1 | SHEETS | STA. | TO STA. | FED. ROAD DIST, NO. 1 | ILLINOIS | FED. AID PROJECT |





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

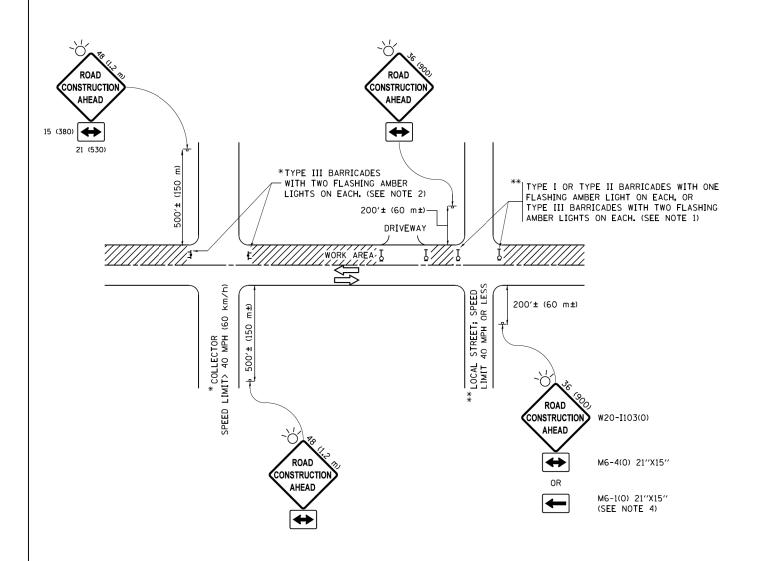
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (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".

SCALE: NONE

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



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 \times 48 (1.2 m \times 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710)
- 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).

SCALE: NONE

- 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
- 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.

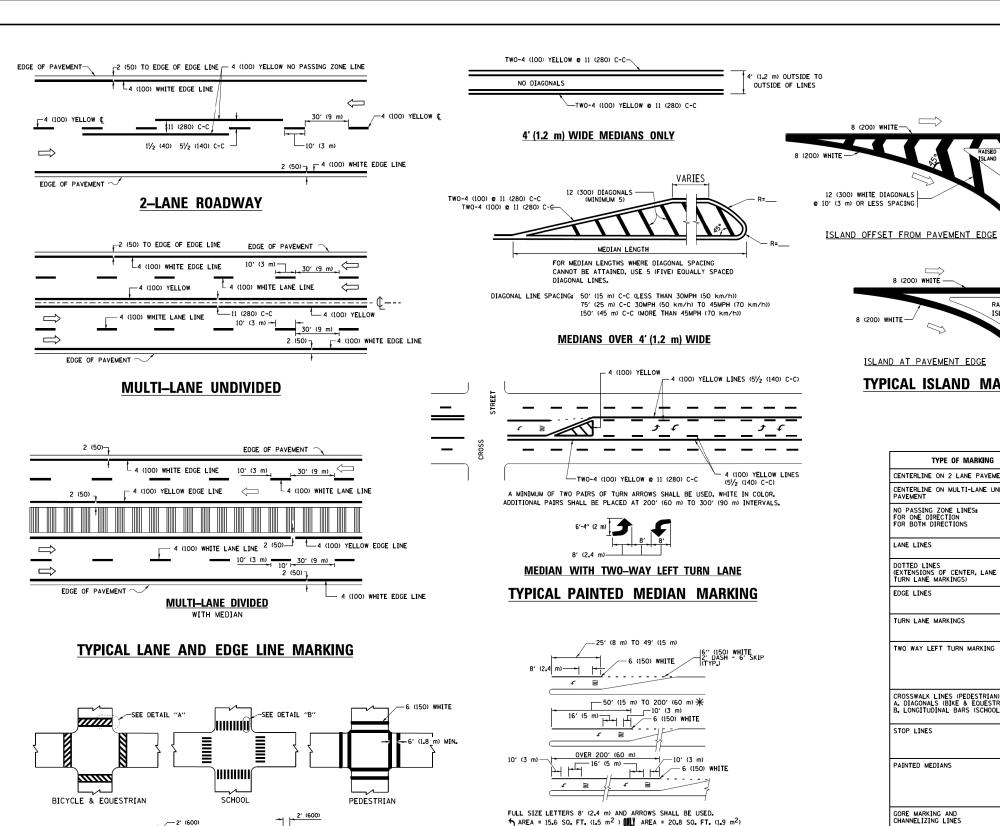
COUNTY

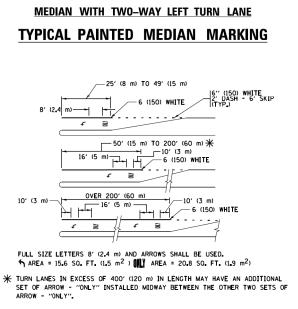
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pw:\\ILØ84EBIDINTEG.:ll:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Dist	Gt DR'AWM \CADD o to\CADsheets\tc10.dgn	REVISED	-T. RAMMACHER 01-06-00
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED	- A. SCHUETZE 07-01-13
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED	- A. SCHUETZE 09-15-16

