

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119,120) RS-5	OGLE	97	1
		ILLINOIS	CONTRACT NO. 64H06	

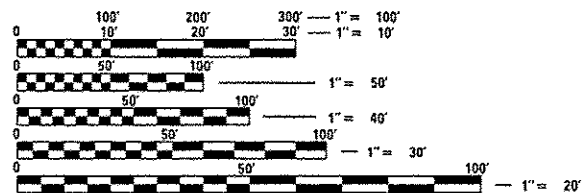
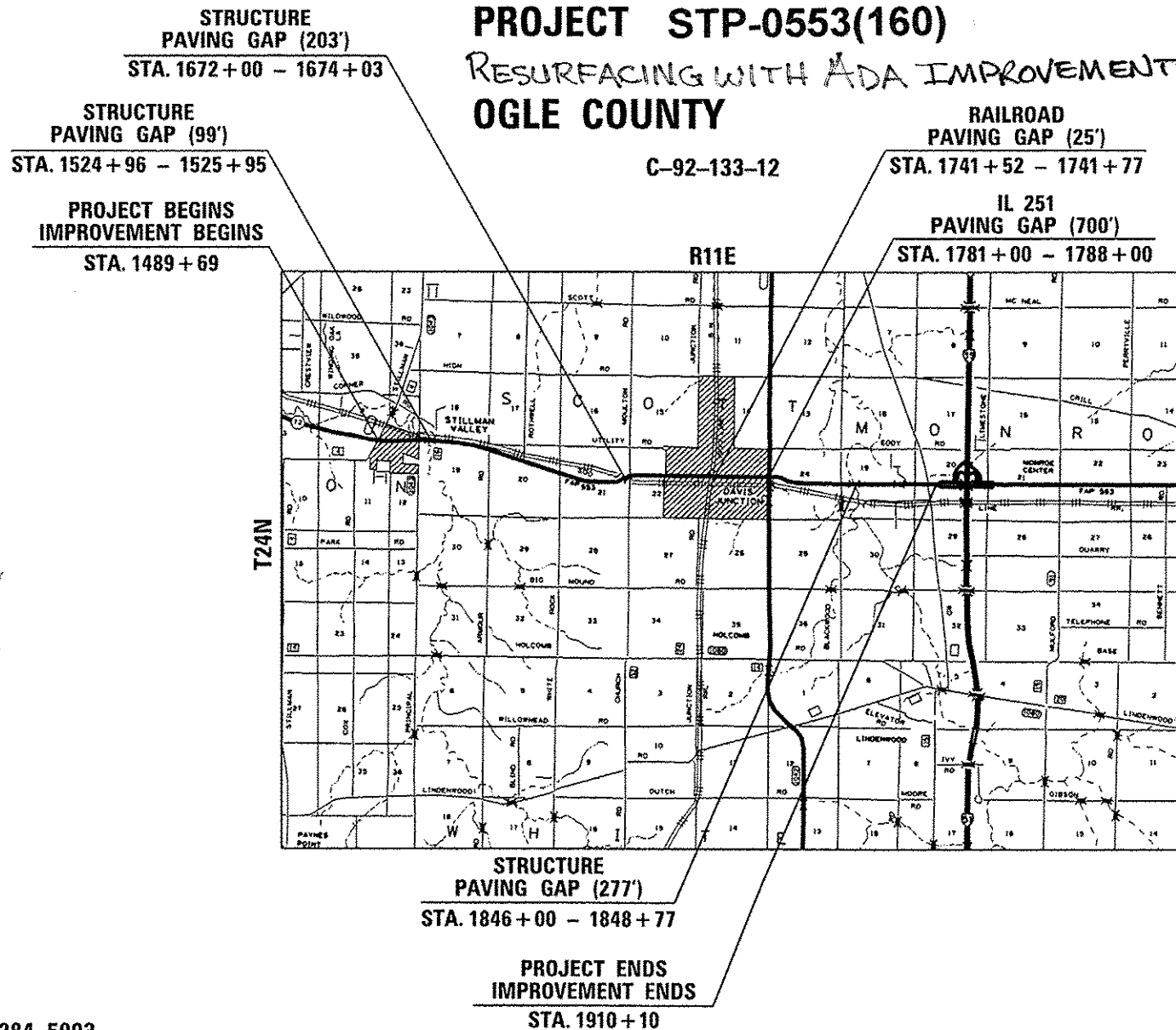
D-92-071-11



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

FAP ROUTE 553 (IL 72)
 SECTION (119,120) RS-5
 PROJECT STP-0553(160)

RESURFACING WITH ADA IMPROVEMENTS
 OGLE COUNTY



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.

TOWNSHIPS (SECTIONS):
 MARION (2,1)
 SCOTT (18,19,20,21,22,23,24)
 MONROE (19,20)

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

PROJECT ENGINEER: MATHEW DOBIE
 PROJECT MANAGER: THOMAS HALLA (815)-284-5993

CONTRACT NO. 64H06

GROSS LENGTH OF SECTION = 42041 FT = 7.96 MILES
 NET LENGTH OF SECTION = 40737 FT = 7.71 MILES

FAP ROUTE 553 (IL 72) SECTION (119,120) RS-5 OGLE COUNTY

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 15 2017
[Signature]
 REGIONAL ENGINEER

May 12 2017
Maxine M. Addis, PE
 ENGINEER OF DESIGN AND ENVIRONMENT

May 12 2017
[Signature]
 DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
420001-08	PAVEMENT JOINTS
420701-03	PAVEMENT FABRIC
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
442101-07	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHLD STRIPS, SHLDS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
630001-11	STEEL PLATE BEAM GUARDRAIL
630301-07	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642006	SHOULDER RUMBLE STRIPS, 8 in.
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 4.5M(15') TO 600MM(24") FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS \geq 45 MPH
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
701901-06	TRAFFIC CONTROL DEVICES
720011-01	METAL POST FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POST (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN	0005	0005	0005	0005	0021	0021
			TOTAL QUANTITY	80% FED 20% STATE	50% STATE 50% STILLMAN VALLEY	100% Stillman Valley	100% Davis Junction	SAFETY 80% FED 20% STATE	ADA 80% FED 20% STATE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	50	50					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	85	85					
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	146.9	146.9					
20800150	TRENCH BACKFILL	CU YD	30	15					15
21101615	TOPSOIL FURNISH AND PLACE, 4 INCH	SQ YD	75						75
21400100	GRADING AND SHAPING DITCHES	FOOT	3740	3740					
* 25000110	SEEDING CLASS 1A	ACRE	0.31	0.31					
* 25200100	SODDING	SQ YD	872						872
25200200	SUPPLEMENTAL WATERING	UNIT	3						3
35101400	AGGREGATE BASE COURSE, TYPE B	TON	16	16					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	93635	93635					
40600525	LEVELING BINDER (HAND METHOD), N50	TON	50	50					
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	6858	6782	76				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	SQ YD	4247	4247					
40600990	TEMPORARY RAMP	SQ YD	890	890					
40603310	HOT- MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1686	1686					
40603335	HOT- MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	10517	10423	94				
40800050	INCIDENTAL HOT- MIX ASPHALT SURFACING	TON	2095	2095					
44213100	PAVEMENT FABRIC	SQ YD	364	364					
42001300	PROTECTIVE COAT	SQ YD	38						38

* SPECIALTY ITEMS

REV

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN	0005	0005	0005	0005	0021	0021
			TOTAL QUANTITY	80% FED 20% STATE	50% STATE 50% STILLMAN VALLEY	100% Stillman Valley	100% Davis Junction	SAFETY 80% FED 20% STATE	ADA 80% FED 20% STATE
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5593						5593
42400800	DETECTABLE WARNINGS	SQ FT	424						424
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 -1/4"	SQ YD	23390	22042	1348				
44000500	COMBINATION CURB AND CUTTER REMOVAL	FOOT	737						737
44000600	SIDEWALK REMOVAL	SQ FT	2635						2635
44200168	PAVEMENT PATCHING, TYPE II 14 INCH	SQ YD	100.0	100.0					
44200172	PAVEMENT PATCHING, TYPE III 14 INCH	SQ YD	100.0	100.0					
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	1964	1964					
44201023	CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	78	78					
44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	214	214					
44201299	DOWEL BARS 1 1/2"	EACH	5184	5184					
44213200	SAW CUTS	FOOT	10128	10128					
44213202	TIE BARS 1"	EACH	48	48					
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	36621	36621					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4370	4370					
48203020	HOT-MIX ASPHALT SHOULDERS, 5 3/4"	SQ YD	5778	5778					
50200100	STRUCTURE EXCAVATION	CU YD	82	23					59
50300225	CONCRETE STRUCTURES	CU YD	28						28
50300285	FORM LINER TEXTURED SURFACE	SQ FT	148						148

* SPECIALTY ITEMS

FILE NAME *	USER NAME * FASSLERHJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 553	SECTION 1119.120R5-5	COUNTY OGLE	TOTAL SHEETS 97	SHEET NO. 4
Default		PLOT SCALE * 480.000 ' / in.	CHECKED -		SCALE:				CONTRACT NO. 64H06	
		PLOT DATE * Mar-16-2017 01:27:11 PM	DATE -						[ILLINOIS] FED. AID PROJECT	

REV

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN	0005	0005	0005	0005	0021	0021
			TOTAL QUANTITY	80% FED 20% STATE	50% STATE 50% STILLMAN VALLEY	100% Stillman Valley	100% Davis Junction	SAFETY 80% FED 20% STATE	ADA 80% FED 20% STATE
63500105	DELINEATORS	EACH	4	4					
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	39720	39720					
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	8	8					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	30	30					
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4					
67100100	MOBILIZATION	L SUM	1	1					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	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	22430	22430					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5348	5348					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	236	236					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	255	255					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	369	369					
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	212760	212760					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	534	534					

* SPECIALTY ITEMS

GENERAL NOTES

GENERAL NOTES

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches. This work will be included in the contract unit price per Ton for AGGREGATE WEDGE SHOULDER, TYPE B.

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of AGGREGATE WEDGE SHOULDER, TYPE B.

Mulch Method III shall be applied over all seeded areas. This shall be included in the cost of the AGGREGATE WEDGE SHOULDER, TYPE B.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

The drop off that occurs at entrance edges as a result of resurfacing of the entrance shall be corrected using aggregate shoulder material. This work shall be paid for by the TON for Aggregate Wedge Shoulder of the type specified in the plans.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Location and Mixture Uses(s):	Resurfacing		Shoulders		Incidental
	Surface	Level Binder	Top Lift	All Lower Lifts	Surface
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids	4.0 @ N50	4.0 @ N50	3.0 @ N50	3.0 @ N50	4.0 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5	IL 9.5 FG	IL 9.5 or 9.5FG	IL 19.0	IL 9.5
Friction Aggregate	D	N/A	C	N/A	D
20 Year ESAL	0.9	0.9	N/A	N/A	0.9
Mix Unit Weight	112 lbs/sy/in		112 lbs/sy/in		112 lbs/sy/in
Quality Management Program to be Used	QCP	QCP for mix only	QC/QA	QC/QA	QC/QA
Sublot Tonnage	1000	1000	-	-	-

The Contractor shall place temporary hot-mix asphalt tapers along all sides of the utility structures protruding above the milled surface. The temporary tapers shall extend 2' outside of the castings, except for the approach side to traffic shall have a 4' taper length. Hot-mix asphalt meeting the approval of the Engineer shall be used, no cold millings will be allowed. The cost of the material, placement, maintenance, removal and disposal of said work will be included in the Pay Item for Hot-Mix Asphalt Surface Removal.

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be tacked shall be limited to that which can be covered with HMA on the next days productivity.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

Install rumble strips in all shoulders in rural areas in accordance with State Standard 642006. Rumble Strips shall be placed on shoulders on both sides of the pavement in rural sections only as shown in schedule.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL HOT-MIX ASPHALT SURFACING.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price per Each for DELINEATORS.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8' high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8", not 7" as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Estimated: 8 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. Option 2 would be to install a vaulted style, monumented as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be 5'-0" below the ground surface.

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.

Existing stairs and sidewalk on southeast corner of Spruce Street and IL 72 at Stillman's Defeat Park shall not be disturbed or damaged in any manner during the construction of the adjacent ramp and walls.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base. If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format

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	PLOT SCALE =	DRAWN -	REVISED -			FAP 553 IL 72	(119,120)RS-5	Ogle	97	8
	PLOT DATE = 3/15/2017 11:44 AM	CHECKED -	REVISED -			CONTRACT NO. 64H06				
	DATE = 1/20/2017 3:14 PM	REVISED -	SCALE:			SHEET NO.	OF	SHEETS	STA.	TO STA.

GENERAL NOTES

approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Commonwealth Edison Co. (815/490-2869)	Frontier (815/895-1515)
NICOR Gas Co. (630/983-8676)	Comcast Cable (815/395-8977)
Norlight Telecommunications (812/456-1217)	City of Byron/Jeff Ludwig (815/234-8724)
Village of Stillman Valley/Michael Musso (815/645-2200)	

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

Rumble strips, "STOP", "AHEAD" traffic control on pavement near the IL 251 intersection shall be placed at the same locations as existing. The contractor shall be responsible for verifying location prior to paving operations. This work shall be included in the cost of RUMBLE STRIPS.

Hot-Mix Asphalt entrances scheduled to be resurfaced shall have a butt joint milled at the right-of-way line. The milling shall consist of the full width of the entrance to a depth of 1½" to 0" in 5' (refer to typical section for driveways). The millings shall be collected and disposed of at a suitable location outside the project limits. The cost of milling and disposal shall be included in the cost of INCIDENTAL HOT-MIX ASPHALT SURFACING.

Railroad Traffic Control Pavement Marking shall be placed at the same locations as existing. The contractor shall be responsible for verifying location prior to paving operation. This work shall be included in the cost of THERMOPLASTIC PAVEMENT MARKING – LETTERS & SYMBOLS.

At locations where milling will occur, the Resident Engineer shall verify the locations of Strip Reflective Crack Control PRIOR TO MILLING. The Strip Reflective Crack Control shall be placed on top of the Level Binder in the milled locations.

Due to the poor pavement conditions and geotechnical recommendation, no traffic shall be allowed on the milled surface. Therefore, mainline shall be resurfaced the same day that it is milled. The remaining sideroad and parking lane shall be resurfaced within 10 calendar days.

To help avoid excess drop offs at the edge of pavement, the existing aggregate wedge or shoulder is to be pulled up and rolled to match the edge of pavement before placing any bituminous material. If after the existing shoulder is pulled up and rolled and the shoulder does not match the edge of pavement, additional material shall be placed. An additional quantity (tons) has been added to AGGREGATE WEDGE SHOULDERS TYPE B to make up the difference. The cost for installing this material shall be included in the cost per ton for AGGREGATE WEDGE SHOULDERS TYPE B. All costs associated with pulling up the shoulders shall be considered included in the contract unit price per SQ YD for HOT-MIX ASPHALT SHOULDER of the type specified.

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment. For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

Class A Patch: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Foot for SAW CUTS.

During construction of ADA ramps and/or sidewalks, at no time shall sidewalks on both sides of the street be closed. Construction shall be completed and sidewalk shall be opened for use before the sidewalk on the other side of the street is begun.

Tree planting layout shall be performed by the District Roadside Management Specialist. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Trees not scheduled for removal within the construction area shall be protected and their root base not disturbed. Post and fencing shall be placed to keep equipment from this area. The cost for this work, fencing and posts shall be included in the contract unit price for PORTLAND CEMENT CONCRETRE SIDEWALK 5 INCH.

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

<u>Tie the following to the existing concrete pavement</u>		<u>Length, size, and spacing of Tie Bars</u>
Gutter or Curb & Gutter	Std. 606001	24" long No. 6 @ 24" centers
PCC Base Course	Std. 353001	24" long No. 6 @ 30" centers
PCC Pavement	Std. 420101	24" long No. 6 @ 30" centers

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

The Contractor shall be responsible for final elevations and slopes on ADA ramps, sidewalks, crosswalks in this contract. All elevations and slopes shall meet current ADA requirements. Sidewalks, ramps, crosswalks, and associated items not within compliance with current ADA requirements shall be removed and replaced to correct specifications solely at the Contractors expense.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the

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		DRAWN -	REVISED -		FAP 553 IL 72	(119,120)RS-5	Ogle	97	9					
	PLOT SCALE =	CHECKED -	REVISED -							CONTRACT NO. 64H06				
	PLOT DATE = 3/15/2017 11:44 AM	DATE - 1/20/2017 3:14 PM	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

Existing delineators, currently in place, and removed from end sections shall be salvaged without damage and be re-installed at the location of the new end section. The cost of removal, storage and installation shall be included in the cost of TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) tangent or flared.

The existing pavement at the intersection of Maple Street and IL 72 in Davis Junction adjacent to the Type A gutter shall be milled from 0" to 1-1/2" tapered over a width of 3 feet from the curb. This work shall be paid for at the contract unit price per SQ. YD. for BITUMINOUS SURFACE REMOVAL BUTT JOINT.

During milling operations, concrete patches will be encountered. The milling of the concrete shall not be paid for separately, but shall be included in the cost of HMA SURFACE REMOVAL of the thickness specified.

The Material Transfer Device shall be allowed to cross all structures within the limits of the project empty. The Contractor shall plan his operations to stay within the load carrying capacity of the structures.

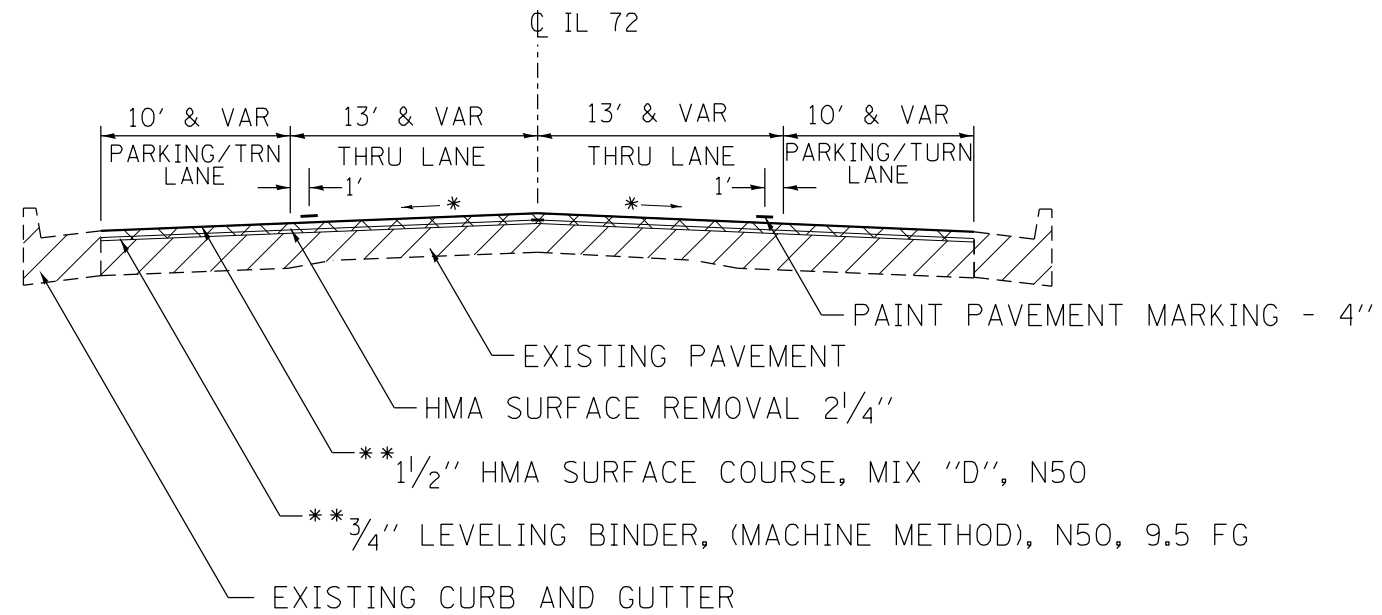
Commitments

Southwest corner of IL 72 and Spruce Street in Stillman Valley – No work shall be performed behind the edge of existing sidewalk in the designated temporary easement off of State owned right-of-way. Furthermore, there shall be no excavation, soil disturbance or grass disruption of any and/or all nature therein. In the event of disturbance of the aforementioned area, any and all work shall cease until which time the impacts to the area are remediated and dealt with.

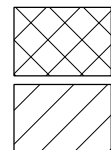
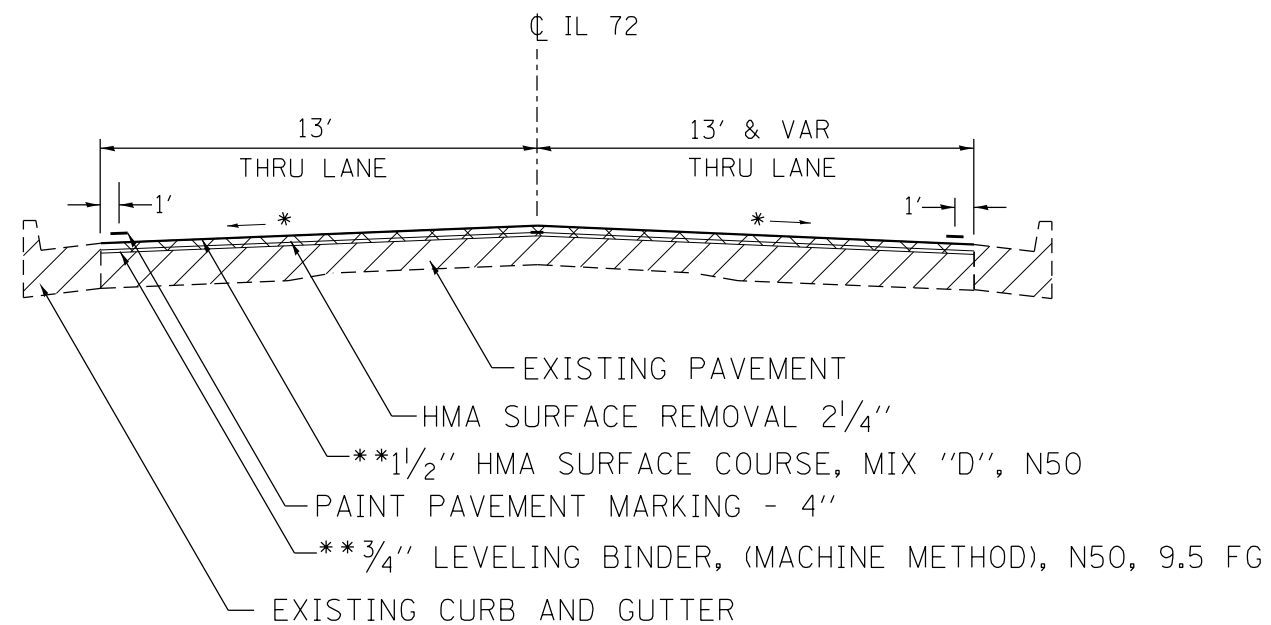
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	PLOT SCALE =	DRAWN -	REVISED -			FAP 553 IL 72	(119,120)RS-5	Ogle	97	10		
	PLOT DATE = 3/15/2017 11:44 AM	CHECKED -	REVISED -			CONTRACT NO. 64H06						
	DATE = 1/20/2017 3:14 PM	REVISED -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS

TYPICAL SECTIONS

STA. 1489+69 - 1498+95



STA. 1498+95 - 1518+35



REMOVAL

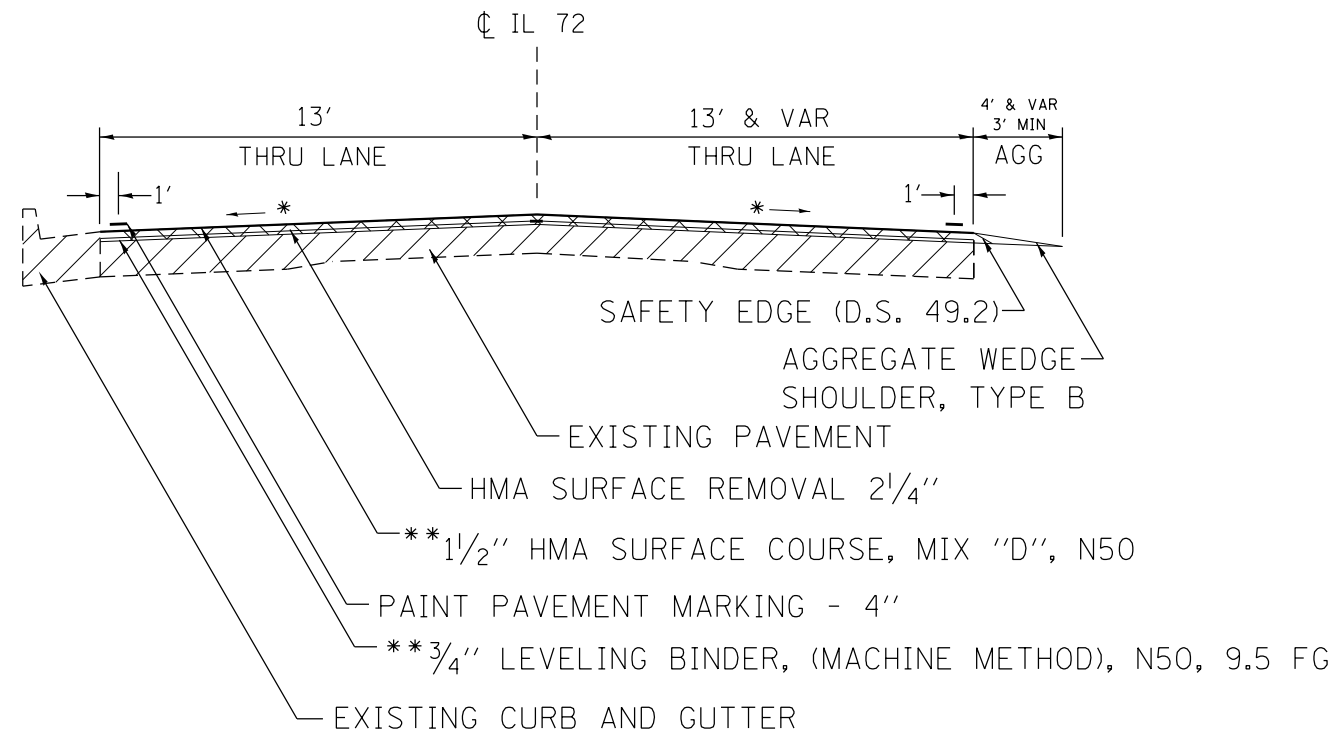
EXISTING

* MAINTAIN EXISTING CROSS SLOPE (MIN 1/8"/FT)
 ** HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS/ SQ YD/ IN

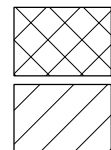
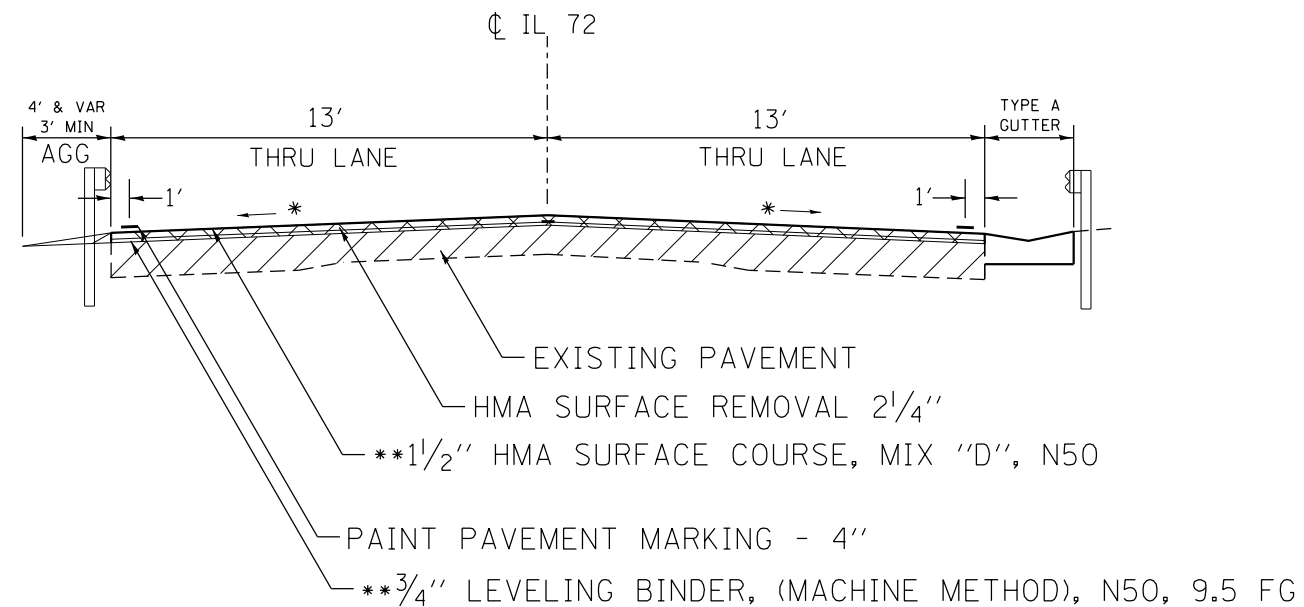
FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2017\DRAWING\084EBID\084EBID-01-01-1111-sht-tp.dgn		CHECKED -	REVISED -		553	(119.120)RS-5	OGLE	97	11			
PLOT SCALE = 40.0000' / in.		DATE -	REVISED -		CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT				
Default		PLOT DATE = Mar-15-2017 08:30:42 AM	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

TYPICAL SECTIONS

STA. 1518+35 - 1521+75



STA. 1674+03 - 1681+30



REMOVAL

EXISTING

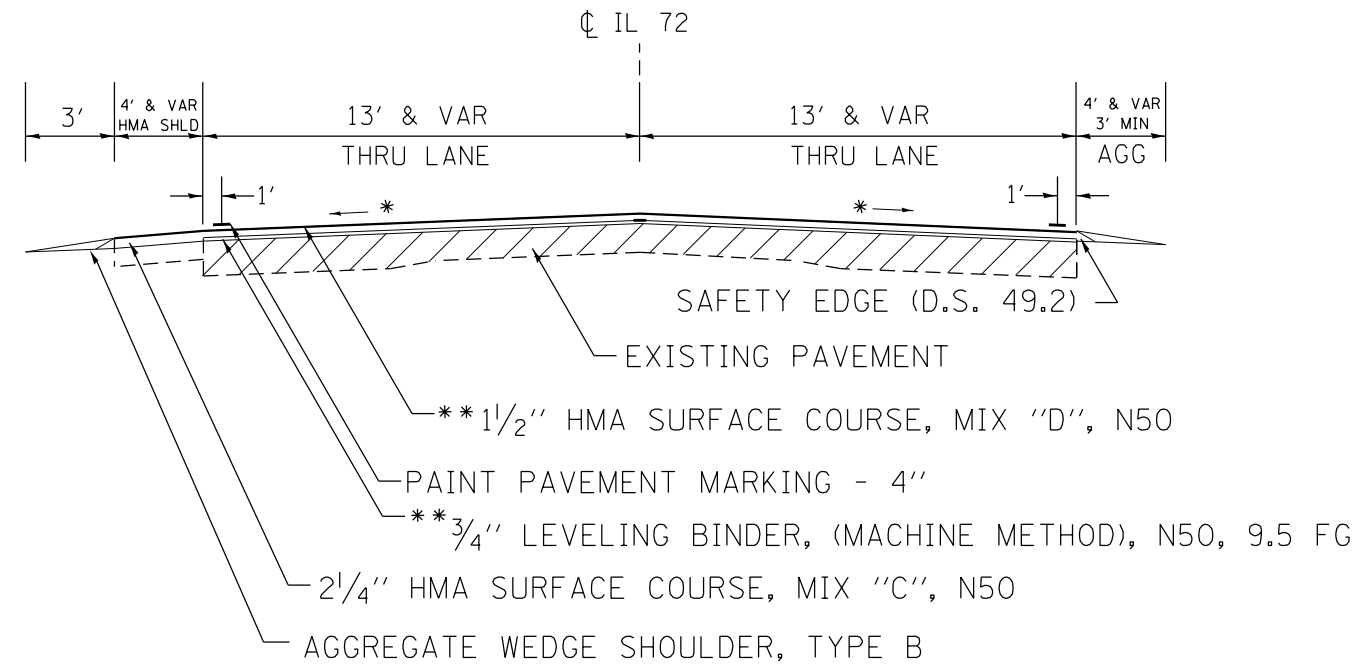
* MAINTAIN EXISTING CROSS SLOPE (MIN 1/8" / FT)
 ** HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

STRUCTURE PAVING GAP
 STA. 1672+00 - 1674+03

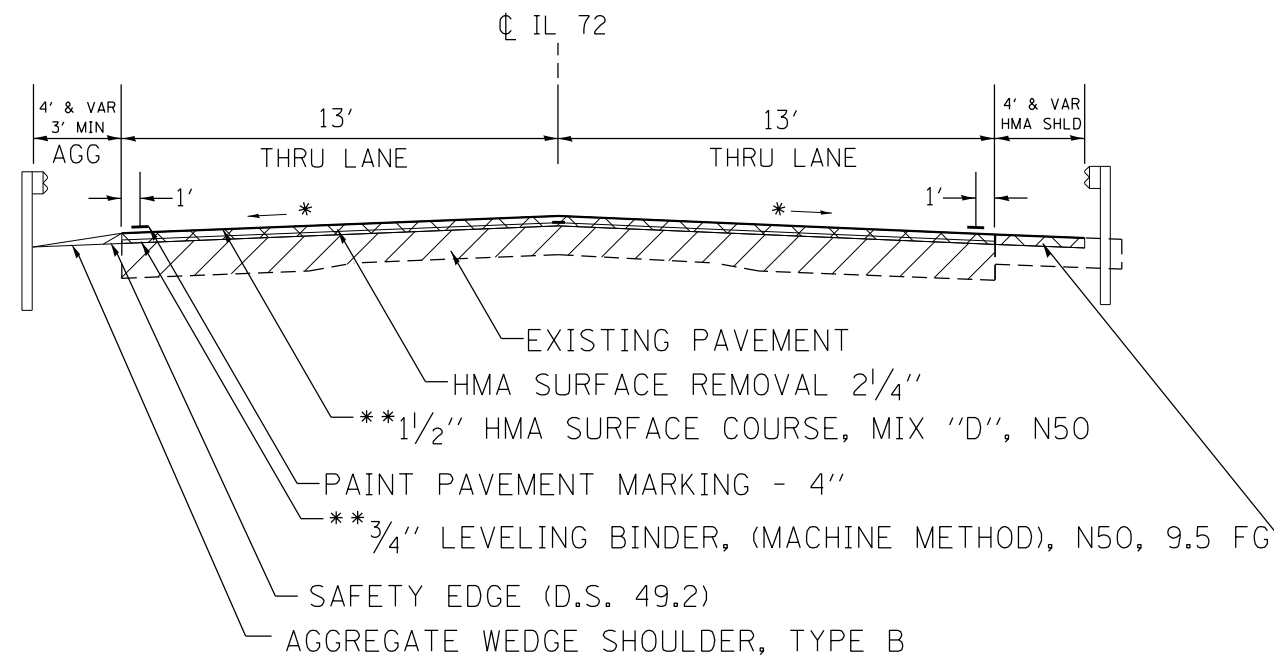
FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\02071111\Drawings\CAD\Sheets\02071111-sht-tyr.dgn		CHECKED -	REVISED -		553	(119.120)RS-5	OGLE	97	12			
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TYPICAL SECTIONS

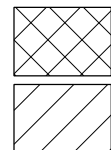
STA. 1871+70 - 1885+90



STA. 1899+94 - 1903+12



2 1/4" HMA SURFACE COURSE, MIX "C", N50
 (STA 1900+91 - 1902+59)



REMOVAL

EXISTING

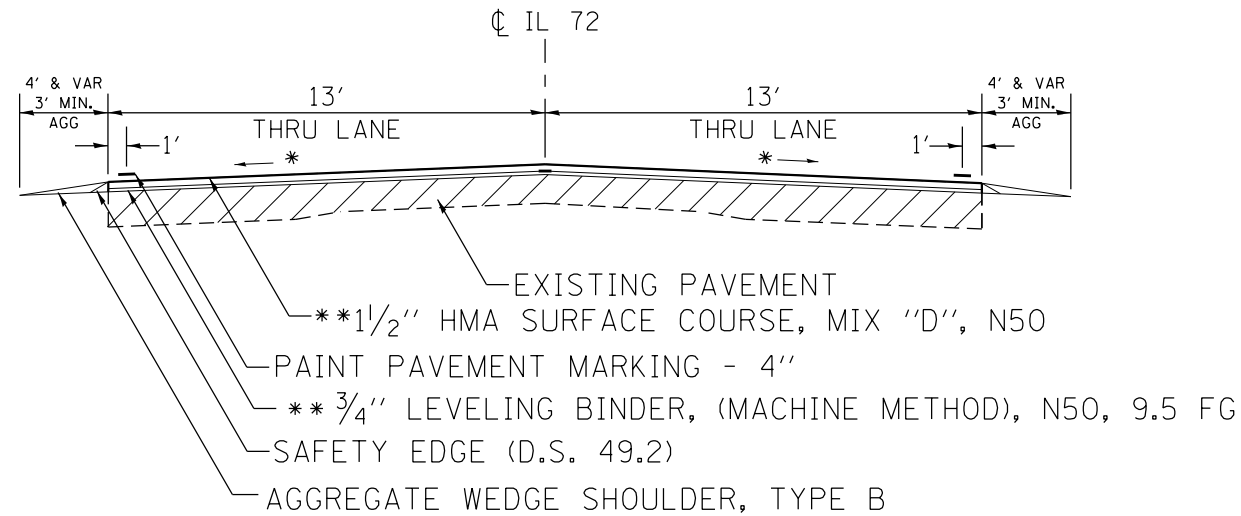
* MAINTAIN EXISTING CROSS SLOPE (MIN 1/8" / FT)
 ** HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS / SQ YD / IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2020\DRAWING\DATA\CAD\Sheets\20201111-sht-tyr.dgn		REVISIONS	REVISIONS		553	(119.120)RS-5	OGLE	97	14			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS		CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT				
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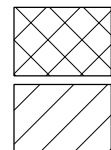
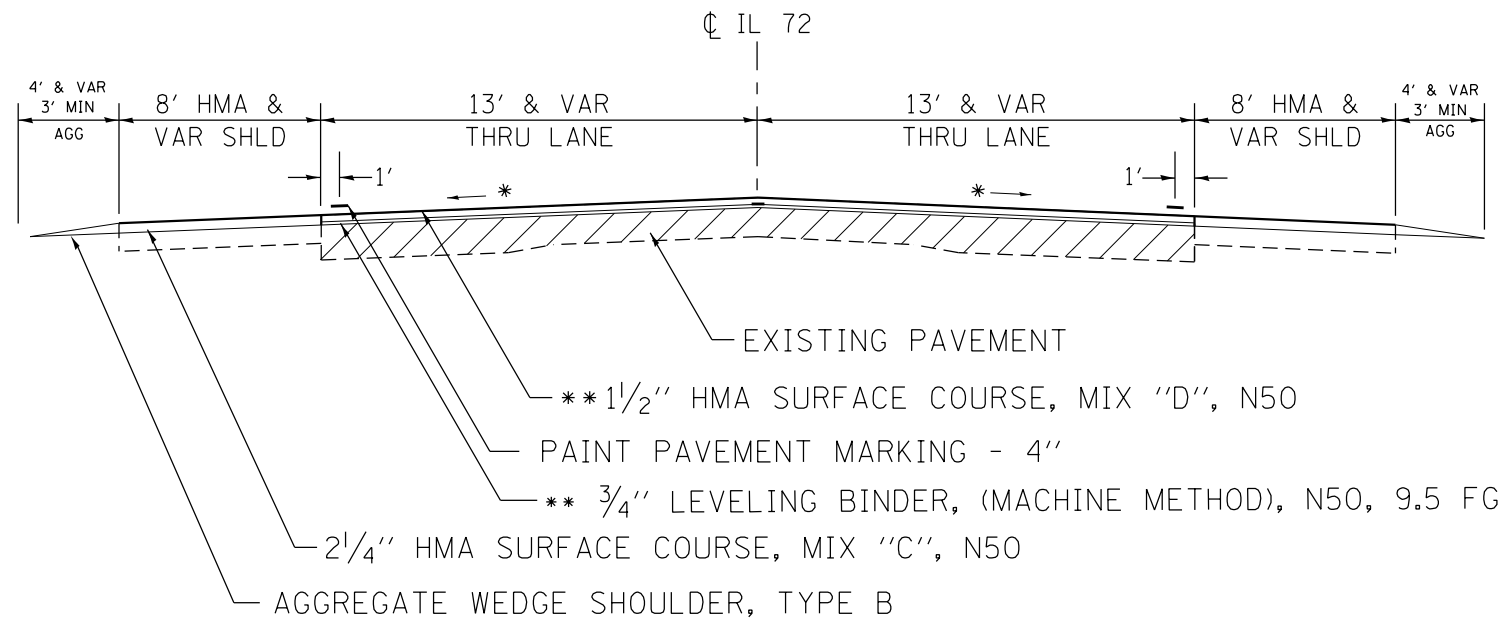
TYPICAL SECTIONS

STA. 1529+77.50 - 1642+47
 STA. 1646+37 - 1662+44
 STA. 1681+97.50 - 1706+00

STA. 1805+75 - 1844+53
 STA. 1851+23.50 - 1871+70
 STA. 1885+90 - 1886+23
 STA. 1889+04 - 1899+26.50
 STA. 1903+79.50 - 1908+44



STA. 1908+44 - 1909+42.50



REMOVAL

EXISTING

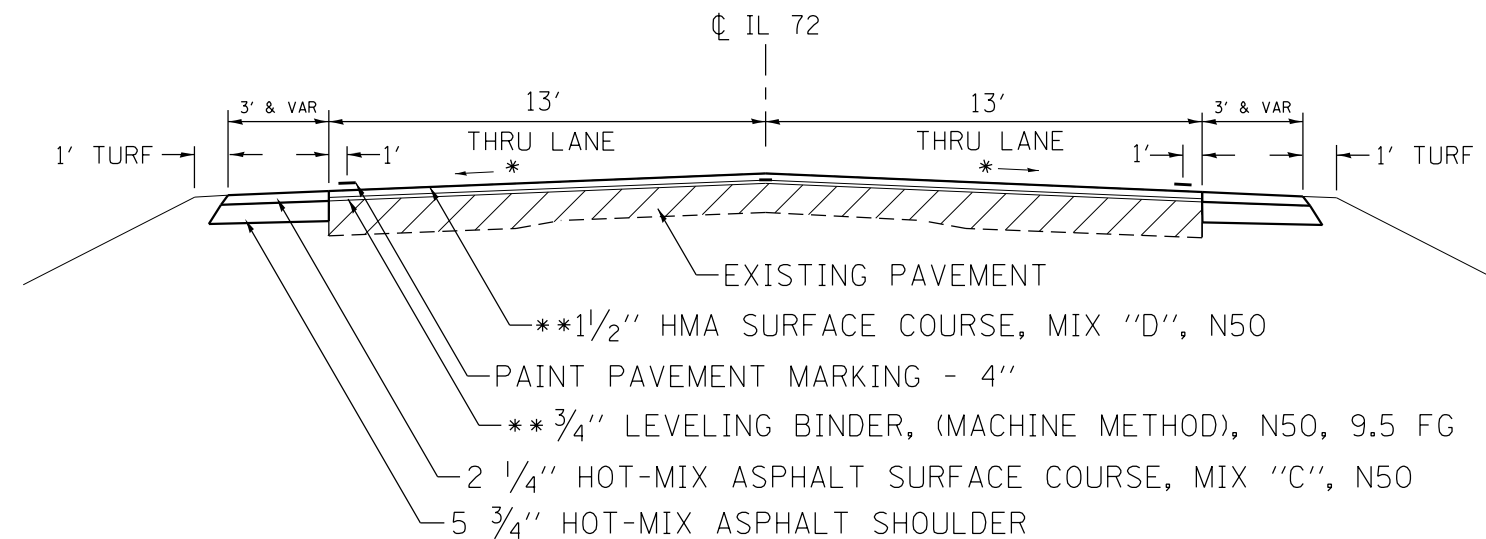
* MAINTAIN EXISTING CROSS SLOPE (MIN 1/8"/FT)
 ** HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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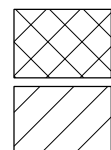
TYPICAL SECTIONS

STA. 1706+00 - 1735+98 (3' SHLDR LT & RT)
 STA. 1735+98 - 1736+76 (6' SHLDR LT W/ BUTT JT. @ CHURCH AND 3' SHLDR RT)
 STA. 1736+76 - 1739+40 (3' & VAR TO MAILBOXES)
 STA. 1739+40 - 1740+84.5 (3' SHLDR LT & RT)
 STA. 1742+44.5 - 1768+25.5 (3' SHLDR LT & RT)
 STA. 1768+93.5 - 1771+30 (HMA SURFACE REMOVAL 2 1/4")
 STA. 1771+97.5 - 1780+32.5

RAILROAD PAVING GAP STA. 1741+52 - 1741+77
 IL 251 PAVING GAP STA. 1781+00 - 1788+00



NOTE: AREA AT CHURCH (LT) 1736+00 +/-
 SHALL BE PAVED USING THE ENTRANCE
 TYPICAL TO THE 6' DISTANCE



REMOVAL

EXISTING

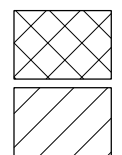
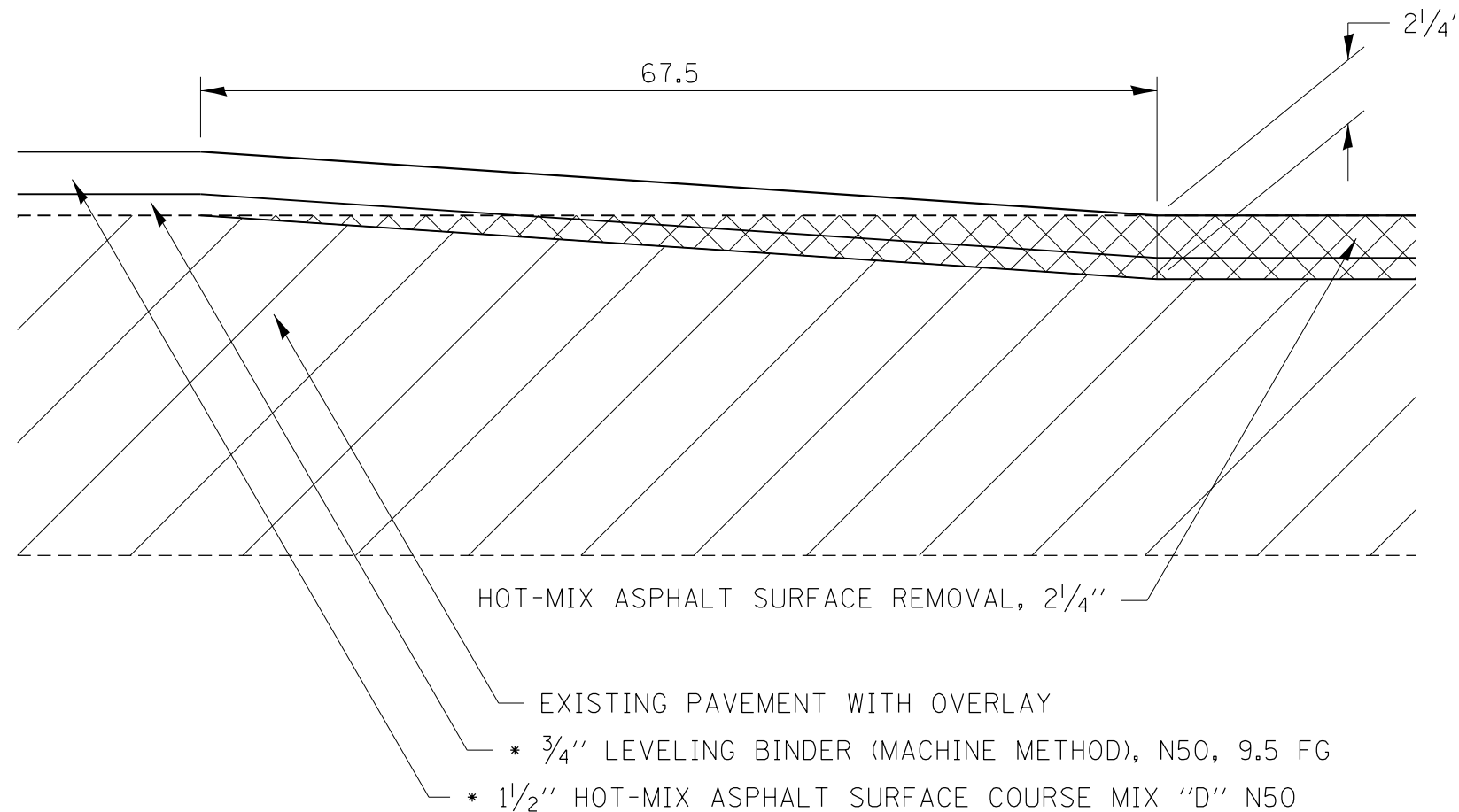
* MAINTAIN EXISTING CROSS SLOPE (MIN 1/8"/FT)
 ** HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2017\Drawings\CAD\Sheets\20171111-sht-tyr.dgn		CHECKED -	REVISED -		553	(119.120)RS-5	OGLE	97	17			
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	PLOT DATE = Mar-15-2017 08:33:27 AM				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

TYPICAL SECTIONS

2 1/4" TAPERS

STA. 1529+10 - 1529+77.50
 STA. 1662+44 - 1663+11.50
 STA. 1681+30 - 1681+97.50
 STA. 1768+25.50 - 1768+93
 STA. 1771+30 - 1771+97.50
 STA. 1844+53 - 1845+20.50
 STA. 1850+56 - 1851+23.50
 STA. 1886+23 - 1886+90.50
 STA. 1888+36.50 - 1889+04
 STA. 1899+26.50 - 1899+94
 STA. 1903+12 - 1903+79.50



REMOVAL

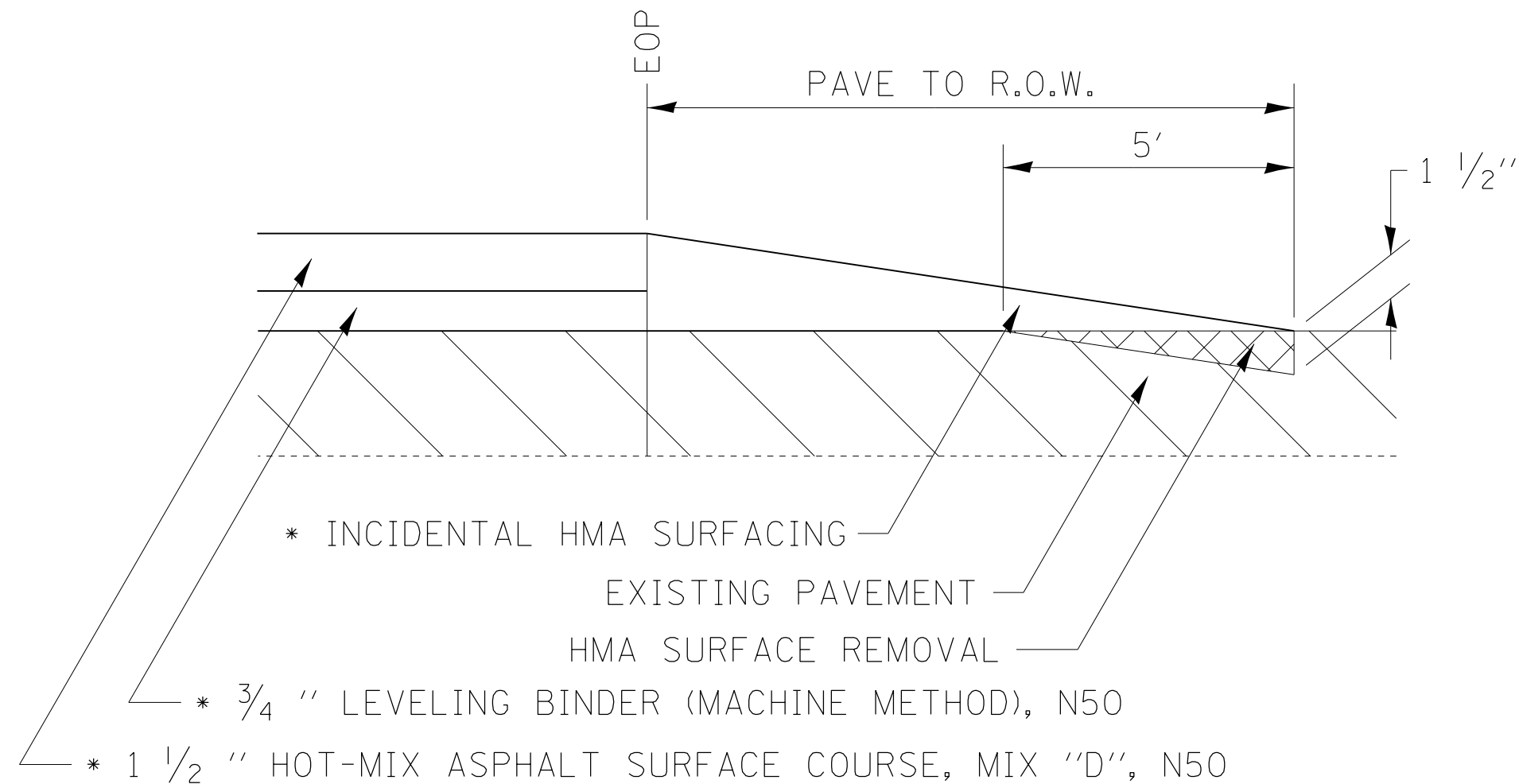
EXISTING

*HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = Mar-15-2017 08:33:53 AM				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

TYPICAL SECTIONS

ENTRANCES



REMOVAL



EXISTING

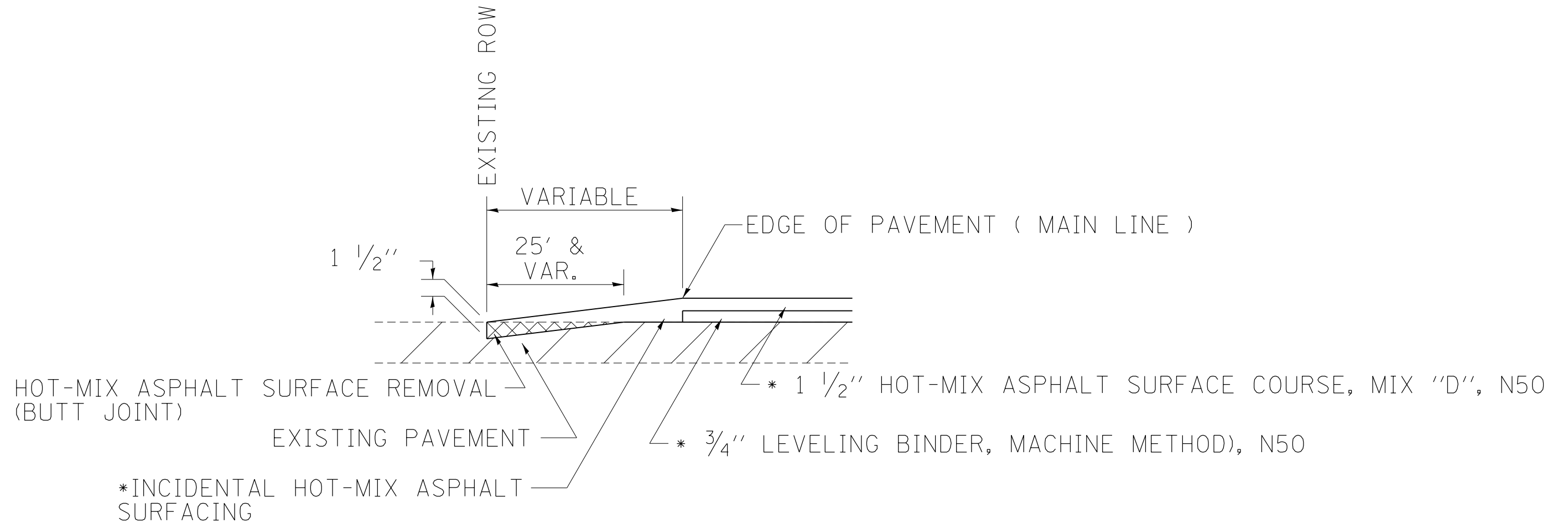
* HMA SURFACE & LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\2020\Drawings\CADsheets\20201111-sht-tyr.dgn		CHECKED -	REVISED -		553	119.120RS-5	OGLE	97	19			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT				
	PLOT DATE = Mar-15-2017 08:34:09 AM				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

TYPICAL SECTIONS

BUTT JOINT - TAPER SIDE ROADS

ARMOUR RD, SOUTH	GOODRICH ST, NORTH/SOUTH
ROTHWELL RD, NORTH	UNION ST, SOUTH
MOODY ST, NORTH	JUNCTION WAY, NORTH
MABLE ST, NORTH/SOUTH	TIMBER LANE, SOUTH
ALLEY, SOUTH	FAIR OAKS DR, NORTH
MAPLE ST/JUNCTION RD, NORTH/SOUTH	KILLBUCK RD, NORTH/SOUTH
MAPLE COURT, SOUTH	



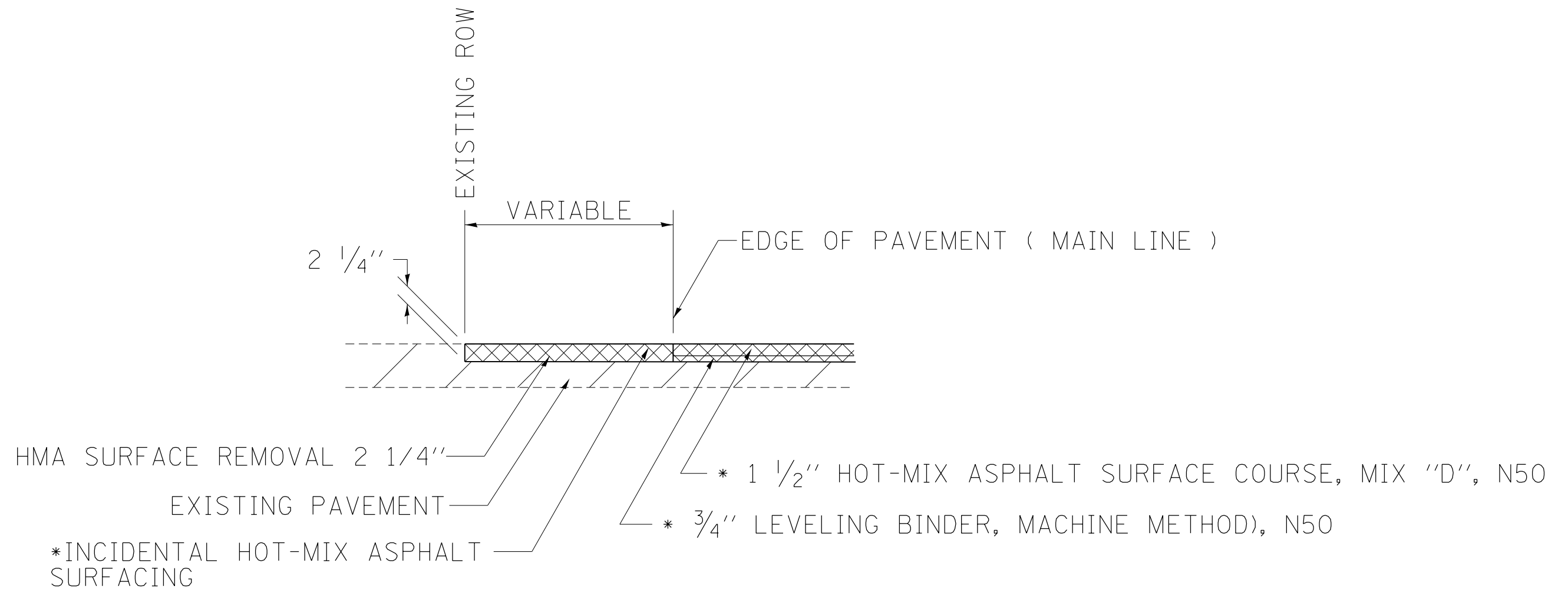
*HMA SURFACE & LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\02071111\Drawings\CAD\Sheets\02071111-sht-tyr.dgn		CHECKED -	REVISED -		553	119.120RS-5	OGLE	97	20			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 64H06							
	PLOT DATE = Mar-15-2017 08:34:25 AM				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT

TYPICAL SECTIONS

BUTT JOINT - TAPER SIDE ROADS

HICKORY ST, SOUTH	MAPLE ST, NORTH
HICKORY ST, NORTH	MAPLE ST, SOUTH
PINE ST, SOUTH	SPRUCE ST, SOUTH
PINE ST, NORTH	ELM ST, NORTH
WALNUT ST, NORTH	MERIDIAN ST, NORTH
WALNUT ST, SOUTH	MERIDIAN ST, SOUTH



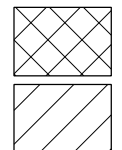
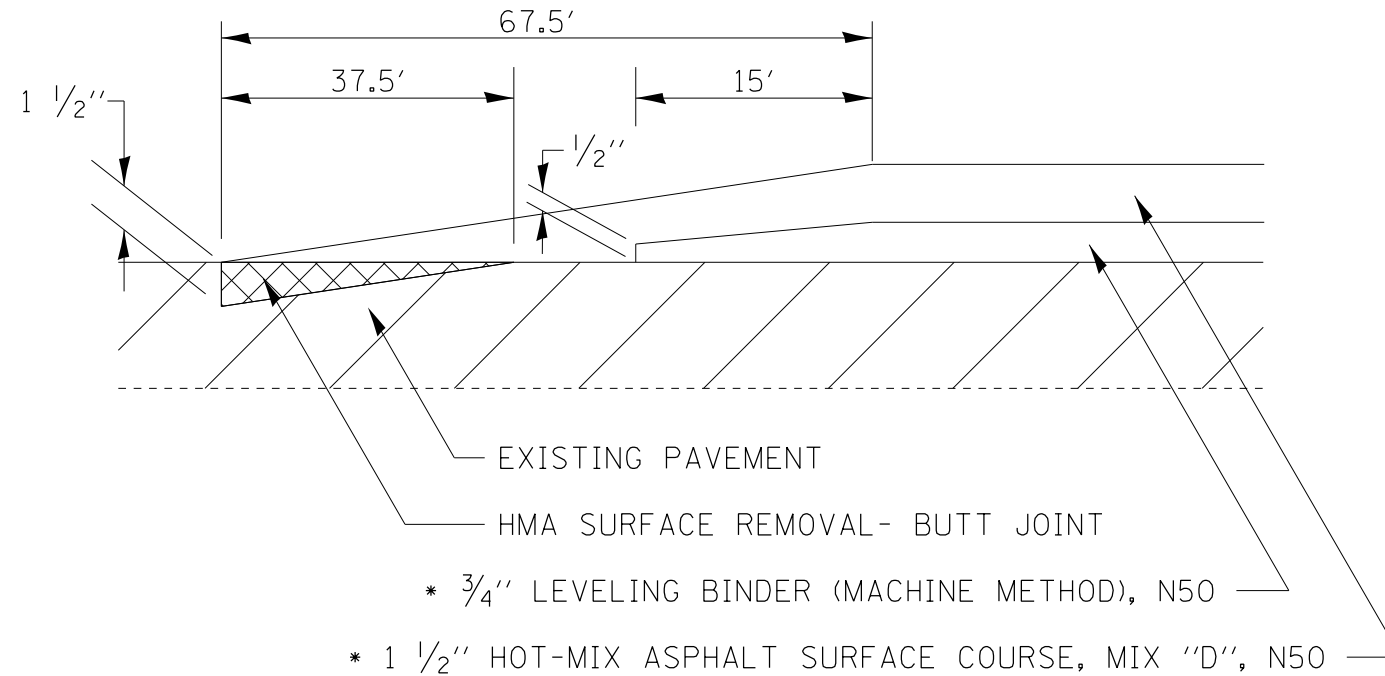
*HMA SURFACE & LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\02071111\Drawings\CAD\Sheets\02071111-sht-typ.dgn		CHECKED -	REVISED -		553	119.120RS-5	OGLE	97	21			
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	PLOT DATE = Mar-15-2017 08:34:39 AM				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

TYPICAL SECTIONS

BUTT JOINT - TAPER

STA. 1740+84.50 - 1741+52
 STA. 1741+77 - 1742+44.50
 STA. 1780+32.50 - 1781+00
 STA. 1788+00 - 1788+67.50
 STA. 1909+42.50 - 1910+10



REMOVAL

EXISTING

* HMA SURFACE & LEVELING BINDER RATE OF APPLICATION: 112 LBS/SQ YD/IN

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 72			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2017\Drawings\CA0\Sheets\20171111-sht-typ.dgn		CHECKED -	REVISED -		553	119.120RS-5	OGLE	97	22			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT				
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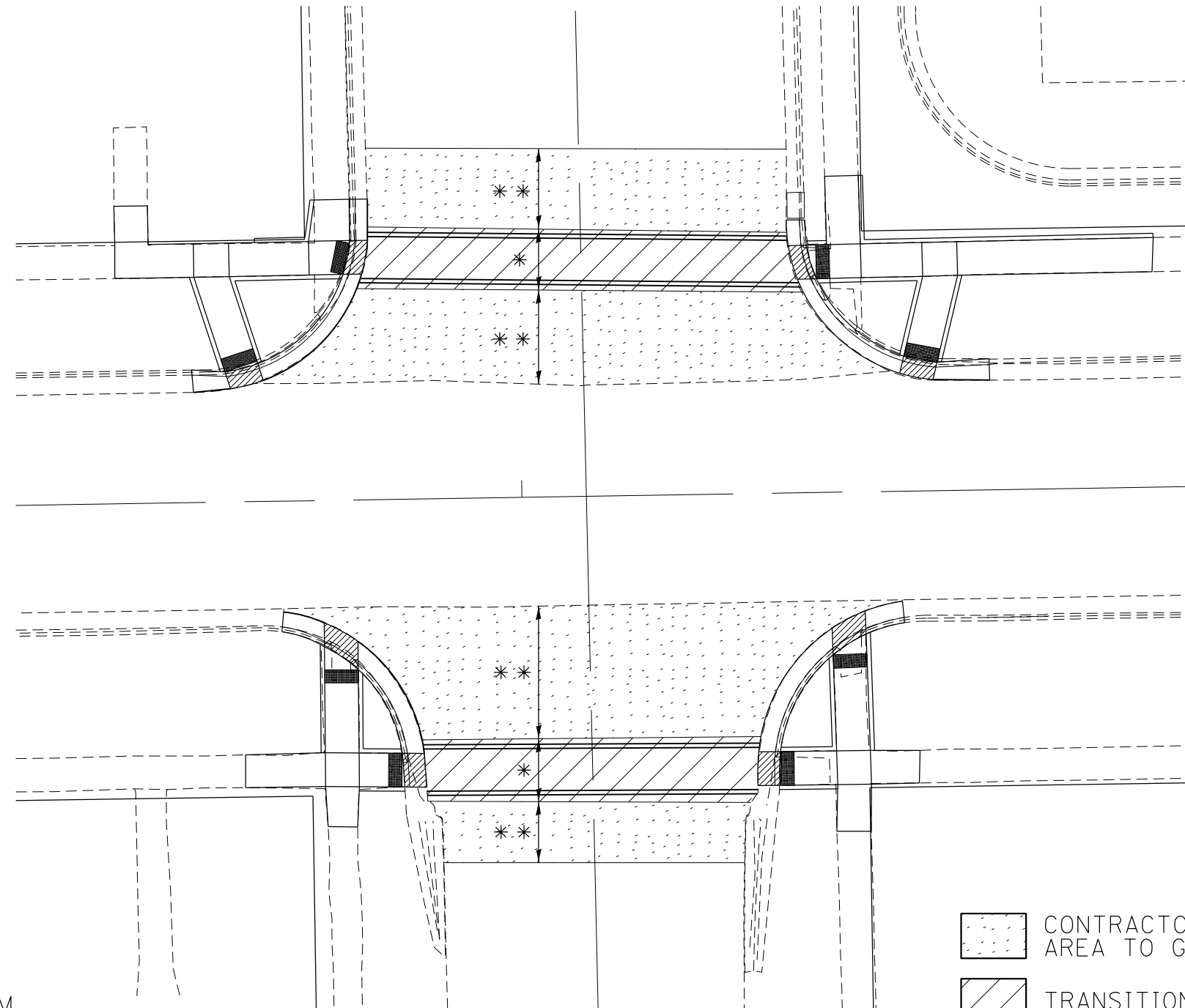
TYPICAL ADA SIDEWALK CROSSING



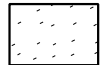
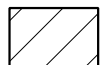
EXEMPT SIDEROADS TO POLICY
- NONE THIS PROJECT

SIDEROADS TO FOLLOW TYPICAL

- HICKORY ST, NORTH
- HICKORY ST, SOUTH
- PINE ST, NORTH
- PINE ST, SOUTH
- WALNUT ST, SOUTH
- WALNUT ST, NORTH
- MAPLE ST, NORTH
- MAPLE ST, SOUTH
- SPRUCE ST, SOUTH
- MAPLE CT, NORTH
- GOODRICH AVE, SOUTH



* 1% PREFERRED, 2% MAXIMUM
** 8% MAXIMUM, MAY BE FLATTER

 CONTRACTOR SHALL COMPLETE WORK IN SHADED AREA TO GRADES SHOWN, R.E. SHALL VERIFY
 TRANSITION AREA TO MATCH

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL ADA SIDEWALK CROSSING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2020\Drawings\CAD\Sheets\20201111-sht-tp.dgn		CHECKED -	REVISED -		553	(119.120)RS-5	OGLE	97	23			
Default	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -		CONTRACT NO. 64H06							
	PLOT DATE = Mar-15-2017 08:30:02 AM				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT

CLASS B PATCHING

13 FEET LANE WIDTH

STATION	REMARKS	LENGTH OF PATCH		AREA OF PATCHES								44213200	44201299	44213202	42001200	
				TYPE 1		TYPE 2		TYPE 3		TYPE 4		SAW CUTS	DOWEL BARS	TIE BARS	PAVEMENT FABRIC	
		LT LANE (feet)	RT LANE (feet)	LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)	(3W + ?L) (feet)	1 1/2" (each)	1" (each)
1493 + 87		6	6			8.7	8.7						84	44		
1494 + 71		6	6			8.7	8.7						84	44		
1497 + 49		6	6			8.7	8.7						84	44		
1501 + 17		6	6			8.7	8.7						84	44		
1502 + 33		6	6			8.7	8.7						84	44		
1504 + 34		6	6			8.7	8.7						84	44		
1507 + 29		6	6			8.7	8.7						84	44		
1515 + 39		6	6			8.7	8.7						84	44		
1518 + 33		6	6			8.7	8.7						84	44		
1519 + 66		6	6			8.7	8.7						84	44		
1520 + 14		6	6			8.7	8.7						84	44		
1520 + 65		6	6			8.7	8.7						84	44		
1528 + 83		6	6			8.7	8.7						84	44		
1530 + 86		6	6			8.7	8.7						84	44		
1533 + 25		6	6			8.7	8.7						84	44		
1735 + 40		6	6			8.7	8.7						84	44		
1536 + 37		6	6			8.7	8.7						84	44		
1537 + 86		6	6			8.7	8.7						84	44		
1541 + 60		6	6			8.7	8.7						84	44		
1543 + 7		6	6			8.7	8.7						84	44		
1545 + 47		6	6			8.7	8.7						84	44		
1548 + 18		6	12			8.7			17.3				90	44		17.3
1550 + 45		6	6			8.7	8.7						84	44		
1551 + 98		6	6			8.7	8.7						84	44		
1560 + 82		6	6			8.7	8.7						84	44		
1564 + 12		6	12			8.7			17.3				90	44		17.3
1565 + 88		6	6			8.7	8.7						84	44		
1572 + 10		6	6			8.7	8.7						84	44		
1576 + 67		6	6			8.7	8.7						84	44		
1579 + 96		6	6			8.7	8.7						84	44		
1581 + 32		6				8.7							45	22		
1585 + 72		6				8.7							45	22		
1586 + 84		6	15			8.7			21.7				93	44		21.7
1589 + 62		6	6			8.7	8.7						84	44		
1590 + 88		6	6			8.7	8.7						84	44		
1592 + 19		6	6			8.7	8.7						84	44		
1593 + 23		6	6			8.7	8.7						84	44		
1596 + 81		6	6			8.7	8.7						84	44		
1599 + 38		6	18			8.7					26.0		96	44		26.0
1601 + 4		6	6			8.7	8.7						84	44		
1602 + 95		6	6			8.7	8.7						84	44		
1605 + 25		6	6			8.7	8.7						84	44		
1608 + 98		6	6			8.7	8.7						84	44		
1611 + 35		6	6			8.7	8.7						84	44		
1620 + 31		6	6			8.7	8.7						84	44		
1620 + 86		6	6			8.7	8.7						84	44		
1629 + 16		6	6			8.7	8.7						84	44		
1635 + 59		6	6			8.7	8.7						84	44		

SEE FINAL PAGE FOR TOTALS

CLASS B PATCHING

13 FEET LANE WIDTH

STATION	REMARKS	LENGTH OF PATCH		AREA OF PATCHES								44213200	44201299	44213202	42001200
		LT LANE (feet)	RT LANE (feet)	TYPE 1		TYPE 2		TYPE 3		TYPE 4		SAW CUTS	DOWEL BARS	TIE BARS	PAVEMENT FABRIC
				(yd ²)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(3W + ?L) (feet)	1 1/2" (each)	1" (each)	(yd ²)
1640 + 90		6	6			8.7	8.7					84	44		
1643 + 33		6	6			8.7	8.7					84	44		
1653 + 99		6	6			8.7	8.7					84	44		
1662 + 89		6	6			8.7	8.7					84	44		
1681 + 69		6	6			8.7	8.7					84	44		
1682 + 44		6	6			8.7	8.7					84	44		
1684 + 35		6	6			8.7	8.7					84	44		
1687 + 86		6	6			8.7	8.7					84	44		
1692 + 32		6	6			8.7	8.7					84	44		
1701 + 51		6	6			8.7	8.7					84	44		
1706 + 36		6	6			8.7	8.7					84	44		
1709 + 76		6	6			8.7	8.7					84	44		
1715 + 26		6	6			8.7	8.7					84	44		
1721 + 54		6	6			8.7	8.7					84	44		
1727 + 20		6	6			8.7	8.7					84	44		
1733 + 7		6	6			8.7	8.7					84	44		
1739 + 37		6	6			8.7	8.7					84	44		
1750 + 48		6	6			8.7	8.7					84	44		
1757 + 6		6	6			8.7	8.7					84	44		
1758 + 91		6	6			8.7	8.7					84	44		
1767 + 69		6	6			8.7	8.7					84	44		
1773 + 34		6	6			8.7	8.7					84	44		
1772 + 95		6	6			8.7	8.7					84	44		
+ 00	IL 251														
1788 + 9		6	6			8.7	8.7					84	44		
1788 + 18		6	6			8.7	8.7					84	44		
1796 + 6		6	8			8.7	11.6					86	44		
1796 + 68		6	6			8.7	8.7					84	44		
1799 + 5		6	6			8.7	8.7					84	44		
1801 + 11		6	6			8.7	8.7					84	44		
1803 + 75		6	6			8.7	8.7					84	44		
1807 + 54		30	40							43.3	57.8	118	44	19	101.1
1809 + 29		15	6				8.7	21.7				93	44		21.7
1810 + 34		20	6				8.7			28.9		98	44	9	28.9
1816 + 37		6	6			8.7	8.7					84	44		
1817 + 38		6	6			8.7	8.7					84	44		
1817 + 38		6	6			8.7	8.7					84	44		
1824 + 79		6	6			8.7	8.7					84	44		
1828 + 36		6	6			8.7	8.7					84	44		
1837 + 64		6	6			8.7	8.7					84	44		
1844 + 42		6	6			8.7	8.7					84	44		
1850 + 31		6	6			8.7	8.7					84	44		
1851 + 92		6	6			8.7	8.7					84	44		
1853 + 79		6	6			8.7	8.7					84	44		
1854 + 45		6	6			8.7	8.7					84	44		

****SEE FINAL PAGE FOR TOTALS****

CLASS B PATCHING

13 FEET LANE WIDTH

STATION	REMARKS	LENGTH OF PATCH		AREA OF PATCHES								44213200	44201299	44213202	42001200	
		LT LANE (feet)	RT LANE (feet)	TYPE 1		TYPE 2		TYPE 3		TYPE 4		SAW CUTS (3W + ?L) (feet)	DOWEL BARS 1 1/2" (each)	TIE BARS 1" (each)	PAVEMENT FABRIC (yd ²)	
				LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)					
1855 + 23		6	6			8.7	8.7					84	44			
1855 + 89		6	6			8.7	8.7					84	44			
1856 + 72		6	6			8.7	8.7					84	44			
1857 + 80		6	6			8.7	8.7					84	44			
1860 + 69		6	6			8.7	8.7					84	44			
1862 + 46		6	6			8.7	8.7					84	44			
1863 + 18		6	6			8.7	8.7					84	44			
1864 + 33		6	8			8.7	11.6					86	44			
1864 + 70		6	6			8.7	8.7					84	44			
1866 + 53		6	6			8.7	8.7					84	44			
1868 + 9		6	6			8.7	8.7					84	44			
1869 + 33		6	6			8.7	8.7					84	44			
1871 + 14		6	6			8.7	8.7					84	44			
1871 + 92		6	6			8.7	8.7					84	44			
1875 + 43		6	6			8.7	8.7					84	44			
1879 + 80		6	6			8.7	8.7					84	44			
1881 + 77		6	6			8.7	8.7					84	44			
1882 + 70		6	6			8.7	8.7					84	44			
1888 + 22		6	6			8.7	8.7					84	44			
1889 + 22		6	6			8.7	8.7					84	44			
1892 + 28		6	6			8.7	8.7					84	44			
1892 + 80		6	6			8.7	8.7					84	44			
1894 + 73		6	6			8.7	8.7					84	44			
1902 + 76		6	6			8.7	8.7					84	44			
1904 + 99		6	6			8.7	8.7					84	44			
1908 + 62		6	6			8.7	8.7					84	44			
+ 00																
10% total																
		TOTAL				996.7	967.8	21.7	56.3	130.0	83.8	10128.0	5184.0	48.0	130.0	364.0

HOT-MIX ASPHALT SCHEDULE

STATIONING	REMARKS	LENGTH	PROPOSED SURFACE		40600290	40603335	44000158	48102100	40600982	40600990	40800050	40603310	40600527	X4400196	48203020
			WIDTH	SQ YD	BIT MATS TACK COAT POUND	HMA SURFACE CSE SUPER PAVE MIX "D" N50 TON	HMA SURFACE REMOVAL 2.25" SQ YD	AGG WEDGE SHLDS TYPE B TON	HMA SURFACE REMOVAL BUTT JT SQ YD	TEMPORARY RAMP SQ YD	INCIDENTAL HMA SURFACING TON	HMA SURFACE CSE, MIX "C" TON	LEVEL BINDER N50 (MM), N50, 9.5 FG TON	HMA SURFACE REMOVAL SPECIAL SQ YD	HOT-MIX ASPHALT SHOULDER 5.75" SQ YD
MAINLINE															
1489 + 69 - 1490 + 6	begin milling-but joint	37.00	26	106.89	72.15	8.98	106.89			21.70					
1490 + 6 - 1490 + 32	Hickory St.	26.00	26	75.11	50.70	6.31	75.11						5.99		
1490 + 32 - 1496 + 19	parking lanes Lt & Rt	587.00	46	3000.22	2025.15	252.02	3000.22						4.21		
1496 + 19 - 1496 + 90	Pine St.	71.00	26	299.78	202.35	25.18	205.11						168.01		
1496 + 90 - 1498 + 95	parking lanes Lt & Rt	205.00	46	1047.78	707.25	88.01	1047.78						16.79		
1498 + 95 - 1524 + 96	butt joint at structure	2601.00	26	7514.00	5071.95	631.18	7514.00			21.70			58.68		
1524 + 96 - 1525 + 95	structure-paving gap	99.00	26	286.00									420.78		
1525 + 95 - 1529 + 10	end milling at end of guard rail Lt.	315.00	26	910.00	614.25	76.44	910.00			21.70					
1529 + 10 - 1529 + 77.5	taper	67.50	26	195.00	131.63	16.38	195.00	12.69					10.92		
1529 + 77.5 - 1642 + 47		11269.50	26	32556.33	21975.53	2734.73		1323.47					1823.15		
1642 + 47 - 1646 + 37	Lt. bit shoulder	390.00	26	1126.67	760.50	94.64		38.00				21.84	63.09		
1646 + 37 - 1662 + 44		1607.00	26	4642.44	3133.65	389.97		203.02					259.98		
1662 + 44 - 1663 + 11.5	taper	67.50	26	300.00	202.50	25.20	195.00	10.69					16.80		
1663 + 11.5 - 1672 + 0	milled area	888.50	26	3948.89	2665.50	331.71	2566.78	109.19		21.70			221.14		
1672 + 0 - 1674 + 3	butt joint at structure														
1674 + 3 - 1674 + 30	structure-paving gap	203.00	26	586.44											
1674 + 3 - 1681 + 30	milled area	727.00	26	3231.11	2181.00	271.41	2100.22	92.80		21.70			180.94		
1681 + 30 - 1681 + 97.5	butt joint at structure												0.00		
1681 + 97.5 - 1681 + 97.5	taper	67.50	26	300.00	202.50	25.20	195.00	12.69					16.80		
1681 + 98 - 1706 + 0		2402.50	26	6940.56	4684.88	583.01		303.62					388.67		
1706 + 0 - 1740 + 84.5	Davis Jct. Village limits	3484.50	26	10066.33	6794.78	845.57						1070.70	563.71		2323.00
1736 + 76 - 1739 + 40 shoulder width is 3' & varies to mailboxes															
1740 + 84.5 - 1741 + 52	butt joint	67.50	26	195.00	131.63	16.38			108.00	21.70		6.30	10.92		45.00
1741 + 52 - 1741 + 77	R.R. paving gap	25.00	26												
1741 + 77 - 1742 + 44.5	butt joint	67.50	26	195.00	131.63	16.38			108.00	21.70		6.30	10.92		45.00
1742 + 44.5 - 1768 + 25.5		2581.00	26	7456.22	5032.95	626.32						240.89	417.55		1720.67
1768 + 25.5 - 1768 + 93	taper	67.50	26	195.00	131.63	16.38	195.00	10.92				6.30	10.92		45.00
1768 + 93 - 1771 + 30	milled area	237.00	26	684.67	462.15	57.51	684.67	158.00				22.12	38.34		
1771 + 30 - 1771 + 97.5	taper	67.50	26	195.00	131.63	16.38	195.00	45.00				6.30	10.92		
1771 + 97.5 - 1780 + 32.5		835.00	26	2412.22	1628.25	202.63						73.93	135.08		556.67
1780 + 32.5 - 1781 + 0	butt joint	67.50	26	195.00	131.63	16.38			108.00	21.70		6.30	10.92		45.00
1781 + 0 - 1781 + 0	paving gap														
1781 + 0 - 1788 + 0	IL 251 intersection	700.00	26	2022.22											
1788 + 0 - 1788 + 67.5	butt joint	67.50	26	195.00	131.63	16.38		10.69	108.00	21.70			10.92		45.00
1788 + 67.5 - 1796 + 60	Rt. wide shoulder	792.50	26	2289.44	1545.38	212.31		280.00					128.21		528.33
1796 + 60 - 1805 + 75	Lt. wide shoulder	915.00	26	2643.33	1784.25	242.04		330.00					148.03		
1805 + 75 - 1844 + 53		3878.00	26	11203.11	7562.10	941.06		471.66					627.37		
1788 + 67.5 - 1792 + 00	3' Paved shldr ends L&R	332.50			20.00										221.67
1844 + 53 - 1845 + 20.5	milled area - taper	67.50	26	195.00	131.63	16.38	195.00	12.69					10.92		
1845 + 20.5 - 1846 + 0	butt joint at structure	79.50	26	229.67	155.03	19.29	229.67	14.05		21.70			12.86		
1846 + 0 - 1848 + 77	structure-paving gap	277.00	26	800.22											
1848 + 77 - 1850 + 56	butt joint at structure														
1848 + 77 - 1850 + 56	milled area	179.00	26	517.11	349.05	43.44	517.11	25.39		21.70			28.96		
1850 + 56 - 1851 + 23.5	taper	67.50	26	195.00	131.63	16.38	195.00	12.69					10.92		
1851 + 23.5 - 1871 + 70		2046.00	26	5910.67	3989.70	496.50		253.02					331.00		
1871 + 70 - 1885 + 90	Lt. bit shoulder	1420.00	26	4102.22	2769.00	344.59		416.00				129.00	229.72		
1885 + 90 - 1886 + 23		33.00	26	95.33	64.35	8.01		6.76					5.34		
1886 + 23 - 1886 + 90.5	taper	67.50	26	195.00	131.63	16.38	195.00	12.69					10.92		
1886 + 90.5 - 1888 + 36.5	milled area	146.00	26	421.78	284.70	35.43	421.78	21.63					23.62		
1888 + 36.5 - 1889 + 4	taper	67.50	26	195.00	131.63	16.38	195.00	12.69					10.92		
1889 + 4 - 1899 + 26.5		1022.50	26	2953.89	1993.88	248.13		136.45					165.42		
1899 + 26.5 - 1899 + 94	taper	67.50	26	195.00	131.63	16.38	195.00	10.69					10.92		
1899 + 94 - 1900 + 91	begin milling	97.00	26	280.22	189.15	23.54	280.22	16.05					15.69		

SEE FINAL PAGE FOR TOTALS

HOT-MIX ASPHALT SCHEDULE

STATIONING	REMARKS	LENGTH	PROPOSED SURFACE		40600290	40603335	44000158	48102100	40600982	40600990	40800050	40603310	40600527	X4400196	48203020
			WIDTH	SQ YD	BIT MATS TACK COAT POUND	HMA SURFACE CSE SUPER PAVE MIX "D" N50 TON	HMA SURFACE REMOVAL 2.25" SQ YD	AGG WEDGE SHLDS TYPE B TON	HMA SURFACE REMOVAL BUTT JT SQ YD	TEMPORARY RAMP SQ YD	INCIDENTAL HMA SURFACING TON	HMA SURFACE CSE, MIX "C" TON	LEVEL BINDER N50 (MM), N50, 9.5 FG TON	HMA SURFACE REMOVAL SPECIAL SQ YD	HOT-MIX ASPHALT SHOULDER 5.75" SQ YD
MAINLINE															
1900 + 91 - 1902 + 59	3' shldr Rt. & Mill	168.00	26	485.33	327.60	40.77	485.33	24.13				5.43	27.18		
1902 + 59 - 1903 + 12	end milling	53.00	26	153.11	103.35	12.86	153.11	9.04					8.57		
1903 + 12 - 1903 + 79.5	taper	67.50	26	195.00	131.63	16.38	195.00	17.69					10.92		
1903 + 79.5 - 1908 + 44		464.50	26	1341.89	905.78	112.72		57.90					75.15		
1908 + 44 - 1909 + 42.5	shoulder taper	98.50	34	372.11	251.18	31.26		16.22				47.71	20.84		
	begins L&R		26' to 42'												
1909 + 42.5 - 1910 + 10	project ends - butt joint	67.50	42	315.00	212.63	26.46	315.00	12.69	108.00	21.70		39.69	17.64		
SIDEROADS															
	pave sideroads to ROW line														
1491 + 85	Hickory Street South			88.00	59.40				88.00		15.40				
1491 + 85	Hickory Street North			88.00	59.40				88.00		15.40				
1496 + 54	Pine Street South			88.00	59.40				88.00		15.40				
1496 + 54	Pine Street North			88.00	59.40				88.00	21.70	15.40				
1501 + 25	Walnut Street North			85.00	57.38				85.00	21.70	14.88				
1501 + 25	Walnut Street South			85.00	57.38				85.00	21.70	14.88				
1505 + 99	Maple Steet North			83.00	56.03				83.00	21.70	14.53				
1505 + 99	Maple Street South			83.00	56.03				83.00	21.70	14.53				
1507 + 86	Spruce Street South			82.00	55.35				82.00	21.70	14.35				
1510 + 32	Elm Street North			88.00	59.40				88.00	21.70	15.40				
1518 + 50	Meridian Street North			76.00	51.30				76.00	21.70	13.30				
1580 + 50	Meridian Street South			142.00	95.85				142.00	21.70	24.85				
1571 + 40	Armour Rd. South			163.00	110.03			4.0	163.00	21.70	28.53				
1598 + 92	Rothwell Road North			115.00	77.63			4.0	115.00	21.70	20.13				
1626 + 48	Whiterock Road South			102.00	68.85			4.0			17.85				
1680 + 0	Moulton Road North			100.00	67.50			4.0			17.50				
1720 + 90	Moody Street North			120.00	81.00				120.00	21.70	21.00				
1720 + 90	Moody Street South			120.00	81.00						21.00				
1724 + 65	Mabel Street North			121.00	81.68				121.00	21.70	21.18				
1724 + 65	Mabel Street South			121.00	81.68				121.00	21.70	21.18				
1726 + 40	Alley South			65.00	43.88				65.00	21.70	11.38				
1728 + 20	Elm Street North			102.00	68.85				102.00	21.70	17.85				
1728 + 20	Elm Street South			102.00	68.85				102.00	21.70	17.85				
1730 + 10	Alley South			67.00	45.23				67.00	21.70	11.73				
1732 + 0	Maple St./Junction Rd.			120.00	81.00			2.0	120.00	21.70	21.00				
1732 + 0	Maple St./Junction Rd.			120.00	81.00			2.0	120.00	21.70	21.00				
1733 + 60	Maple Court South			56.00	37.80				56.00	21.70	9.80				
1735 + 50	Goodrich Street North			80.00	54.00				80.00	21.70	14.00				
1735 + 50	Goodrich Street South			120.00	81.00				120.00	21.70	21.00				
1739 + 50	Union Street South			120.00	81.00				120.00	21.70	21.00				
1779 + 10	Junction Way North			667.00	450.23				667.00	21.70	116.73				
1839 + 35	Blackwood Road North			107.00	72.23			4.0			18.73				
1839 + 35	Blackwood Road South			107.00	72.23			4.0			18.73				
1886 + 20	Timber Lane South			83.00	56.03			4.0	83.00	21.70	14.53				
1888 + 60	Fair Oaks Drive North			83.00	56.03			4.0	83.00	21.70	14.53				
1903 + 60	Kilbuck Road North			103.00	69.53			4.0	103.00	21.70	18.03				
1903 + 60	Kilbuck Road South			103.00	69.53			4.0	103.00	21.70	18.03				

****SEE FINAL PAGE FOR TOTALS****

HOT-MIX ASPHALT SCHEDULE

STATIONING	REMARKS	LENGTH	PROPOSED SURFACE		40600290	40603335	44000158	48102100	40600982	40600990	40800050	40603310	40600527	X4400196	48203020
			WIDTH	SQ YD	BIT MATS TACK COAT POUND	HMA SURFACE CSE SUPER PAVE MIX "D" N50 TON	HMA SURFACE REMOVAL 2.25" SQ YD	AGG WEDGE SHLDS TYPE B TON	HMA SURFACE REMOVAL BUTT JT SQ YD	TEMPORARY RAMP SQ YD	INCIDENTAL HMA SURFACING TON	HMA SURFACE CSE, MIX "C" TON	LEVEL BINDER N50 (MM), N50, 9.5 FG TON	HMA SURFACE REMOVAL SPECIAL SQ YD	HOT-MIX ASPHALT SHOULDER 5.75" SQ YD
ENTRANCES	pave entrances to ROW														
RT. STA. 1560 + 70	PE + MB		12	113.30	76.48						15.07				
LT. STA. 1574 + 80	CE		45	200.00	135.00						26.60				
LT. STA. 1576 + 90	CE		45	200.00	135.00						26.60				
LT. STA. 1579 + 50	CE		45	200.00	135.00						26.60				
RT. STA. 1585 + 75	PE + MB		15	113.30	76.48						15.07				
LT. STA. 1596 + 00	PE + MB		14	109.40	73.85						14.55				
RT. STA. 1596 + 60	PE		14	54.40	36.72						7.24				
LT. STA. 1597 + 15	PE + MB		13	105.60	71.28						14.04				
RT. STA. 1602 + 86	PE + MB		15	113.30	76.48						15.07				
RT. STA. 1649 + 23	PE + MB		20	145.50	98.21						19.35				
RT. STA. 1651 + 90	FE			45.00				3.0							
RT. STA. 1658 + 00	FE			45.00				3.0							
LT. STA. 1668 + 12	PE + MB		14	109.40	73.85						14.55				
RT. STA. 1680 + 00	CE		45	290.00	195.75						38.57				
LT. STA. 1693 + 00	FE			45.00				3.0			5.99				
1706 + 00	DAVIS JCT LIMITS														
RT. STA. 1707 + 10	FE			45.00				3.0							
RT. STA. 1708 + 91	CE + MB			165.00	111.38						21.95				
RT. STA. 1710 + 36	CE + MB			165.10	111.44						21.96				
RT. STA. 1716 + 94	CE + MB			165.00	111.38						21.95				
LT. STA. 1718 + 27	CE PARK ENTRANCE			160.00	108.00						21.28				
LT. STA. 1722 + 01	PE		12	80.00	54.00						10.64				
RT. STA. 1723 + 06	DBL PE		30	125.00	84.38						16.63				
RT. STA. 1726 + 02	PE		12	82.00	55.35						10.91				
RT. STA. 1724 + 30	MB			55.00	37.13						7.32				
LT. STA. 1725 + 80	CE		45	175.00	118.13						23.28				
RT. STA. 1725 + 85	MB			55.00	37.13						7.32				
RT. STA. 1726 + 50	PE		12	82.00	55.35						10.91				
RT. STA. 1734 + 20	PE		13	82.00	55.35						10.91				
LT. STA. 1734 + 20	PE		18	82.00	55.35						10.91				
RT. STA. 1736 + 80	PE		16	83.00	56.03						11.04				
LT. STA. 1737 + 00	PE		12	79.00	53.33						10.51				
RT. STA. 1737 + 20	PE DBL		34	132.00	89.10						17.56				
LT. STA. 1737 + 88	PE		12	79.00	53.33						10.51				
RT. STA. 1737 + 38 - 1738 + 44	MULTIPLE MB'S	12	106	152.00	102.60						20.22				
LT. STA. 1738 + 14	DBL PE		25	125.00	84.38						16.63				
LT. STA. 1739 + 20	CE			110.00	74.25						14.63				
RT. STA. 1740 + 25	CE			110.00	74.25						14.63				
LT. STA. 1740 + 38	CE			110.00	74.25						14.63				
LT. STA. 1743 + 20	PE		12	82.00	55.35						10.91				
RT. STA. 1744 + 00	MB			55.00	37.13						7.32				
RT. STA. 1744 + 20	CE			115.00	77.63						15.30				
RT. STA. 1747 + 20	MB			55.00	37.13						7.32				
RT. STA. 1747 + 20	FE			45.00				3.0							
LT. STA. 1747 + 23	PE		12	82.00	55.35						10.91				
LT. STA. 1758 + 60	FE			45.00				3.0							
RT. STA. 1768 + 93 - 1771 + 30	MILL IN FRONT OF CE WITH 30' TAPERS			632.00				632.00			3.0				
RT. STA. 1776 + 00	CE			120.00	81.00						15.96				
RT. STA. 1777 + 90	CE			120.00	81.00						15.96				
LT. STA. 1788 + 62	CE			120.00	81.00						15.96				
RT. STA. 1804 + 55	CE			120.00	81.00						15.96				
RT. STA. 1804 + 90	MB			55.00	37.13						7.32				
RT. STA. 1806 + 95	DBL PE		25	160.00	108.00						21.28				
LT. STA. 1806 + 95	FE			45.00				3.0							

****SEE FINAL PAGE FOR TOTALS****

HOT-MIX ASPHALT SCHEDULE

STATIONING	REMARKS	LENGTH	PROPOSED SURFACE		40600290	40603335	44000158	48102100	40600982	40600990	40800050	40603310	40600527	X4400196	48203020
			WIDTH	SQ YD	BIT MATS TACK COAT POUND	HMA SURFACE CSE SUPER PAVE MIX "D" N50 TON	HMA SURFACE REMOVAL 2.25" SQ YD	AGG WEDGE SHLDS TYPE B TON	HMA SURFACE REMOVAL BUTT JT SQ YD	TEMPORARY RAMP SQ YD	INCIDENTAL HMA SURFACING TON	HMA SURFACE CSE, MIX "C" TON	LEVEL BINDER N50 (MM), N50, 9.5 FG TON	HMA SURFACE REMOVAL SPECIAL SQ YD	HOT-MIX ASPHALT SHOULDER 5.75" SQ YD
ENTRANCES	pave entrances to ROW														
LT. STA. 1882 + 10	PE		18	70.00	47.25						9.31				
RT. STA. 1882 + 40	PE		17	66.00	44.55						8.78				
LT. STA. 1883 + 30	PE		14	54.00	36.45						7.18				
RT. STA. 1883 + 70	PE		18	70.00	47.25						9.31				
LT. STA. 1883 + 80	PE		17	66.00	44.55						8.78				
RT. STA. 1885 + 35	PE		16	62.00	41.85						8.25				
RT. STA. 1885 + 56	MB			55.00	37.13						7.32				
LT. STA. 1885 + 90	PE		15	58.30	39.35						7.75				
	5% quantity for wedges										50				
1492 + 19 - 1910 + 10	6" Milling and paving centerline				1527.19	190.05								2263.00	
SUBTOTAL				141277.83	93634.95	10517.40	23390.00	4369.95	4247.00	889.70	2094.53	1686.82	6858.23	2263.00	5778.33
TOTALS				141277.83	93634.95	10517.40	23390.00	4369.95	4247.00	889.70	2094.53	1686.82	6858.23	2263.00	5778.33

SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	UNIT	REMARK
STA. 1582+64 RT	8	
STA. 1582+64 RT	6	
STA. 1582+90 RT	6	
STA. 1584+56 LT	8	
STA. 1584+79 LT	10	
STA. 1891+40 RT	6	
STA. 1891+65 RT	6	
TOTAL	50	

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

LOCATION	UNIT	REMARK
STA. 1598+50 RT	25	
STA. 1560+50 LT	30	
STA. 1742+84 LT	30	
TOTAL	85	

20200600 EXCAVATING AND GRADING EXISTING SHOULDERS

LOCATION	UNIT	REMARK
STA. 1706+00 - 1740+75 LT & RT	69.5	Includes existing aggregate areas
STA. 1742+28 - 1781+00 LT & RT	77.4	at mailboxes
TOTAL	146.9	

21101615 TOPSOIL FURNISH AND PLACE, 4 INCH

LOCATION	SQ_YD	REMARKS
STA. 1491+60 L	1.9	
STA. 1491+60 R	2.2	
STA. 1492+05 L	1.4	
STA. 1492+05 R	1.9	SEE ADA PLAN SHEETS
STA. 1496+20 L	2.1	FOR LAYOUT AND GRADES
STA. 1496+20 R	1.5	
STA. 1496+75 L	1.2	
STA. 1496+75 R	2.6	
STA. 1500+80 R	3.6	
STA. 1500+80 L	2.0	
STA. 1501+55 L	1.2	
STA. 1501+55 R	2.1	
STA. 1505+50 R	1.1	
STA. 1506+00 R	1.6	
STA. 1506+05 L	2.4	
STA. 1507+50 R	1.6	
STA. 1507+70 R	9.9	
STA. 1510+55 L	2.1	
STA. 1731+90 R	8.0	
STA. 1731+90 L	17.1	
STA. 1732+30 L	2.4	
STA. 1732+30 R	0.5	
STA. 1733+85 L	0.3	
STA. 1734+05 L	0.3	
STA. 1735+50 R	1.9	
STA. 1735+75 R	1.9	
TOTAL	75	

21400100 GRADING AND SHAPING DITCHES

LOCATION	FOOT	REMARK
STA. 1730+76 - 1731+26	50	BOX CULVERT EXTENSION
STA. 1788+80 - 1800+90 RT	1210	Cleaning ditches
STA. 1790+40 - 1813+20 LT	2280	Cleaning ditches
STA. 1802+50 - 1804+50 RT	200	Remove hump and grade to surrounding elevation
TOTAL	3690.0	

25000110 SEEDING CLASS 1A

LOCATION	ACRE	REMARK
STA. 1706+00 - 1740+75 LT & RT	0.15	
STA. 1742+28 - 1781+00 LT & RT	0.16	
TOTAL	.31	

SCHEDULE OF QUANTITIES

25200100 SODDING

<u>LOCATION</u>	<u>SQ_YD</u>	<u>REMARKS</u>
STA. 1491+60 L	22	
STA. 1491+60 R	26	
STA. 1492+05 L	16	
STA. 1492+05 R	22	SEE ADA PLAN SHEETS
STA. 1496+20 L	24	FOR LAYOUT AND GRADES
STA. 1496+20 R	17	
STA. 1496+75 L	14	
STA. 1496+75 R	30	
STA. 1500+80 R	42	
STA. 1500+80 L	23	
STA. 1501+55 L	14	
STA. 1501+55 R	25	
STA. 1505+50 R	13	
STA. 1506+00 R	19	
STA. 1506+05 L	28	
STA. 1507+50 R	19	
STA. 1507+70 R	116	
STA. 1510+55 L	24	
STA. 1731+90 R	94	
STA. 1731+90 L	200	
STA. 1732+30 L	28	
STA. 1732+30 R	6	
STA. 1733+85 L	3	
STA. 1734+05 L	3	
STA. 1735+50 R	22	
STA. 1735+75 R	22	
TOTAL	872	

35101400 AGGREGATE BASE COURSE, TYPE B

<u>LOCATION</u>	<u>TON</u>	<u>REMARKS</u>
STA. 1492+19 - 1910+10	16	Aggregate entrances as needed by RE
TOTAL	16	

40600525 LEVELING BINDER (HAND METHOD), N50

<u>LOCATION</u>	<u>TON</u>	<u>REMARKS</u>
STA. 1492+19 - 1910+10	50	As needed by the RE
TOTAL	50	

42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

<u>LOCATION</u>	<u>SQ_FT</u>	<u>REMARKS</u>
STA. 1491+60 L	157	
STA. 1491+60 R	160	
STA. 1492+05 L	69	
STA. 1492+05 R	69	SEE ADA PLAN SHEETS
STA. 1496+20 L	211	FOR LAYOUT AND GRADES
STA. 1496+20 R	213	
STA. 1496+75 L	158	
STA. 1496+75 R	241	
STA. 1500+80 R	204	
STA. 1500+80 L	250	
STA. 1501+55 L	274	
STA. 1501+55 R	244	
STA. 1505+50 R	81	
STA. 1506+00 R	207	
STA. 1506+05 L	124	
STA. 1507+50 R	294	
STA. 1507+70 R	610	
STA. 1510+55 L	140	
STA. 1731+90 R	843	
STA. 1731+90 L	707	
STA. 1732+30 L	91	
STA. 1732+30 R	25	
STA. 1733+85 L	48	
STA. 1734+05 L	50	
STA. 1735+50 R	73	
STA. 1735+75 R	50	
TOTAL	5593	

42400800 DETECTABLE WARNINGS

<u>LOCATION</u>	<u>SQ_FT</u>	<u>REMARKS</u>
STA. 1491+60 L	20	
STA. 1491+60 R	20	
STA. 1492+05 L	10	
STA. 1492+05 R	10	SEE ADA PLAN SHEETS
STA. 1496+20 L	20	FOR LAYOUT AND GRADES
STA. 1496+20 R	20	
STA. 1496+75 L	20	
STA. 1496+75 R	20	
STA. 1500+80 R	20	
STA. 1500+80 L	24	
STA. 1501+55 L	24	
STA. 1501+55 R	20	
STA. 1505+50 R	10	
STA. 1506+00 R	20	
STA. 1506+05 L	10	
STA. 1507+50 R	10	
STA. 1507+70 R	10	
STA. 1510+55 L	16	
STA. 1731+90 R	30	
STA. 1731+90 L	30	
STA. 1732+30 L	10	
STA. 1732+30 R	10	
STA. 1733+85 L	10	
STA. 1734+05 L	10	
STA. 1735+50 R	10	
STA. 1735+75 R	10	
TOTAL	424	

SCHEDULE OF QUANTITIES

44000500 COMBINATION CURB AND GUTTER REMOVAL

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA. 1491+60 L	45	CURB LOCATED ON INTERSECTION CORNERS IN CONJUNCTION WITH ADA RAMPS SEE ADA PLANSHEETS
STA. 1491+60 R	36	
STA. 1492+05 L	23	
STA. 1492+05 R	40	
STA. 1496+20 L	31	
STA. 1496+20 R	33	
STA. 1496+75 L	27	
STA. 1496+75 R	32	
STA. 1500+80 R	40	
STA. 1500+80 L	35	
STA. 1501+55 L	45	
STA. 1501+55 R	42	
STA. 1505+50 R	20	
STA. 1506+00 L	15	
STA. 1506+00 R	36	
STA. 1507+70 R	32	
STA. 1510+30 L	34	
STA. 1731+90 R	55	
STA. 1731+90 L	69	
STA. 1732+30 L	18	
STA. 1732+30 R	11	
TOTAL	737	

44000600 SIDEWALK REMOVAL

<u>LOCATION</u>	<u>SQ FT</u>	<u>REMARKS</u>
STA. 1491+60 L	123	SEE ADA PLAN SHEETS FOR LAYOUT AND GRADES
STA. 1491+60 R	113	
STA. 1492+05 L	51	
STA. 1492+05 R	50	
STA. 1496+20 L	170	
STA. 1496+20 R	162	
STA. 1496+75 L	122	
STA. 1496+75 R	197	
STA. 1500+80 R	120	
STA. 1500+80 L	178	
STA. 1501+55 L	178	
STA. 1501+55 R	170	
STA. 1505+50 R	65	
STA. 1506+00 R	155	
STA. 1506+05 L	95	
STA. 1510+30 L	99	
STA. 1731+90 R	99	
STA. 1731+90 L	220	
STA. 1732+30 L	67	
STA. 1732+30 R	25	
STA. 1733+85 L	41	
STA. 1734+05 L	41	
STA. 1735+50 R	53	
STA. 1735+75 R	41	
TOTAL	2635	

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA. 1491+19 - 1492+69 RT	150	At locations where milling will occur, RE and Contractor shall verify location of Strip Reflective Crack Control prior to milling.
STA. 1504+39 - 1508+89 RT	450	
STA. 1508+89 - 1524+99 LT	1610	
STA. 1508+89 - 1524+99 RT	1610	
STA. 1526+22 - 1531+48 LT	526	
STA. 1526+22 - 1531+48 RT	526	
STA. 1664+87 - 1670+79 RT	592	
STA. 1674+08 - 1677+28 RT	320	
STA. 1683+96 - 1740+91 RT	5695	
STA. 1687+02 - 1725+14 LT	3812	
STA. 1742+33 - 1770+95 RT	2862	
STA. 1742+53 - 1770+95 LT	2862	
STA. 1797+49 - 1846+05 LT	4856	
STA. 1802+35 - 1818+69 RT	1634	
STA. 1834+37 - 1845+99 RT	1162	
STA. 1848+72 - 1885+88 RT	3716	
STA. 1848+72 - 1885+88 LT	3716	
STA. 1907+49 - 1910+10 LT	261	
STA. 1907+49 - 1910+10 RT	261	
TOTAL	36621	

60255500 MANHOLES TO BE ADJUSTED

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA. 1493+88 RT	1	
STA. 1496+15 RT	1	
STA. 1496+97 RT	1	
STA. 1709+89 LT	1	
STA. 1725+17 LT	1	
STA. 1728+80 LT	1	
STA. 1728+99 LT	1	
STA. 1728+99 RT	1	
STA. 1736+14 LT	1	
STA. 1736+34 LT	1	
STA. 1736+34 RT	1	
STA. 1738+00 LT	1	
STA. 1739+85 LT	1	
STA. 1739+95 RT	1	
STA. 1743+77 RT	1	
STA. 1784+15 LT	1	
TOTAL	16	

SCHEDULE OF QUANTITIES

60257900 MANHOLES TO BE RECONSTRUCTED

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
CONTINGENCY	1	
TOTAL	1	

60255800 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
CONTINGENCY	1	
TOTAL	1	

60260100 INLET TO BE ADJUSTED

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
CONTINGENCY	1	
TOTAL	1	

60266600 VALVE BOXES TO BE ADJUSTED

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA. 1510+59 LT	1	
STA. 1722+67 LT	1	
STA. 1784+43 LT	1	
TOTAL	3	

60300410 VALVE BOX TO BE ADJUSTED WITH NEW FRAME

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
CONTINGENCY	1	
TOTAL	1	

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA. 1491+60 L	45	
STA. 1491+60 R	36	
STA. 1492+05 L	23	CURB LOCATED ON INTERSECTION CORNERS IN CONJUNCTION WITH ADA RAMPS SEE ADA PLANSHEETS
STA. 1492+05 R	50	
STA. 1496+20 L	31	
STA. 1496+20 R	33	
STA. 1496+75 L	27	
STA. 1496+75 R	32	
STA. 1500+80 R	40	
STA. 1500+80 L	35	
STA. 1501+55 L	45	
STA. 1501+55 R	42	
STA. 1505+50 R	20	
STA. 1506+00 R	36	
STA. 1506+00 L	55	
STA. 1510+30 L	34	
STA. 1731+90 R	55	
STA. 1731+90 L	69	
STA. 1732+30 L	18	
STA. 1732+30 R	11	
TOTAL	737	

63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA 1670+50 - 1671+20 LT	70	
STA 1676+40 - 1677+40 RT	100	
STA 1886+60 - 1887+80 RT	120	
TOTAL	290	

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA 1677+40 RT	1	REPLACE SAME STATION
TOTAL	1	

SCHEDULE OF QUANTITIES

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA 1844+85 RT	1	REPLACE SAME STATION
STA 1845+00 LT	1	REPLACE SAME STATION
STA 1849+80 RT	1	REPLACE SAME STATION
STA 1850+50 LT	1	REPLACE SAME STATION
STA 1886+10 LT	1	
STA 1889+75 RT	1	REPLACE SAME STATION
STA 1902+90 RT	1	REPLACE SAME STATION
STA 1903+10 LT	1	REPLACE SAME STATION
TOTAL	8	

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA 1670+00 LT	1	REPLACE SAME STATION
STA 1675+90 RT	1	REPLACE SAME STATION
TOTAL	2	

63200310 GUARDRAIL REMOVAL

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA 1670+00 - 1671+20 LT	120	
STA 1675+90 - 1677+40 RT	150	
STA 1844+85 - 1845+35 RT	50	EXISTING END SECTION
STA 1845+00 - 1845+50 LT	50	EXISTING END SECTION
STA 1849+30 - 1849+80 RT	50	EXISTING END SECTION
STA 1850+00 - 1850+50 LT	50	EXISTING END SECTION
STA 1887+30 - 1887+80 LT	50	EXISTING END SECTION
STA 1889+75 - 1890+25 RT	50	EXISTING END SECTION
STA 1902+90 - 1903+40 RT	50	EXISTING END SECTION
STA 1903+10 - 1903+60 LT	50	EXISTING END SECTION
TOTAL	670	

63500105 DELINEATORS

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA. 1888+50 RT	1	SE CORNER STRUCTURE
STA. 1849+05 RT	1	SE CORNER STRUCTURE
STA. 1885+32 RT	1	NE CORNER STRUCTURE
STA. 1876+20 LT	1	NE CORNER STRUCTURE
TOTAL	4	

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA 1526+50 - 1672+00	29100	LT & RT
STA 1752+00 - 1765+00	2600	LT & RT
STA 1850+00 - 1870+00	4000	LT & RT
STA 1890+00 - 1910+10	4020	LT & RT
TOTAL	39720	

66700305 PERMANENT SURVEY MARKERS, TYPE II

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA. 1489+69- 1910+10	8	See general notes for locations
TOTAL	8	

66900200 NON-SPECIAL WASTE DISPOSAL

<u>LOCATION</u>	<u>CU YD</u>	<u>REMARKS</u>
STA. 1496+45 - 1497+00, 1501+10 - 1502+10, 1739+40 - 1741+60	30	SEE SPECIAL PROVISIONS: REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES FOR DETAILS
TOTAL	30	

66900450 SPECIAL WASTE PLANS AND REPORTS

<u>LOCATION</u>	<u>L SUM</u>	<u>REMARKS</u>
STA. 1496+45 - 1497+00, 1501+10 - 1502+10, 1739+40 - 1741+60	1	SEE SPECIAL PROVISIONS: REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES FOR DETAILS
TOTAL	1	

66900530 SOIL DISPOSAL ANALYSIS

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA. 1496+45 - 1497+00, 1501+10 - 1502+10, 1739+40 - 1741+60	1	SEE SPECIAL PROVISIONS: REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES FOR DETAILS
TOTAL	1	

70300100 SHORT TERM PAVEMENT MARKING

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA. 1489+69- 1910+10	16046	3 Applications
STA. 1489+69- 1910+10	6384	Milled surfaces (paint)
TOTAL	22430	

SCHEDULE OF QUANTITIES

70300150 SHORT TERM PAVEMENT MARKINGREMOVAL

LOCATION	SQ. FT	REMARKS
STA. 1489 + 69- 1910 + 10	3833	3 Applications
STA. 1489 + 69- 1910 + 10	1515	Milled surfaces (paint)
TOTAL	5348	

78000100 THERMOPLASTIC PAVEMENT MARKING – LETTERS & SYMBOLS

LOCATION	SQ. FT.	REMARKS
		Contractor and RE shall verify field locations prior to paving.
STA. 1740 + 00	68.4	EAST BOUND RRXRR
STA. 1745 + 00	68.4	WEST BOUND RRXRR
STA. 1780 + 60	20.8	EB STOP
STA. 1781 + 10	29	EB AHEAD (located a few feet into paving gap
STA. 1789 + 70	29	WB AHEAD area)
STA. 1790 + 20	20.8	WB STOP
TOTAL	236	

78000400 THERMOPLASTIC PAVEMENT MARKING – LINE 6"

LOCATION	FOOT	REMARKS
STA. 1732 + 00	255	Maple Street/Junction Road 10' crosswalk
TOTAL	255	

78000650 THERMOPLASTIC PAVEMENT MARKING – LINE 24"

LOCATION	FOOT	REMARKS
STA. 1496 + 54	13	Pine Street South stop bar
STA. 1496 + 54	13	Pine Street North stop bar
STA. 1501 + 00	13	Walnut Street North stop bar
STA. 1501 + 00	13	Walnut Street South stop bar
STA. 1505 + 75	14	Maple Street North stop bar
STA. 1505 + 75	14	Maple Street South stop bar
STA. 1507 + 50	13	Spruce Street South stop bar
STA. 1510 + 25	13	Elm Street North stop bar
STA. 1518 + 50	14	Meridian Street North stop bar
STA. 1518 + 50	14	Meridian Street South stop bar
STA. 1720 + 80	13	Moody Street North stop bar
STA. 1720 + 80	13	Moody Street South stop bar
STA. 1724 + 60	13	Mabel Street North stop bar
STA. 1724 + 60	13	Mabel Street South stop bar
STA. 1728 + 30	13	Elm Street North stop bar
STA. 1728 + 30	13	Elm Street South stop bar
STA. 1731 + 90	15	Maple Street/Junction Road stop bar
STA. 1731 + 90	15	Maple Street/Junction Road stop bar
STA. 1733 + 60	13	Maple Court South stop bar
STA. 1735 + 50	14	Goodrich Street North stop bar
STA. 1735 + 50	14	Goodrich Street South stop bar
STA. 1739 + 40	16	Union Street South stop bar
STA. 1779 + 10	18	Junction Way North stop bar
STA. 1739 + 75	13	EAST BOUND RR STOP BAR
STA. 1740 + 25	13	EAST BOUND RR STOP BAR
STA. 1741 + 30	13	STOP BAR EB (@ RR)
STA. 1741 + 82	13	STOP BAR WB (@ RR)
STA. 1744 + 75	13	WEST BOUND RR STOP BAR
STA. 1745 + 25	13	WEST BOUND RR STOP BAR
TOTAL	369	

78001110 PAINT PAVEMENT MARKING – LINE 4"

LOCATION (YELLOW & WHITE) 2 Applications	FOOT	REMARKS Stripe through structures
STA. 1489 + 69 – 1507 + 90	455	Skip dash – Yellow
STA. 1500 + 65 – 1526 + 10	2545	Solid Yellow No Passing Right
STA. 1519 + 10 – 1781 + 15	26205	Solid White Edgeline Right
STA. 1521 + 00 – 1781 + 00	26000	Solid White Edgeline Left
STA. 1526 + 10 – 1674 + 39	3032	Skip dash – Yellow
STA. 1507 + 90 – 1535 + 00	2710	Solid Yellow No Passing Left
STA. 1636 + 90 – 1649 + 90	1300	Solid Yellow No Passing Right
STA. 1647 + 39 – 1656 + 90	951	Solid Yellow No Passing Left
STA. 1649 + 90 – 1669 + 40	487	Skip dash – Yellow
STA. 1659 + 85 – 1680 + 95	2110	Solid Yellow No Passing Right
STA. 1669 + 40 – 1684 + 65	1525	Solid Yellow No Passing Left
STA. 1680 + 95 – 1740 + 85	1498	Skip dash – Yellow
STA. 1733 + 72 – 1742 + 22	850	Solid Yellow No Passing Right
STA. 1742 + 22 – 1781 + 05	971	Skip dash – Yellow
STA. 1740 + 85 – 1749 + 68	883	Solid Yellow No Passing Left
STA. 1776 + 65 – 1781 + 05	440	Solid Yellow No Passing Right
STA. 1781 + 05 – 1788 + 00	XX	Paving gap – IL 251 intersection
STA. 1788 + 00 – 1911 + 00	24600	Solid White Edgeline Left & Right
STA. 1788 + 00 – 1800 + 83	1283	Solid Yellow No Passing Right
STA. 1788 + 00 – 1803 + 37	1537	Solid Yellow No Passing Left
STA. 1800 + 93 – 1909 + 96	2726	Skip dash – Yellow
STA. 1820 + 10 – 1828 + 85	875	Solid Yellow No Passing Right
STA. 1830 + 50 – 1840 + 23	973	Solid Yellow No Passing Left
STA. 1870 + 12 – 1875 + 20	508	Solid Yellow No Passing Right
STA. 1878 + 55 – 1889 + 42	1087	Solid Yellow No Passing Left
STA. 1901 + 95 – 1910 + 10	815	Solid Yellow No Passing Right
STA. 1909 + 96 – 1910 + 10	14	Solid Yellow No Passing Left
SUBTOTAL (4")	106380	(yellow 31,655 + white 77,977 = 109632)
TOTAL (X2 APPLICATIONS)	212760	(2X: yellow 94965 + white 155954 = 219,264)

78100100 RAISED REFLECTIVE PAVEMENT MARKERS

LOCATION	EACH	REMARKS
STA. 1489 + 69- 1910 + 10	534	Centerline (80' O.C.)- 2 way Yellow
TOTAL	534	Paving Gaps: 1524 + 96 – 1525 + 95, 1846 + 00 – 1848 + 77, 1741 + 52 – 1741 + 77, 1781 + 00 – 1788 + 00, 1672 + 00 – 1674 + 03

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	EACH	REMARKS
STA. 1489 + 69- 1910 + 10	443	Paving Gaps: 1524 + 96 – 1525 + 95, 1846 + 00 – 1848 + 77, 1741 + 52 – 1741 + 77, 1781 + 00 – 1788 + 00, 1672 + 00 – 1674 + 03
TOTAL	443	

SCHEDULE OF QUANTITIES

**A2002912 TREE, CELTIC OCCIDENTALIS (COMMON HACKBERRY),
1-1/2" CALIPER, BALLED AND BURLAPPED**

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA. 1489+69- 1910+10	8	TREES SHALL BE PLANTED WITHIN THE VILLAGELIMITS OF EITHER DAVIS JUNCTION OR STILLMAN VALLEY AS DIRECTED BY ENGINEER
TOTAL	8	

**A2001012 TREE, ACER RUBRUM (RED MAPLE), 1-1/2" CALIPER,
BALLED AND BURLAPPED**

<u>LOCATION</u>	<u>EACH</u>	<u>REMARKS</u>
STA. 1489+69- 1910+10	12	TREES SHALL BE PLANTED WITHIN THE VILLAGELIMITS OF EITHER DAVIS JUNCTION OR STILLMAN VALLEY AS DIRECTED BY ENGINEER
TOTAL	12	

Z0028415 GEOTECHNICAL REINFORCEMENT

<u>LOCATION</u>	<u>SQ_YD</u>	<u>REMARKS</u>
STA. 1489+69- 1910+10	200	AS DIRECETED BY ENGINEER
TOTAL	200	

Z0033700 LONGITUDINAL JOINT SEALANT

<u>LOCATION</u>	<u>FOOT</u>	<u>REMARKS</u>
STA. 1489+69 - 1524+96	3527	
STA. 1525+95 - 1672+00	14605	
STA. 1647+03 - 1740+75	9372	
STA. 1742+28 - 1781+00	3872	
STA. 1788+00 - 1846+00	5800	
STA. 1848+77 - 1910+10	6133	
TOTAL	43309	

Z0034105 MATERIAL TRANSFER DEVICE

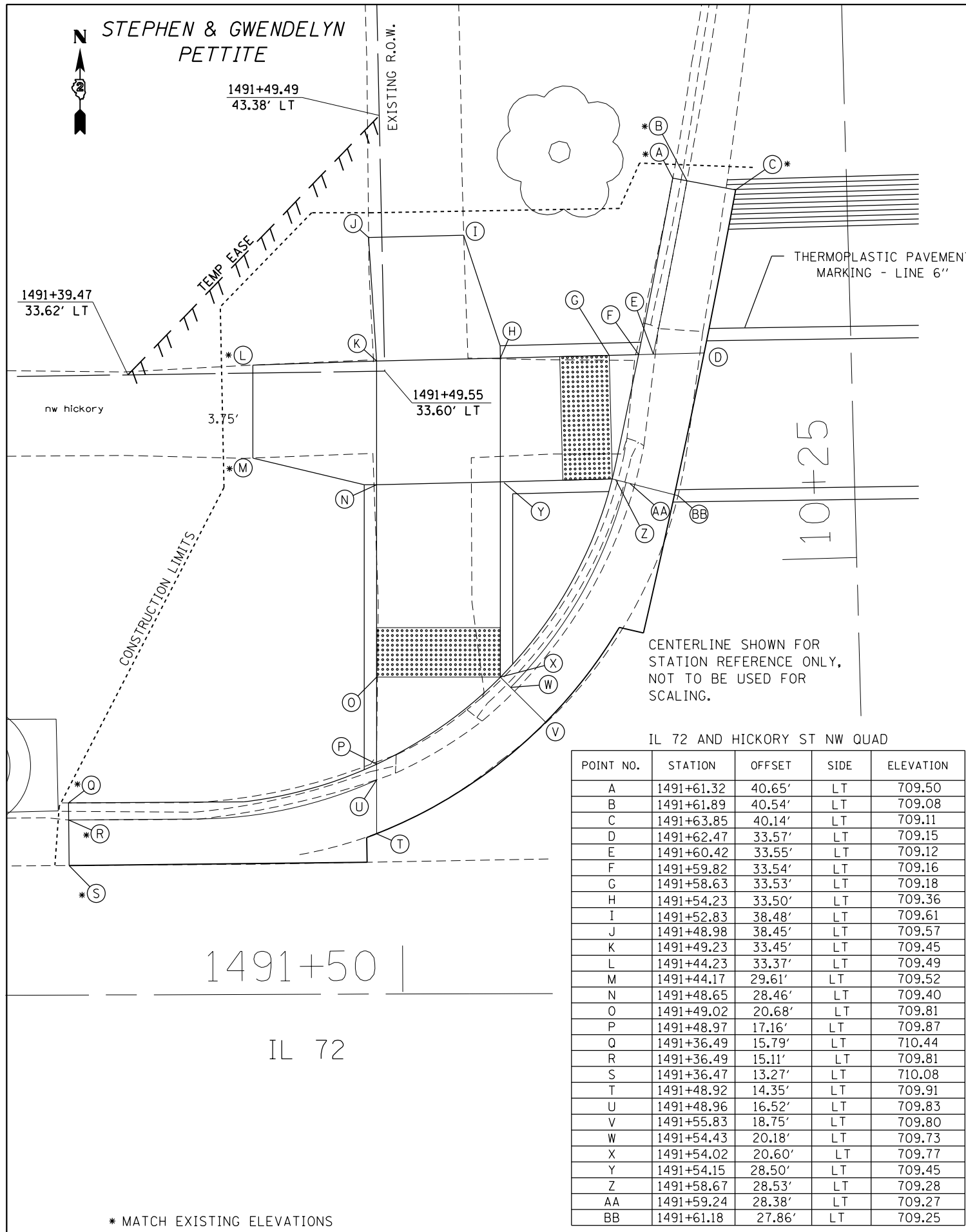
<u>LOCATION</u>	<u>TON</u>	<u>REMARKS</u>
STA. 1489+69- 1910+10	16964	
TOTAL	16964	

Z0054408 ROCKFILL - SUBGRADE

<u>LOCATION</u>	<u>CU_YD</u>	<u>REMARKS</u>
STA. 1489+69- 1910+10	200	AS DIRECTED BY ENGINEER
TOTAL	200	

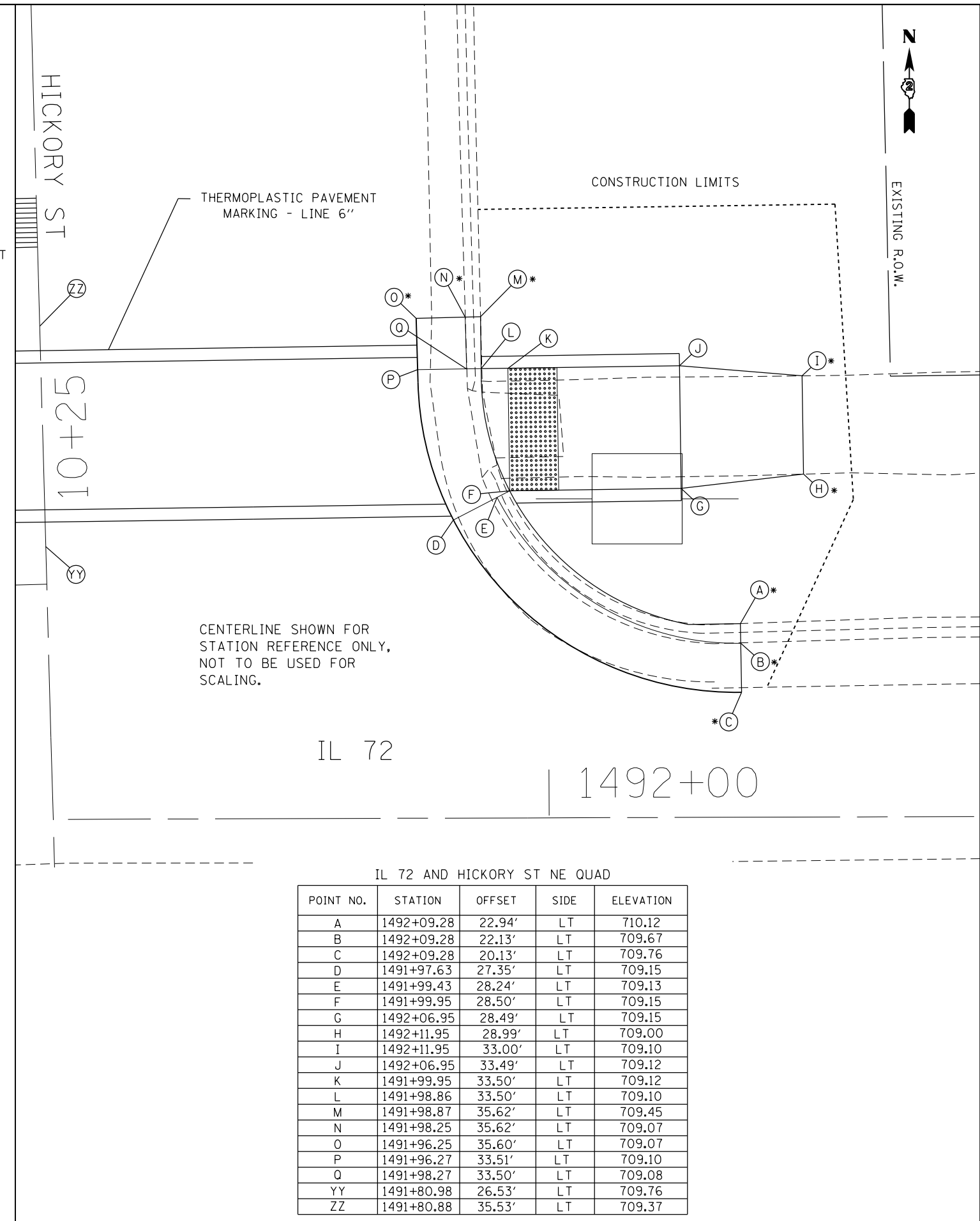
Z0055600 RUMBLE STRIPS

<u>LOCATION</u>	<u>SQ_YD</u>	<u>REMARKS</u>
STA. 1771+09 RT.	36.1	Contractor and RE shall verify field locations prior to paving.
STA. 1774+76 RT.	36.1	
STA. 1779+15 RT.	36.1	
STA. 1779+65 RT.	36.1	
STA. 1888+00 LT.	36.1	
STA. 1789+94 LT.	36.1	
STA. 1791+24 LT.	36.1	
STA. 1792+92 LT.	36.1	
STA. 1798+62 LT.	36.1	
TOTAL	325	



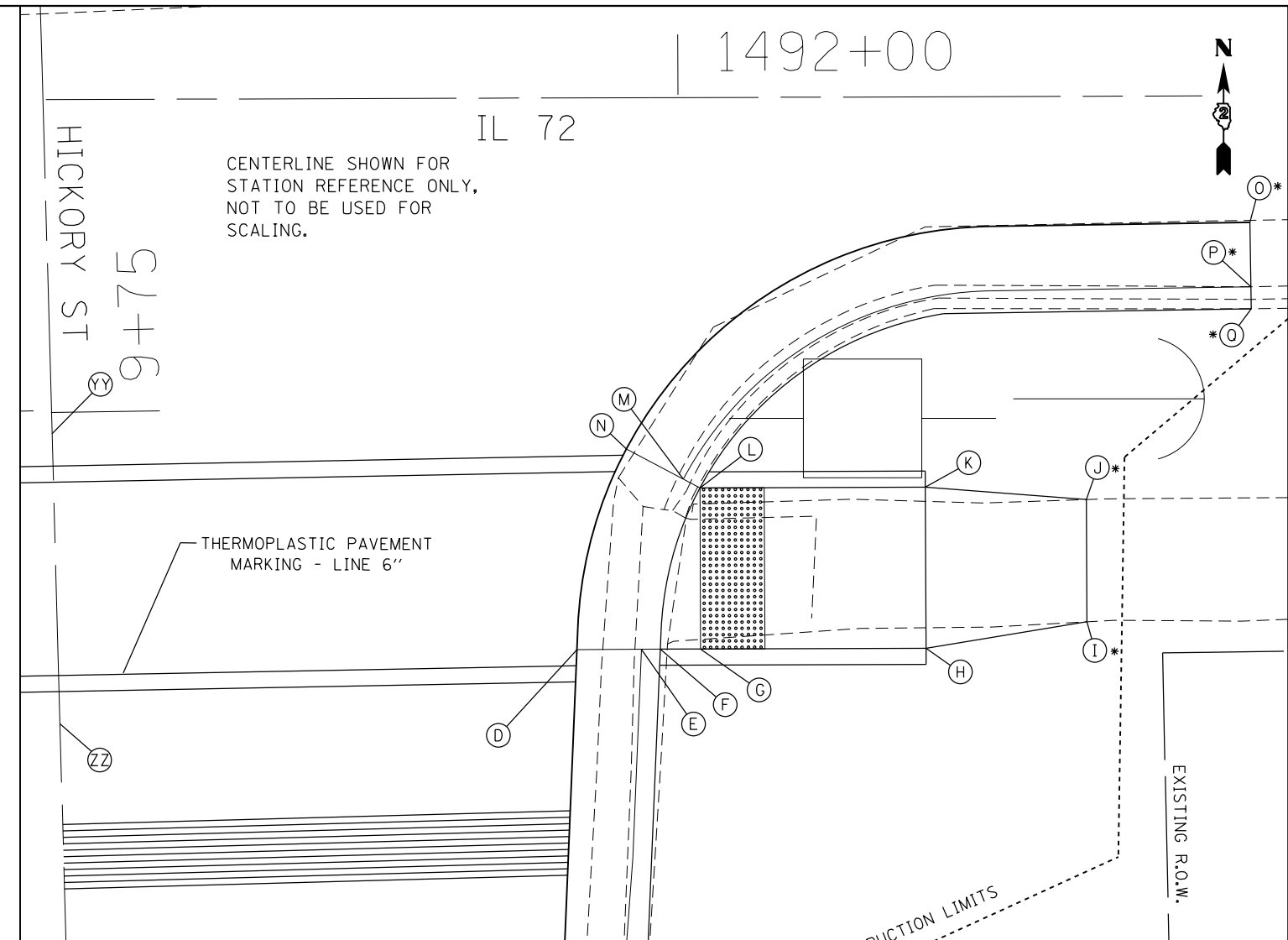
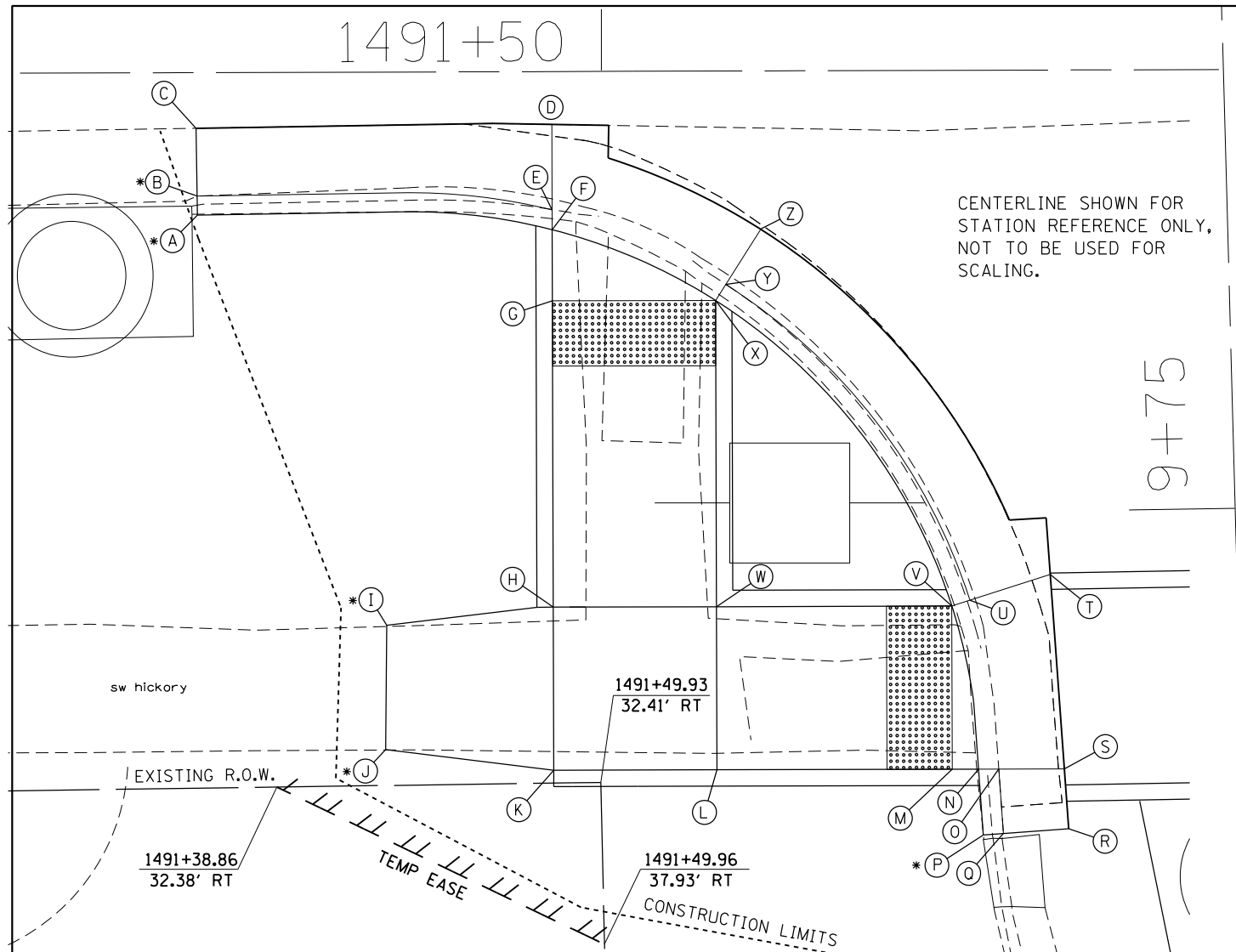
IL 72 AND HICKORY ST NW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1491+61.32	40.65'	LT	709.50
B	1491+61.89	40.54'	LT	709.08
C	1491+63.85	40.14'	LT	709.11
D	1491+62.47	33.57'	LT	709.15
E	1491+60.42	33.55'	LT	709.12
F	1491+59.82	33.54'	LT	709.16
G	1491+58.63	33.53'	LT	709.18
H	1491+54.23	33.50'	LT	709.36
I	1491+52.83	38.48'	LT	709.61
J	1491+48.98	38.45'	LT	709.57
K	1491+49.23	33.45'	LT	709.45
L	1491+44.23	33.37'	LT	709.49
M	1491+44.17	29.61'	LT	709.52
N	1491+48.65	28.46'	LT	709.40
O	1491+49.02	20.68'	LT	709.81
P	1491+48.97	17.16'	LT	709.87
Q	1491+36.49	15.79'	LT	710.44
R	1491+36.49	15.11'	LT	709.81
S	1491+36.47	13.27'	LT	710.08
T	1491+48.92	14.35'	LT	709.91
U	1491+48.96	16.52'	LT	709.83
V	1491+55.83	18.75'	LT	709.80
W	1491+54.43	20.18'	LT	709.73
X	1491+54.02	20.60'	LT	709.77
Y	1491+54.15	28.50'	LT	709.45
Z	1491+58.67	28.53'	LT	709.28
AA	1491+59.24	28.38'	LT	709.27
BB	1491+61.18	27.86'	LT	709.25



IL 72 AND HICKORY ST NE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1492+09.28	22.94'	LT	710.12
B	1492+09.28	22.13'	LT	709.67
C	1492+09.28	20.13'	LT	709.76
D	1491+97.63	27.35'	LT	709.15
E	1491+99.43	28.24'	LT	709.13
F	1491+99.95	28.50'	LT	709.15
G	1492+06.95	28.49'	LT	709.15
H	1492+11.95	28.99'	LT	709.00
I	1492+11.95	33.00'	LT	709.10
J	1492+06.95	33.49'	LT	709.12
K	1491+99.95	33.50'	LT	709.12
L	1491+98.86	33.50'	LT	709.10
M	1491+98.87	35.62'	LT	709.45
N	1491+98.25	35.62'	LT	709.07
O	1491+96.25	35.60'	LT	709.07
P	1491+96.27	33.51'	LT	709.10
Q	1491+98.27	33.50'	LT	709.08
YY	1491+80.98	26.53'	LT	709.76
ZZ	1491+80.88	35.53'	LT	709.37



IL 72 AND HICKORY ST SW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1491+37.85	15.38'	RT	710.45
B	1491+37.85	14.80'	RT	709.80
C	1491+37.85	12.72'	RT	709.96
D	1491+48.75	12.78'	RT	709.89
E	1491+48.72	15.40'	RT	709.79
F	1491+48.71	16.00'	RT	709.82
G	1491+48.68	18.18'	RT	709.81
H	1491+48.56	27.57'	RT	710.00
I	1491+43.44	28.04'	RT	710.23
J	1491+43.35	31.85'	RT	710.30
K	1491+48.49	32.57'	RT	710.07
L	1491+53.49	32.63'	RT	710.02
M	1491+60.70	32.73'	RT	709.72
N	1491+61.51	32.74'	RT	709.70
O	1491+62.13	32.75'	RT	709.73
P	1491+61.62	34.76'	RT	709.99
Q	1491+62.24	34.72'	RT	709.72
R	1491+64.24	34.61'	RT	709.73
S	1491+64.13	32.77'	RT	709.74
T	1491+63.80	26.81'	RT	709.75
U	1491+61.32	27.56'	RT	709.74
V	1491+60.77	27.73'	RT	709.75
W	1491+53.56	27.63'	RT	709.99
X	1491+53.68	18.25'	RT	709.80
Y	1491+54.00	17.76'	RT	709.75
Z	1491+55.10	16.09'	RT	709.85

EDWARD & TARA KING

* MATCH EXISTING ELEVATIONS

IL 72 AND HICKORY ST SE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1491+99.68	44.19'	RT	710.05
B	1491+98.94	44.15'	RT	709.91
C	1491+97.10	44.04'	RT	709.97
D	1491+97.76	32.68'	RT	709.67
E	1491+99.76	32.70'	RT	709.56
F	1492+00.34	32.71'	RT	709.66
G	1492+01.59	32.73'	RT	709.60
H	1492+08.59	32.81'	RT	709.90
I	1492+13.60	32.07'	RT	709.98
J	1492+13.65	28.28'	RT	709.94
K	1492+08.65	27.81'	RT	709.93
L	1492+01.65	27.73'	RT	709.71
M	1492+01.14	27.44'	RT	709.61
N	1491+99.39	26.48'	RT	709.71
O	1492+18.86	19.75'	RT	709.58
P	1492+18.86	21.75'	RT	709.55
Q	1492+18.86	22.44'	RT	709.94
YY	1491+81.57	25.72'	RT	710.10
ZZ	1491+81.67	34.72'	RT	710.08

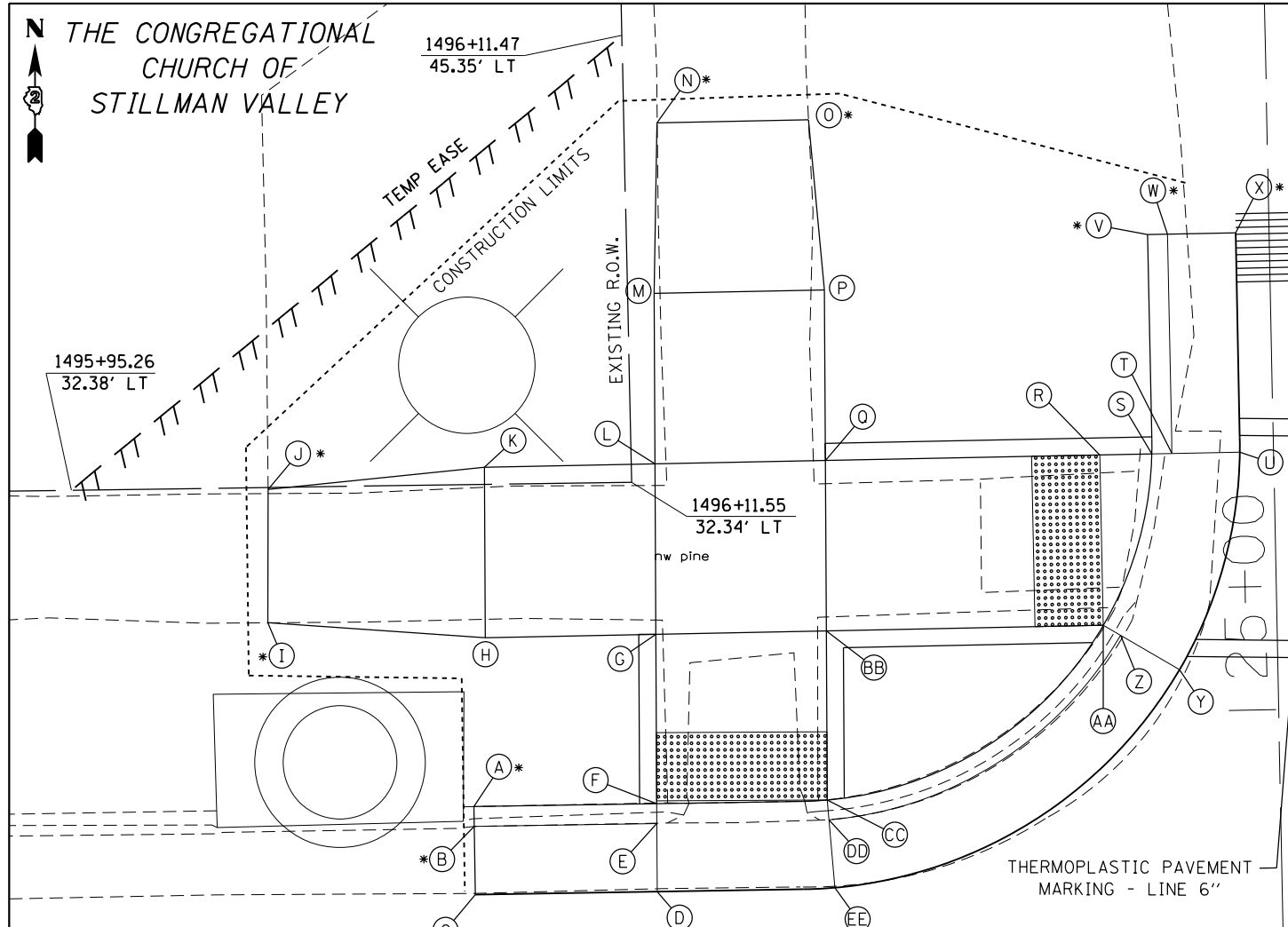
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 / HICKORY ST (STILLMAN VALLEY)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	40
CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT	

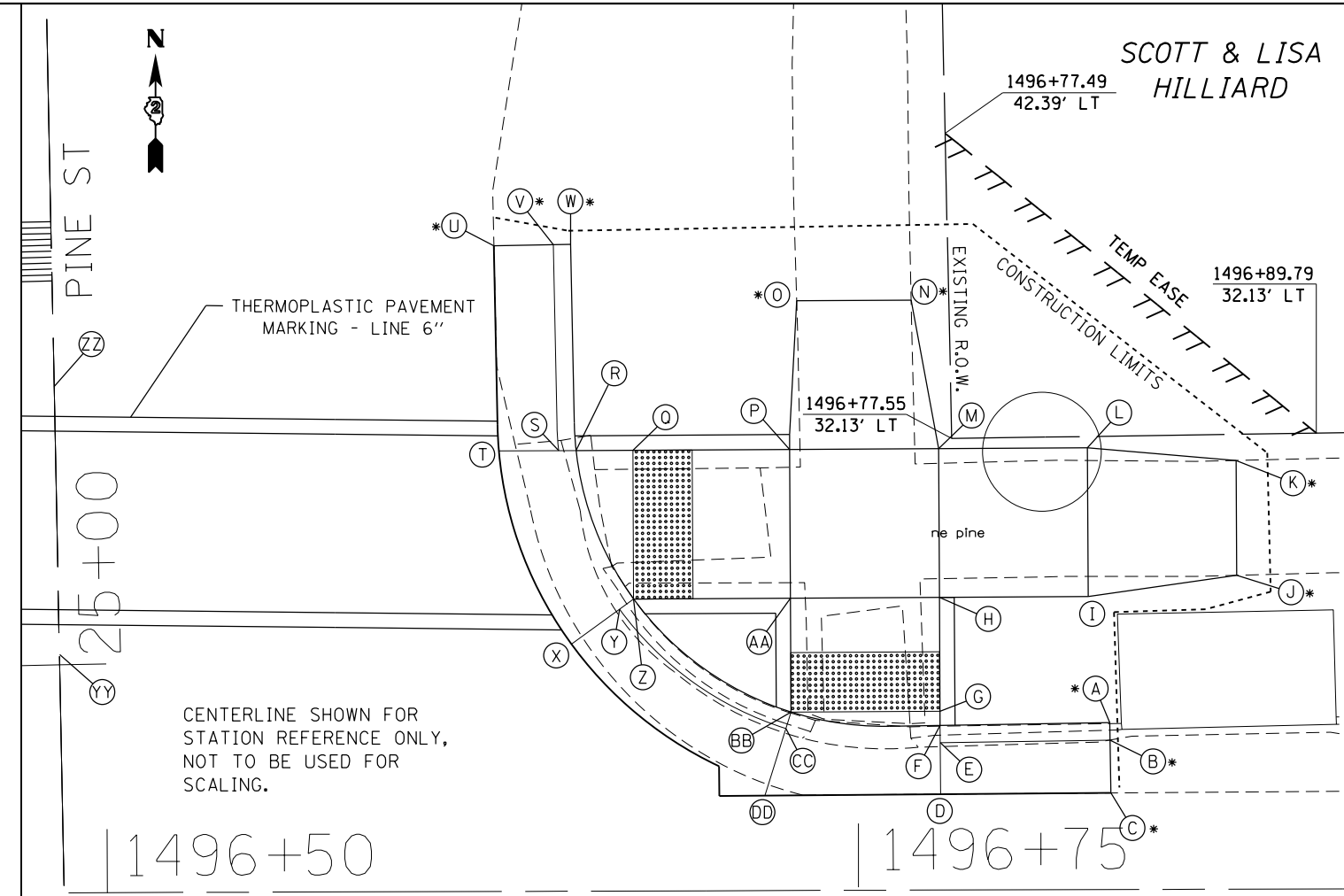
SCALE: SHEET OF SHEETS STA. TO STA.



IL 72 AND PINE ST NW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1496+06.77	22.81'	LT	709.07
B	1496+06.77	22.22'	LT	708.54
C	1496+06.77	20.22'	LT	708.93
D	1496+12.11	20.22'	LT	708.92
E	1496+12.13	22.22'	LT	708.91
F	1496+12.13	22.81'	LT	708.92
G	1496+12.19	27.77'	LT	709.33
H	1496+07.19	27.75'	LT	709.48
I	1496+00.82	28.29'	LT	709.65
J	1496+00.89	32.21'	LT	709.63
K	1496+07.24	32.75'	LT	709.49
L	1496+12.24	32.77'	LT	709.38
M	1496+12.30	37.77'	LT	709.58
N	1496+12.47	42.77'	LT	709.79
O	1496+16.91	42.79'	LT	709.71
P	1496+17.30	37.79'	LT	709.53
Q	1496+17.24	32.79'	LT	709.36
R	1496+25.29	32.83'	LT	708.79
S	1496+26.81	32.83'	LT	708.77
T	1496+27.40	32.83'	LT	708.76
U	1496+29.40	32.84'	LT	708.78
V	1496+26.80	39.26'	LT	708.66
W	1496+27.38	39.27'	LT	708.60
X	1496+29.38	39.27'	LT	708.58
Y	1496+27.52	26.49'	LT	708.83
Z	1496+25.81	27.52'	LT	708.81
AA	1496+25.32	27.83'	LT	708.82
BB	1496+17.19	27.79'	LT	709.31
CC	1496+17.14	22.83'	LT	708.90
DD	1496+17.18	22.25'	LT	708.89
EE	1496+17.32	20.25'	LT	708.90

* MATCH EXISTING ELEVATIONS



IL 72 AND PINE ST NE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1496+82.71	22.49'	LT	709.21
B	1496+82.71	21.90'	LT	708.59
C	1496+82.71	20.12'	LT	708.88
D	1496+76.98	20.17'	LT	708.66
E	1496+77.00	21.90'	LT	708.64
F	1496+77.01	22.49'	LT	708.66
G	1496+77.00	22.96'	LT	708.66
H	1496+77.05	26.79'	LT	708.97
I	1496+82.05	26.74'	LT	709.13
J	1496+87.06	27.37'	LT	709.43
K	1496+87.10	31.23'	LT	709.49
L	1496+82.11	31.74'	LT	709.22
M	1496+77.11	31.79'	LT	709.07
N	1496+76.26	36.80'	LT	709.49
O	1496+72.41	36.84'	LT	709.41
P	1496+72.10	31.85'	LT	709.00
Q	1496+66.82	31.90'	LT	708.88
R	1496+64.91	31.92'	LT	708.86
S	1496+64.18	31.93'	LT	708.84
T	1496+62.32	31.95'	LT	708.85
U	1496+62.26	38.85'	LT	708.84
V	1496+64.26	38.86'	LT	708.98
W	1496+64.84	38.86'	LT	709.02
X	1496+64.66	25.41'	LT	708.81
Y	1496+66.29	26.57'	LT	708.79
Z	1496+66.77	26.90'	LT	708.81
AA	1496+72.04	26.85'	LT	708.98
BB	1496+72.00	23.02'	LT	708.71
CC	1496+71.82	22.46'	LT	708.69
DD	1496+71.07	20.22'	LT	708.71
YY	1496+47.44	25.35'	LT	709.11
ZZ	1496+47.40	34.36'	LT	709.13

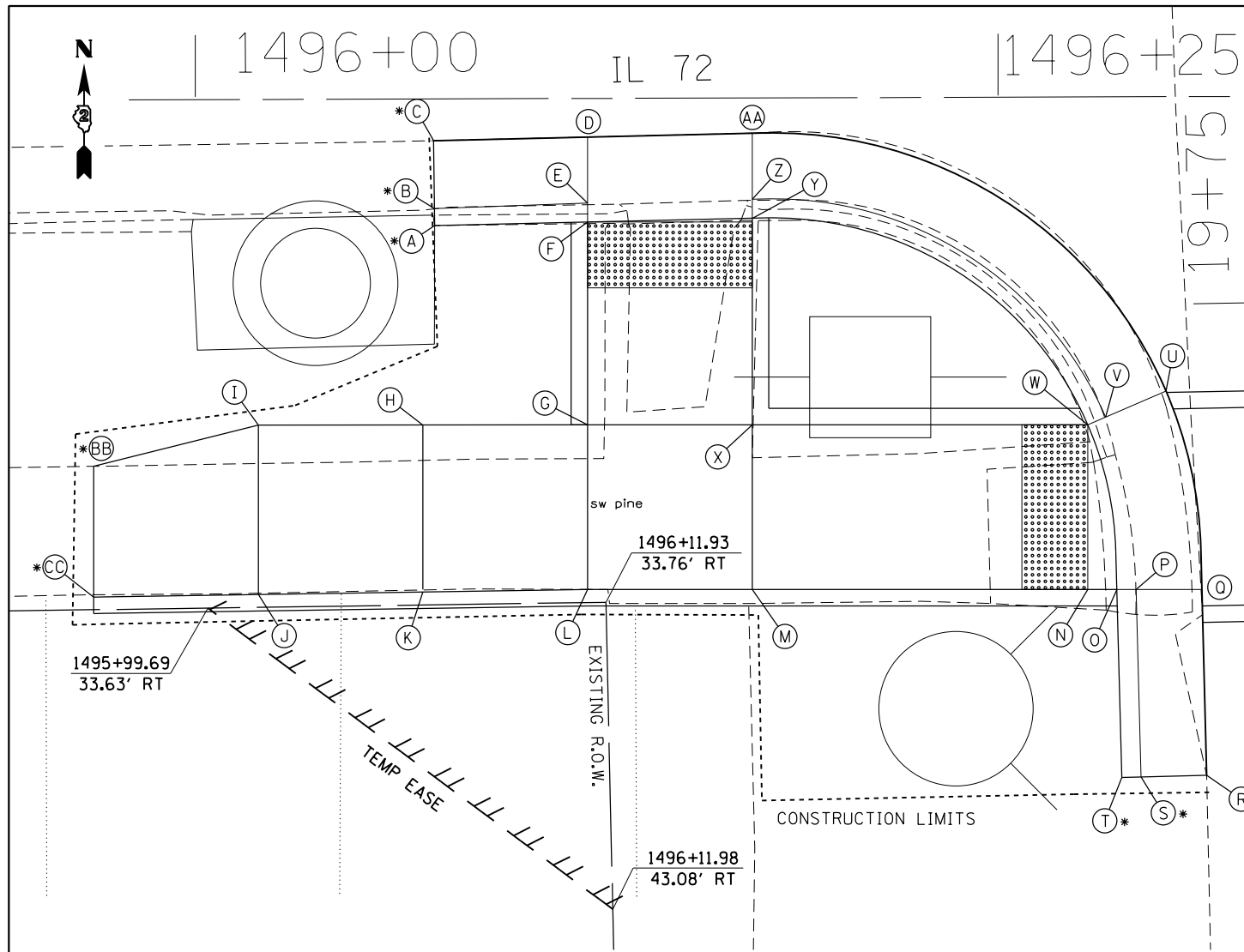
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 / PINE ST (STILLMAN VALLEY)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RT#.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	41
CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT	



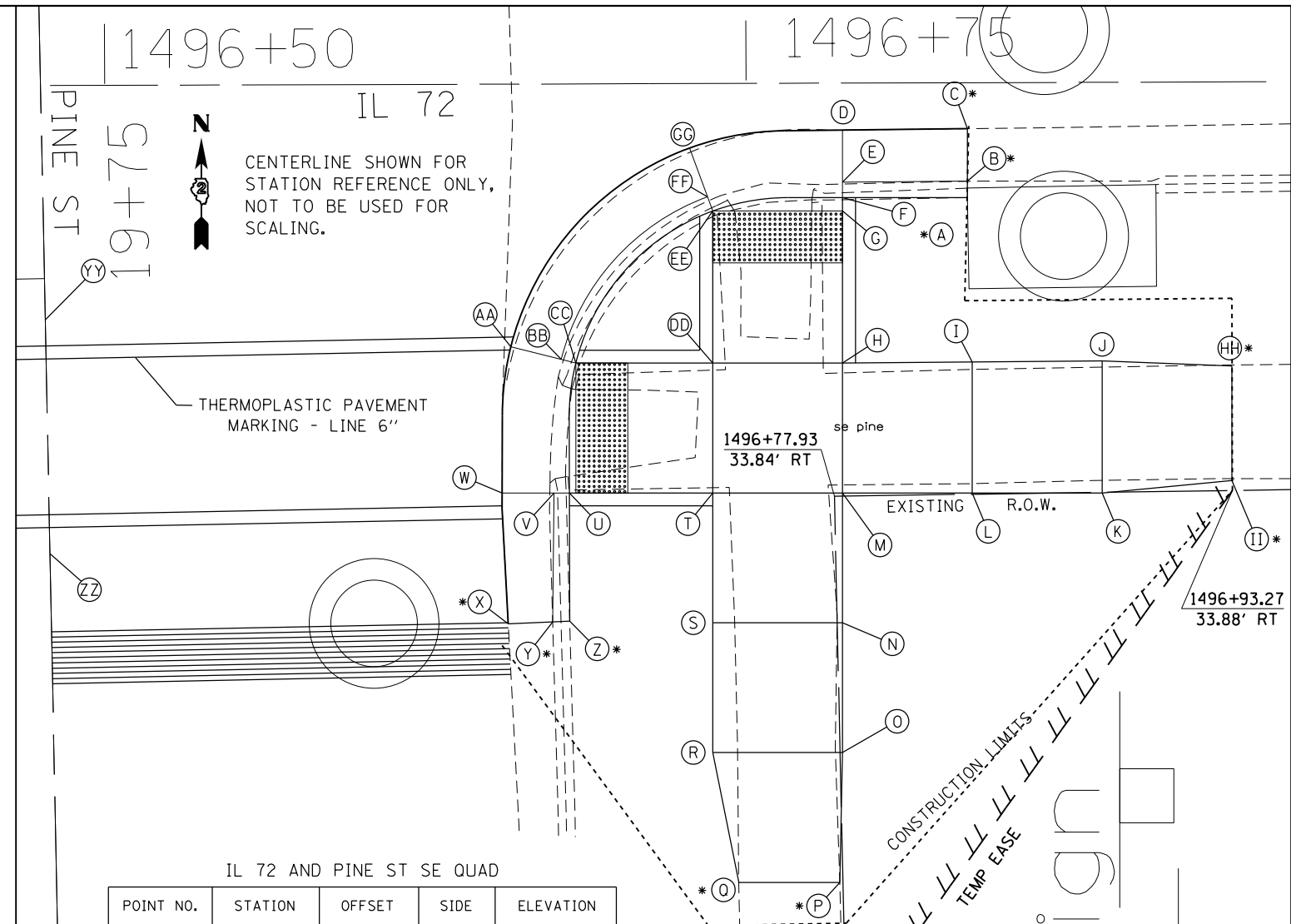
IL 72 AND PINE ST SW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1496+06.91	22.23'	RT	709.24
B	1496+06.91	21.72'	RT	708.58
C	1496+06.92	19.65'	RT	708.84
D	1496+11.60	19.62'	RT	708.86
E	1496+11.56	21.62'	RT	708.88
F	1496+11.55	22.20'	RT	708.90
G	1496+11.46	28.36'	RT	709.16
H	1496+06.46	28.28'	RT	709.57
I	1496+01.44	28.20'	RT	709.90
J	1496+01.37	33.35'	RT	710.00
K	1496+06.38	33.28'	RT	709.66
L	1496+11.38	33.36'	RT	709.26
M	1496+16.37	33.44'	RT	709.26
N	1496+26.56	33.60'	RT	709.26
O	1496+27.44	33.61'	RT	709.23
P	1496+28.03	33.62'	RT	709.21
Q	1496+30.03	33.66'	RT	709.24
R	1496+30.08	39.30'	RT	709.63
S	1496+28.08	39.32'	RT	709.64
T	1496+27.50	39.33'	RT	709.64
U	1496+29.03	27.62'	RT	709.19
V	1496+27.18	28.38'	RT	709.16
W	1496+26.64	28.60'	RT	709.18
X	1496+16.45	28.44'	RT	709.21
Y	1496+16.56	22.17'	RT	708.95
Z	1496+16.57	21.58'	RT	708.93
AA	1496+16.60	19.58'	RT	708.91
BB	1495+96.44	29.38'	RT	710.05
CC	1495+96.37	33.35'	RT	710.26

CENTERLINE SHOWN FOR STATION REFERENCE ONLY, NOT TO BE USED FOR SCALING.

THE CONGREGATIONAL CHURCH OF STILLMAN VALLEY

* MATCH EXISTING ELEVATIONS



IL 72 AND PINE ST SE QUAD

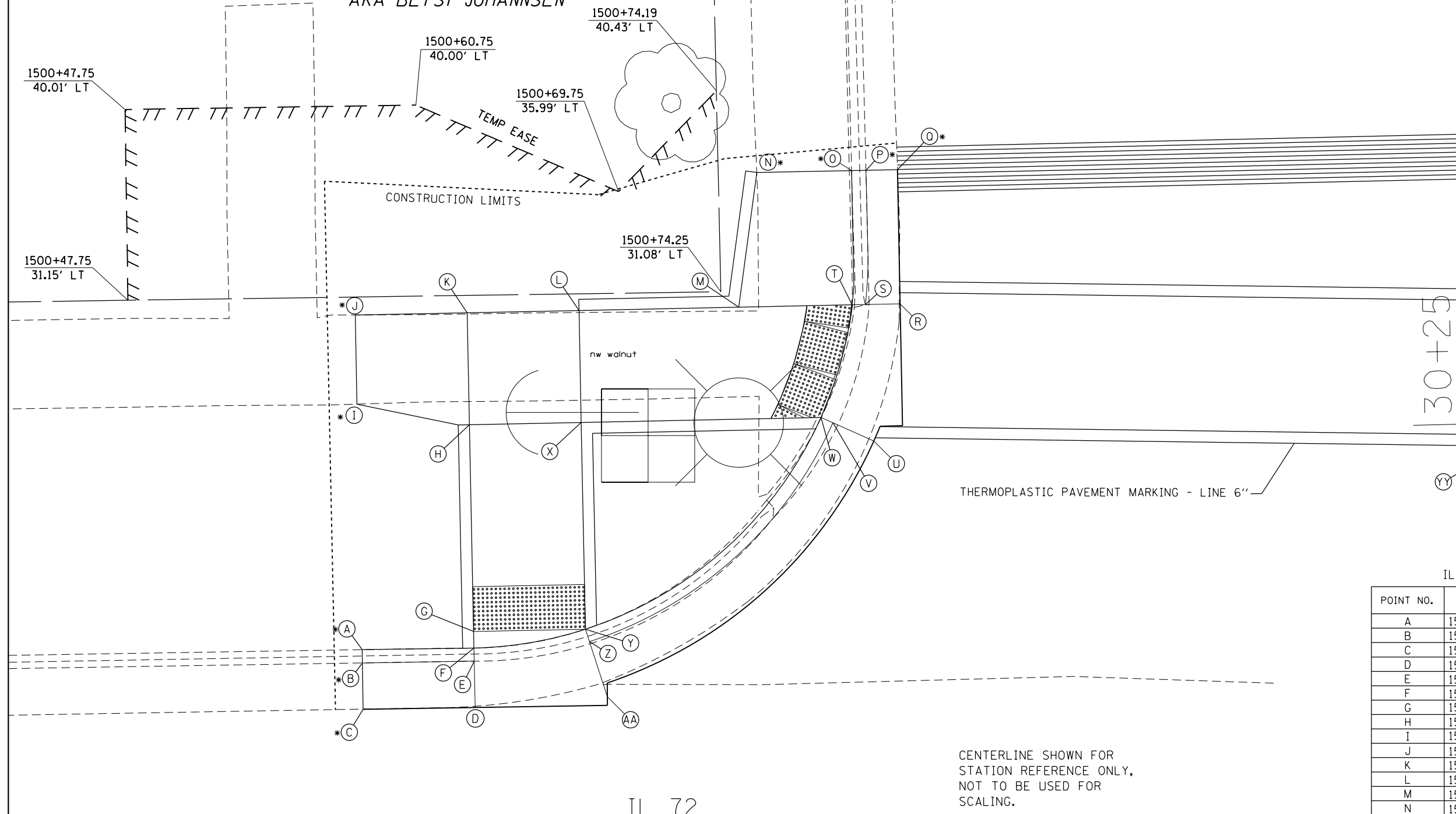
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A	1496+83.23	22.46'	RT	709.29
B	1496+83.24	21.82'	RT	708.67
C	1496+83.27	19.80'	RT	709.03
D	1496+78.46	19.77'	RT	708.77
E	1496+78.43	21.78'	RT	708.79
F	1496+78.42	22.38'	RT	708.80
G	1496+78.41	22.89'	RT	708.81
H	1496+78.32	28.75'	RT	709.01
I	1496+83.32	28.79'	RT	709.56
J	1496+88.32	28.87'	RT	710.08
K	1496+88.25	33.91'	RT	710.17
L	1496+83.24	33.83'	RT	709.62
M	1496+78.24	33.75'	RT	709.11
N	1496+78.16	38.75'	RT	709.64
O	1496+78.08	43.75'	RT	710.17
P	1496+77.89	48.75'	RT	710.71
Q	1496+74.01	48.68'	RT	710.68
R	1496+73.08	43.67'	RT	710.15
S	1496+73.16	38.67'	RT	709.63
T	1496+73.24	33.67'	RT	709.11
U	1496+67.72	33.58'	RT	709.12
V	1496+67.13	33.57'	RT	709.11
W	1496+65.13	33.54'	RT	709.13
X	1496+65.29	38.59'	RT	709.45
Y	1496+67.00	38.54'	RT	709.33
Z	1496+67.65	38.52'	RT	709.76
AA	1496+65.56	27.92'	RT	709.08
BB	1496+67.49	28.43'	RT	709.12
CC	1496+68.05	28.59'	RT	709.13
DD	1496+73.32	28.67'	RT	709.05

LARRY HOLLAND & THOMAS GALE & LESTER MARKHAM TREMBLE

EE	1496+73.41	22.81'	RT	708.85
FF	1496+73.22	22.26'	RT	708.84
GG	1496+72.56	20.37'	RT	708.82
HH	1496+93.32	29.06'	RT	710.07
II	1496+93.25	33.44'	RT	710.25
YY	1496+47.65	26.60'	RT	709.60
ZZ	1496+47.68	35.60'	RT	709.58

* MATCH EXISTING ELEVATIONS

BETSY CARLSON
AKA BETSY JOHANSEN



THERMOPLASTIC PAVEMENT MARKING - LINE 6"

CENTERLINE SHOWN FOR
STATION REFERENCE ONLY,
NOT TO BE USED FOR
SCALING.

IL 72 AND WALNUT ST NW QUAD

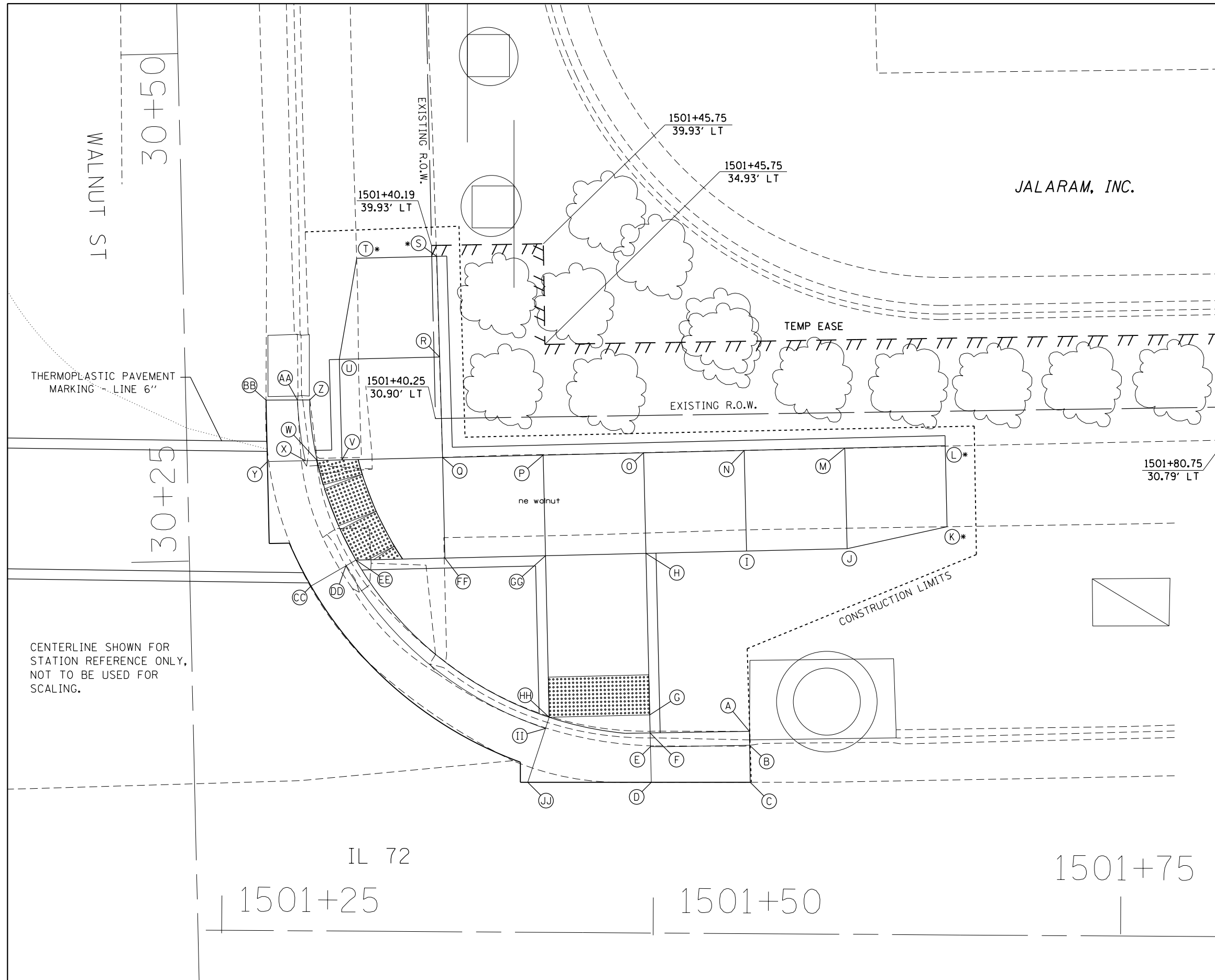
POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1500+57.96	15.72'	LT	712.88
B	1500+57.96	15.12'	LT	712.45
C	1500+57.96	13.05'	LT	712.56
D	1500+62.97	13.05'	LT	712.08
E	1500+62.96	15.12'	LT	712.06
F	1500+62.96	15.70'	LT	712.07
G	1500+62.96	16.45'	LT	712.08
H	1500+62.91	25.69'	LT	711.48
I	1500+57.91	26.68'	LT	711.28
J	1500+57.90	30.67'	LT	711.20
K	1500+62.90	30.69'	LT	711.43
L	1500+67.90	30.71'	LT	711.46
M	1500+75.04	30.74'	LT	711.50
N	1500+75.94	36.75'	LT	711.70
O	1500+80.18	36.76'	LT	711.53
P	1500+80.82	36.76'	LT	711.13
Q	1500+82.23	36.77'	LT	711.25
R	1500+82.25	30.78'	LT	711.54
S	1500+80.69	30.77'	LT	711.52
T	1500+80.11	30.77'	LT	711.53
U	1500+80.97	24.67'	LT	711.59
V	1500+79.16	25.51'	LT	711.57
W	1500+78.63	25.76'	LT	711.58
X	1500+67.91	25.71'	LT	711.46
Y	1500+67.96	16.47'	LT	712.02
Z	1500+68.13	15.91'	LT	712.01
AA	1500+68.89	13.44'	LT	712.03
YY	1501+07.50	23.04'	LT	712.25
ZZ	1501+07.43	32.04'	LT	712.22

1500+50

1500+75

IL 72

* MATCH EXISTING ELEVATIONS



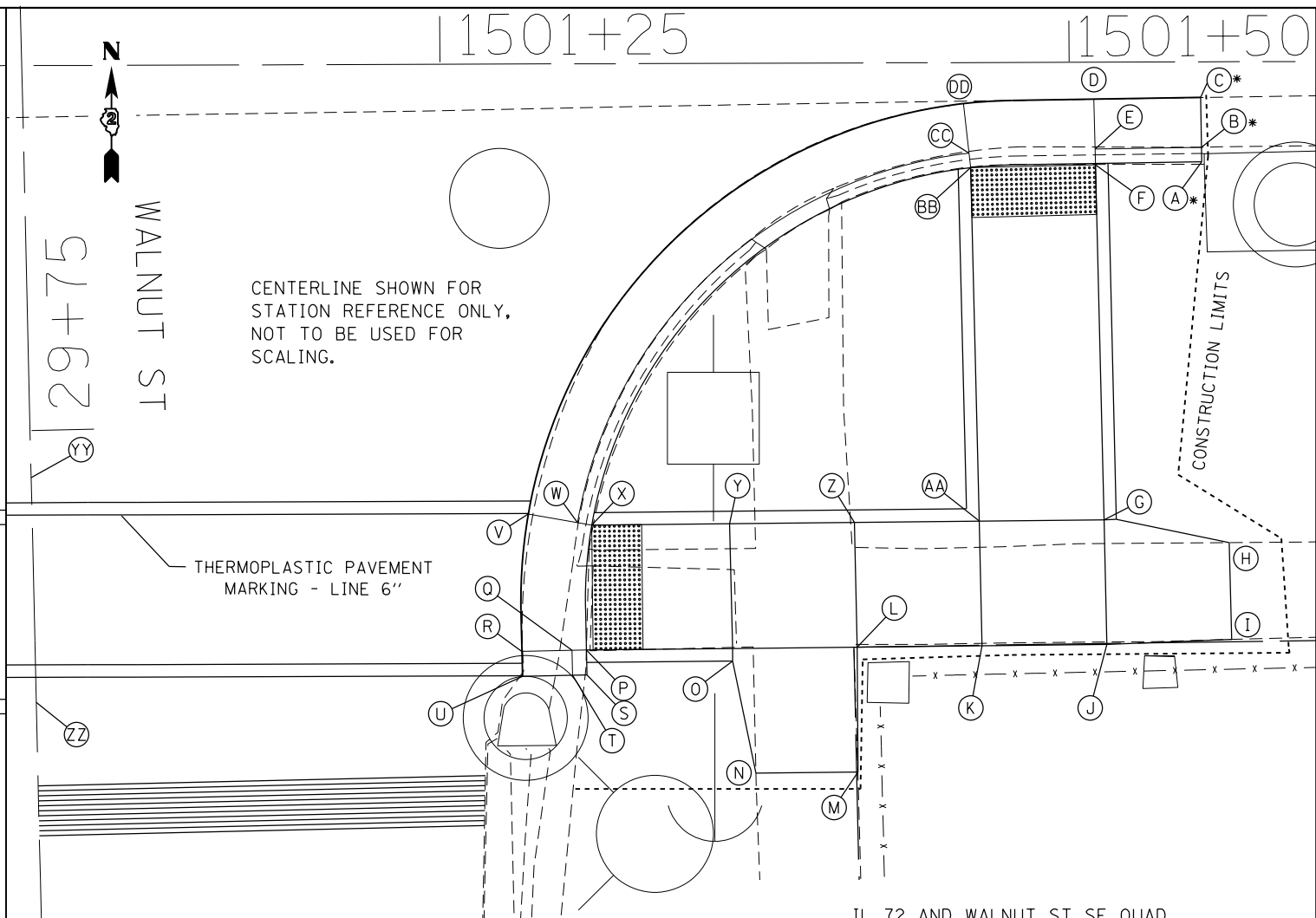
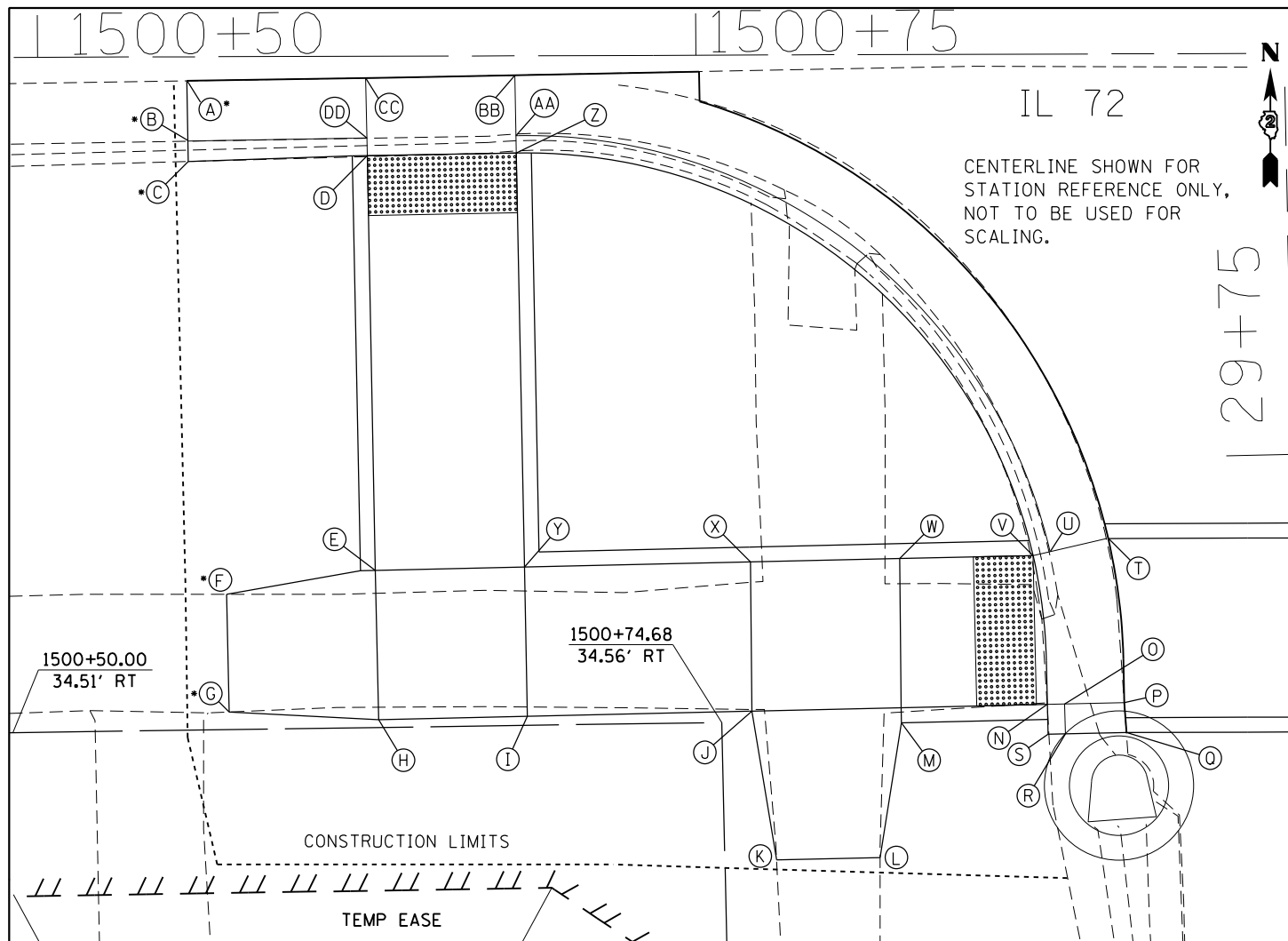
IL 72 AND WALNUT ST NE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1501+55.61	15.53'	LT	714.63
B	1501+55.61	14.84'	LT	714.10
C	1501+55.61	13.00'	LT	714.23
D	1501+50.69	13.08'	LT	713.57
E	1501+50.68	14.85'	LT	713.55
F	1501+50.67	15.53'	LT	713.56
G	1501+50.67	16.43'	LT	713.57
H	1501+50.61	24.46'	LT	713.43
I	1501+55.61	24.50'	LT	713.93
J	1501+60.61	24.53'	LT	714.43
K	1501+65.60	25.54'	LT	714.92
L	1501+65.57	29.57'	LT	714.90
M	1501+60.57	29.53'	LT	714.38
N	1501+55.57	29.50'	LT	713.88
O	1501+50.57	29.46'	LT	713.38
P	1501+45.57	29.42'	LT	713.33
Q	1501+40.57	29.39'	LT	713.02
R	1501+40.51	34.39'	LT	713.04
S	1501+40.44	39.39'	LT	713.26
T	1501+36.48	39.36'	LT	713.05
U	1501+35.52	34.35'	LT	712.99
V	1501+35.57	29.35'	LT	712.97
W	1501+34.34	29.34'	LT	712.90
X	1501+33.74	29.34'	LT	712.85
Y	1501+31.86	29.32'	LT	712.87
Z	1501+34.02	32.35'	LT	712.80
AA	1501+33.41	32.36'	LT	712.31
BB	1501+31.84	32.38'	LT	712.50
CC	1501+33.93	23.10'	LT	712.92
DD	1501+35.68	24.07'	LT	712.90
EE	1501+36.19	24.35'	LT	712.92
FF	1501+40.61	24.39'	LT	712.97
GG	1501+45.61	24.42'	LT	713.38
HH	1501+45.67	16.39'	LT	713.52
II	1501+45.48	15.84'	LT	713.50
JJ	1501+44.55	13.17'	LT	713.52

THERMOPLASTIC PAVEMENT MARKING LINE 6"

CENTERLINE SHOWN FOR STATION REFERENCE ONLY, NOT TO BE USED FOR SCALING.

* MATCH EXISTING ELEVATIONS



IL 72 AND WALNUT ST SW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1500+57.10	12.77'	RT	712.53
B	1500+57.11	14.79'	RT	712.42
C	1500+57.11	15.47'	RT	712.84
D	1500+63.11	15.38'	RT	712.38
E	1500+63.15	29.28'	RT	711.48
F	1500+58.16	29.99'	RT	711.17
G	1500+58.19	33.94'	RT	711.36
H	1500+63.19	34.28'	RT	711.43
I	1500+68.17	34.24'	RT	711.48
J	1500+75.70	34.19'	RT	712.03
K	1500+76.44	39.19'	RT	711.65
L	1500+79.91	39.16'	RT	711.71
M	1500+80.70	34.16'	RT	712.08
N	1500+85.60	34.13'	RT	712.17
O	1500+86.19	34.12'	RT	712.15
P	1500+88.19	34.11'	RT	712.18
Q	1500+88.24	35.11'	RT	712.16
R	1500+86.19	35.12'	RT	712.13
S	1500+85.61	35.13'	RT	712.08
T	1500+87.73	28.59'	RT	712.20
U	1500+85.77	29.01'	RT	712.18
V	1500+85.20	29.13'	RT	712.20
W	1500+80.73	29.16'	RT	712.13
X	1500+75.73	29.19'	RT	712.04
Y	1500+68.15	29.24'	RT	711.50
Z	1500+68.11	15.37'	RT	712.33
AA	1500+68.18	14.78'	RT	712.32
BB	1500+68.10	12.76'	RT	712.34
CC	1500+63.10	12.77'	RT	712.39
DD	1500+63.11	14.78'	RT	712.37

IL 72 AND WALNUT ST SE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1501+54.94	15.45'	RT	714.55
B	1501+54.94	14.87'	RT	714.01
C	1501+54.94	12.87'	RT	714.21
D	1501+50.66	12.87'	RT	713.93
E	1501+50.67	14.87'	RT	713.91
F	1501+50.68	15.50'	RT	713.92
G	1501+50.79	29.73'	RT	713.76
H	1501+55.79	30.73'	RT	714.09
I	1501+55.82	34.60'	RT	714.04
J	1501+50.82	34.73'	RT	713.71
K	1501+45.82	34.70'	RT	713.66
L	1501+40.82	34.67'	RT	713.25
M	1501+40.77	39.67'	RT	713.46
N	1501+36.68	39.65'	RT	713.39
O	1501+35.82	34.64'	RT	713.20
P	1501+29.97	34.61'	RT	712.79
Q	1501+29.39	34.62'	RT	712.78
R	1501+27.39	34.63'	RT	712.80
S	1501+29.98	35.61'	RT	712.76
T	1501+29.39	35.62'	RT	712.77
U	1501+27.39	35.63'	RT	712.78
V	1501+27.73	29.13'	RT	712.85
W	1501+29.69	29.51'	RT	712.83
X	1501+30.27	29.61'	RT	712.84
Y	1501+35.78	29.64'	RT	713.25
Z	1501+40.78	29.67'	RT	713.30
AA	1501+45.79	29.70'	RT	713.71
BB	1501+45.68	15.54'	RT	713.87
CC	1501+45.62	14.95'	RT	713.86
DD	1501+45.42	12.96'	RT	713.88
YY	1501+07.84	27.35'	RT	712.90
ZZ	1501+07.90	36.36'	RT	712.85

ISAIAH HILDRETH &
RENEE LEONARD

* MATCH EXISTING ELEVATIONS



MAPLE ST
| 40+50

| 40+25

IL 72 AND MAPLE ST NE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1505+93.13	18.81	LT	721.50
B	1505+92.84	18.41	LT	721.17
C	1505+91.64	16.73	LT	721.19
D	1505+96.82	14.05	LT	721.33
E	1505+96.87	16.23	LT	721.31
F	1505+96.87	16.77	LT	721.33
G	1505+96.98	21.77	LT	720.96
H	1505+97.06	26.77	LT	720.91
I	1505+97.09	41.77	LT	718.63
J	1506+00.92	41.69	LT	718.60
K	1506+01.08	26.69	LT	720.96
L	1506+00.98	21.69	LT	721.01
M	1506+00.85	15.72	LT	721.38
N	1506+00.84	15.18	LT	721.36
O	1506+00.80	13.11	LT	721.38
P	1506+06.79	12.94	LT	721.78
Q	1506+06.80	15.00	LT	721.46
R	1506+06.80	15.50	LT	722.16
S	1506+00.87	16.69	LT	721.37

CENTERLINE SHOWN FOR
STATION REFERENCE ONLY,
NOT TO BE USED FOR
SCALING.

1505+75

IL 72

1506+00

1506+02.97
49.00' LT

1506+12.00
49.00' LT

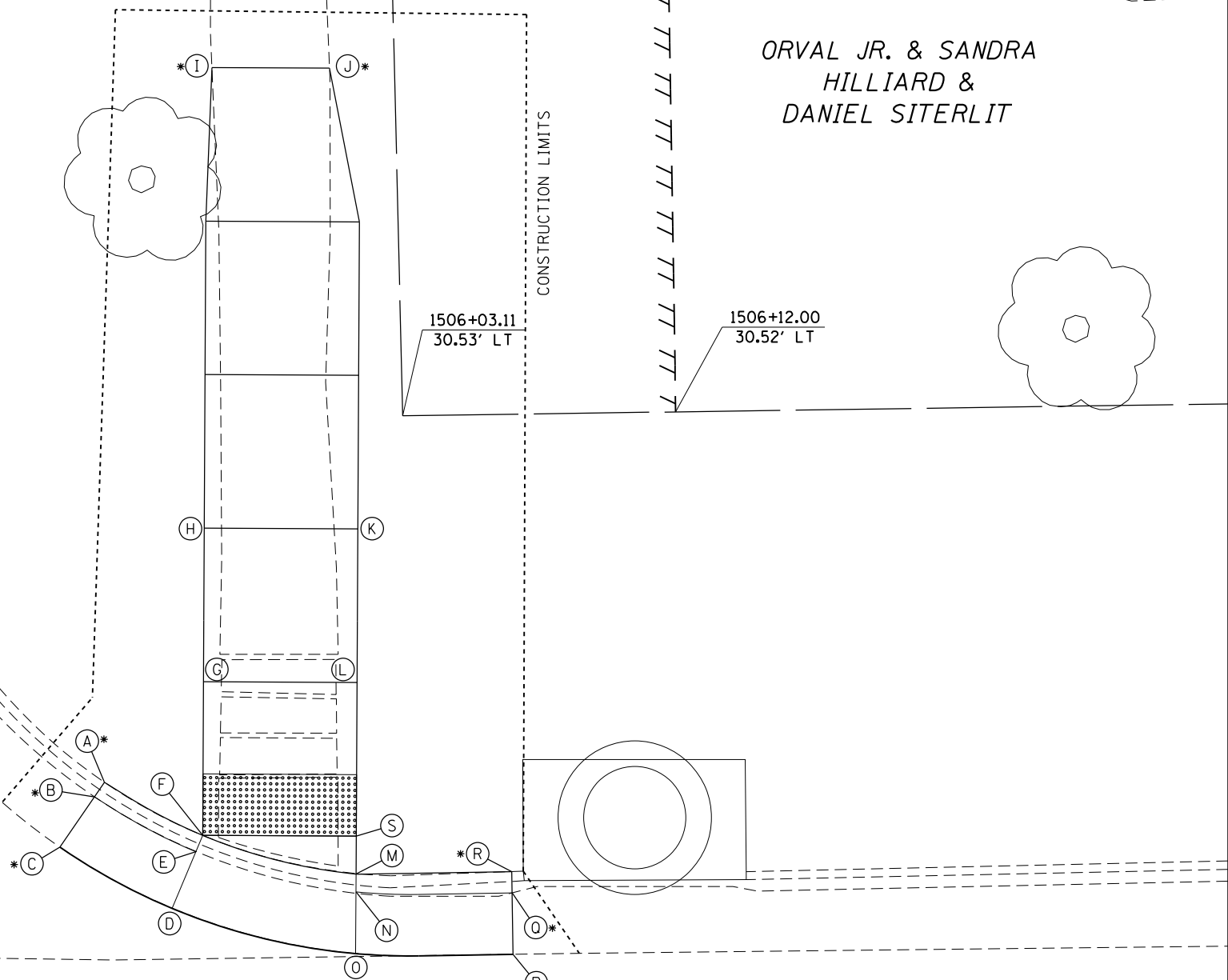
TEMP EASE

1506+03.11
30.53' LT

1506+12.00
30.52' LT

CONSTRUCTION LIMITS

ORVAL JR. & SANDRA
HILLIARD &
DANIEL SITERLIT

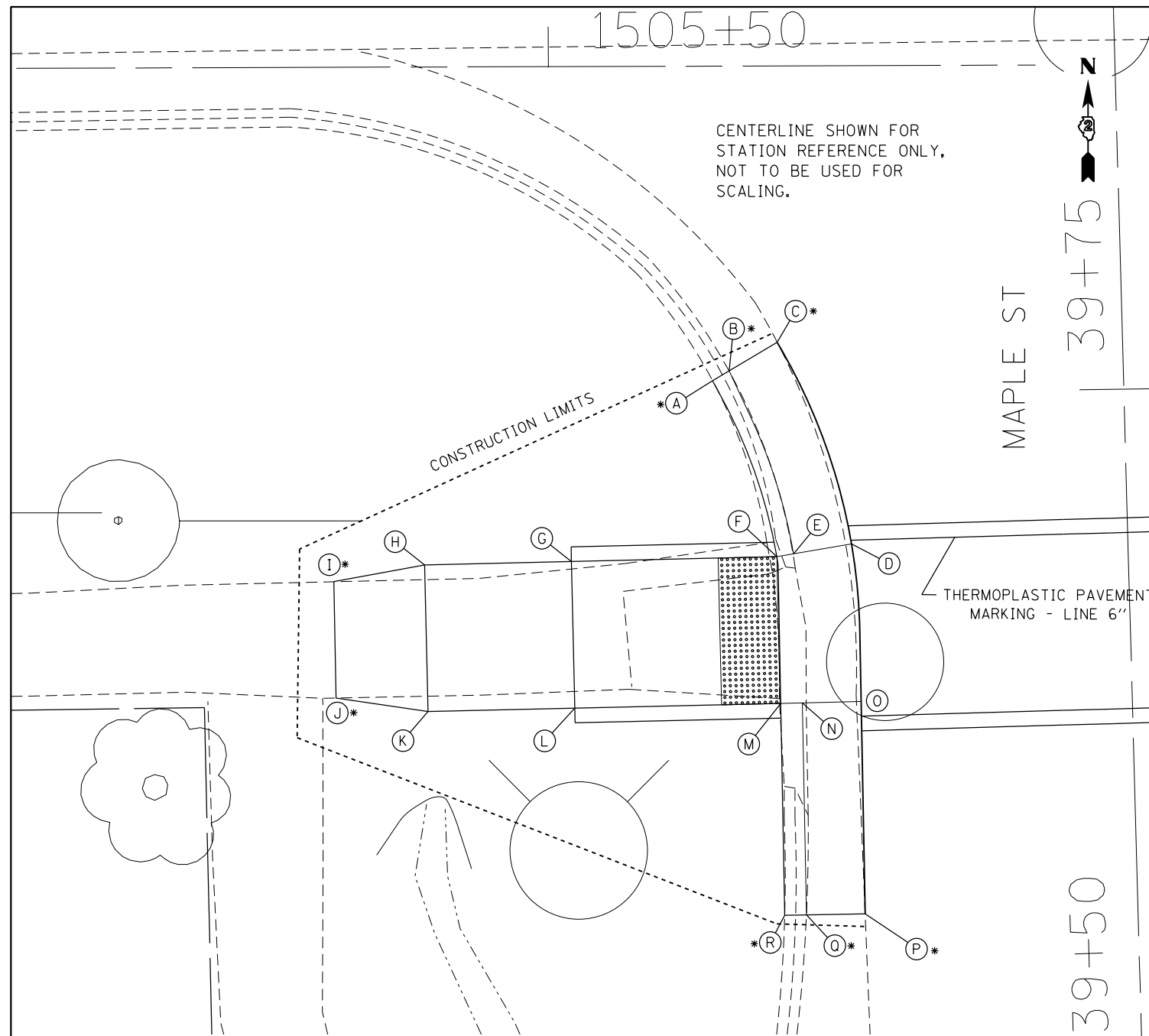


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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Mar-15-2017 08:11:24 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

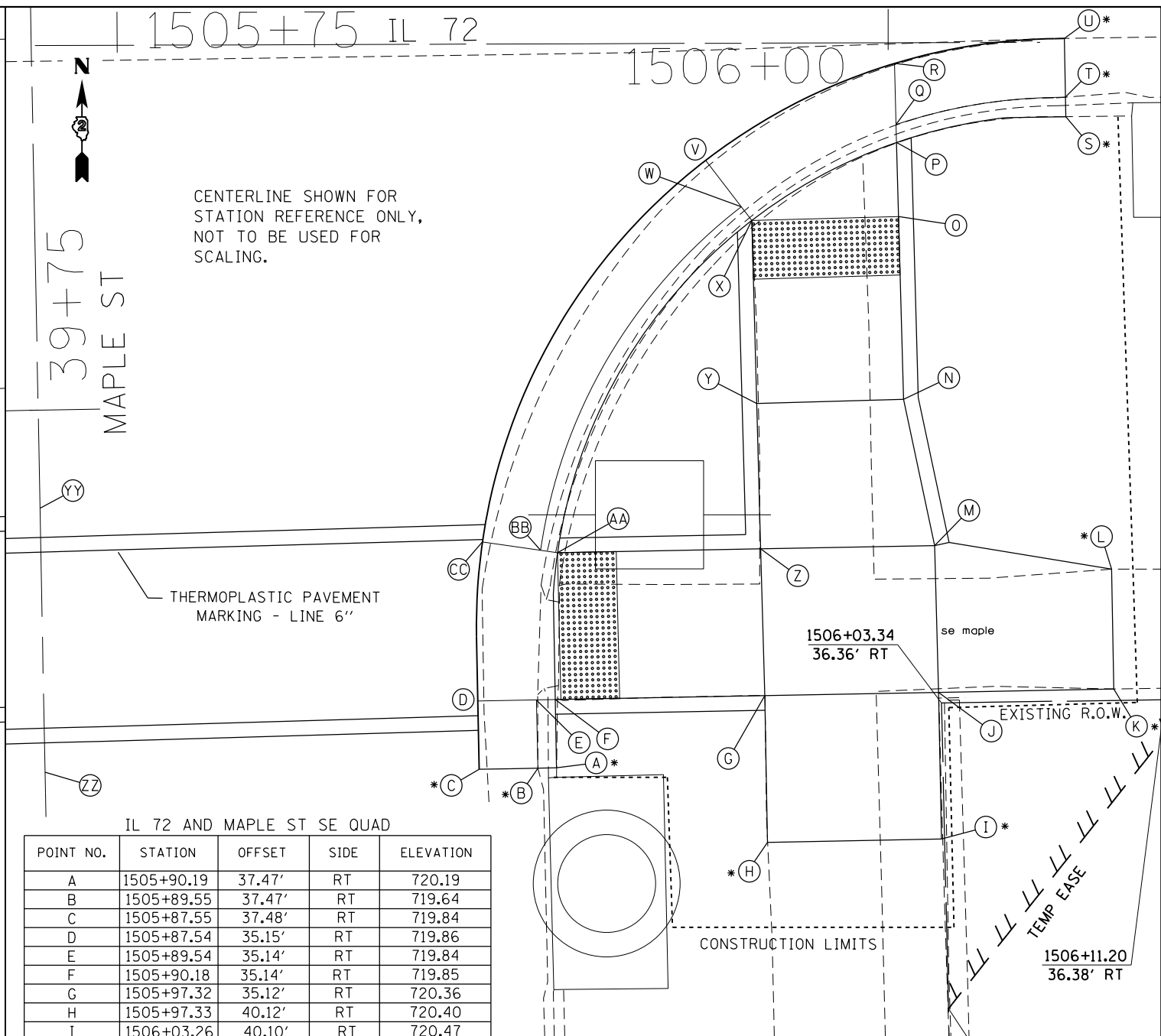
ADA RAMP DETAILS			
IL 72 /MAPLE ST (STILLMAN VALLEY)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	46
CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT	



IL 72 AND MAPLE ST SW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1505+54.83	24.50'	RT	720.79
B	1505+55.40	24.17'	RT	720.39
C	1505+57.05	23.22'	RT	720.49
D	1505+59.47	30.13'	RT	720.02
E	1505+57.49	30.44'	RT	720.00
F	1505+56.92	30.53'	RT	720.01
G	1505+49.92	30.58'	RT	719.83
H	1505+44.92	30.61'	RT	719.78
I	1505+41.81	31.13'	RT	719.59
J	1505+41.82	35.10'	RT	719.57
K	1505+44.95	35.61'	RT	719.76
L	1505+49.95	35.58'	RT	719.81
M	1505+56.97	35.53'	RT	719.96
N	1505+57.71	35.52'	RT	719.95
O	1505+59.71	35.51'	RT	719.97
P	1505+59.73	42.74'	RT	719.64
Q	1505+57.73	42.74'	RT	719.41
R	1505+56.99	42.75'	RT	719.90



IL 72 AND MAPLE ST SE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1505+90.19	37.47'	RT	720.19
B	1505+89.55	37.47'	RT	719.64
C	1505+87.55	37.48'	RT	719.84
D	1505+87.54	35.15'	RT	719.86
E	1505+89.54	35.14'	RT	719.84
F	1505+90.18	35.14'	RT	719.85
G	1505+97.32	35.12'	RT	720.36
H	1505+97.33	40.12'	RT	720.40
I	1506+03.26	40.10'	RT	720.47
J	1506+03.24	35.10'	RT	720.41
K	1506+09.21	35.09'	RT	720.93
L	1506+09.20	31.01'	RT	720.91
M	1506+03.19	30.10'	RT	720.39
N	1506+02.21	25.11'	RT	720.79
O	1506+02.14	18.87'	RT	721.18
P	1506+02.11	16.35'	RT	721.21
Q	1506+02.10	15.74'	RT	721.20
R	1506+02.08	13.66'	RT	721.22
S	1506+07.89	15.57'	RT	722.14
T	1506+07.89	14.90'	RT	721.73
U	1506+07.89	12.90'	RT	721.80
V	1505+95.60	16.85'	RT	721.13
W	1505+96.79	18.46'	RT	721.15
X	1505+97.14	18.93'	RT	721.16
Y	1505+97.21	25.16'	RT	720.75
Z	1505+97.26	30.12'	RT	720.34
AA	1505+90.34	30.14'	RT	719.80
BB	1505+89.77	30.05'	RT	719.79
CC	1505+87.79	29.73'	RT	719.81
YY	1505+72.74	28.34'	RT	720.40
ZZ	1505+72.77	37.34'	RT	720.36

VALLEY EVANGELICAL
COVENANT CHURCH

* MATCH EXISTING ELEVATIONS

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -
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Default	PLOT DATE = Mar-15-2017 08:11:45 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 / MAPLE ST (STILLMAN VALLEY)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	47
CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT	

1507+00

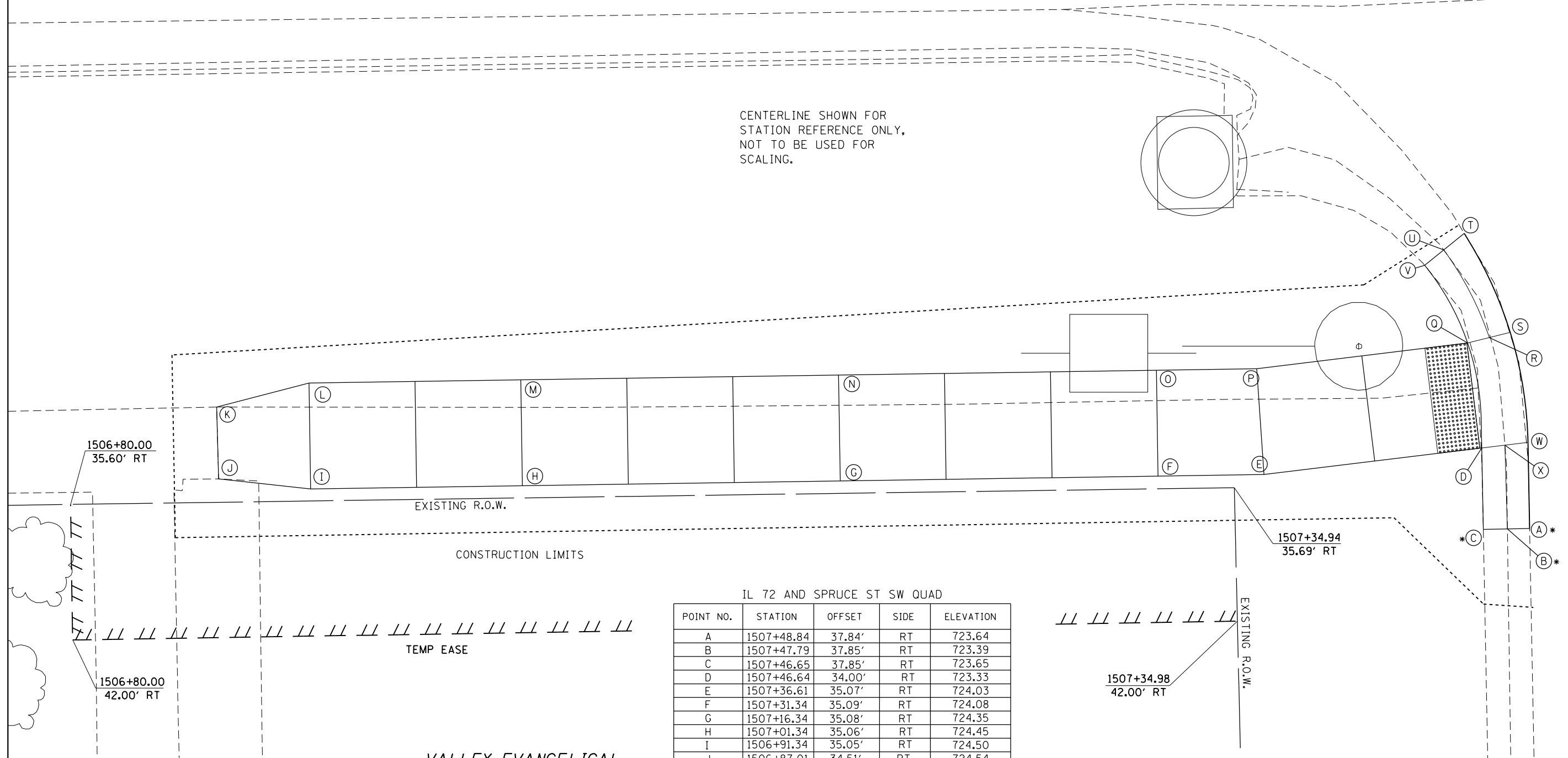
1507+25

IL 72

99+75
SPRUCE ST
99+50



CENTERLINE SHOWN FOR
STATION REFERENCE ONLY,
NOT TO BE USED FOR
SCALING.



IL 72 AND SPRUCE ST SW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1507+48.84	37.84'	RT	723.64
B	1507+47.79	37.85'	RT	723.39
C	1507+46.65	37.85'	RT	723.65
D	1507+46.64	34.00'	RT	723.33
E	1507+36.61	35.07'	RT	724.03
F	1507+31.34	35.09'	RT	724.08
G	1507+16.34	35.08'	RT	724.35
H	1507+01.34	35.06'	RT	724.45
I	1506+91.34	35.05'	RT	724.50
J	1506+87.01	34.51'	RT	724.54
K	1506+86.97	31.11'	RT	724.50
L	1506+91.35	30.05'	RT	724.45
M	1507+01.35	30.06'	RT	724.40
N	1507+16.35	30.08'	RT	724.30
O	1507+31.35	30.09'	RT	724.05
P	1507+36.08	30.09'	RT	724.00
Q	1507+46.05	29.04'	RT	723.28
R	1507+47.08	28.80'	RT	723.27
S	1507+48.06	28.56'	RT	723.29
T	1507+45.98	23.86'	RT	723.46
U	1507+45.00	24.63'	RT	723.17
V	1507+44.09	25.34'	RT	723.50
W	1507+48.83	33.77'	RT	723.34
X	1507+47.73	33.89'	RT	723.32

VALLEY EVANGELICAL
COVENANT CHURCH

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE = Mar-15-2017 08:12:07 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS	
IL 72 / SPRUCE ST (STILLMAN VALLEY)	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	48
CONTRACT NO. 64H06				
ILLINOIS FED. AID PROJECT				



1507+75
IL 72

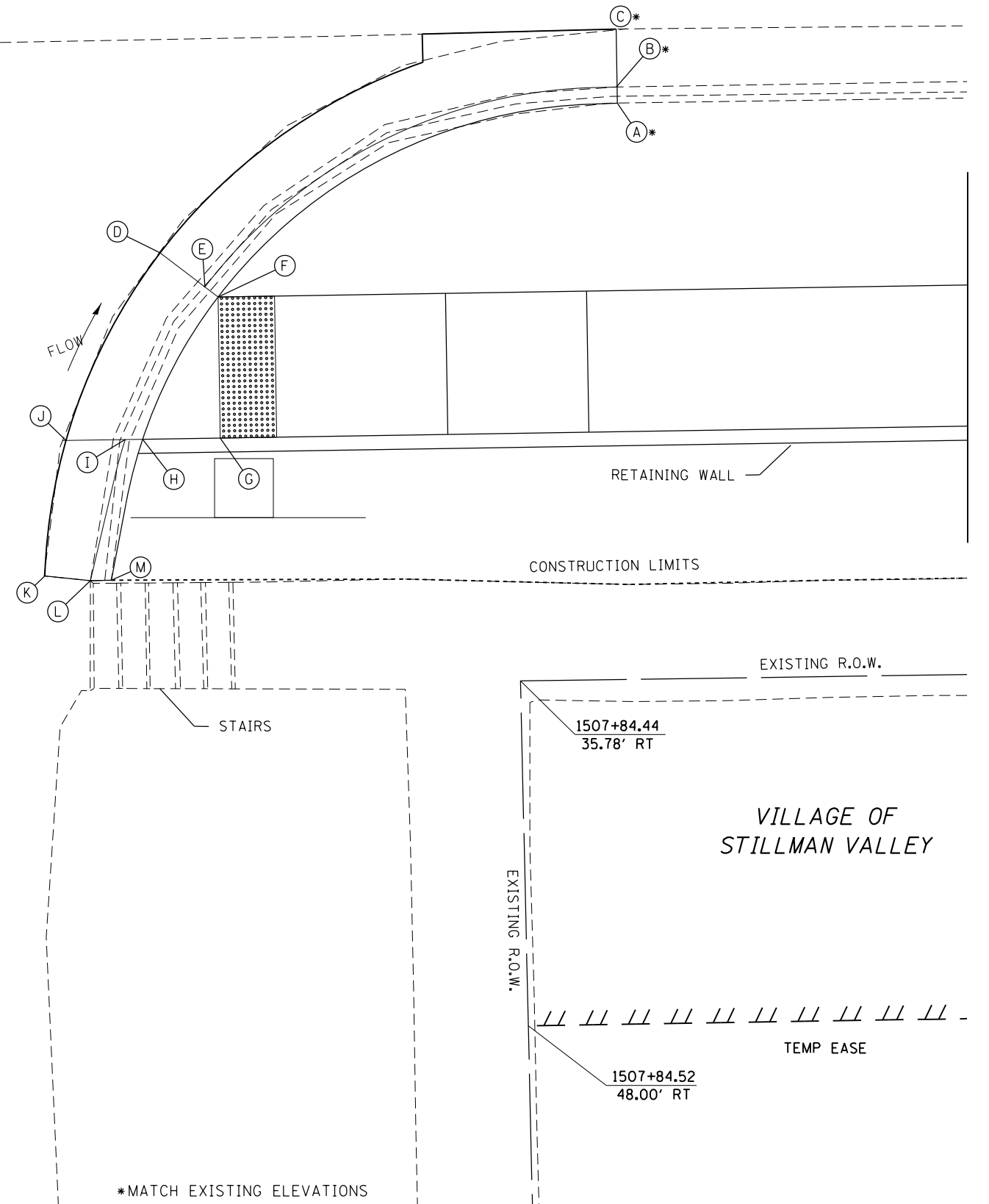
CENTERLINE SHOWN FOR
STATION REFERENCE ONLY,
NOT TO BE USED FOR
SCALING.

IL 72 AND SPRUCE ST SE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1507+88.20	15.36	RT	724.23
B	1507+88.20	14.79	RT	723.79
C	1507+88.20	12.73	RT	723.88
D	1507+70.67	22.00	RT	724.41
E	1507+72.75	22.01	RT	724.38
F	1507+73.47	22.00	RT	724.40
G	1507+73.47	27.00	RT	723.99
H	1507+70.77	27.01	RT	724.42
I	1507+70.11	26.99	RT	724.40
J	1507+68.34	27.00	RT	724.43
K	1507+67.61	31.79	RT	724.06
L	1507+69.25	31.98	RT	724.01
M	1507+69.99	31.98	RT	724.39

NOTE: SEE PLAN & PROFILE DETAIL FOR
ADDITIONAL INFORMATION SE QUADRANT,
SPRUCE & IL 72

SPRUCE ST



MATCH LINE 1508+00

*MATCH EXISTING ELEVATIONS

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 72 / SPRUCE ST (STILLMAN VALLEY)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	553	(119.120)RS-5	OGLE	97	49
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					ILLINOIS FED. AID PROJECT										

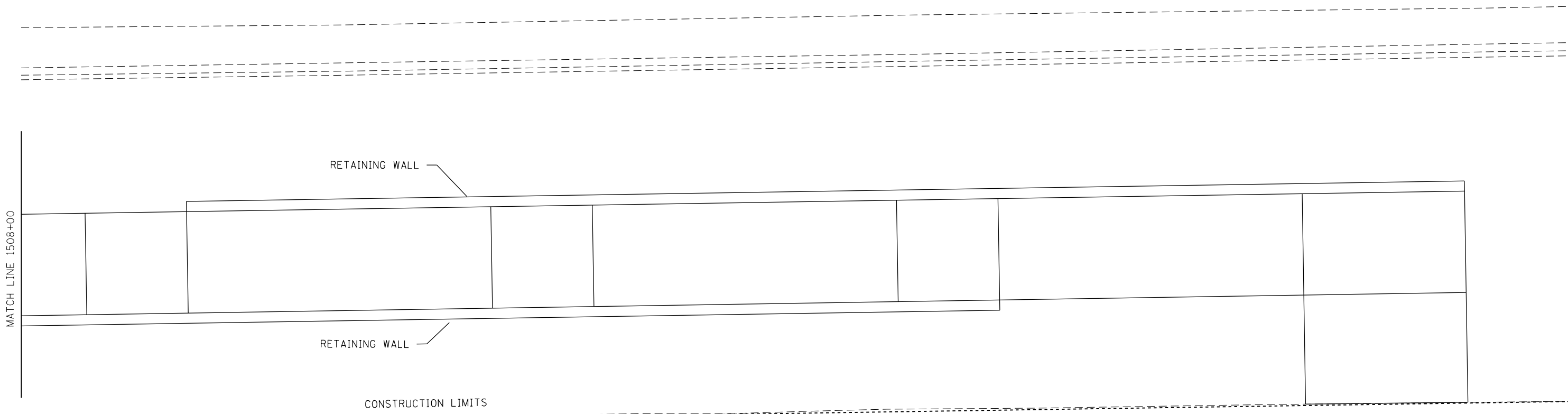
1508+00

IL 72

1508+25



CENTERLINE SHOWN FOR STATION REFERENCE ONLY, NOT TO BE USED FOR SCALING.



EXISTING R.O.W.

NOTE: SEE PLAN & PROFILE DETAIL FOR ADDITIONAL INFORMATION SE QUADRANT, SPRUCE & IL 72

VILLAGE OF STILLMAN VALLEY

STAIRS

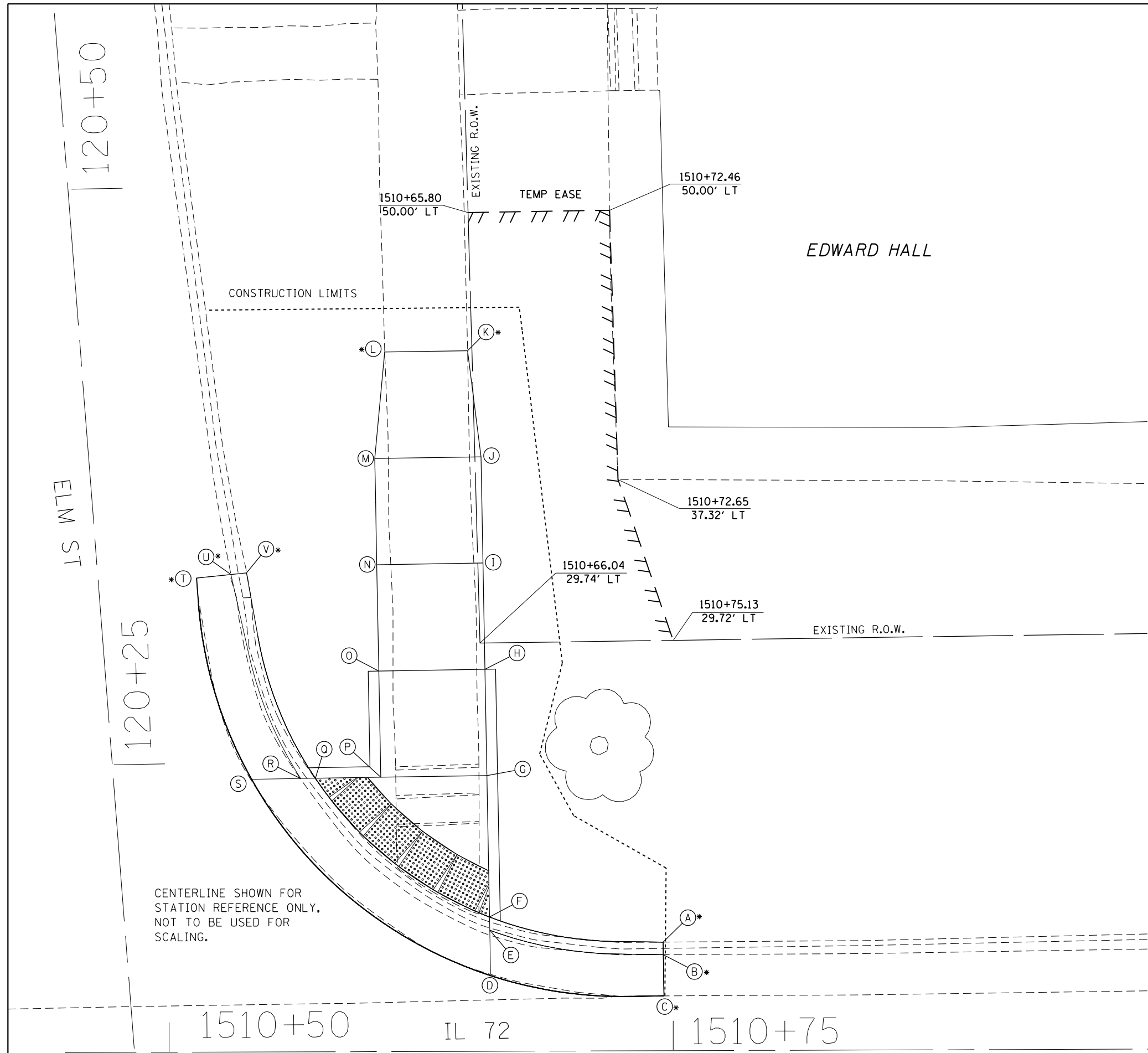
* MATCH EXISTING ELEVATIONS

TEMP EASE

EASEMENT CONTINUES TO STA. 1507+87 AT AN OFFSET OF 48.00' RT

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 72 / SPRUCE ST (STILLMAN VALLEY)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	553	(119.120)RS-5	OGLE	97	50
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ILLINOIS FED. AID PROJECT



IL 72 AND ELM ST NE QUAD

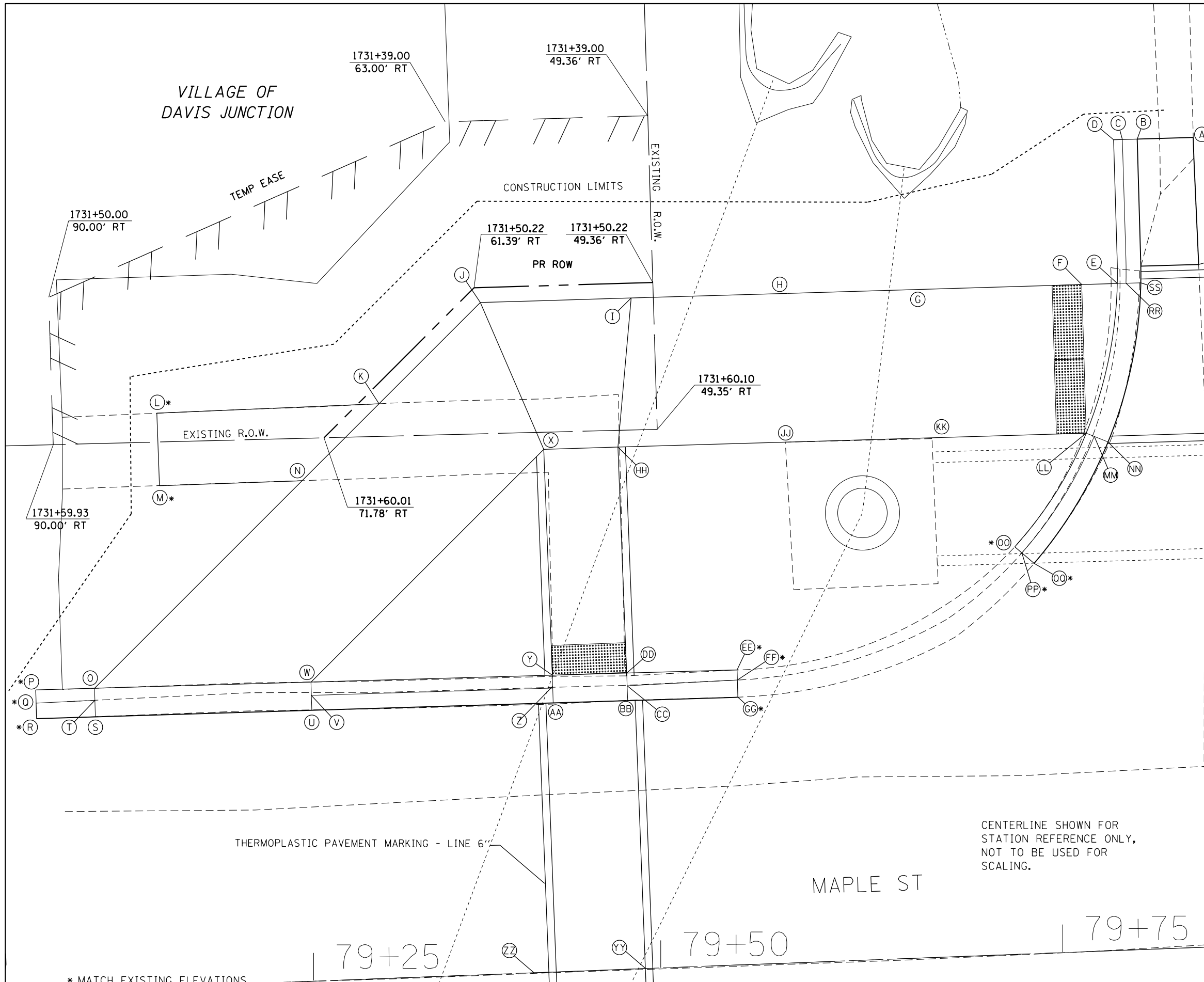
POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1510+74.43	15.53'	LT	718.81
B	1510+74.43	14.94'	LT	718.42
C	1510+74.43	13.00'	LT	718.47
D	1510+66.28	14.08'	LT	718.48
E	1510+66.28	16.22'	LT	718.40
F	1510+66.28	16.84'	LT	718.44
G	1510+66.26	23.50'	LT	718.37
H	1510+66.25	28.50'	LT	718.32
I	1510+66.24	33.50'	LT	717.56
J	1510+66.22	38.50'	LT	716.80
K	1510+65.67	43.50'	LT	716.05
L	1510+61.77	43.50'	LT	716.01
M	1510+61.22	38.50'	LT	716.75
N	1510+61.24	33.50'	LT	717.51
O	1510+61.25	28.50'	LT	718.27
P	1510+61.26	23.50'	LT	718.32
Q	1510+58.18	23.50'	LT	718.29
R	1510+57.49	23.50'	LT	718.25
S	1510+55.18	23.50'	LT	718.33
T	1510+52.74	33.01'	LT	717.65
U	1510+54.37	33.15'	LT	717.63
V	1510+55.10	33.22'	LT	717.97



VILLAGE OF
DAVIS JUNCTION

IL 72
1731+501

IL 72 AND MAPLE ST SW QUAD



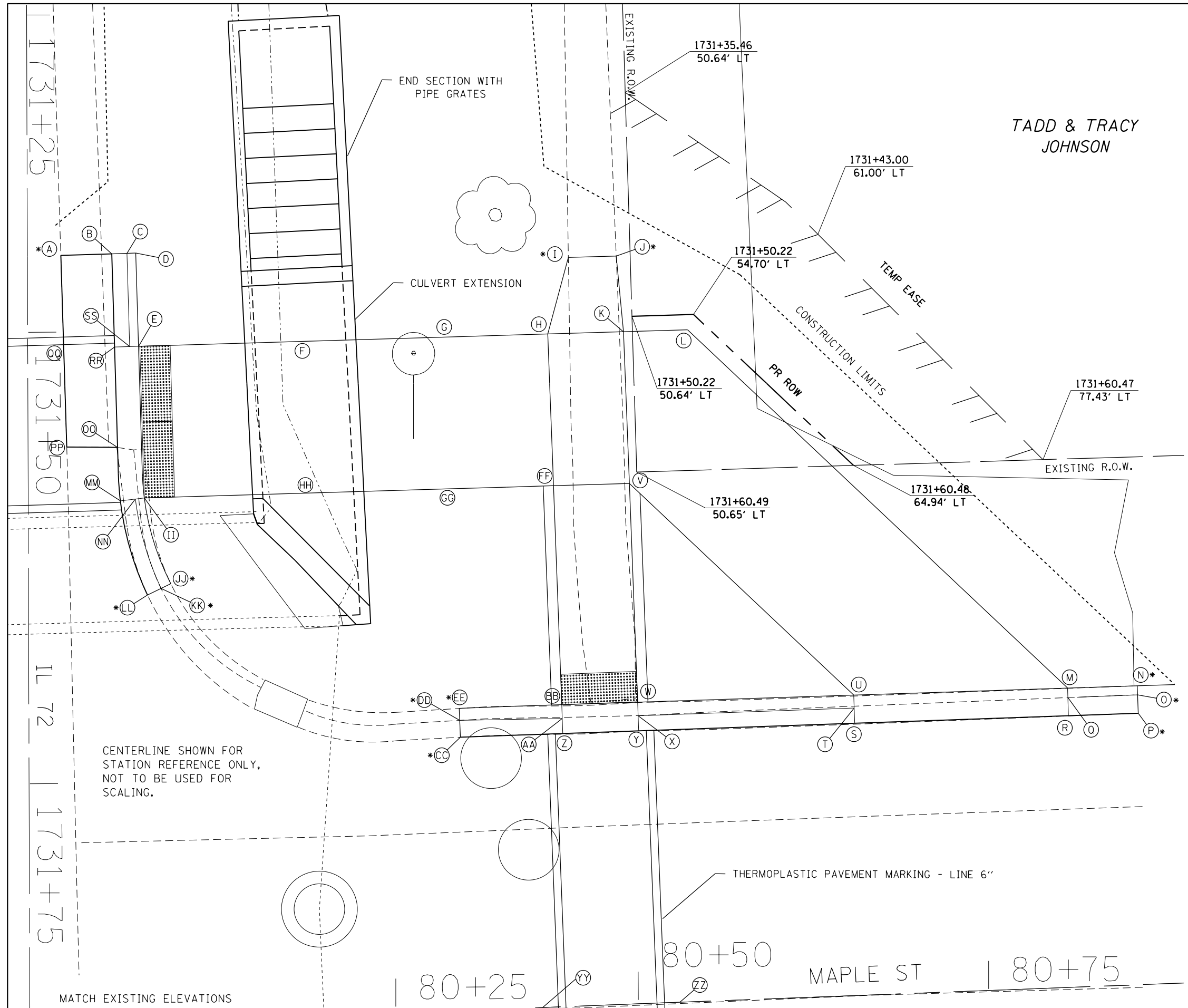
POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1731+41.55	12.72'	RT	787.03
B	1731+41.55	16.50'	RT	786.79
C	1731+41.55	17.50'	RT	786.63
D	1731+41.55	18.08'	RT	786.54
E	1731+51.22	18.12'	RT	786.80
F	1731+51.22	20.52'	RT	786.82
G	1731+51.28	30.98'	RT	787.00
H	1731+51.22	40.85'	RT	786.98
J	1731+51.22	60.99'	RT	786.80
K	1731+57.83	68.00'	RT	786.78
L	1731+58.02	82.97'	RT	787.54
M	1731+62.90	82.94'	RT	787.50
N	1731+62.85	73.30'	RT	786.75
O	1731+76.39	87.71'	RT	786.70
P	1731+76.38	91.67'	RT	786.76
Q	1731+77.27	91.67'	RT	786.63
R	1731+78.32	91.67'	RT	786.71
S	1731+78.31	87.71'	RT	786.72
T	1731+77.19	87.71'	RT	786.70
U	1731+78.30	73.15'	RT	786.77
V	1731+77.30	73.15'	RT	786.75
W	1731+76.41	73.15'	RT	786.76
X	1731+61.22	57.03'	RT	786.75
Y	1731+76.43	56.90'	RT	786.85
Z	1731+77.29	56.90'	RT	786.84
AA	1731+78.29	56.91'	RT	786.86
BB	1731+78.29	51.89'	RT	786.90
CC	1731+77.29	51.89'	RT	786.88
DD	1731+76.44	51.90'	RT	786.89
EE	1731+76.45	44.47'	RT	787.05
FF	1731+77.12	44.47'	RT	786.93
GG	1731+78.28	44.47'	RT	786.91
HH	1731+61.22	52.03'	RT	786.80
II	not used			786.80
JJ	1731+61.22	40.77'	RT	787.06
KK	1731+61.28	30.90'	RT	787.07
LL	1731+61.22	20.52'	RT	786.95
MM	1731+61.46	19.98'	RT	786.94
NN	1731+61.86	19.07'	RT	786.96
OO	1731+68.73	25.55'	RT	787.17
PP	1731+69.15	25.08'	RT	787.09
QQ	1731+69.88	24.28'	RT	787.11
RR	1731+51.22	17.54'	RT	786.79
SS	1731+51.22	16.54'	RT	786.77
TT	1731+50.11	12.62'	RT	786.79
YY	1731+96.33	49.73'	RT	787.39
ZZ	1731+96.40	58.73'	RT	787.35

CENTERLINE SHOWN FOR
STATION REFERENCE ONLY,
NOT TO BE USED FOR
SCALING.

THERMOPLASTIC PAVEMENT MARKING - LINE 6"

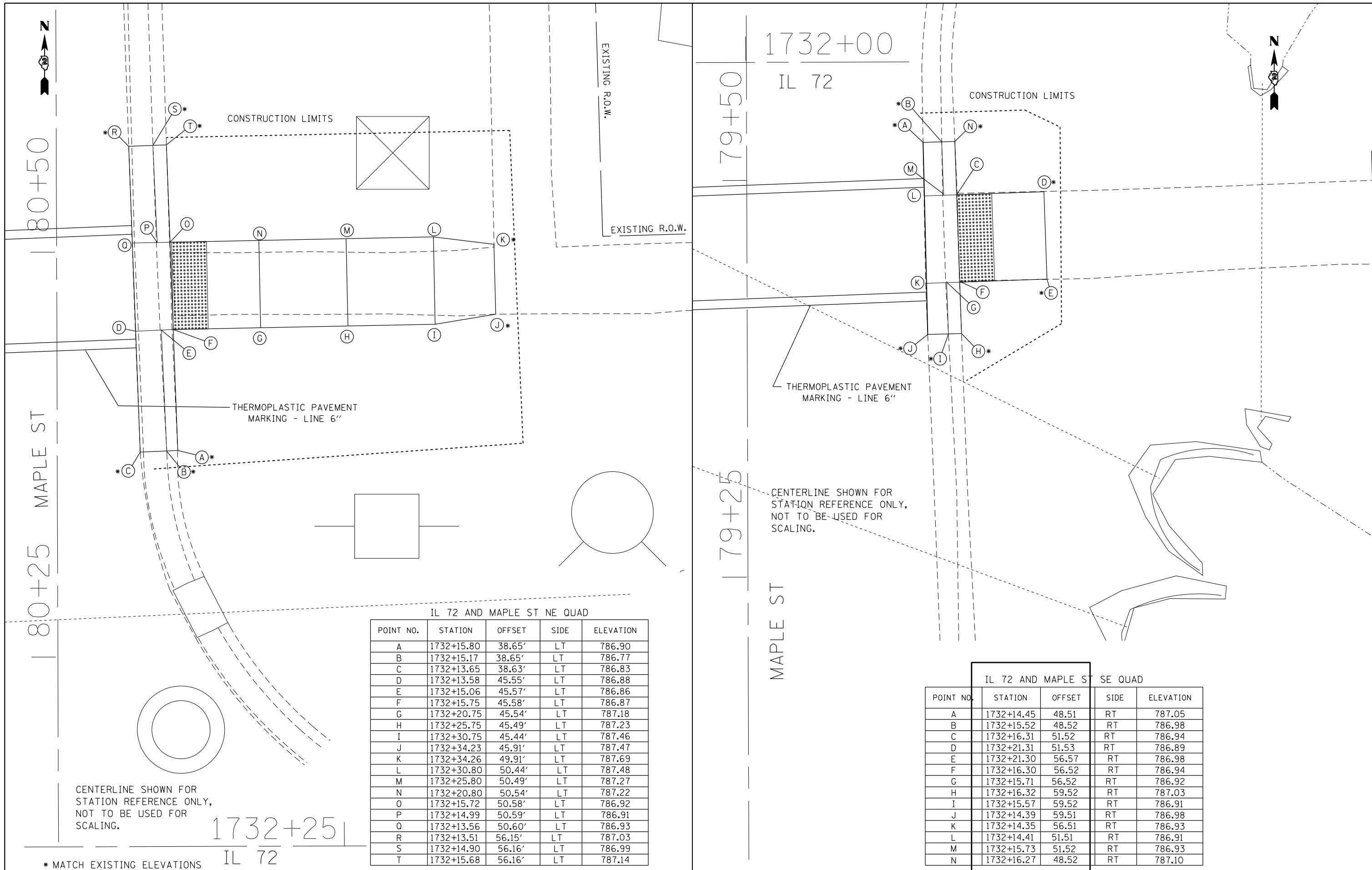
* MATCH EXISTING ELEVATIONS

FILE NAME =	USER NAME = FASLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 72 /MAPLE ST (DAVIS JUNCTION)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default		DATE -	REVISED -		CONTRACT NO.								
	PLOT DATE = Mar-15-2017 08:13:19 AM				ILLINOIS FED. AID PROJECT								



IL 72 AND MAPLE ST NW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1731+45.08	13.14'	LT	787.06
B	1731+45.08	16.50'	LT	787.04
C	1731+45.08	17.50'	LT	787.03
D	1731+45.08	18.08'	LT	787.04
E	1731+51.22	18.08'	LT	787.00
F	1731+51.22	28.16'	LT	787.27
G	1731+51.22	38.16'	LT	787.38
H	1731+51.22	45.06'	LT	787.48
I	1731+46.22	46.57'	LT	787.55
J	1731+46.22	49.73'	LT	787.71
K	1731+51.22	50.06'	LT	787.53
L	1731+51.22	54.28'	LT	787.51
M	1731+75.56	78.60'	LT	787.43
N	1731+75.55	83.19'	LT	787.53
O	1731+76.14	83.20'	LT	787.39
P	1731+77.36	83.20'	LT	787.43
Q	1731+77.38	78.61'	LT	787.39
R	1731+76.19	78.60'	LT	787.42
S	1731+77.46	64.51'	LT	787.22
T	1731+76.46	64.51'	LT	787.20
U	1731+75.60	64.50'	LT	787.21
V	1731+61.22	50.14'	LT	787.45
W	1731+75.64	50.26'	LT	786.98
X	1731+76.54	50.26'	LT	786.97
Y	1731+77.54	50.27'	LT	786.99
Z	1731+77.57	45.27'	LT	786.92
AA	1731+76.57	45.26'	LT	786.90
BB	1731+75.66	45.26'	LT	786.91
CC	1731+77.60	38.51'	LT	786.74
DD	1731+76.49	38.50'	LT	786.73
EE	1731+75.70	38.49'	LT	786.84
FF	1731+61.22	45.14'	LT	787.46
GG	1731+61.22	38.16'	LT	787.36
HH	1731+61.22	28.16'	LT	787.24
II	1731+61.22	18.16'	LT	786.94
JJ	1731+66.92	19.73'	LT	786.86
KK	1731+67.22	19.08'	LT	786.83
LL	1731+67.62	18.18'	LT	786.93
MM	1731+61.36	16.58'	LT	786.95
NN	1731+61.28	17.58'	LT	786.93
OO	1731+57.84	16.50'	LT	786.98
PP	1731+57.71	13.15'	LT	787.02
QQ	1731+51.22	13.15'	LT	787.04
RR	1731+51.22	16.50'	LT	787.01
SS	1731+51.22	17.50'	LT	786.99
YY	1731+95.56	43.44'	LT	787.32
ZZ	1731+95.49	52.44'	LT	787.36



IL 72 AND MAPLE ST NE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1732+15.80	38.65'	LT	786.90
B	1732+15.17	38.65'	LT	786.77
C	1732+13.65	38.63'	LT	786.83
D	1732+13.58	45.55'	LT	786.88
E	1732+15.06	45.57'	LT	786.86
F	1732+15.75	45.58'	LT	786.87
G	1732+20.75	45.54'	LT	787.18
H	1732+25.75	45.49'	LT	787.23
I	1732+30.75	45.44'	LT	787.46
J	1732+34.23	45.91'	LT	787.47
K	1732+34.26	49.91'	LT	787.69
L	1732+30.80	50.44'	LT	787.48
M	1732+25.80	50.49'	LT	787.27
N	1732+20.80	50.54'	LT	787.22
O	1732+15.72	50.58'	LT	786.92
P	1732+14.99	50.59'	LT	786.91
Q	1732+13.56	50.60'	LT	786.93
R	1732+13.51	56.15'	LT	787.03
S	1732+14.90	56.16'	LT	786.99
T	1732+15.68	56.16'	LT	787.14

IL 72 AND MAPLE ST SE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1732+14.45	48.51	RT	787.05
B	1732+15.52	48.52	RT	786.98
C	1732+16.31	51.52	RT	786.94
D	1732+21.31	51.53	RT	786.89
E	1732+21.30	56.57	RT	786.98
F	1732+16.30	56.52	RT	786.94
G	1732+15.71	56.52	RT	786.92
H	1732+16.32	59.52	RT	787.03
I	1732+15.57	59.52	RT	786.91
J	1732+14.39	59.51	RT	786.98
K	1732+14.35	56.51	RT	786.93
L	1732+14.41	51.51	RT	786.91
M	1732+15.73	51.52	RT	786.93
N	1732+16.27	48.52	RT	787.10

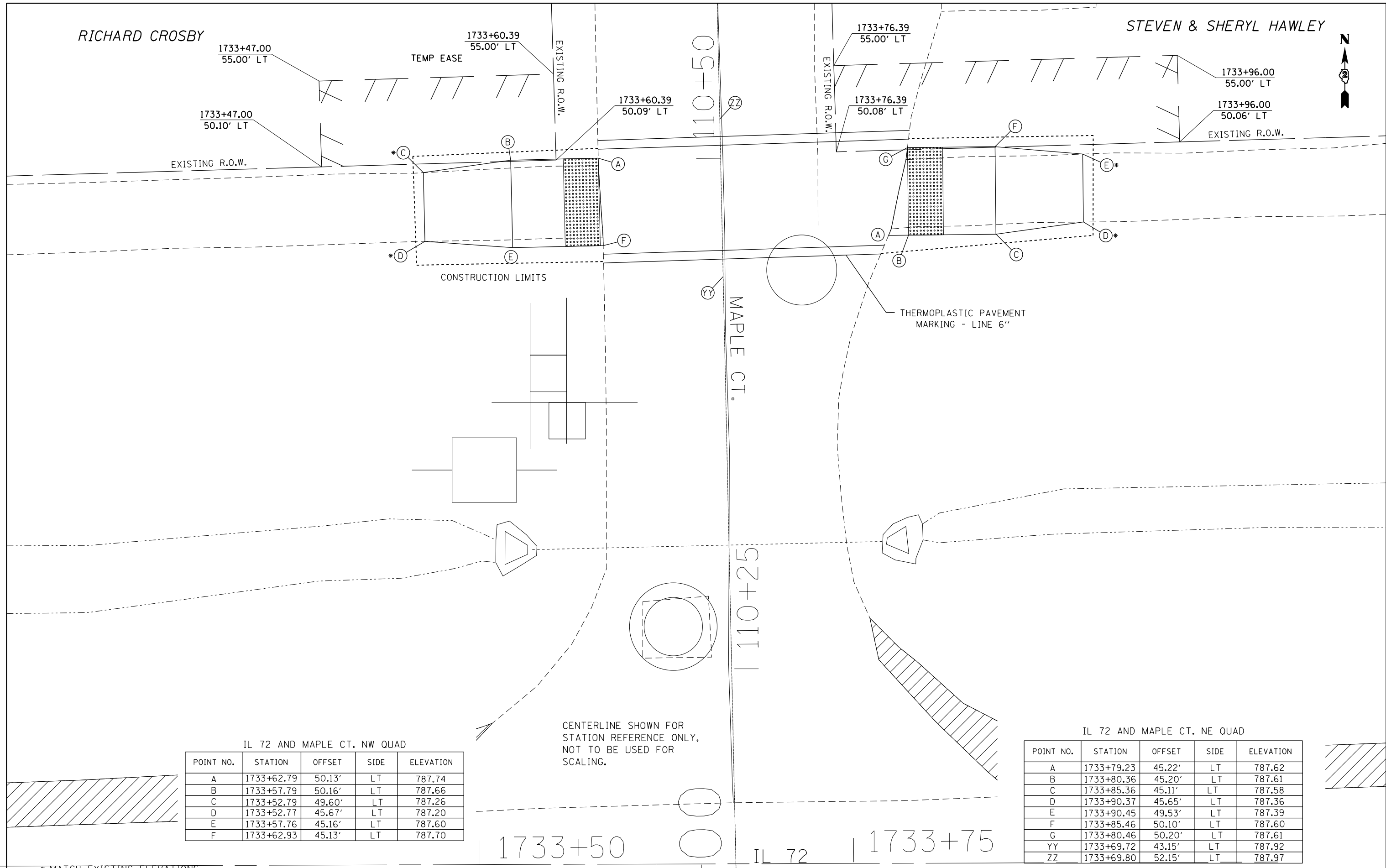
CENTERLINE SHOWN FOR STATION REFERENCE ONLY, NOT TO BE USED FOR SCALING.

1732+25
IL 72

* MATCH EXISTING ELEVATIONS

RICHARD CROSBY

STEVEN & SHERYL HAWLEY



IL 72 AND MAPLE CT. NW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1733+62.79	50.13'	LT	787.74
B	1733+57.79	50.16'	LT	787.66
C	1733+52.79	49.60'	LT	787.26
D	1733+52.77	45.67'	LT	787.20
E	1733+57.76	45.16'	LT	787.60
F	1733+62.93	45.13'	LT	787.70

CENTERLINE SHOWN FOR STATION REFERENCE ONLY, NOT TO BE USED FOR SCALING.

IL 72 AND MAPLE CT. NE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1733+79.23	45.22'	LT	787.62
B	1733+80.36	45.20'	LT	787.61
C	1733+85.36	45.11'	LT	787.58
D	1733+90.37	45.65'	LT	787.36
E	1733+90.45	49.53'	LT	787.39
F	1733+85.46	50.10'	LT	787.60
G	1733+80.46	50.20'	LT	787.61
YY	1733+69.72	43.15'	LT	787.92
ZZ	1733+69.80	52.15'	LT	787.97

* MATCH EXISTING ELEVATIONS

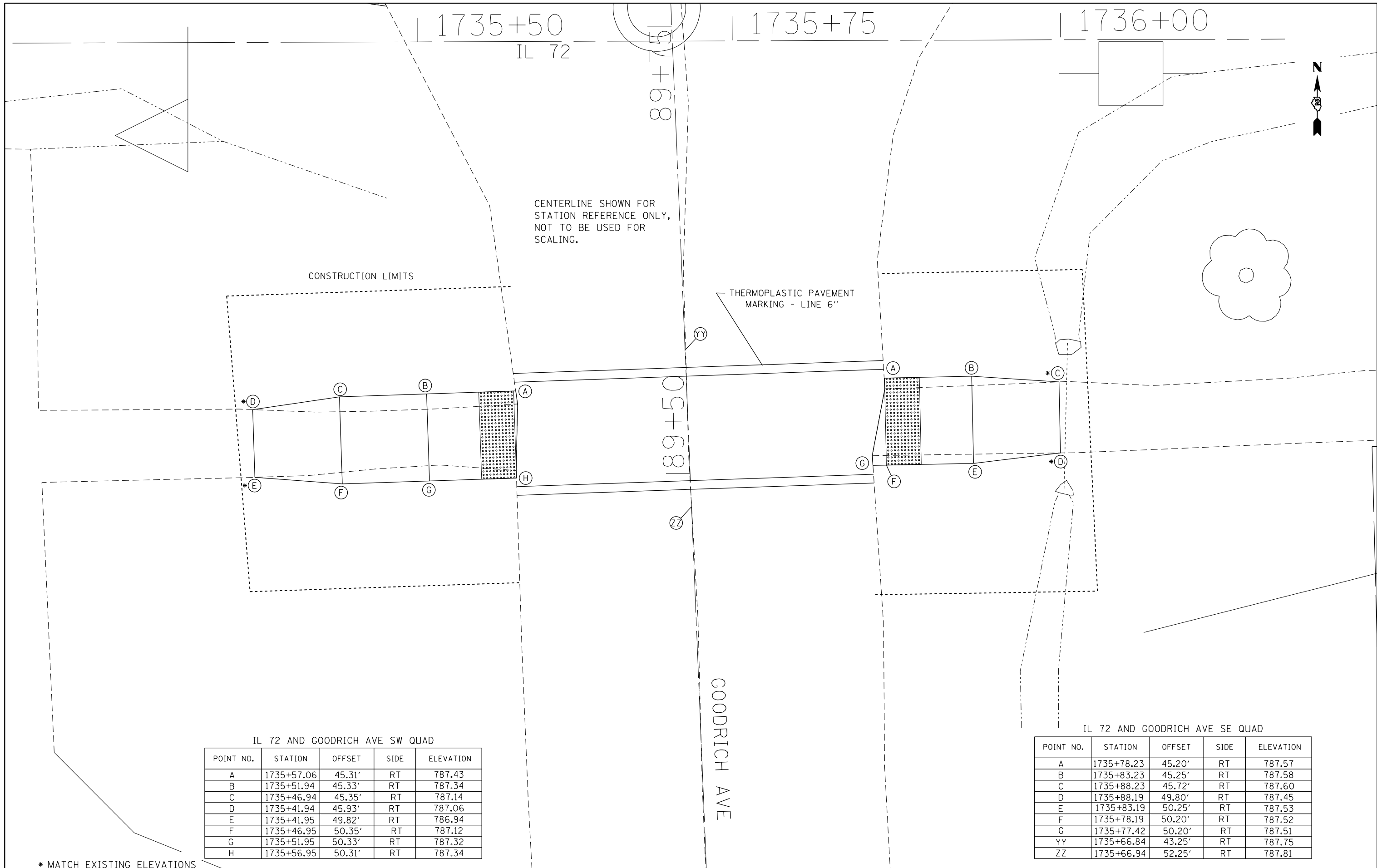
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 /ALLEY (DAVIS JUNCTION)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	55
CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT	



IL 72 AND GOODRICH AVE SW QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1735+57.06	45.31'	RT	787.43
B	1735+51.94	45.33'	RT	787.34
C	1735+46.94	45.35'	RT	787.14
D	1735+41.94	45.93'	RT	787.06
E	1735+41.95	49.82'	RT	786.94
F	1735+46.95	50.35'	RT	787.12
G	1735+51.95	50.33'	RT	787.32
H	1735+56.95	50.31'	RT	787.34

IL 72 AND GOODRICH AVE SE QUAD

POINT NO.	STATION	OFFSET	SIDE	ELEVATION
A	1735+78.23	45.20'	RT	787.57
B	1735+83.23	45.25'	RT	787.58
C	1735+88.23	45.72'	RT	787.60
D	1735+88.19	49.80'	RT	787.45
E	1735+83.19	50.25'	RT	787.53
F	1735+78.19	50.20'	RT	787.52
G	1735+77.42	50.20'	RT	787.51
YY	1735+66.84	43.25'	RT	787.75
ZZ	1735+66.94	52.25'	RT	787.81

* MATCH EXISTING ELEVATIONS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

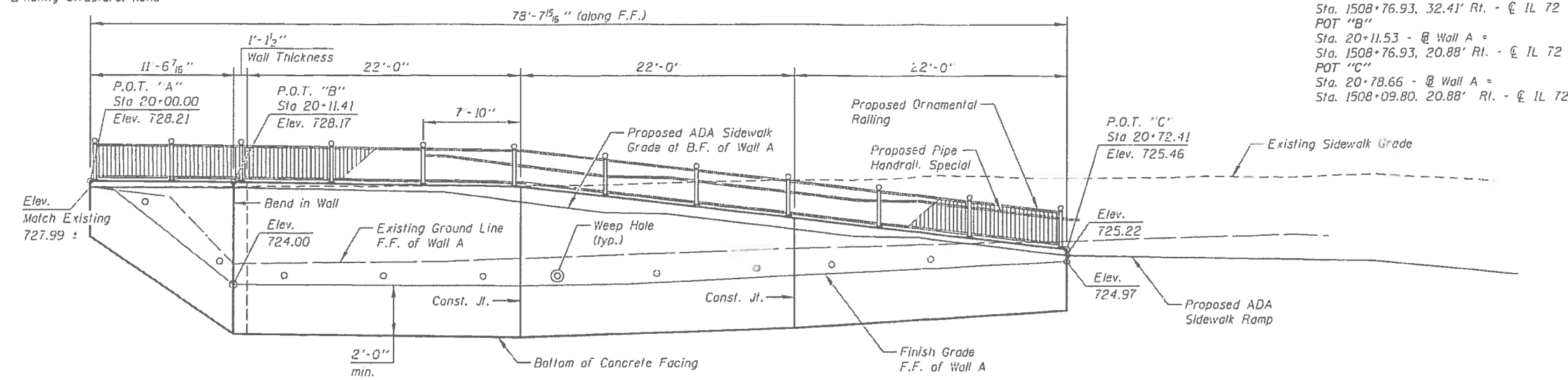
**ADA RAMP DETAILS
IL 72 /GOODRICH AVE (DAVIS JUNCTION)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	56
CONTRACT NO. 64H06				
ILLINOIS FED. AID PROJECT				

Bench Mark: Railroad spike in power pole on the southeast quadrant of Walnut Street in Stillman Valley.
 Station= 1501+35.60 - 24.74' RT
 Elevation= 714.75

Existing Structure: None



@ Wall A
 (Offsets from ϕ IL 72 to F.F. of wall)
 POT "A"
 Sta. 20+00.00 - @ Wall A =
 Sta. 1508+76.93, 32.41' Rt. - ϕ IL 72
 POT "B"
 Sta. 20+11.53 - @ Wall A =
 Sta. 1508+76.93, 20.88' Rt. - ϕ IL 72
 POT "C"
 Sta. 20+78.66 - @ Wall A =
 Sta. 1508+09.80, 20.88' Rt. - ϕ IL 72

INDEX OF DRAWINGS

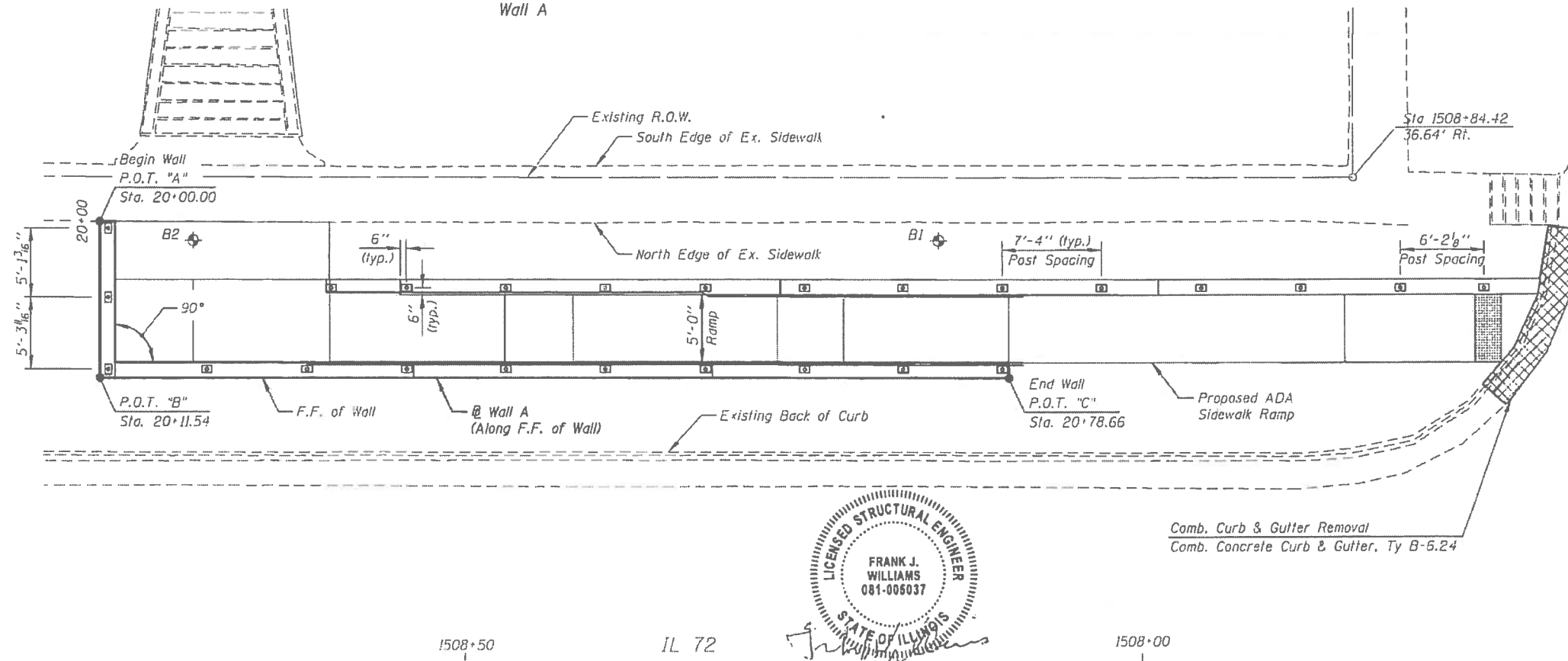
SHT NO.	TITLE
S-01	General Plan and Elevation - A
S-02	General Plan and Elevation - B
S-03	Typical Wall Section and Details
S-04	Plan and Elevation - A
S-05	Plan and Elevation - B
S-06	Wall A Sections and Details
S-07	Wall B Sections and Details
S-08	HP Pile Details
S-09	Architectural Finish & Joint Details
S-10	Bicycle Railing
S-11	Soil Boring Logs

DESIGN SPECIFICATIONS
 2014 AASHTO LRFD Bridge Design Specifications,
 Customary U.S. Units, 7th Edition

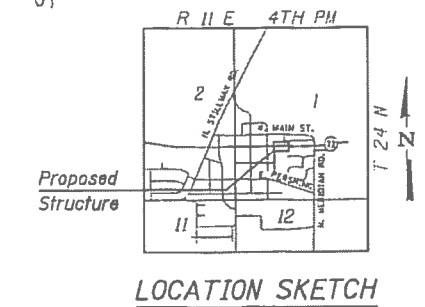
DESIGN STRESSES
FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 50,000$ psi (AASHTO M270 Gr. 50)

Legend
 Soil Borings
 F.F. Front Face
 B.F. Back Face

Notes:
 For Sidewalk Grade Elevations, See Sheet S-02
 Existing Sidewalk and Stairs Shall not be Disturbed



Spruce Street



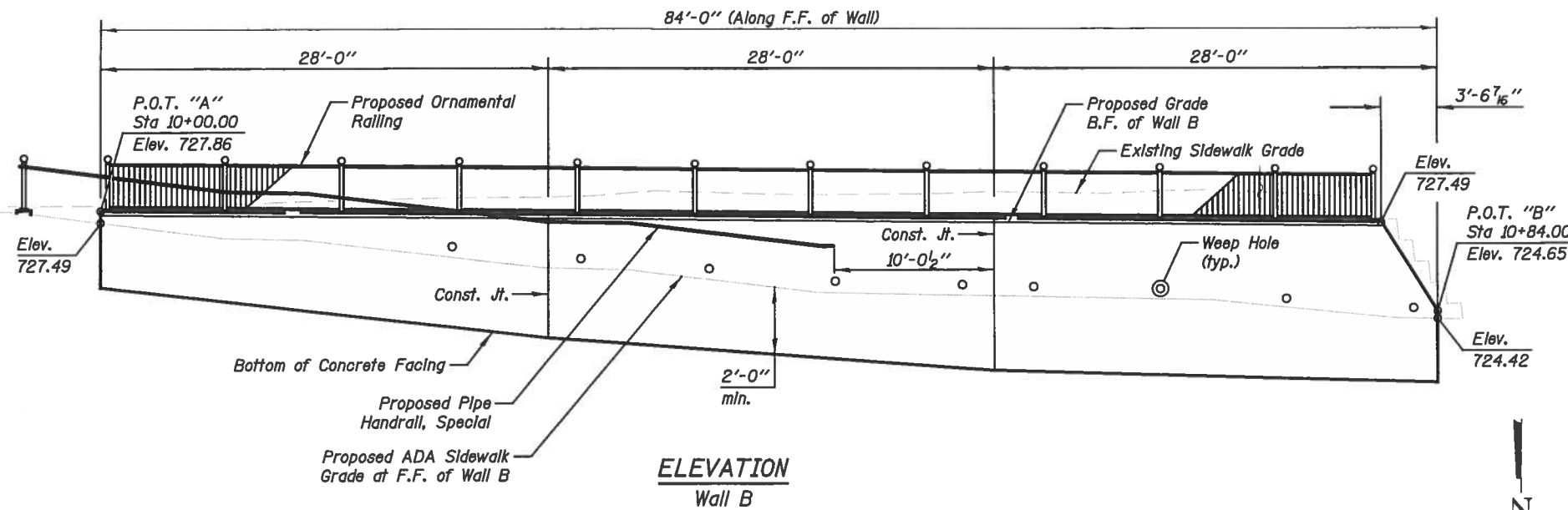
LICENSED STRUCTURAL ENGINEER
 FRANK J. WILLIAMS
 081-006037
 STATE OF ILLINOIS

Expires 11-30-2018
 Date: 3/01/2017
 for drawings
 S-01 thru S-10

GENERAL PLAN & ELEVATION
IL-72 (ROOSEVELT STREET)
F.A.P. RTE. 553 SEC. (119,120) RS-5
OGLE COUNTY
STA. 1507+70.75 TO 1508+76.93

KNIGHT Engineers & Architects	DESIGNED - FW	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION - WALL A	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - CMS	REVISED			553	(119,120) RS-5	OGLE	97	57
	DRAWN - DC	REVISED			CONTRACT NO. 64H06				
	DATE - Invalid expression	CHECKED -			ILLINOIS FED. AID PROJECT				

Wall B
 (Offsets from C.L. 72 to F.F. of wall)
 POT "A"
 Sta. 10+00.00 - Wall B =
 Sta. 1508+54.75, 27' Rt. - C.L. 72
 POT "B"
 Sta. 10+84.00 - Wall B =
 Sta. 1507+70+75, 27' Rt. - C.L. 72



DESIGN SPECIFICATIONS
 2014 AASHTO LRFD Bridge Design Specifications,
 Customary U.S. Units, 7th Edition

DESIGN STRESSES

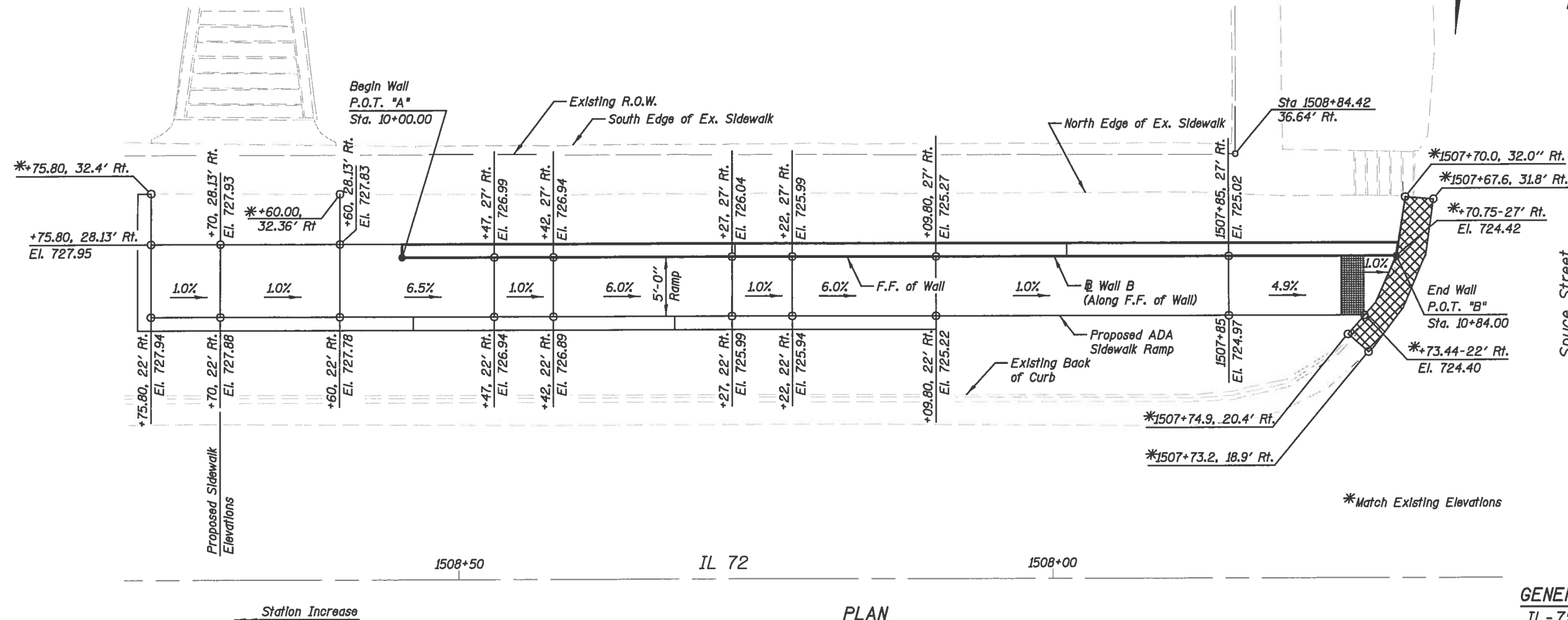
FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 50,000$ psi (AASHTO M270 Gr. 50)

Legend

⊕ Soil Borings
 F.F. Front Face
 B.F. Back Face
 E.F. Each Face

Notes:

For Soil Boring Locations, See Sheet S-01
 Existing Sidewalk and Stairs Shall not be Disturbed



PLAN
 Wall B

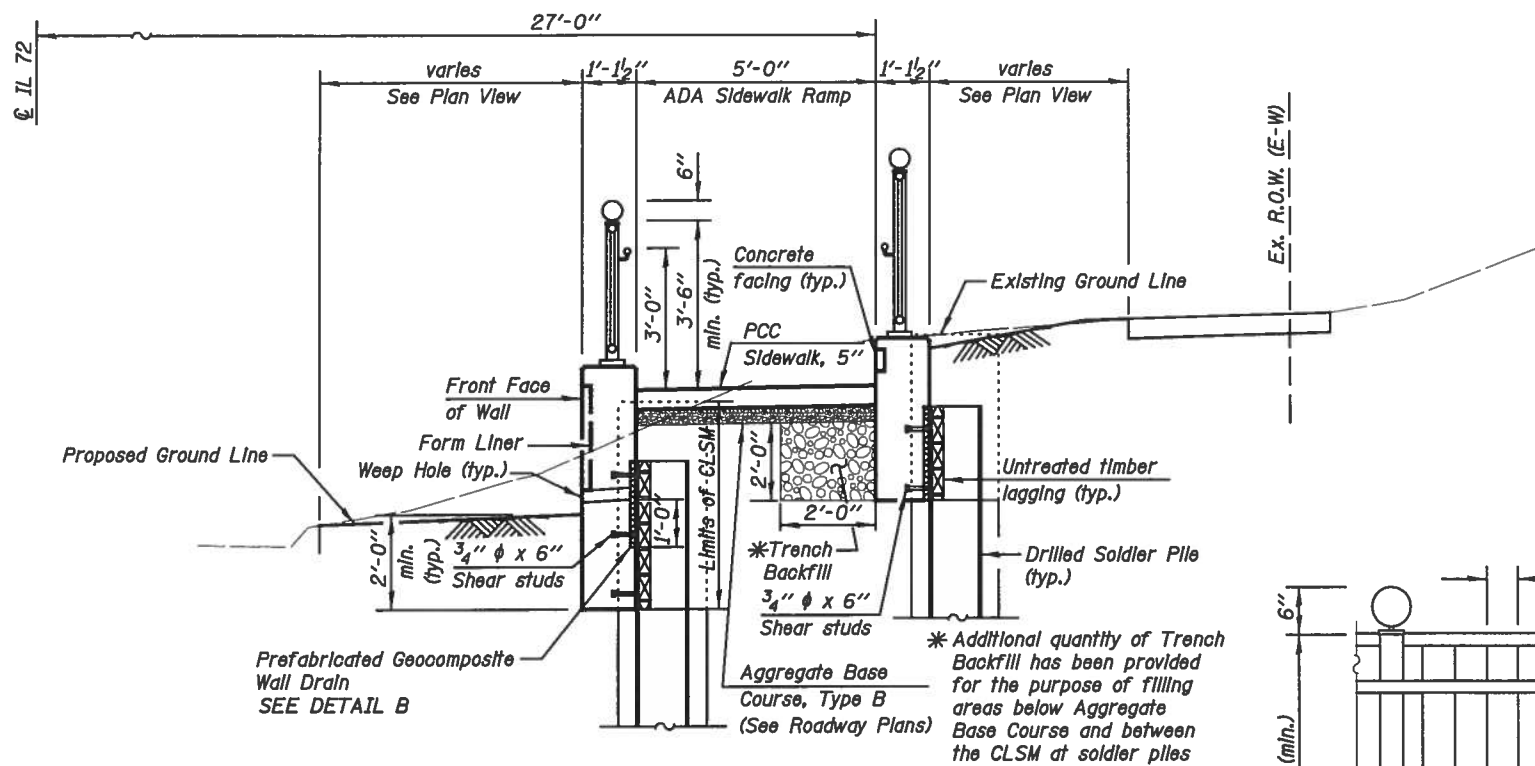
LOCATION SKETCH

GENERAL PLAN & ELEVATION
 IL-72 (ROOSEVELT STREET)
 F.A.P. RTE. 553 SEC. (119,120) RS-5
 OGLE COUNTY
 STA. 1507+70.75 TO 1508+76.93

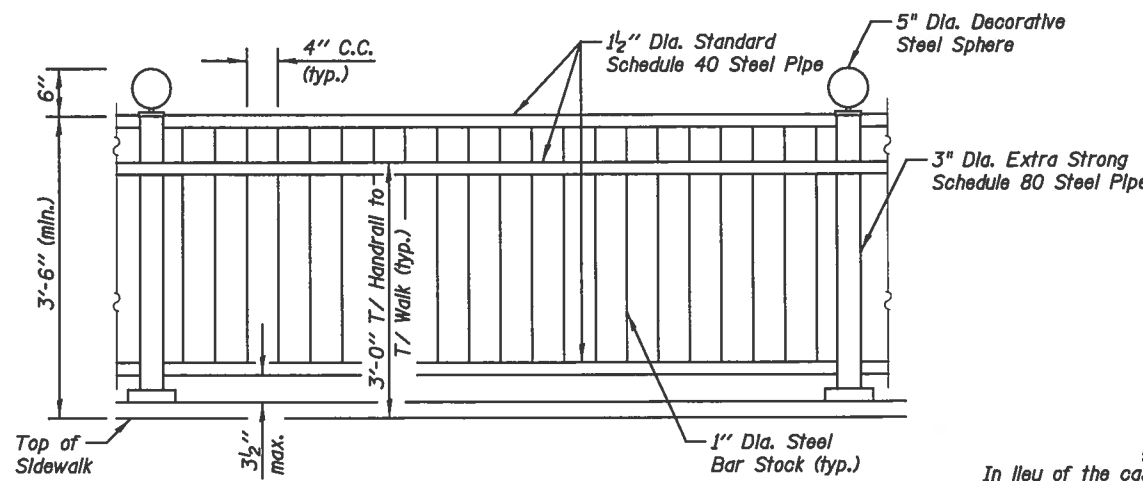
KNIGHT Engineers & Architects	DESIGNED - FW	REVIS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION - WALL B	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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SCALE - NONE	DRAWN - DC	REVIS	DRAWING NO. S-02 OF 10 DRAWINGS	CONTRACT NO. 64H06	ILLINOIS FED. AID PROJECT				
DATE - 3/24/2016	CHECKED -	REVIS							

TOTAL BILL OF MATERIAL

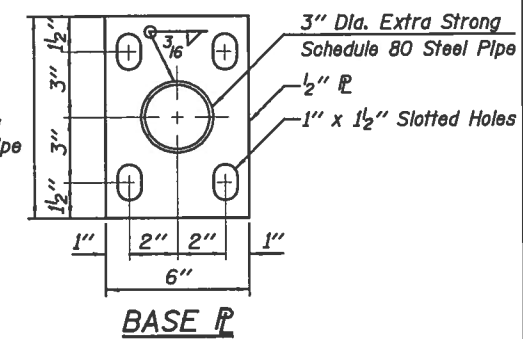
ITEM	UNIT	TOTAL
Trench Backfill	Cu. Yd.	15
Structure Excavation	Cu. Yd.	59
Concrete Structures	Cu. Yd.	28.0
Form Liner Textured Surface	Sq. Ft.	148
Stud Shear Connectors	Each	130
Reinforcement Bars, Epoxy Coated	Pound	2940
Protective Coat	Sq. Yd.	38
Geocomposite Wall Drain	Sq. Yd.	19
Untreated Timber Lagging	Sq. Ft.	149
Furnishing Soldier Piles (HP Section)	Foot	270
Drilling And Setting Soldier Piles (In Soil)	Cu. Ft.	904
Ornamental Railing	Foot	160
Pipe Handrail, Special	Foot	107



TYPICAL WALL SECTION
(Looking East)

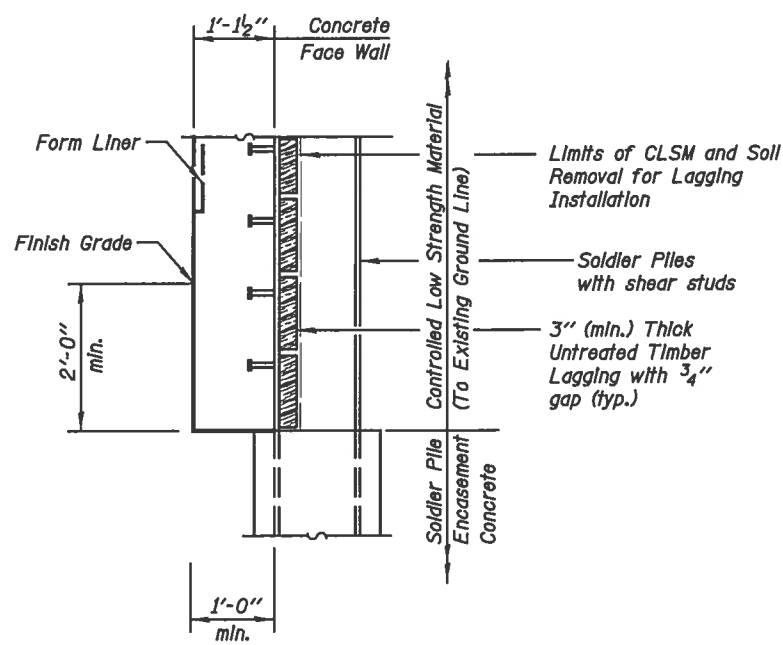


ORNAMENTAL RAILING & PIPE HANDRAIL, SPECIAL

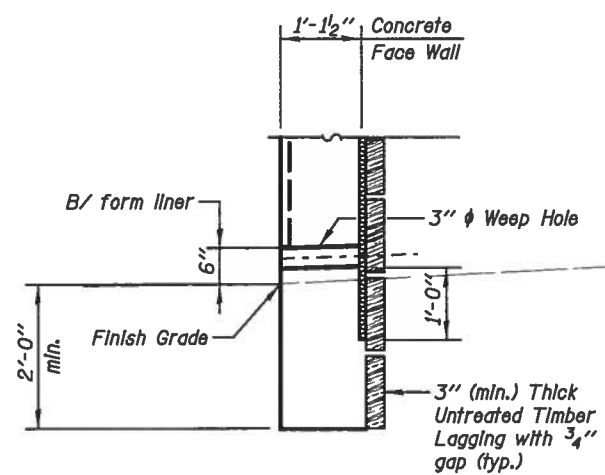


ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" φ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

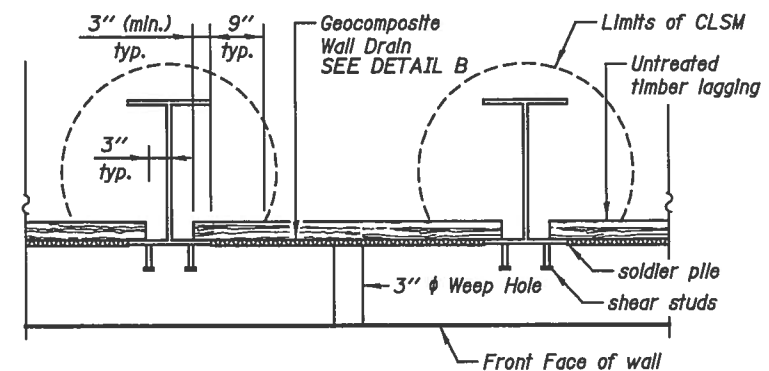


DETAIL A
(At Soldier Piles)



DETAIL B
(Between Soldier Piles)

WEEP HOLE DETAIL



BEHIND WALL WEEP HOLE/WALL DRAIN DETAILS

GENERAL NOTES

All structural steel shall conform to the requirements of AASHTO M 270 Grade 50 except as noted on plans.

The Contractor is responsible for the design and performance of the timber lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.

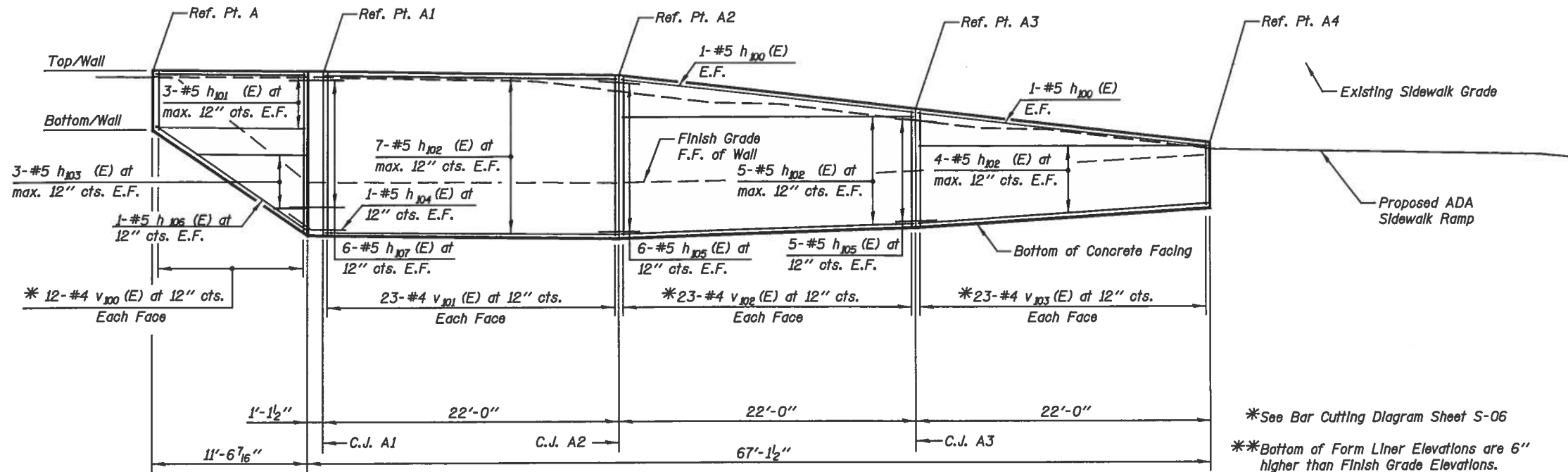
Protective Coat shall be applied to exposed surfaces of the front face, top face and back face of wall.

Existing sidewalk and stairs shall not be disturbed.

Note:
For Top/Wall Elevations, Bottom/Wall Elevations & Wall Height See Table This Sheet.

PILE DATA - WALL A

Pile No.	Top Elev.	Bottom Elev.	Length Ft.	No of Studs
PA-1	726.54	715.54	11.00	4
PA-2	726.51	713.51	13.00	6
PA-3	726.46	712.46	14.00	8
PA-4	726.41	712.41	14.00	8
PA-5	726.36	712.36	14.00	8
PA-6	726.07	712.07	14.00	8
PA-7	725.64	712.64	13.00	8
PA-8	725.21	713.21	12.00	6
PA-9	724.77	712.77	12.00	6
PA-10	724.34	713.34	11.00	4
PA-11	724.34	713.34	11.00	4



DEVELOPED ELEVATION
Wall A Looking South

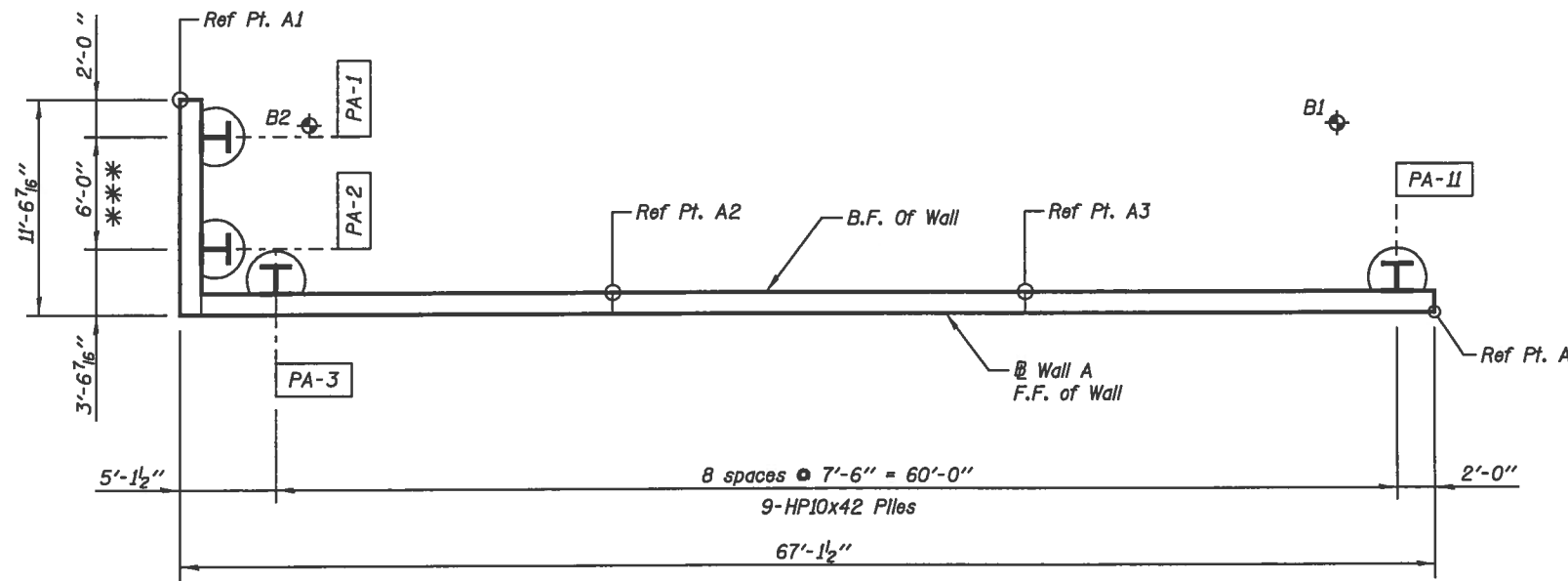
SHAFT SIZE

Pile Size	Shaft Excavation Size
HP10	2'-0"

*See Bar Cutting Diagram Sheet S-06
**Bottom of Form Liner Elevations are 6" higher than Finish Grade Elevations.

Notes

All Dimensions are along Front Face of Wall.
For Typical Sections & Bill of Material, See Sheet S-03



*** 2-HP10x42 Piles

PLAN
Wall A

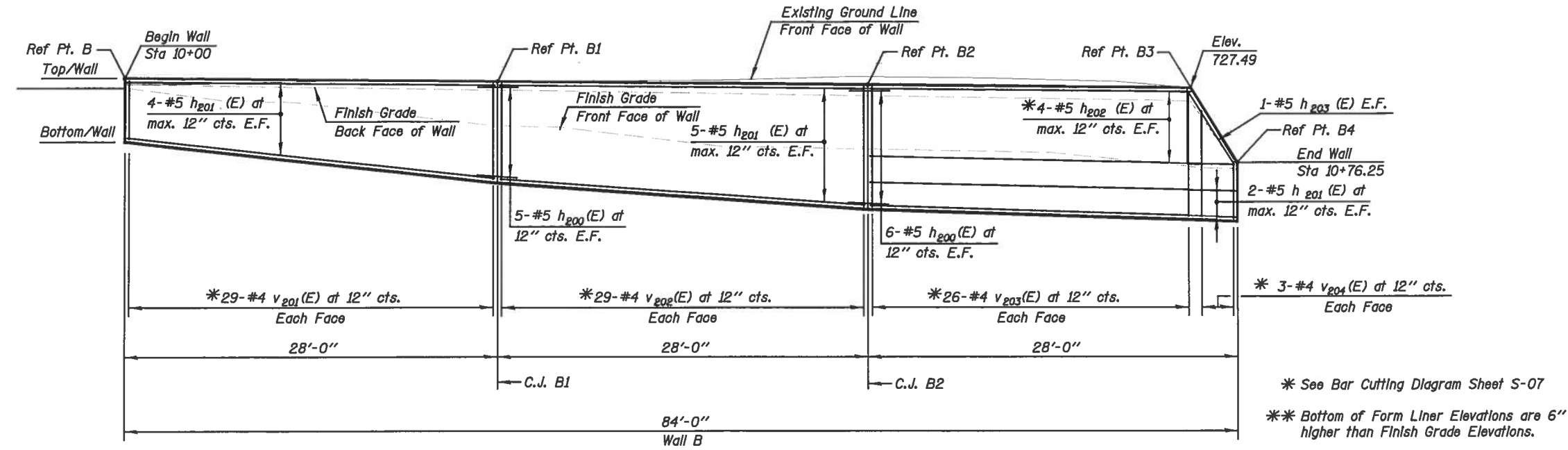
Legend

- ⊕ Soil Borings
- F.F. Front Face
- B.F. Back Face
- E.F. Each Face
- C.J. Construction Joint

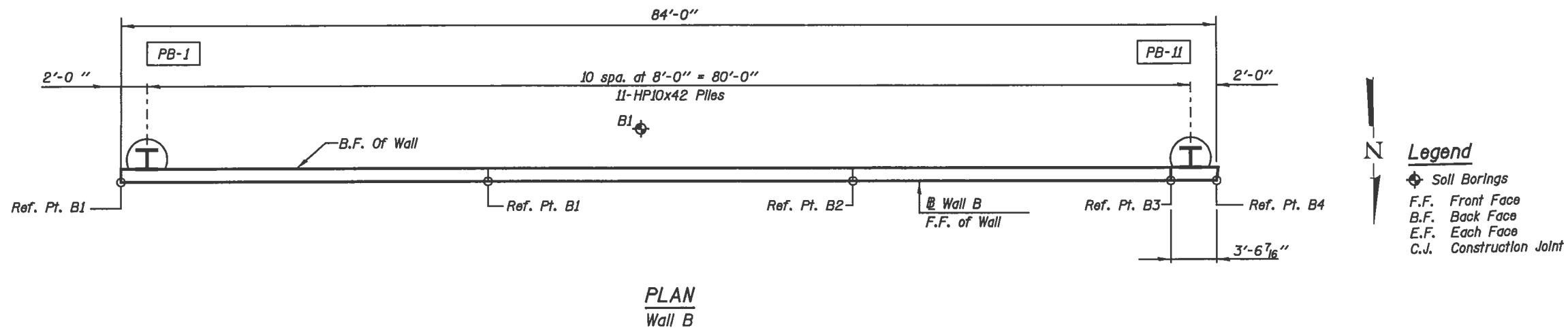
WALL JOINT LOCATIONS, HEIGHTS & ELEVATIONS

Location Ref. Points	Station on W0909	Wall Height	Top/Wall Elevation	Bottom/Wall Elevation	Finish Grade Elev.	Bottom/Liner Elev. **
Begin Wall - A	20+00.00	2'-3"	728.21	725.96	727.99	N/A
C.J. - A1	20+12.66	6'-2"	728.16	722.00	724.00	724.51
C.J. - A2	20+34.66	6'-1 1/2"	728.00	721.87	723.96	724.46
C.J. - A3	20+56.66	4'-5 5/8"	726.73	722.26	724.39	724.89
End Wall - A4	20+78.66	2'-5 5/8"	725.46	722.97	724.97	N/A

Note:
For Top/Wall Elevations, Bottom/Wall Elevations & Wall Height See Table This Sheet.



ELEVATION
Wall B Looking South



PLAN
Wall B

PILE DATA - WALL B

Pile No.	Top Elev.	Bottom Elev.	Length Ft.	No of Studs
PB-1	726.18	716.18	10.00	4
PB-2	726.15	715.15	11.00	4
PB-3	726.11	715.11	11.00	4
PB-4	726.07	714.07	12.00	6
PB-5	726.04	714.04	12.00	6
PB-6	726.00	714.00	12.00	6
PB-7	725.96	713.96	12.00	6
PB-8	725.92	712.92	13.00	6
PB-9	725.89	712.89	13.00	6
PB-10	725.85	712.85	13.00	6
PB-11	724.59	712.59	12.00	6

SHAFT SIZE

Pile Size	Shaft Excavation Size
HP10	2'-0"

Notes

All Dimensions are along Front Face of Wall.
For Typical Sections & Bill of Material, SEE Sheet S-03

Legend

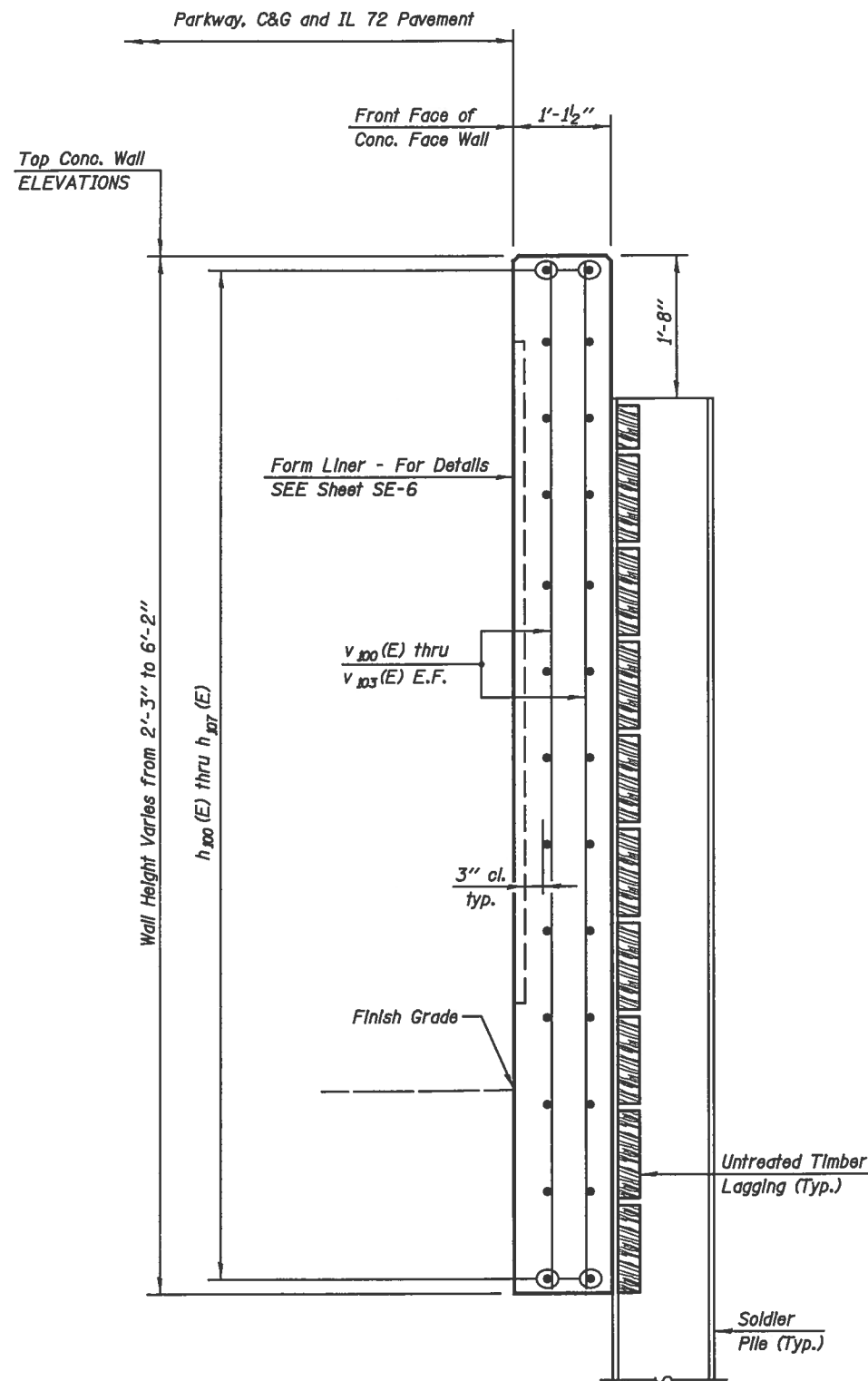
- ◆ Soil Borings
- F.F. Front Face
- B.F. Back Face
- E.F. Each Face
- C.J. Construction Joint

WALL JOINT LOCATIONS, HEIGHTS & ELEVATIONS

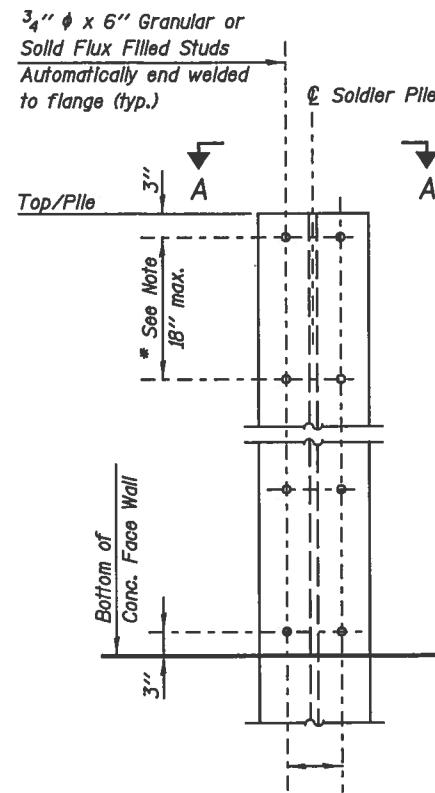
Location Ref. Points	Station on @ W0909	Wall Height	Top/Wall Elevation	Bottom/Wall Elevation	Finish Grade Elev.	Bottom/Liner Elev.***
Begin Wall - B	10+00.00	2'-5 1/2"	727.86	725.43	727.49	N/A
C.J. - B1	10+28.00	3'-10 3/8"	727.73	723.86	726.04	726.62
C.J. - B2	10+56.00	4'-9"	727.60	722.85	724.94	725.76
Ref. Pt. B3	10+80.46	5'-0 3/8"	727.49	722.46	724.46	725.00
End Wall - B4	10+84.00	2'-3"	724.65	722.40	724.42	N/A

BILL OF MATERIAL - WALL A

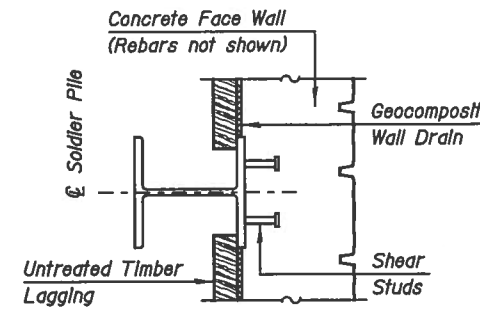
BAR	NO.	SIZE	LENGTH	SHAPE
h100(E)	4	#5	21'-9"	—
h101(E)	6	#5	11'-3"	—
h102(E)	32	#5	21'-8"	—
h103(E)	3	#5	10'-6"	—
h104(E)	2	#5	4'-0"	L
h105(E)	22	#5	3'-0"	—
h106(E)	2	#5	13'-6"	—
h107(E)	12	#5	4'-0"	L
v100(E)	12	#4	7'-9"	—
v101(E)	46	#4	5'-10"	—
v102(E)	23	#4	9'-11"	—
v103(E)	23	#4	6'-4"	—
Trench Backfill		Cu. Yd.	4	
Structure Excavation		Cu. Yd.	21	
Concrete Structures		Cu. Yd.	14.0	
Form Liner Textured Surface		Sq. Ft.	71	
Stud Shear Connectors		Each	70	
Reinforcement Bars, Epoxy Coated		Pound	1570	
Protective Coat		Sq. Yd.	22	
Geocomposite Wall Drain		Sq. Yd.	14	
Untreated Timber Lagging		Sq. Ft.	120	
Furnishing Soldier Piles (HP10x42)		Foot	139	
Drilling and Setting Soldier Piles (In Soil)		Cu. Ft.	432	
Ornamental Railing		Foot	79	
Pipe Handrail, Special		Foot	55	



TYPICAL WALL SECTION

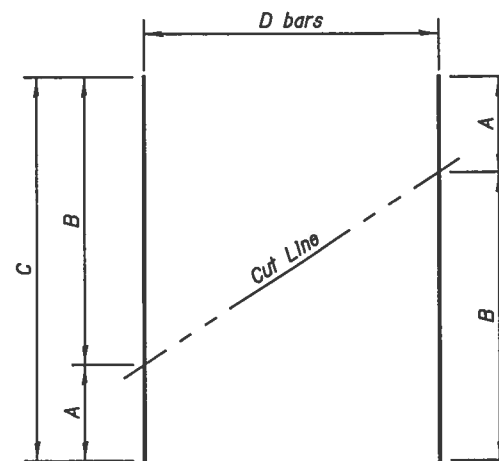


STUD SHEAR CONNECTORS LAYOUT



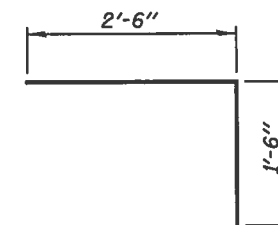
SECTION A-A - PLAN

* Shear studs shall be spaced evenly between what remains after providing 3" clear from the top of pile and bottom of concrete facing.



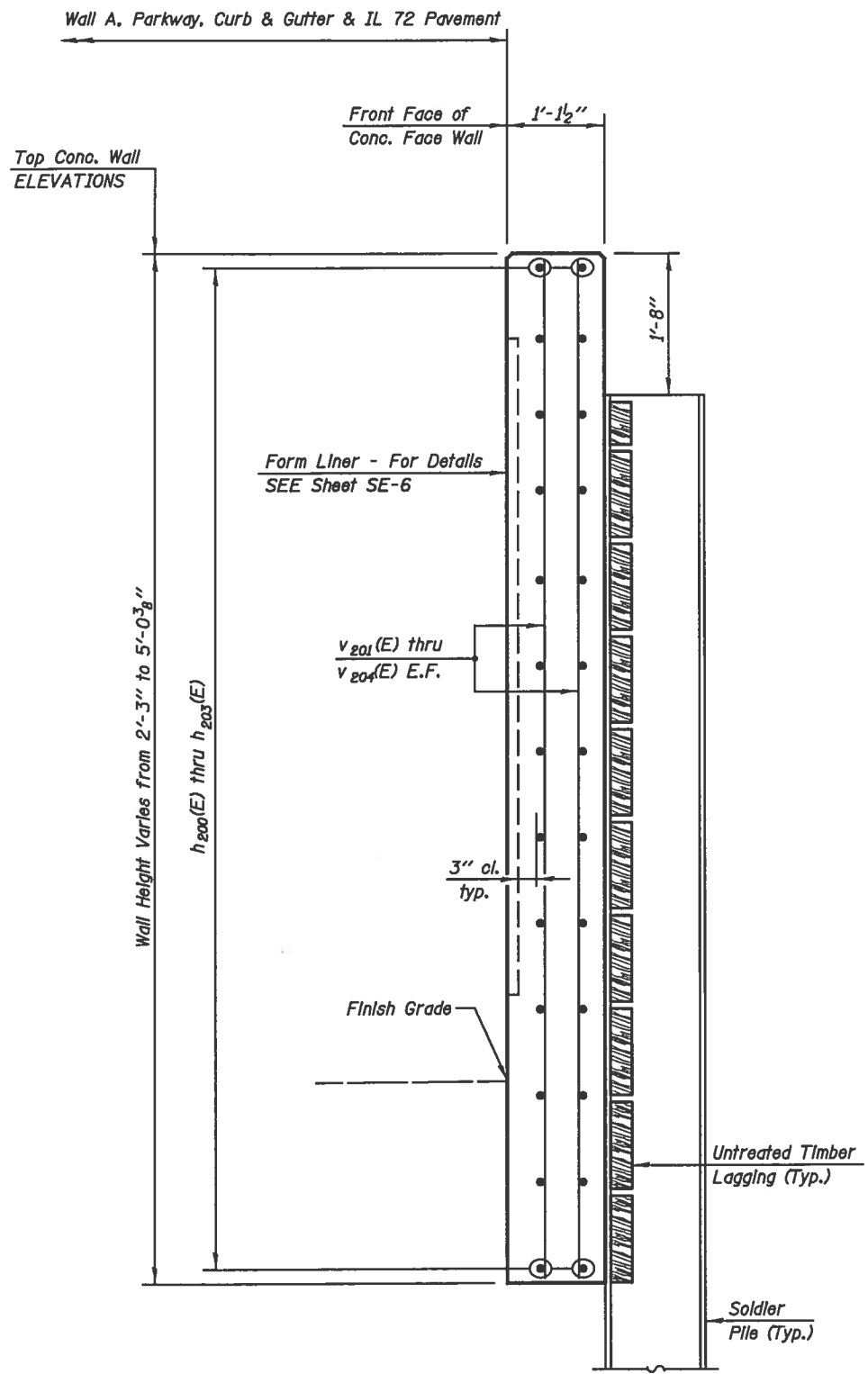
BAR CUTTING DIAGRAM
Order bars full length. Cut as shown and use remainder of bars in opposite face.

BAR	A	B	C	D
v100(E)	1'-11"	5'-10"	7'-9"	12
v102(E)	5'-10"	4'-1"	9'-11"	23
v103(E)	4'-2"	2'-2"	6'-4"	23
h103(E)	8'-2"	2'-4"	10'-6"	3

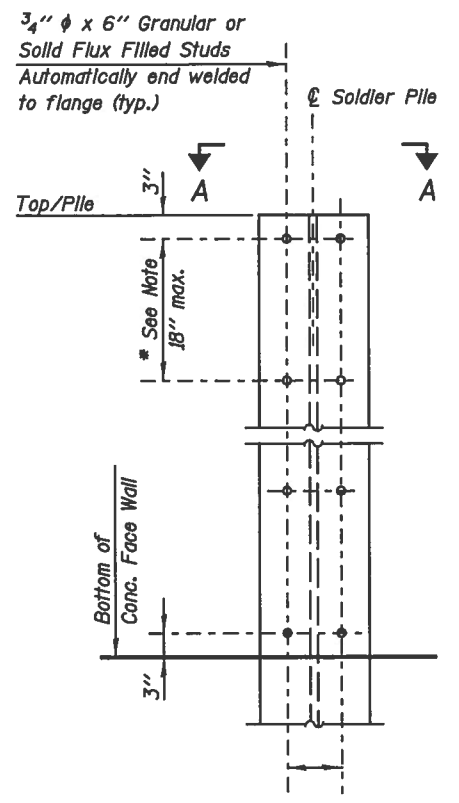


BARS h₁₀₄(E) and h₁₀₇(E)

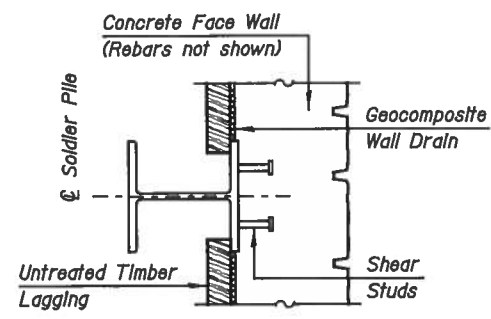
LEGEND:
E.F. Each Face



TYPICAL WALL SECTION

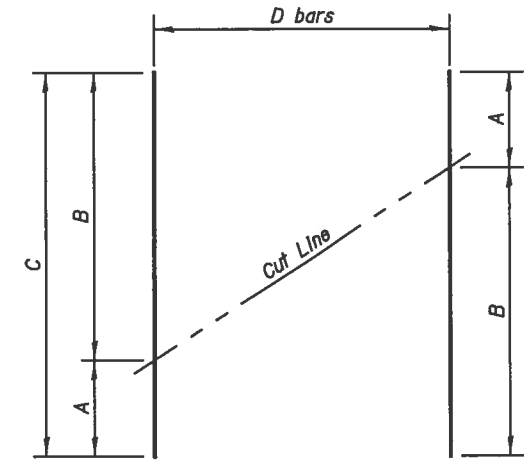


STUD SHEAR CONNECTORS LAYOUT



SECTION A-A - PLAN

* Shear studs shall be spaced evenly between what remains after providing 3" clear from the top of pile and bottom of concrete facing.



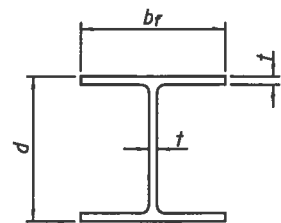
BAR CUTTING DIAGRAM
Order bars full length. Cut as shown and use remainder of bars in opposite face.

BAR	A	B	C	D
v201(E)	2'-2"	3'-6"	5'-8"	29
v202(E)	3'-6"	4'-6"	8'-0"	29
v203(E)	4'-5"	4'-8"	9'-1"	26
v204(E)	4'-0"	2'-1"	6'-1"	3
h202(E)	24'-4"	27'-7"	51'-11"	4

BILL OF MATERIAL - WALL B

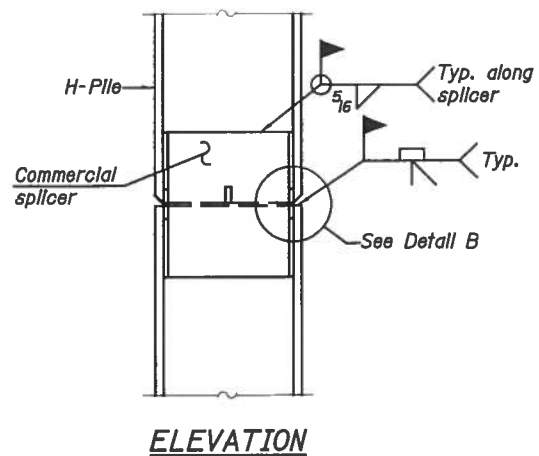
BAR	NO.	SIZE	LENGTH	SHAPE
h200(E)	22	#5	3'-0"	—
h201(E)	22	#5	27'-8"	—
h202(E)	4	#5	51'-11"	—
h203(E)	2	#5	4'-6"	—
v201(E)	29	#4	5'-8"	—
v202(E)	29	#4	8'-0"	—
v203(E)	26	#4	9'-1"	—
v204(E)	3	#4	6'-1"	—
Trench Backfill				
			Cu. Yd.	11
Structure Excavation				
			Cu. Yd.	38
Concrete Structures				
			Cu. Yd.	14.0
Form Liner Textured Surface				
			Sq. Ft.	37
Stud Shear Connectors				
			Each	60
Reinforcement Bars, Epoxy Coated				
			Pound	1370
Protective Coat				
			Sq. Yd.	16
Geocomposite Wall Drain				
			Sq. Yd.	5
Untreated Timber Lagging				
			Sq. Ft.	29
Furnishing Soldier Piles (HP10x42)				
			Foot	131
Drilling and Setting Soldier Piles (In Soil)				
			Cu. Ft.	472
Ornamental Railing				
			Foot	81
Pipe Handrail, Special				
			Foot	52

LEGEND:
E.F. Each Face

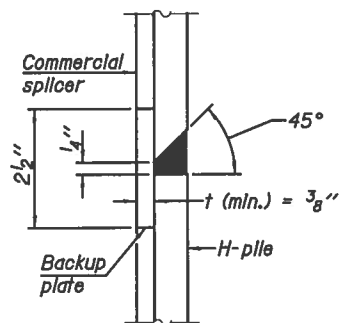


STEEL PILE TABLE

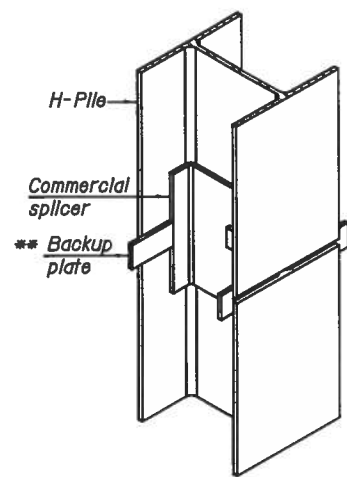
Designation	Depth d	Flange width br	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 5/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

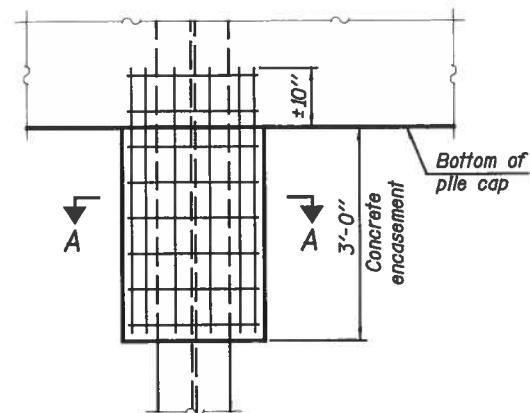


DETAIL "B"



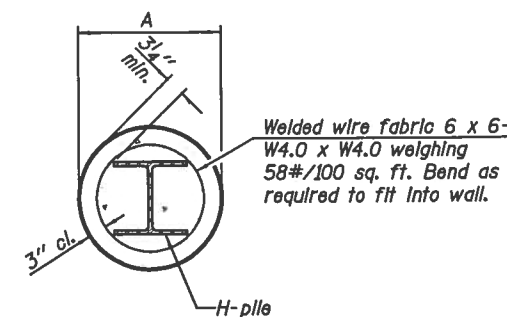
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



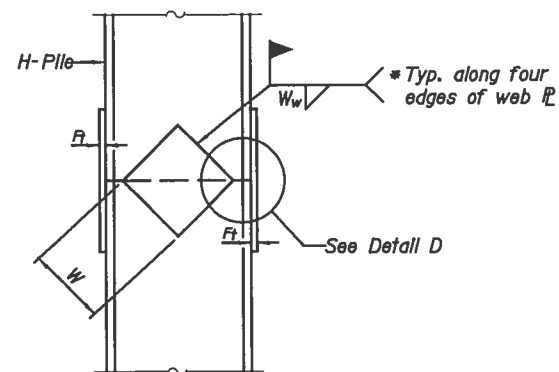
ELEVATION

PILE ENCASEMENT

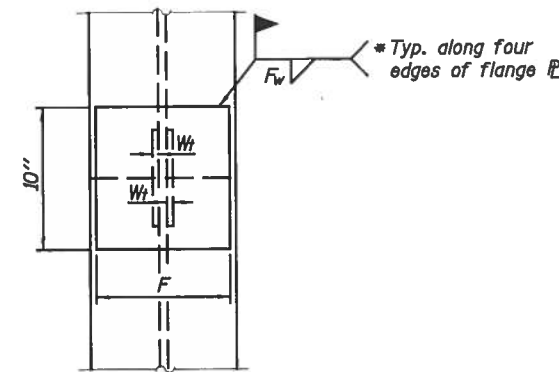


SECTION A-A

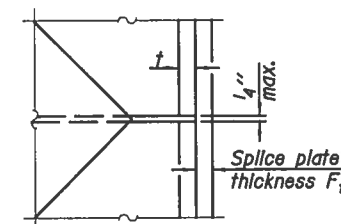
Note: Forms for encasement may be omitted when soil conditions permit.



ELEVATION



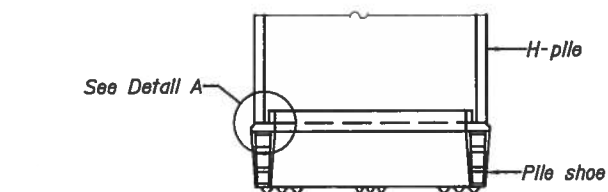
END VIEW



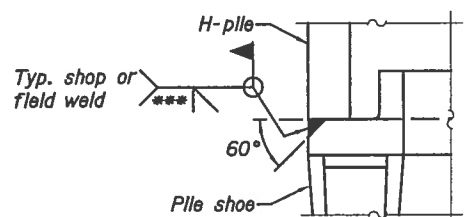
DETAIL D

Designation	F	F _t	F _w	W	W _t	W _w
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5 1/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5 1/8"	1/2"
x89	12 1/2"	3/4"	1/2"	7 3/4"	5 1/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5 1/8"	1/2"
HP 12x84	10"	7/8"	1/2"	6 1/2"	5 1/8"	1/2"
x74	10"	7/8"	1/2"	6 1/2"	5 1/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

WELDED PLATE FIELD SPLICE

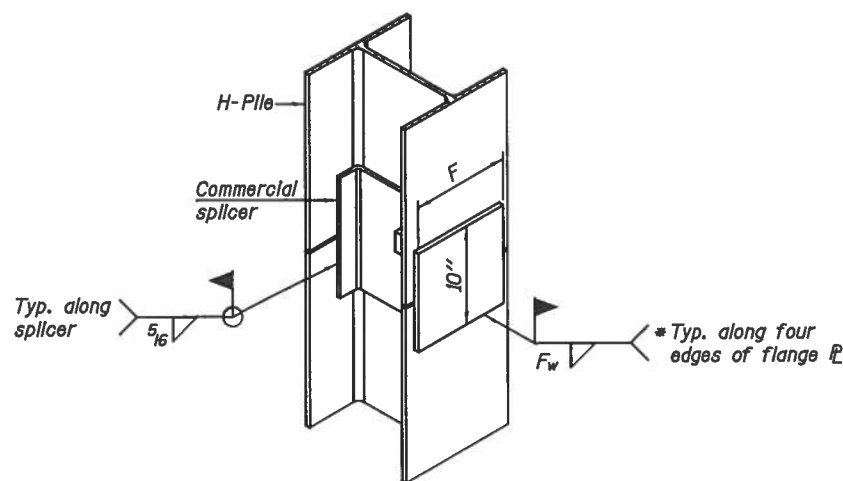


ELEVATION



DETAIL A

H-PILE SHOE ATTACHMENT



ISOMETRIC VIEW

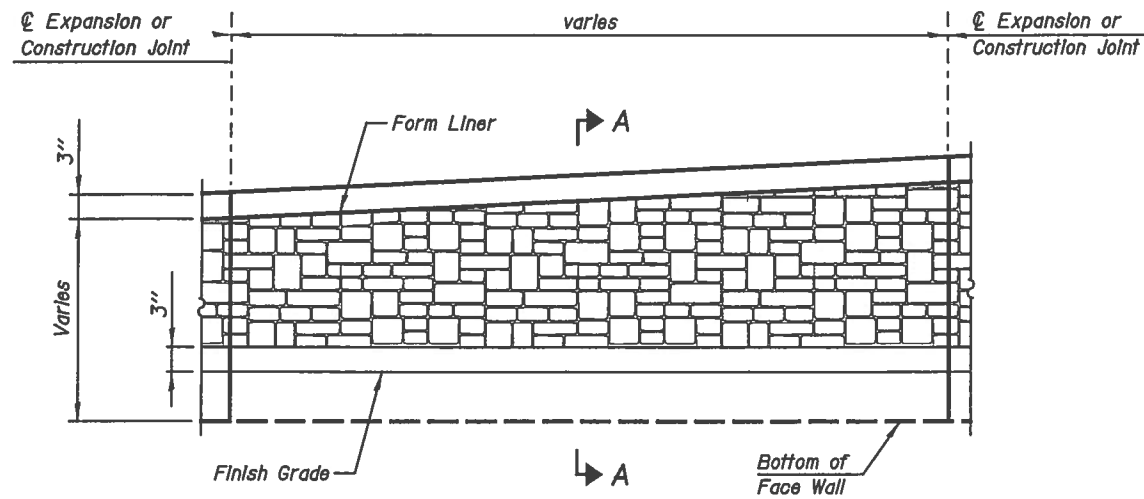
WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

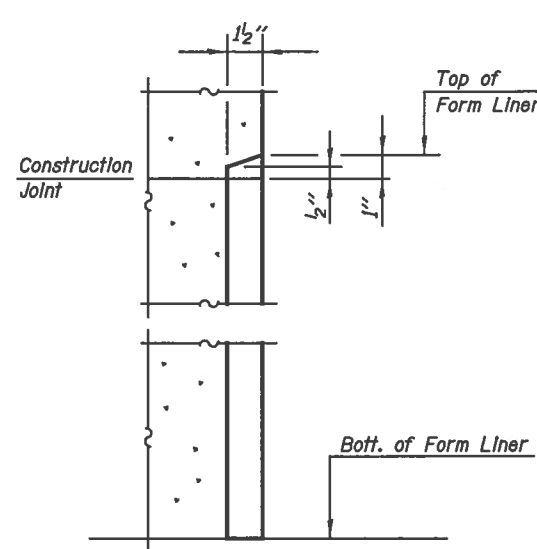
Note: The steel H-piles shall be according to AASHTO M270 Grade 50.

F-HP 1-27-12

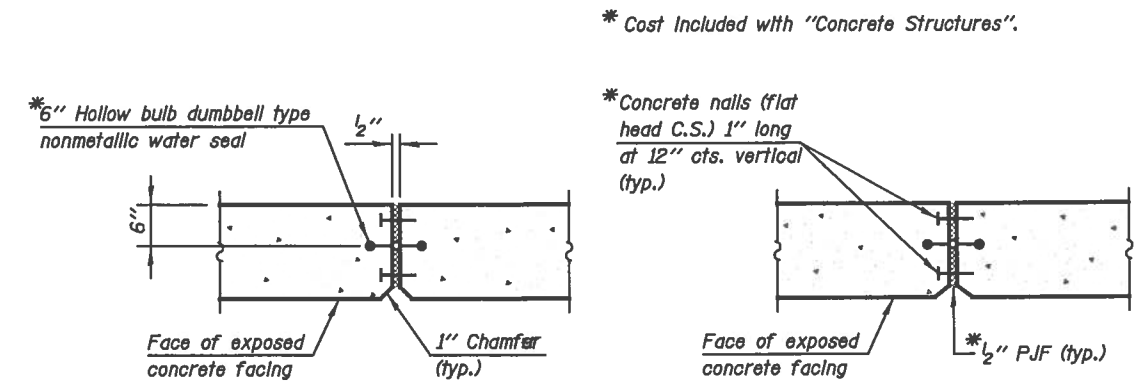
KNIGHT Engineers & Architects	DESIGNED - FW	REVISOR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HP PILE DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - CMS	REVISOR			553	(119,120) RS-5	OGLE	97	64
SCALE - NONE	DRAWN - DC	REVISOR	DRAWING NO. S-08 OF 10 DRAWINGS		CONTRACT NO. 64H06				
DATE - 3/24/2016	CHECKED -	REVISOR			ILLINOIS FED. AID PROJECT				



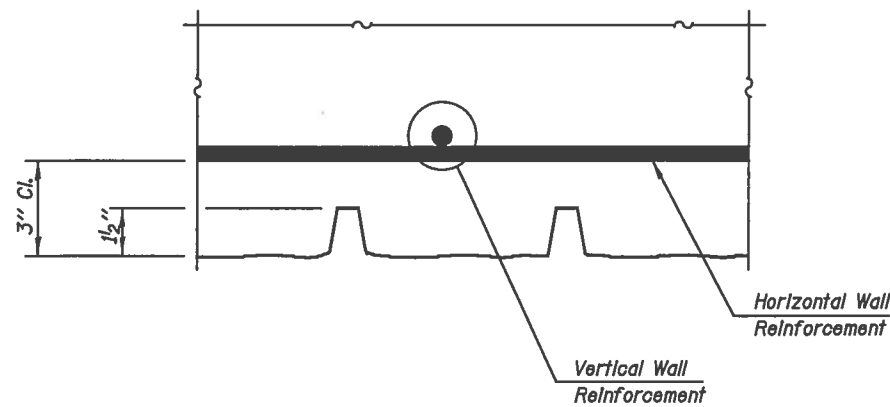
ELEVATION - FORM LINER



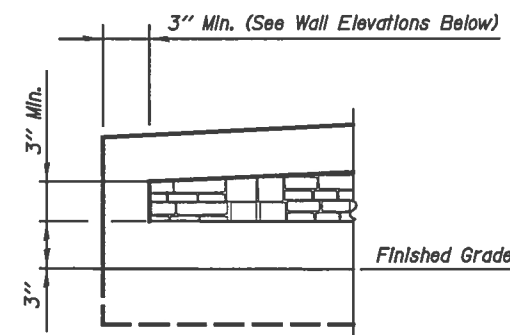
SECTION A-A



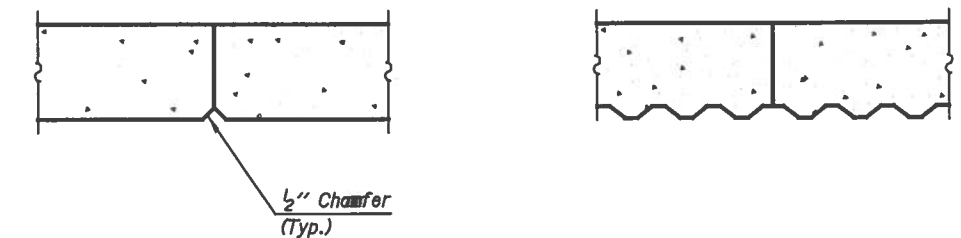
WALL EXPANSION JOINT DETAIL



PLAN - FORM LINER

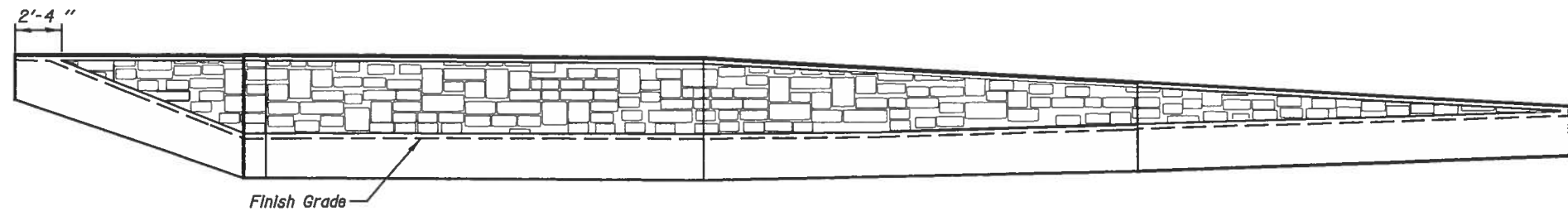


END FORM LINER DETAIL

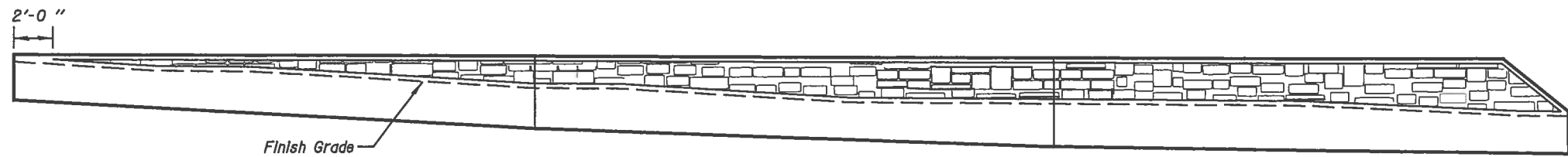


WALL CONSTRUCTION JOINT DETAIL

Note:
Form Liner Textured Surface is to simulate limestone matching the Stillman Valley Monument. The contractor is required to submit samples for approval prior to incorporating into work.
See Special Provision for "Architectural Finish For Retaining Walls".



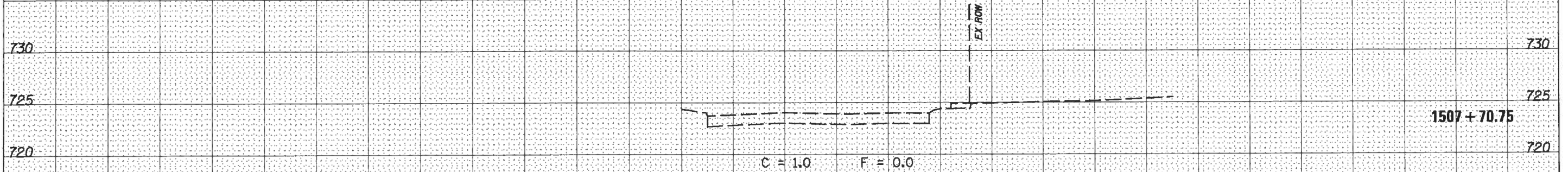
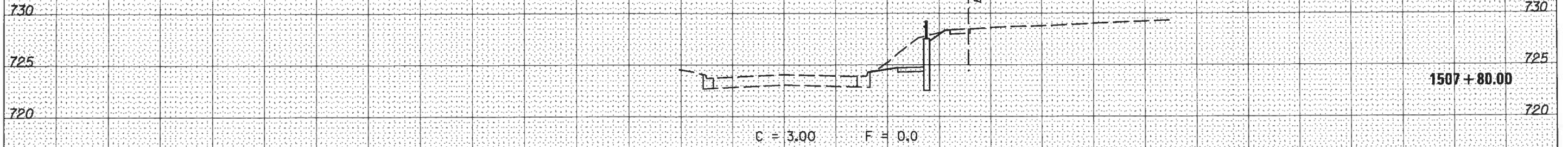
SOUTH ELEVATION WALL A - ARCHITECTURAL FINISH LIMITS



SOUTH ELEVATION WALL B - ARCHITECTURAL FINISH LIMITS

KNIGHT Engineers & Architects	DESIGNED - FW	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL FINISH AND JOINT DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - CMS	REVISED			553	(119,120) RS-5	OGLE	97	65
	SCALE - NONE	REVISED			CONTRACT NO. 64H06				
	DATE - 3/24/2016	REVISED			ILLINOIS FED. AID PROJECT				
	DRAWN - DC	REVISED		DRAWING NO. S-09 OF 10 DRAWINGS					
	CHECKED -	REVISED							

Notes:
 The quantity for Fill (F) was calculated using the area below the proposed sidewalk ramp and above the grade shown. It shall be paid for as "Trench Backfill".



EARTHWORK BEGINS STA 1507+70
 C = 1.0 F = 0.0

KNIGHT
 Engineers & Architects

DESIGNED - FW
 CHECKED -
 SCALE - NONE
 DATE - 3/24/2016

REVISOR
 REVISOR
 REVISOR
 REVISOR

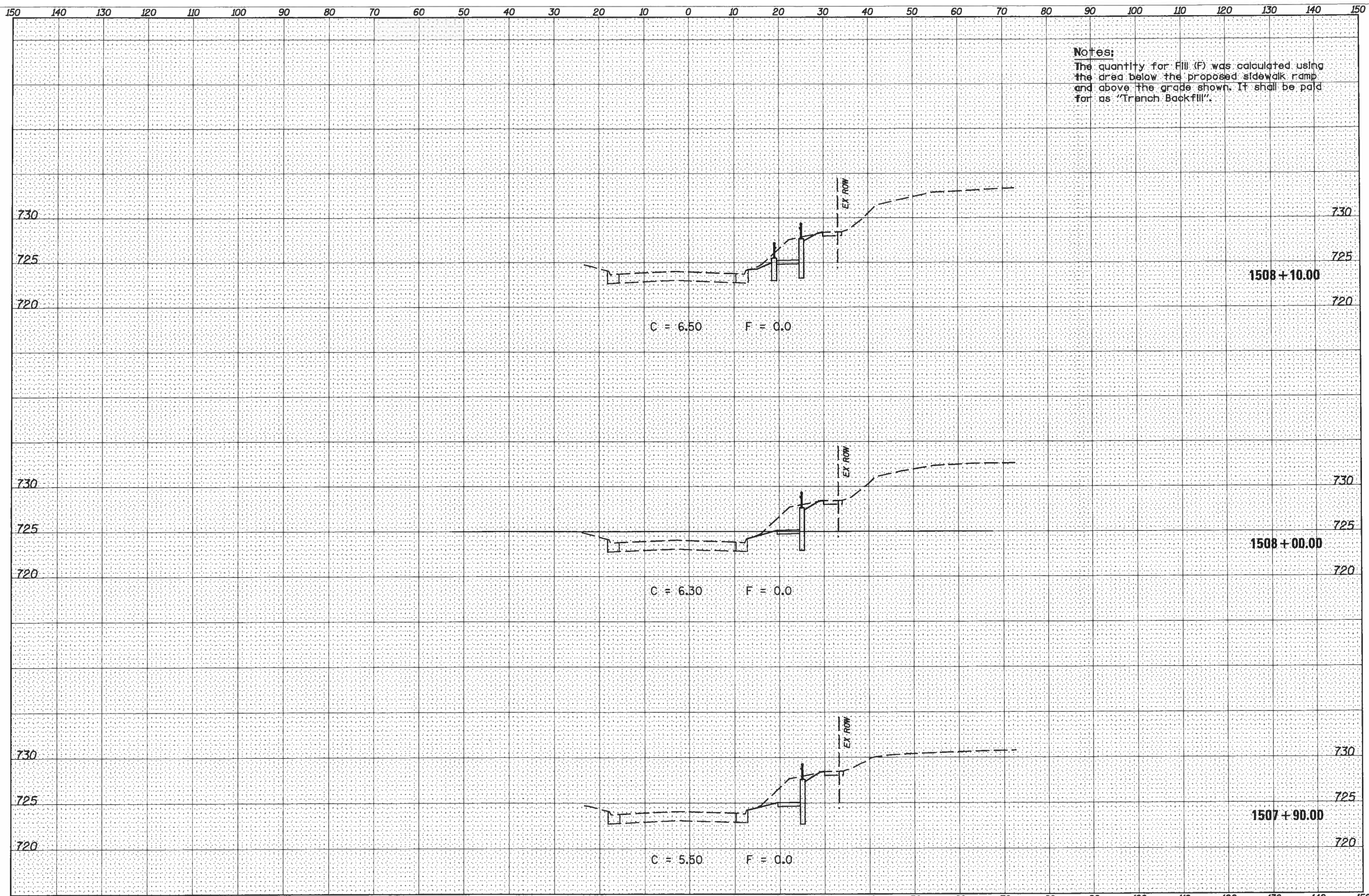
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72/SPRUCE ST
 CROSS SECTIONS

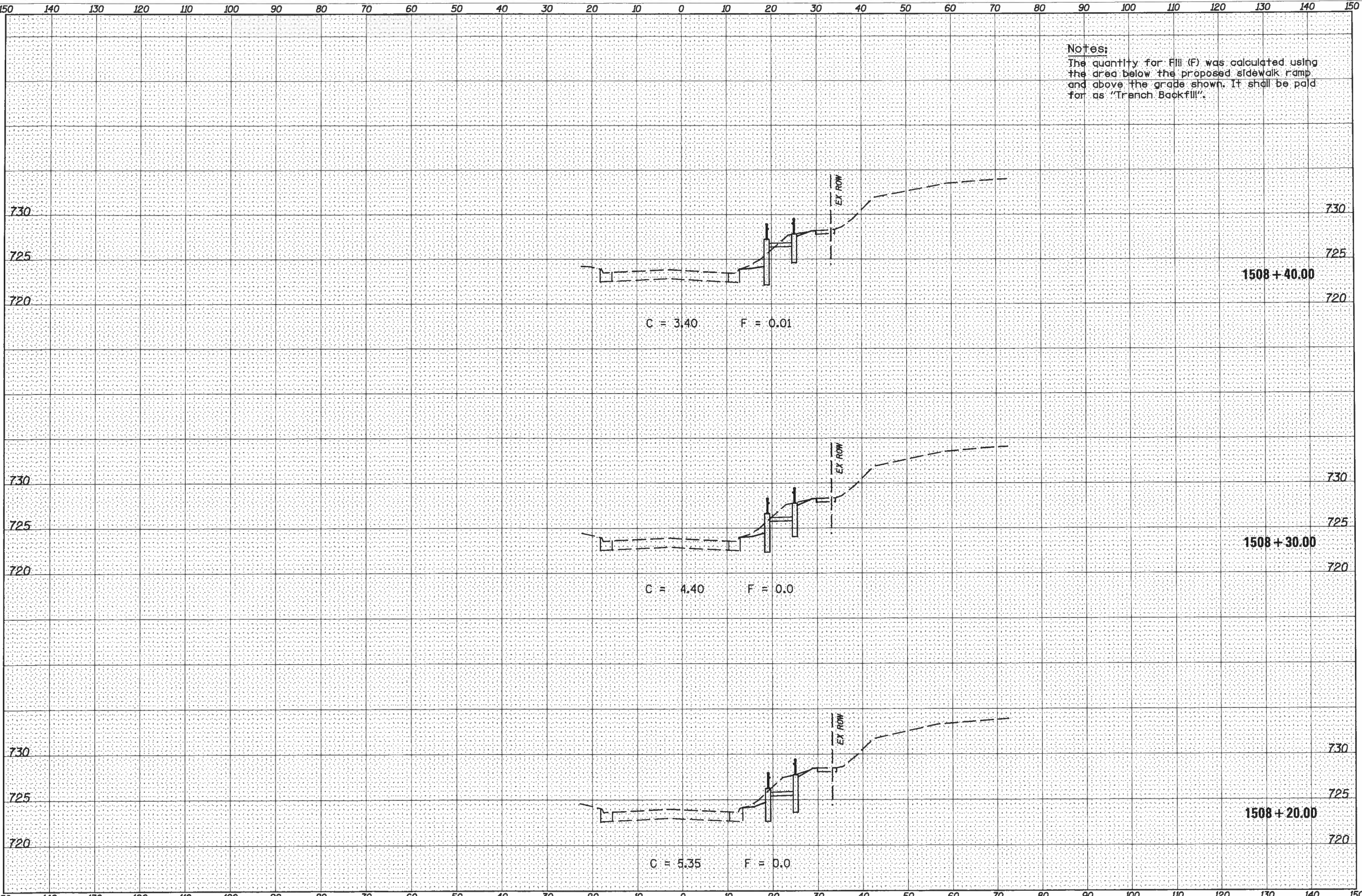
DRAWING NO. 1 OF 5 DRAWINGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119,120) RS-5	OGLE	97	67
				CONTRACT NO. 64H06
ILLINOIS FED. AID PROJECT				

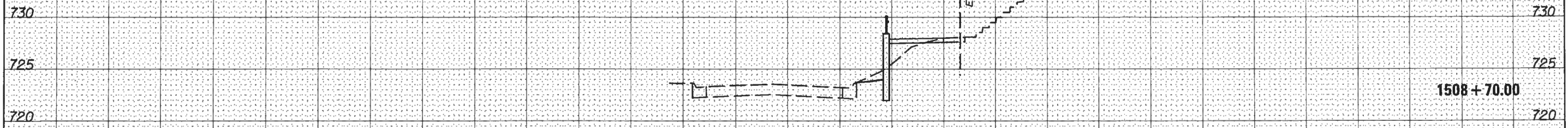
Notes:
 The quantity for Fill (F) was calculated using the area below the proposed sidewalk ramp and above the grade shown. It shall be paid for as "Trench Backfill".



Notes:
 The quantity for Fill (F) was calculated using the area below the proposed sidewalk ramp and above the grade shown. It shall be paid for as "Trench Backfill".

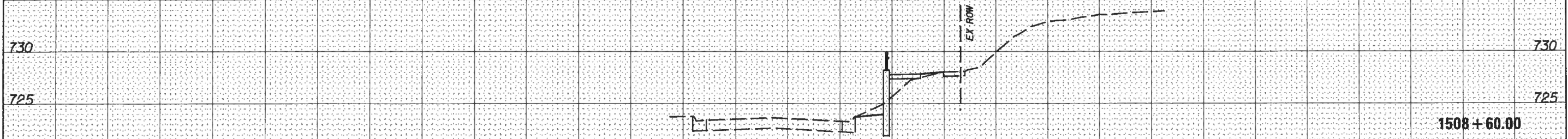


Notes:
 The quantity for Fill (F) was calculated using the area below the proposed sidewalk ramp and above the grade shown. It shall be paid for as "Trench Backfill".



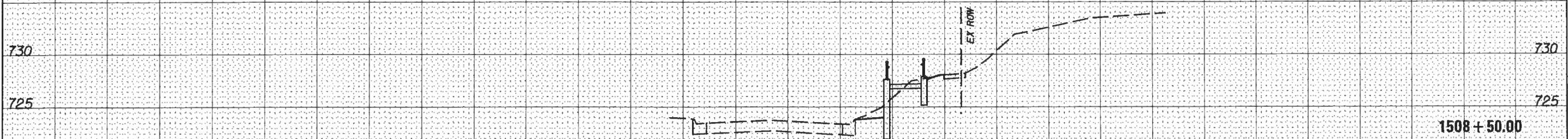
C = 1.50 F = 1.30

1508 + 70.00



C = 1.80 F = 0.65

1508 + 60.00



C = 2.55 F = 0.15

1508 + 50.00

KNIGHT
 Engineers & Architects

SCALE - NONE
 DATE - 3/24/2016

DESIGNED - FW	REVISED
CHECKED -	REVISED
DRAWN - DC	REVISED
CHECKED -	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72/SPRUCE ST
 CROSS SECTIONS

DRAWING NO. 4 OF 5 DRAWINGS

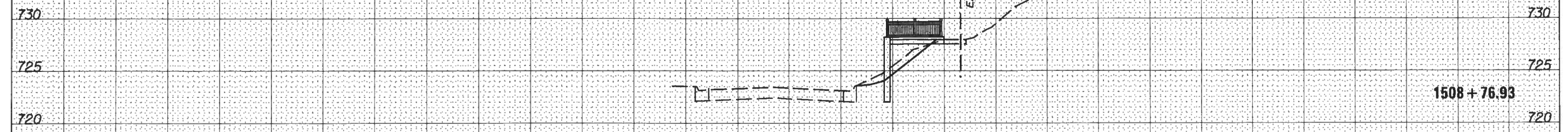
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119,120) RS-5	OGLE	97	70
CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

Notes:
 The quantity for Fill (F) was calculated using the area below the proposed sidewalk ramp and above the grade shown. It shall be paid for as "Trench Backfill".

EARTHWORK ENDS STA 1508+80

C = 0.0 F = 0.0



C = 1.70 F = 1.80

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

KNIGHT
 Engineers & Architects

DESIGNED - FW
 CHECKED - REW
 DRAWN - DC
 CHECKED - REW
 SCALE - NONE
 DATE - 3/24/2016

DESIGNED - FW
 CHECKED - REW
 DRAWN - DC
 CHECKED - REW

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

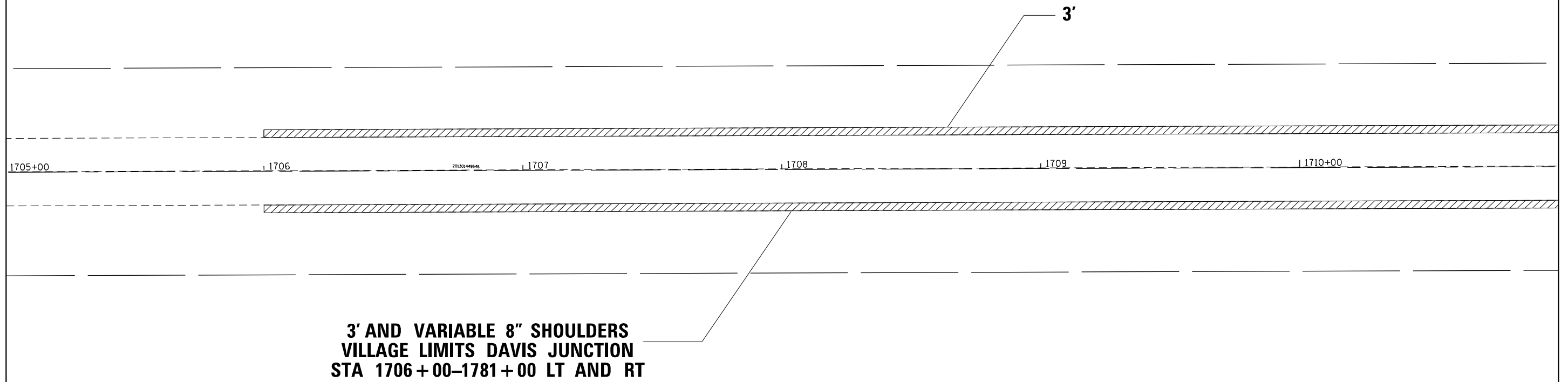
IL ROUTE 72/SPRUCE ST
 CROSS SECTIONS

DRAWING NO. 5 OF 5 DRAWINGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119,120) RS-5	OGLE	97	71
				CONTRACT NO. 64H06
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION

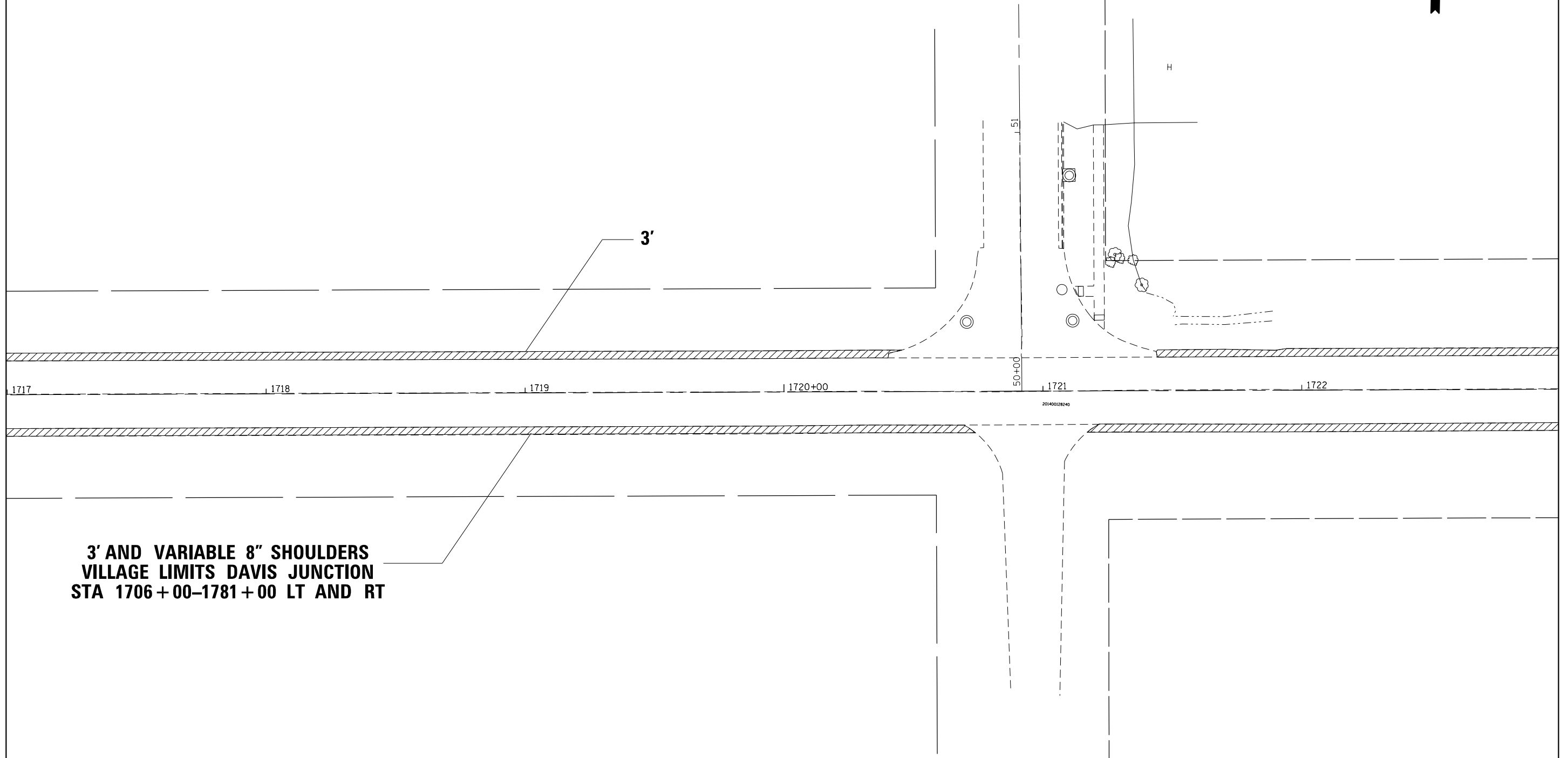


**3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706 + 00-1781 + 00 LT AND RT**

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SHOULDERS VILLAGE LIMITS STA 1706 + 00 TO 1781 + 00	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION



**3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706+00-1781+00 LT AND RT**

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SHOULDERS VILLAGE LIMITS STA 1706+00 TO 1781+00	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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HOT-MIX ASPHALT SHOULDERS

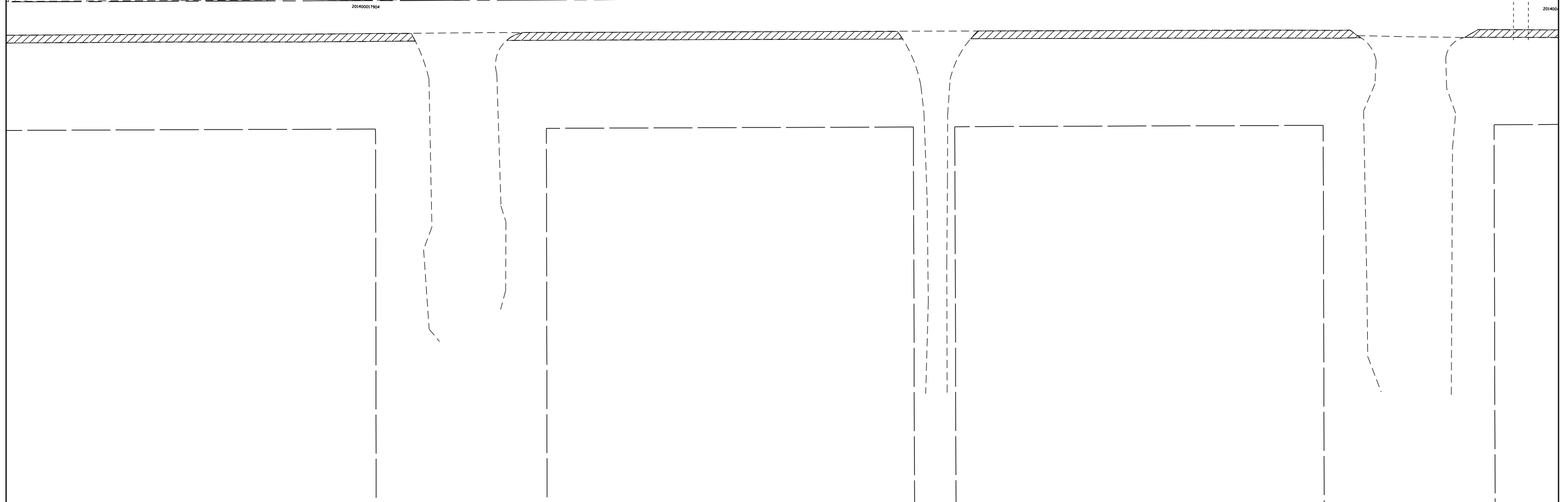
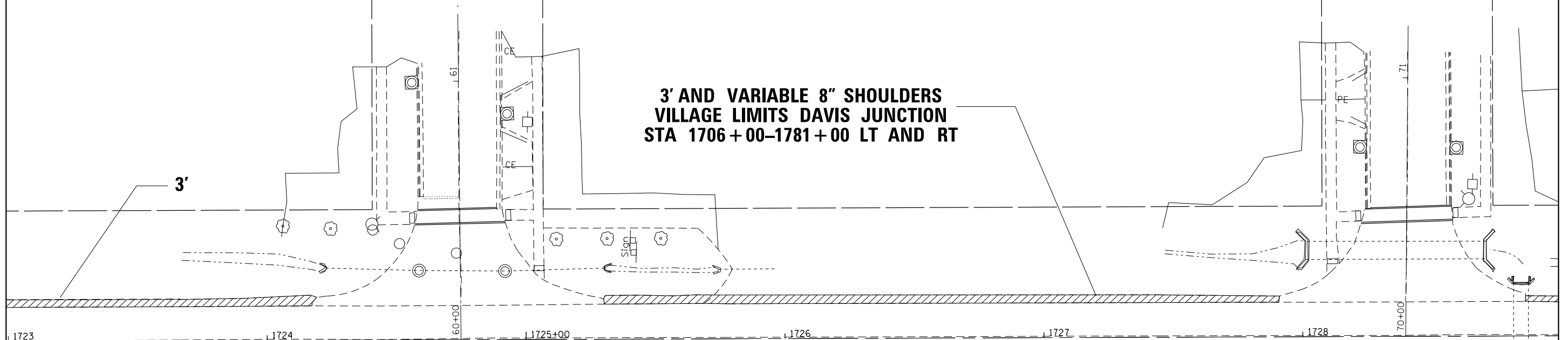
VILLAGE LIMITS OF DAVIS JUNCTION

Mabel St

Elm St



**3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706+00-1781+00 LT AND RT**



FILE NAME =	USER NAME = FASSLERMJ	DESIGNED - _____	REVISED - _____
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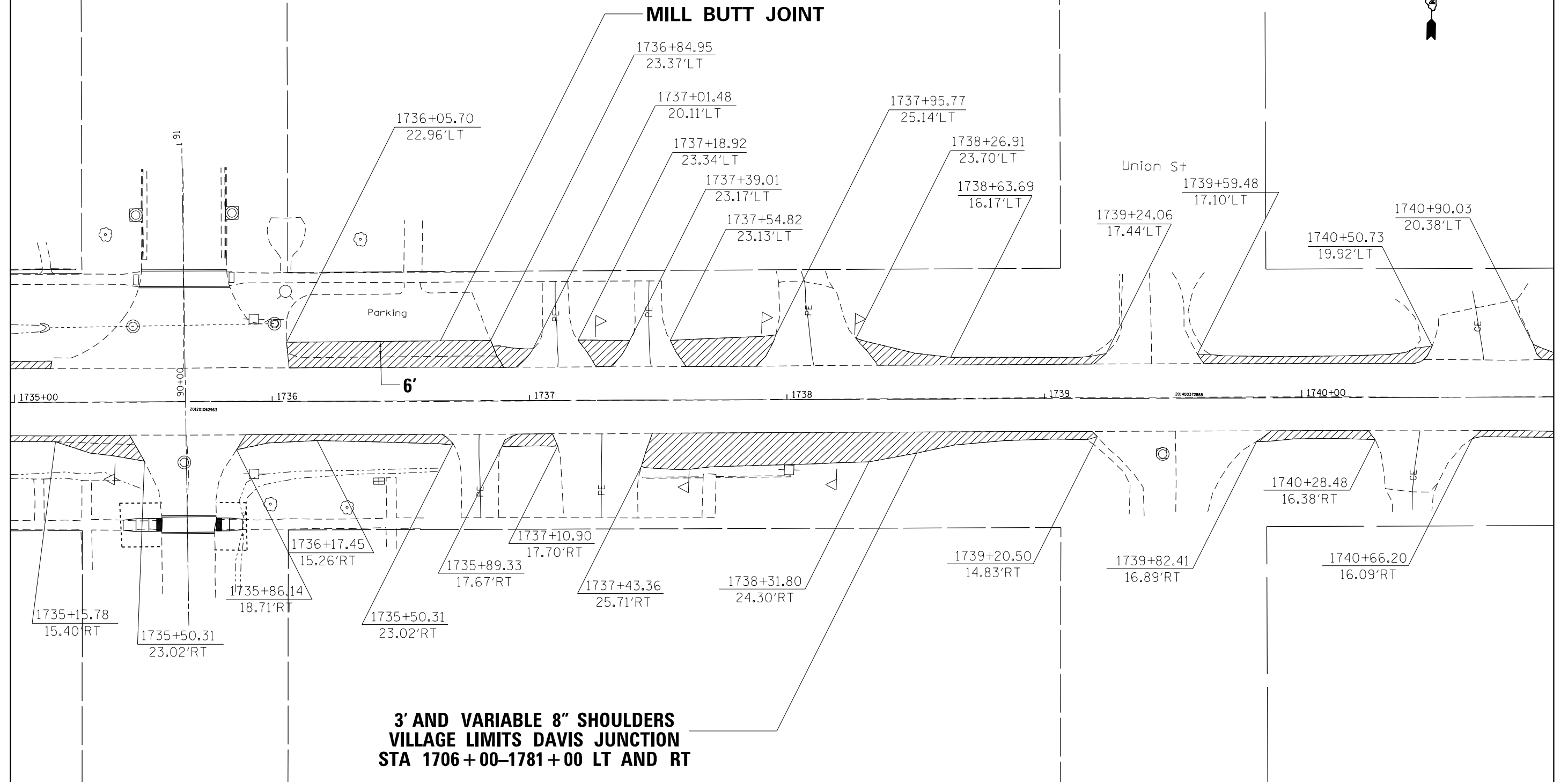
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA SHOULDERS	
VILLAGE LIMITS STA 1706+00 TO 1781+00	
SCALE: _____	SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION

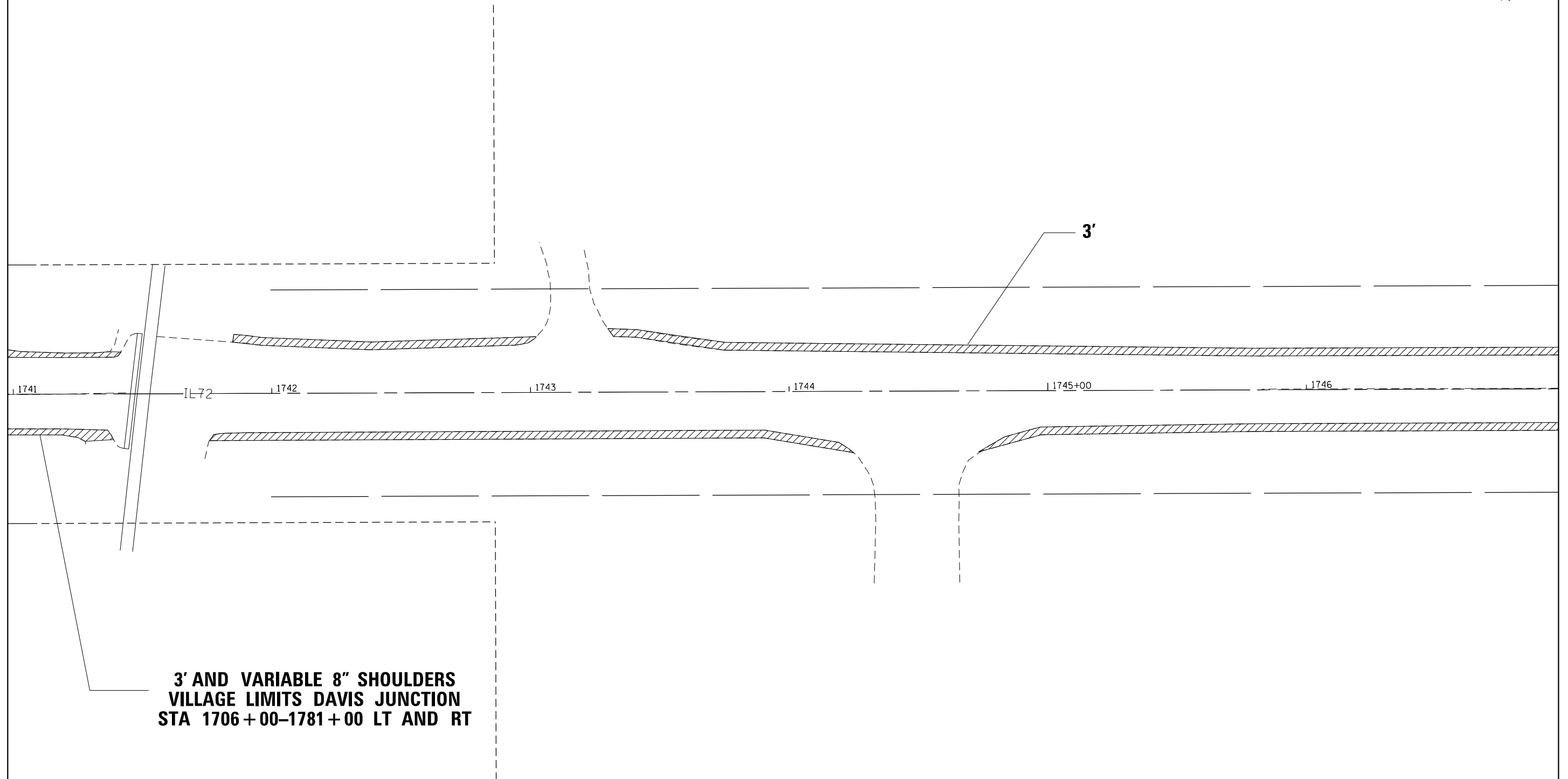


**3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706+00-1781+00 LT AND RT**

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SHOULDERS		F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION



**3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706 + 00-1781 + 00 LT AND RT**

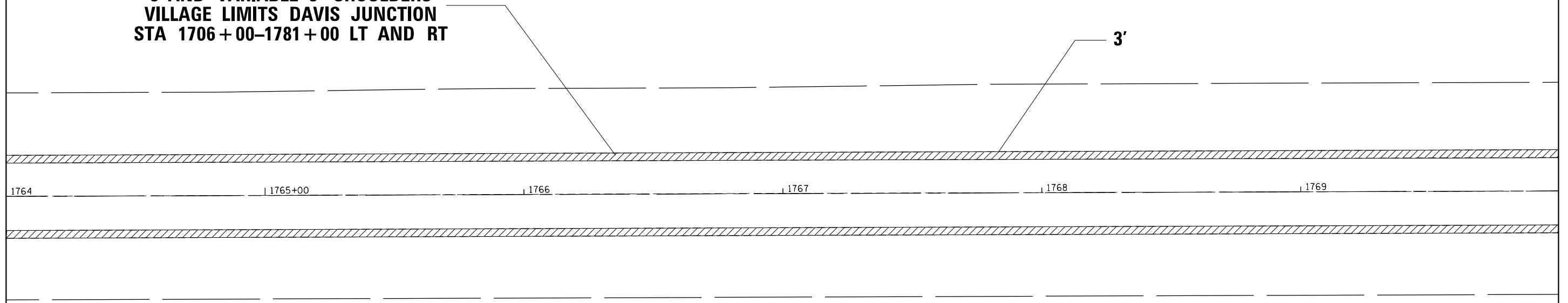
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HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION



**3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706+00-1781+00 LT AND RT**



1764 1765+00 1766 1767 1768 1769

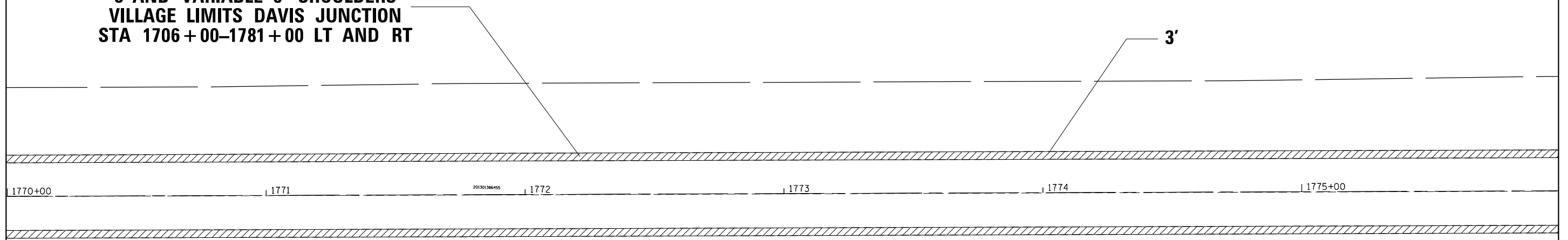
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HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION



**3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706+00-1781+00 LT AND RT**



FILE NAME =	USER NAME = FASSLERMJ	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SHOULDERS VILLAGE LIMITS STA 1706+00 TO 1781+00	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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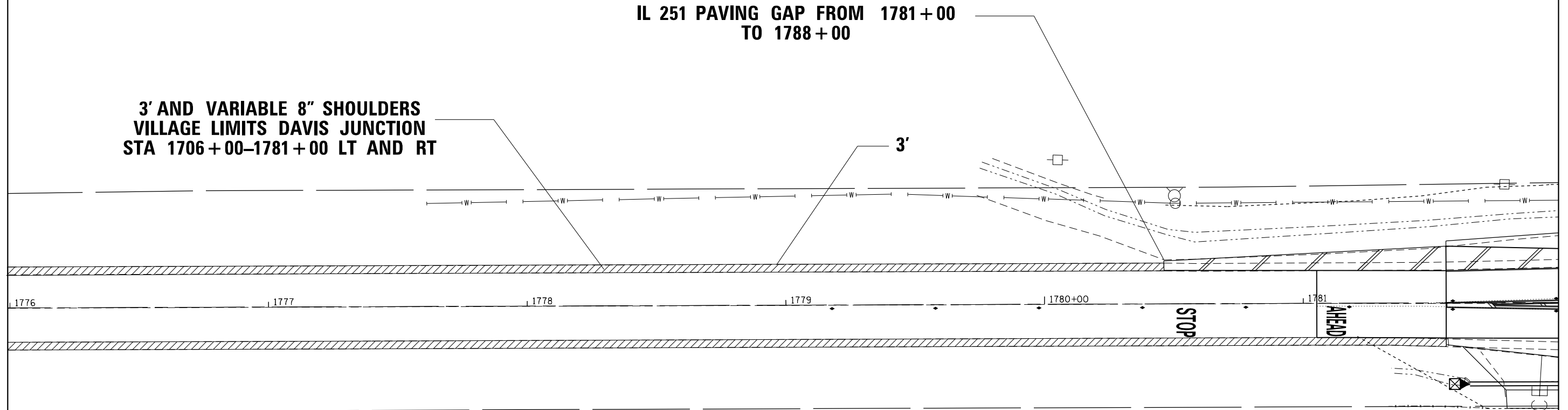
HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION



IL 251 PAVING GAP FROM 1781+00
TO 1788+00

3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706+00-1781+00 LT AND RT



FILE NAME =	USER NAME = FASSLERMJ	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SHOULDERS		F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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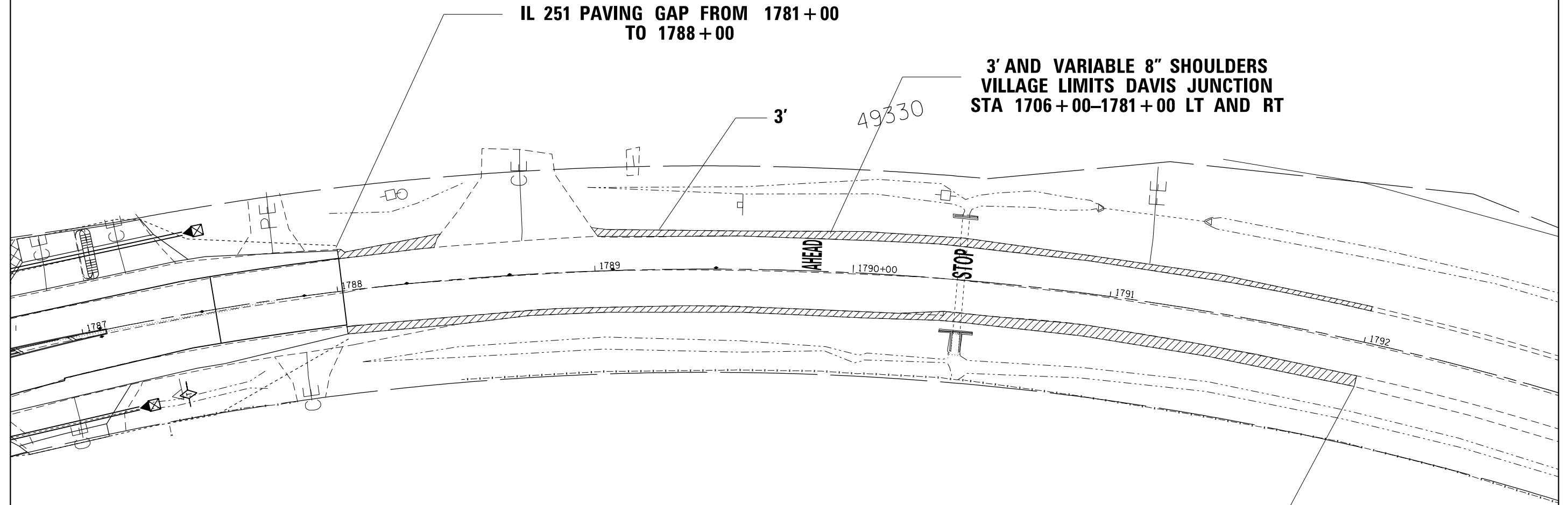
HOT-MIX ASPHALT SHOULDERS

VILLAGE LIMITS OF DAVIS JUNCTION



IL 251 PAVING GAP FROM 1781+00
TO 1788+00

3' AND VARIABLE 8" SHOULDERS
VILLAGE LIMITS DAVIS JUNCTION
STA 1706+00-1781+00 LT AND RT



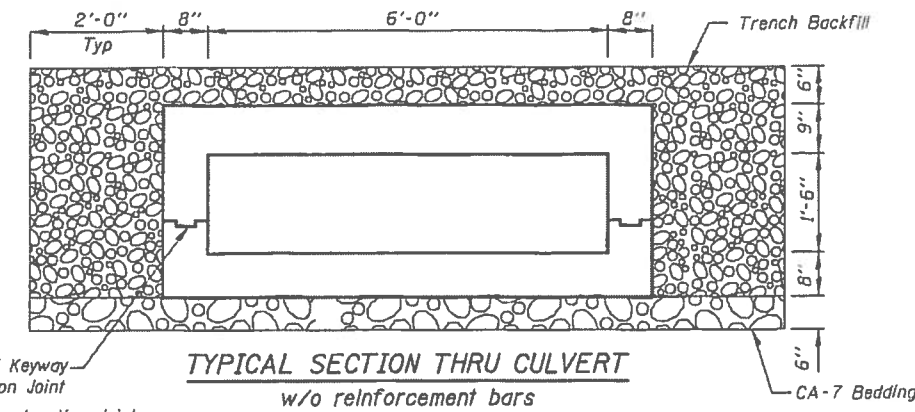
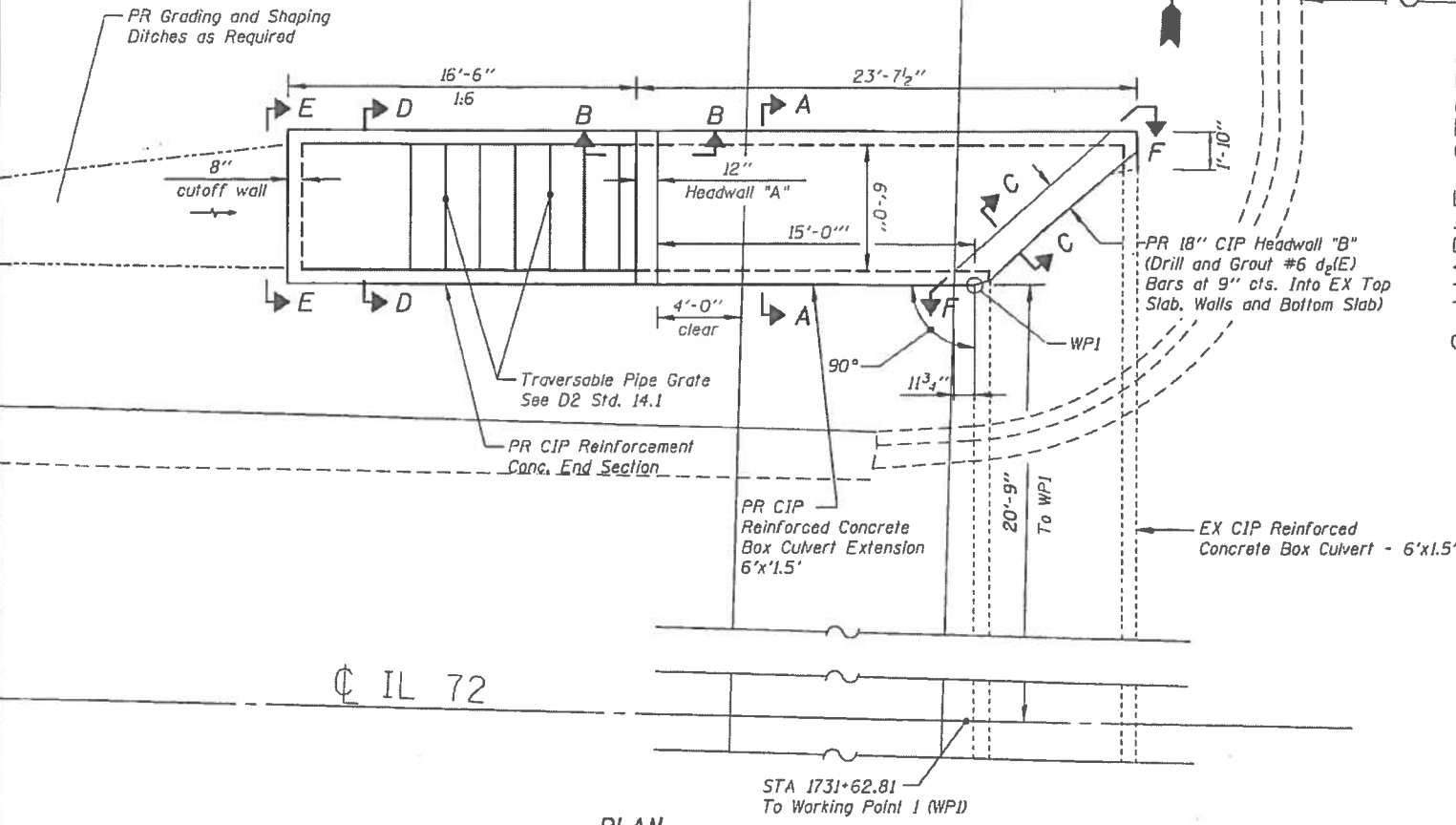
PAVED SHOULDER ENDS
AT STA 1792+00 LT & RT

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Benchmark: Chiseled Square on top of existing box culvert located at Sta 1731+66.13-27.56'L Elev-785.87

INDEX OF STRUCTURAL DRAWINGS

DRAWING NO.	DESCRIPTION
SA-01	GENERAL PLAN AND ELEVATION
SA-02	CROSS SECTIONS AND DETAILS
SA-03	REINFORCEMENT DETAILS



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a ₁ (E)	64	#6	7'-0"	—
a ₂ (E)	2	#6	8'-4"	—
a ₃ (E)	4	#6	10'-0"	—
a ₄ (E)	6	#9	12'-2"	—
a ₅ (E)	6	#6	11'-1"	—
b ₁ (E)	3	#4	7'-0"	—
d ₁ (E)	12	#4	5'-4"	└
d ₂ (E)	12	#6	3'-6"	—
d ₃ (E)	2	#6	2'-3"	—
d ₄ (E)	2	#6	2'-6"	—
d ₅ (E)	2	#6	3'-2"	—
d ₆ (E)	2	#6	3'-9"	—
d ₇ (E)	3	#4	3'-8"	—
d ₈ (E)	3	#4	5'-2"	└
h ₁ (E)	13	#4	19'-6"	—
h ₂ (E)	4	#4	16'-6"	—
h ₃ (E)	7	#4	39'-5"	—
h ₄ (E)	3	#4	44'-6"	—
h ₅ (E)	3	#4	34'-1"	—
h ₆ (E)	4	#4	25'-8"	—
h ₇ (E)	4	#4	18'-0"	—
h ₈ (E)	4	#4	24'-10"	—
k ₂ (E)	47	#5	3'-8"	└
m ₂ (E)	47	#5	4'-8"	└
m ₃ (E)	20	#5	8'-4"	└
s ₁ (E)	8	#4	3'-3"	└
s ₂ (E)	11	#4	4'-11"	└
v ₁ (E)	40	#5	2'-7"	—
v ₂ (E)	17	#5	7'-11"	└

Concrete Box Culverts	Cu. Yd.	15.0
Reinforcement Bars, Epoxy Coated	Pound	2910
Structure Excavation	Cu. Yd.	23
Trench Backfill	Cu. Yd.	15
Grading and Shaping Ditches	Foot	50
Traversable Pipe Grate	Foot	39

Notes:

- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
- Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
- Reinforcement bars designated (E) shall be epoxy coated.
- The work for drilling and grouting reinforcement bars shall not be paid for separately, but shall be included in the unit cost per pound of REINFORCEMENT BARS, EPOXY COATED.
- The material and placement cost of the CA-7 bedding material shall not be paid for separately, but shall be included in the unit cost per C.Y. for CONCRETE BOX CULVERTS.
- Precast culvert alternate is not allowed.
- All construction joints shall be bonded.



DESIGN STRESSES

FIELD UNITS
f_c = 3,500 psi
f_y = 60,000 psi (reinforcement)

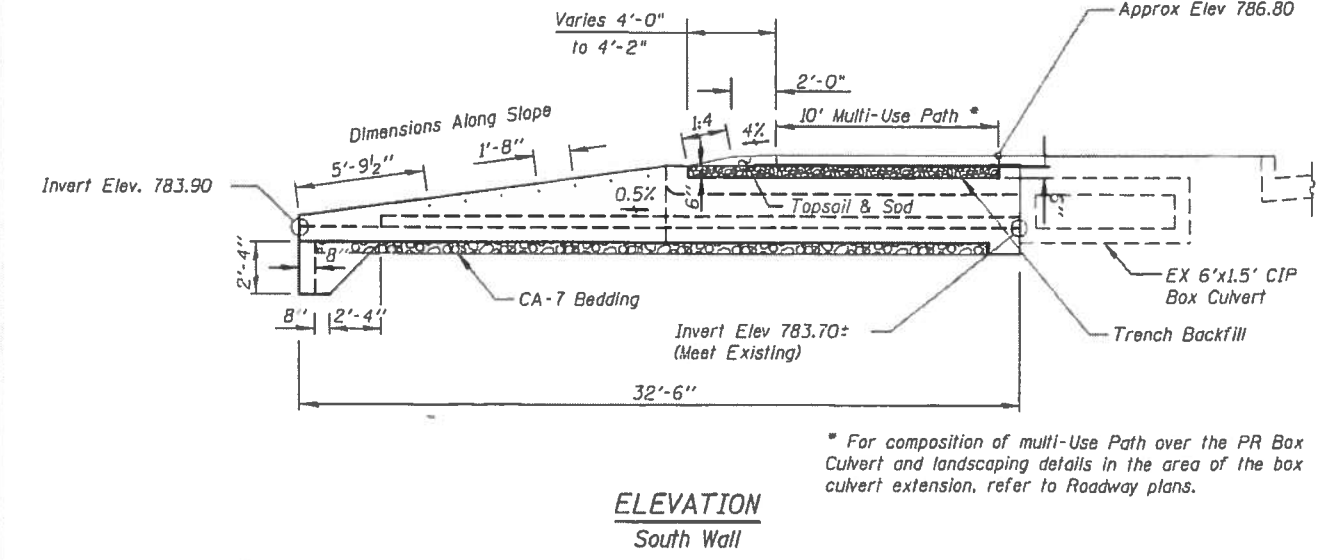
DESIGN SPECIFICATIONS

2014 AASHTO Bridge Design Specifications, 7th Edition

LOADING - HL-93

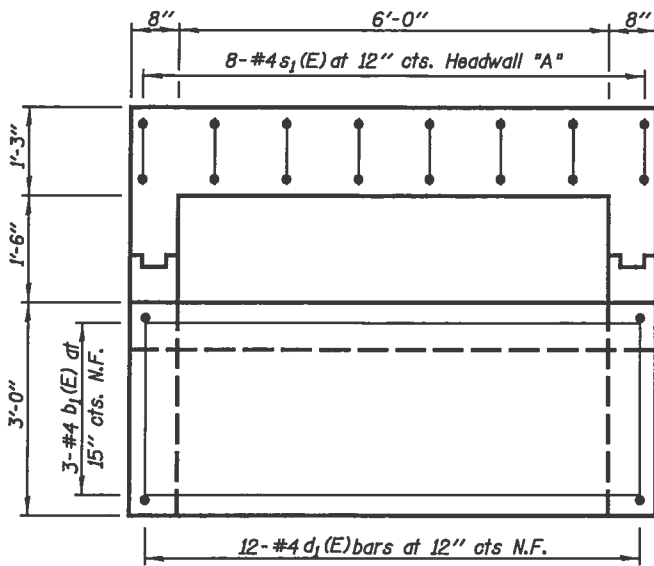
Expires 11-30-2018
Date: 03/01/2017
for drawings
SA-01 thru SA-03

IL 72 AT MAPLE ST
STA. 1731+62.81

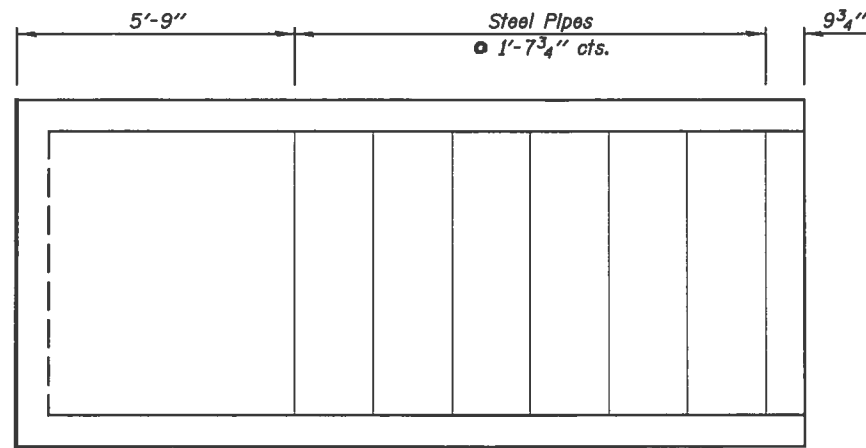


ELEVATION
South Wall

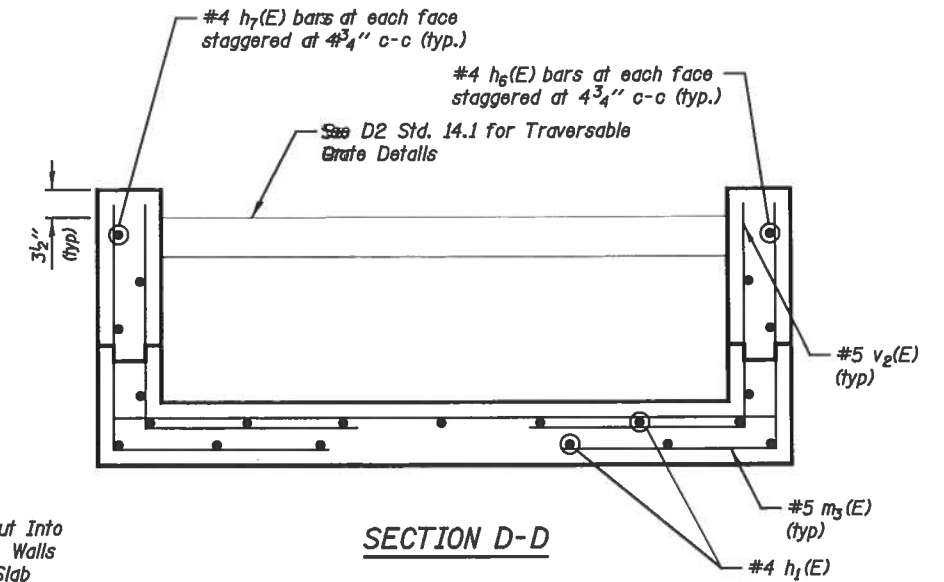
KNIGHT Engineers & Architects	DESIGNED - FW	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION 6' X 1.5' BOX CULVERT EXTENSION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DATE - Invalid expression	CHECKED -	REVISIONS							



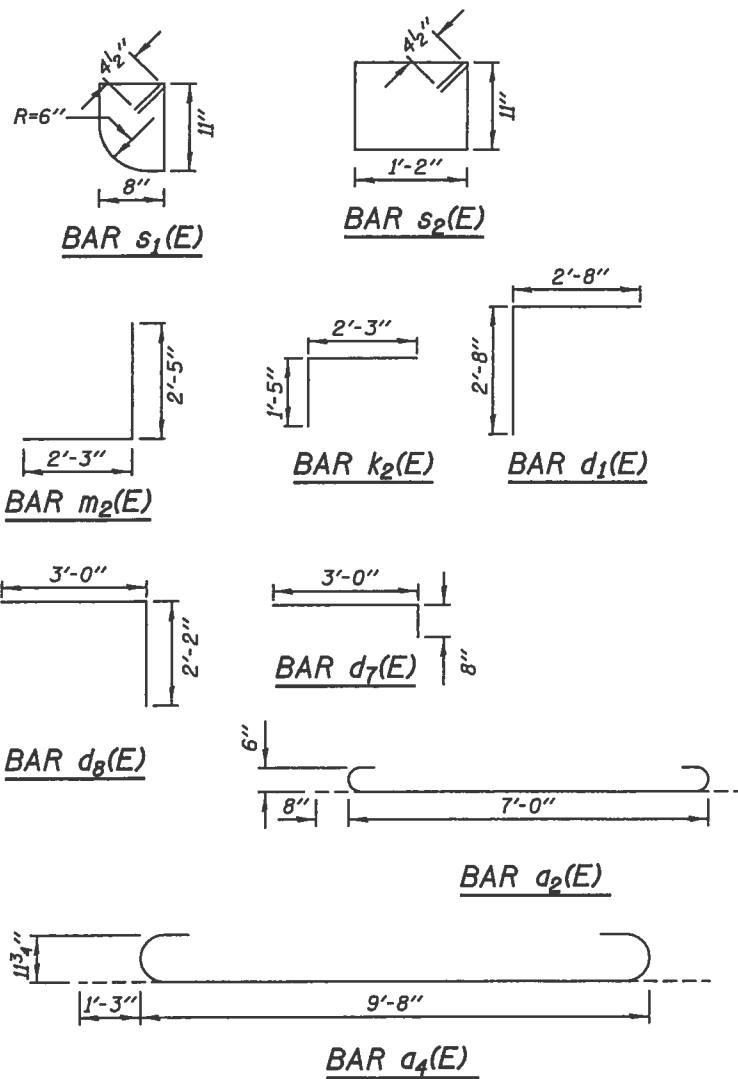
ELEVATION E-E



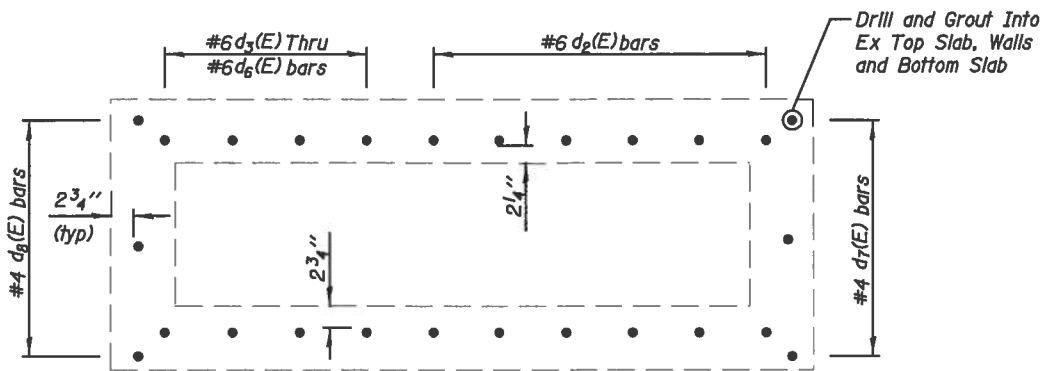
PLAN - TRAVERSABLE GRATE



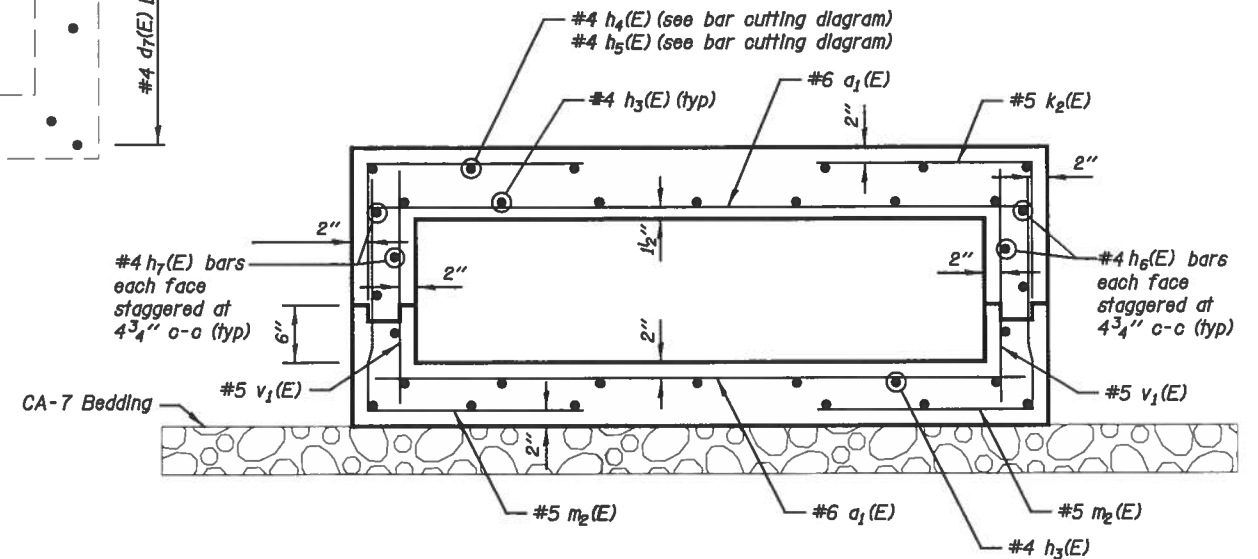
SECTION D-D



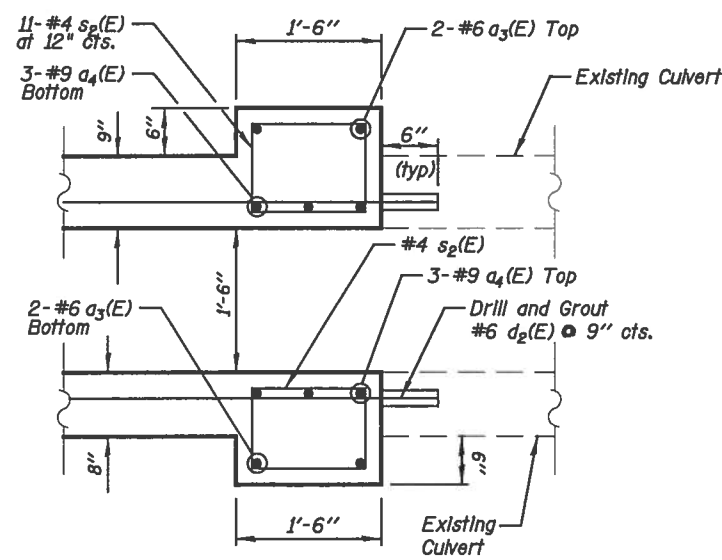
Bar Details



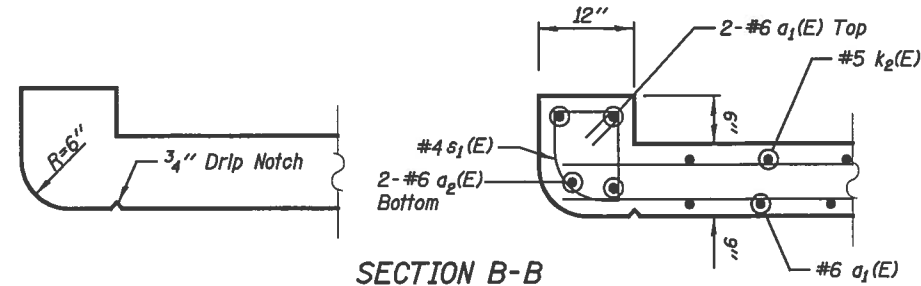
ELEVATION F-F



SECTION A-A



SECTION C-C
Headwall "B"



SECTION B-B
headwall "A" w/ & w/o reinforcement

KNIGHT
Engineers & Architects

SCALE - NONE
DATE - 1/28/2015

DESIGNED - FW
CHECKED - CMS
DRAWN - DC
CHECKED -

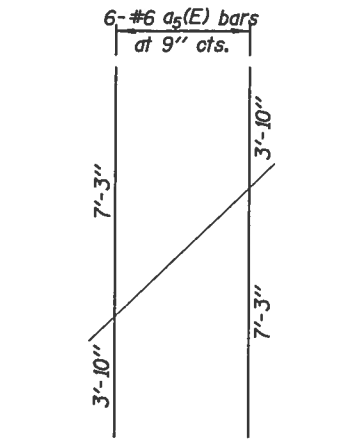
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

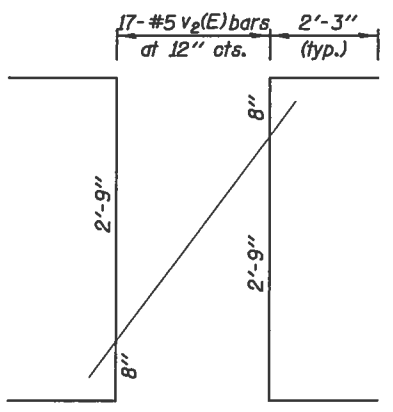
CROSS SECTIONS AND DETAILS
6' X 1.5' BOX CULVERT EXTENSION
DRAWING NO. S-2 OF 3 DRAWINGS

IL 72 AT MAPLE ST
STA. 1731+62.81

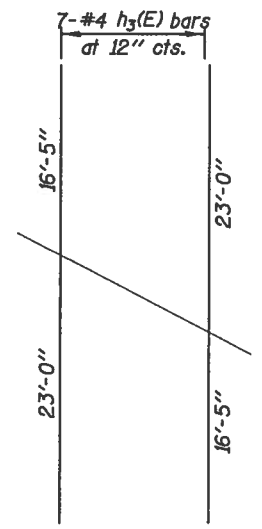
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CONTRACT NO. 64H06			ILLINOIS FED. AID PROJECT	



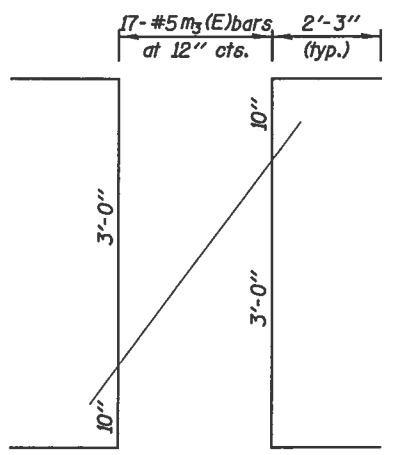
BAR CUTTING DIAGRAM



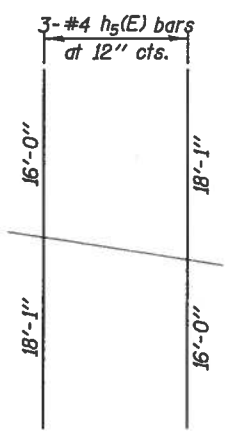
BAR CUTTING DIAGRAM



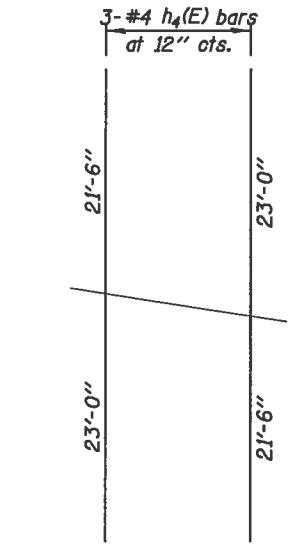
BAR CUTTING DIAGRAM



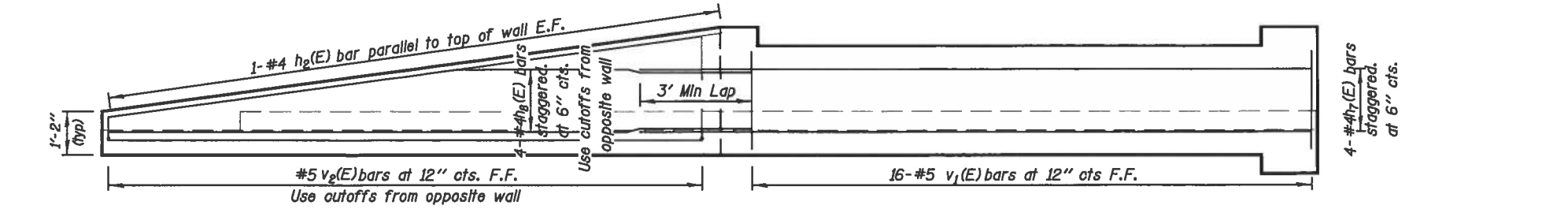
BAR CUTTING DIAGRAM



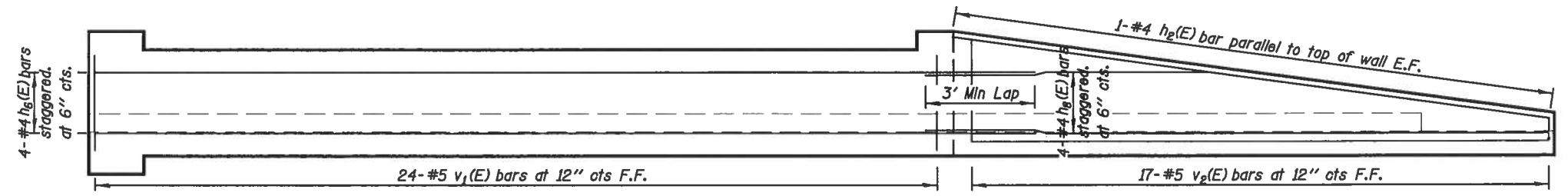
BAR CUTTING DIAGRAM



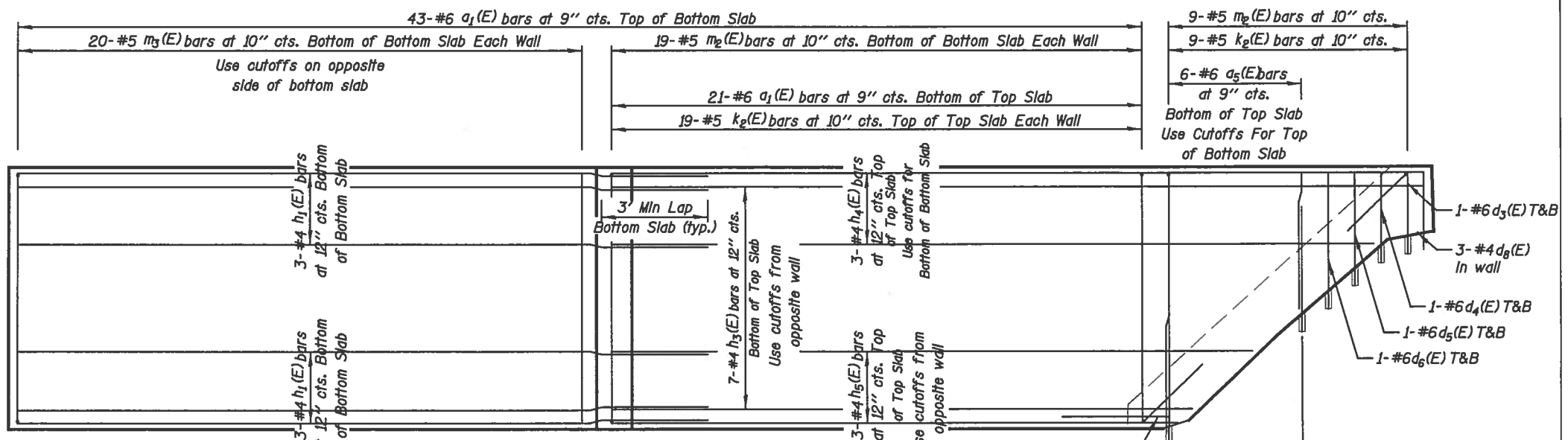
BAR CUTTING DIAGRAM



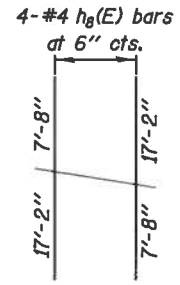
ELEVATION
South Wall



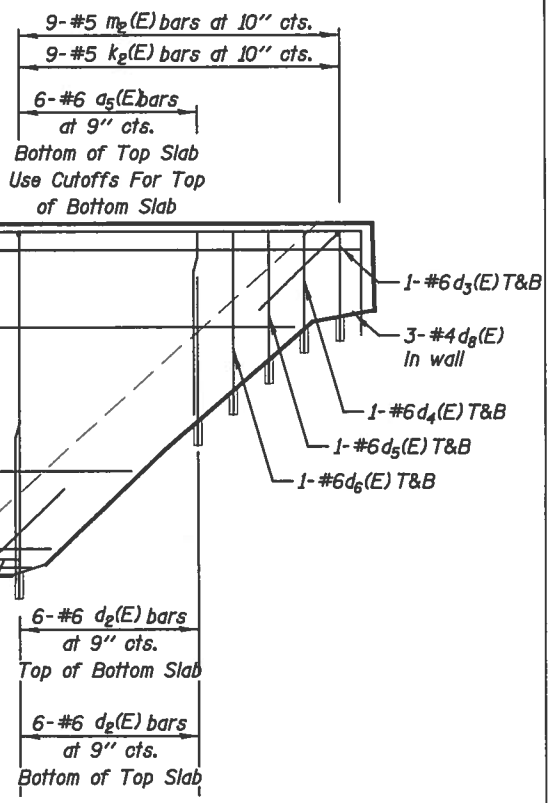
ELEVATION
North Wall



PLAN VIEW



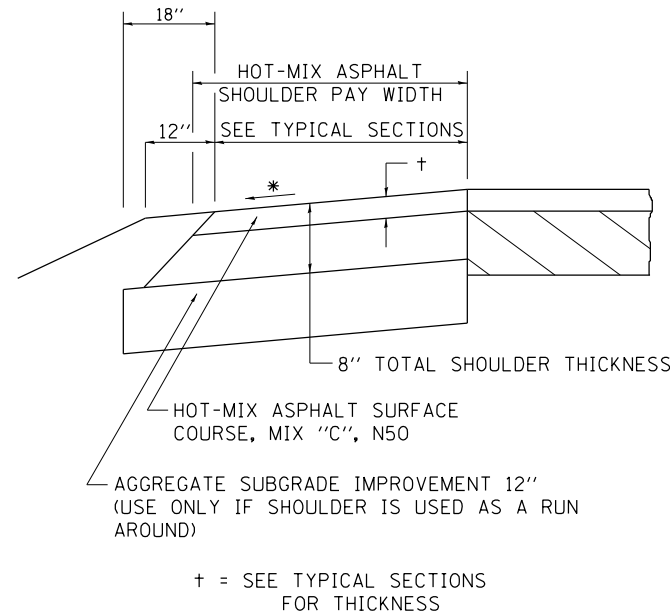
BAR CUTTING DIAGRAM



IL 72 AT MAPLE ST
STA. 1731+62.81

KNIGHT Engineers & Architects	DESIGNED - FW	REVIS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REINFORCEMENT DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CHECKED - CMS	REVIS		6' X 1.5' BOX CULVERT EXTENSION		553	019,1201 RS-5	OGLE	97	85	
	SCALE - NONE	REVIS		DRAWING NO. S-3 OF 3 DRAWINGS		CONTRACT NO. 64H06					
	DATE - 1/28/2015	REVIS				ILLINOIS FED. AID PROJECT					

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

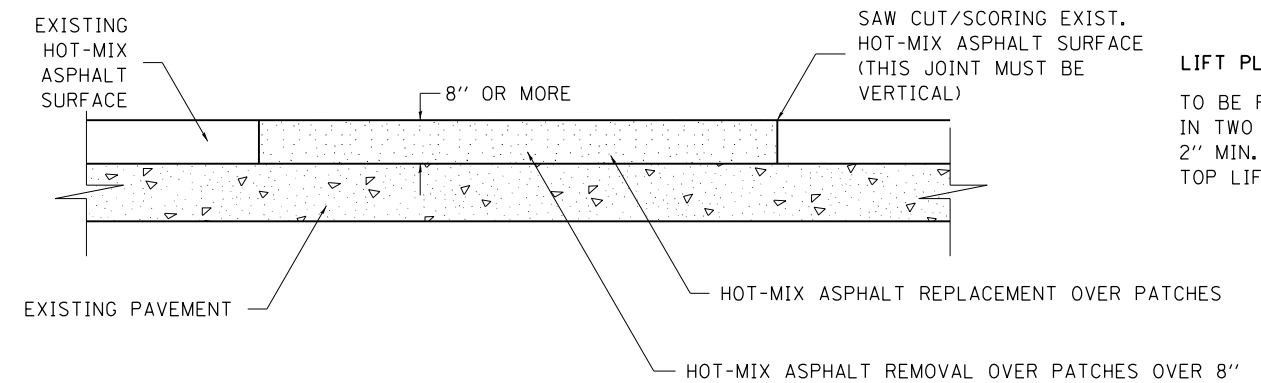
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

REVISED - 1-05-16
REVISED - 3-13-13

HOT-MIX ASPHALT SHOULDER 22.4

PAVEMENT PATCHING DETAIL



LIFT PLACEMENT:
TO BE PLACED
IN TWO LIFTS WITH
2" MIN. COMPACTED
TOP LIFT.

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. REPLACE HOT-MIX ASPHALT SURFACE.

GENERAL NOTES:

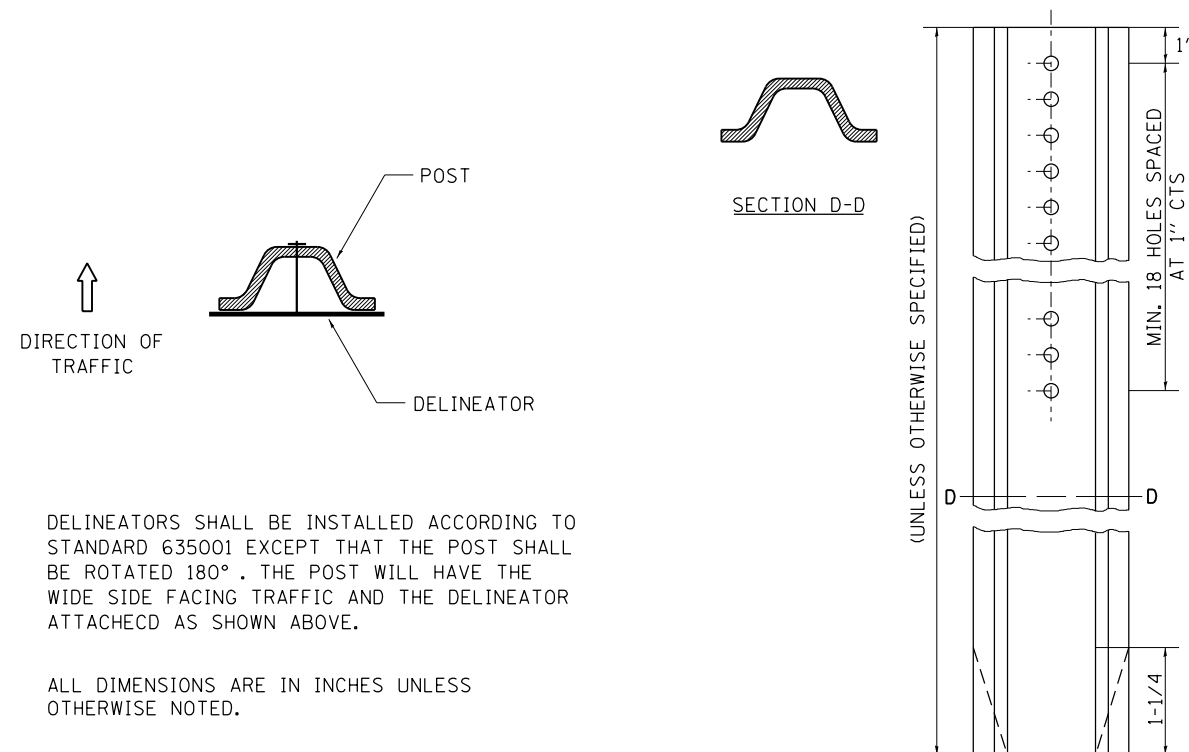
1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

PAVEMENT PATCHING DETAIL 33.4

DELINEATOR AND POST ORIENTATION