STATI	OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR	F.A.U RTE.	SECTION
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	2567 2569	18-00119-00-RS
SIDE HOADS, HATEHOESTICAS, AND DINVENTATO		TC-10
SHEET 1 OF 1 SHEETS STA. TO STA.		TI I INOTS

TOTAL SHEET NO. 37 35 DuPAGE CONTRACT NO. 61F50 S FED. AID PROJECT





TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

SPEED LIMIT 345 30 425 35 665 50 750 **COMBINATION** LEFT AND U-TURN 5'-4" (1620) √ 32 R (810) 2 (50) LANE REDUCTION TRANSITION * LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OF GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 © 4 (100)	SOLID SOLID	YELLOW YELLOW	5/ ₂ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1,8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 © 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EOUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 e 6 (150) 12 (300) e 45° 12 (300) e 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (500) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4,5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF1 "R":3.6 SQ. FT. (0.33 m ²) EACH "X":54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) T0 45MPH (70 km/h)) 150' (45 m) C-C (0VER 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

U-TURN

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

SCALE: NONE

8 (200) WHITE -

ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

RAISED

unless otherwise shown.

FILE NAME =	USER NAME = leysa	DESIGNED - EVERS	REVISED -	C. JUCIUS 09-09-09
W:\diststd\22x34\tcl3.dgn		DRAWN -	REVISED -	C. JUCIUS 07-01-13
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED -	C. JUCIUS 12-21-15
Default	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED -	C. JUCIUS 04-12-16

TYPICAL CROSSWALK MARKING

 $oldsymbol{st}$ markings shall be installed parallel to the centerline of the road which it crosses

-12 (300) WHITE

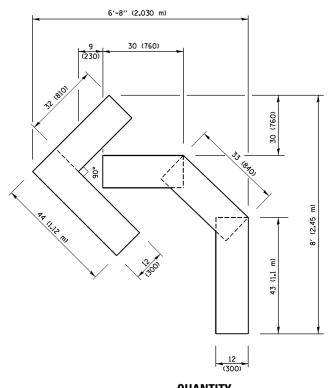
DETAIL "B"

-6 (150) WHITE

DETAIL "A"

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
				2567 2569	18-00119-00-RS	DuPAGE	37	35		
						TC-13	CONTRACT NO. 61F50			
	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT			



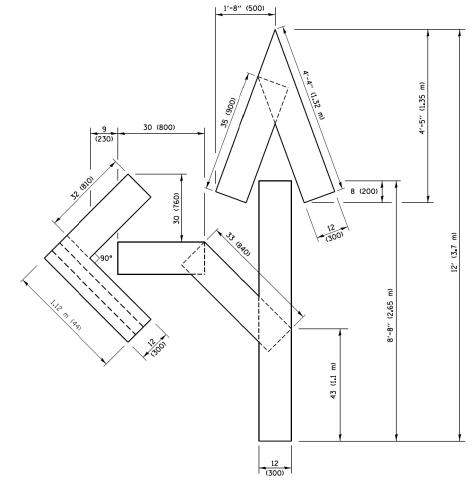
<u>QUANTITY</u>

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

6' (2 m)

* 4 (100)	16 (400)
8' (2.450 m) 16 (400)	12 (300) 8 (200)

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

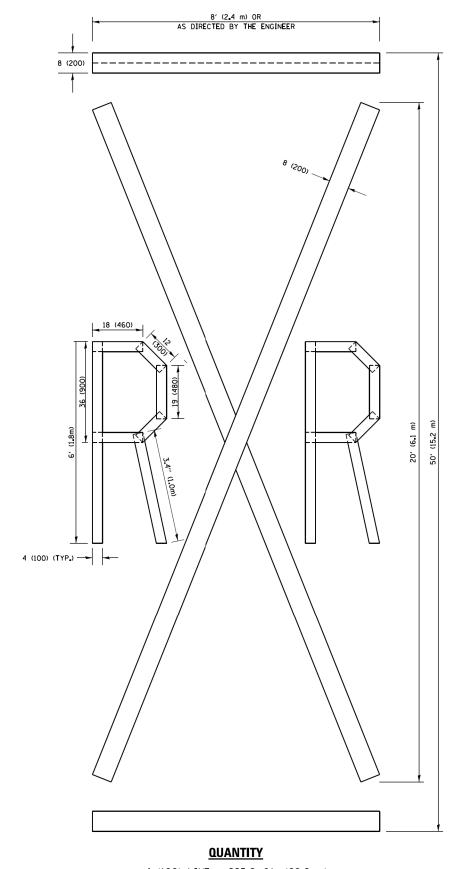


QUANTITY

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.



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 03-02-9
pw:\\ILØ84EBIDINTEG.:ll1no1s.gov:PWIDOT\Do	cuments\IDOT	Offices\District 1\Projects\Dist	ST ORAWM \CAD	Data\	.CADsheets\tc16.dgn	REVISED	-E. GOMEZ 08-28-00
	PLOT SCALE	= 50.0000 '/ in.	CHECKED	-		REVISED	-E. GOMEZ 08-28-00
	PLOT DATE	= 9/15/2016	DATE	-	09-18-94	REVISED	- A. SCHUFTZF 09-15-16

QUANTITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION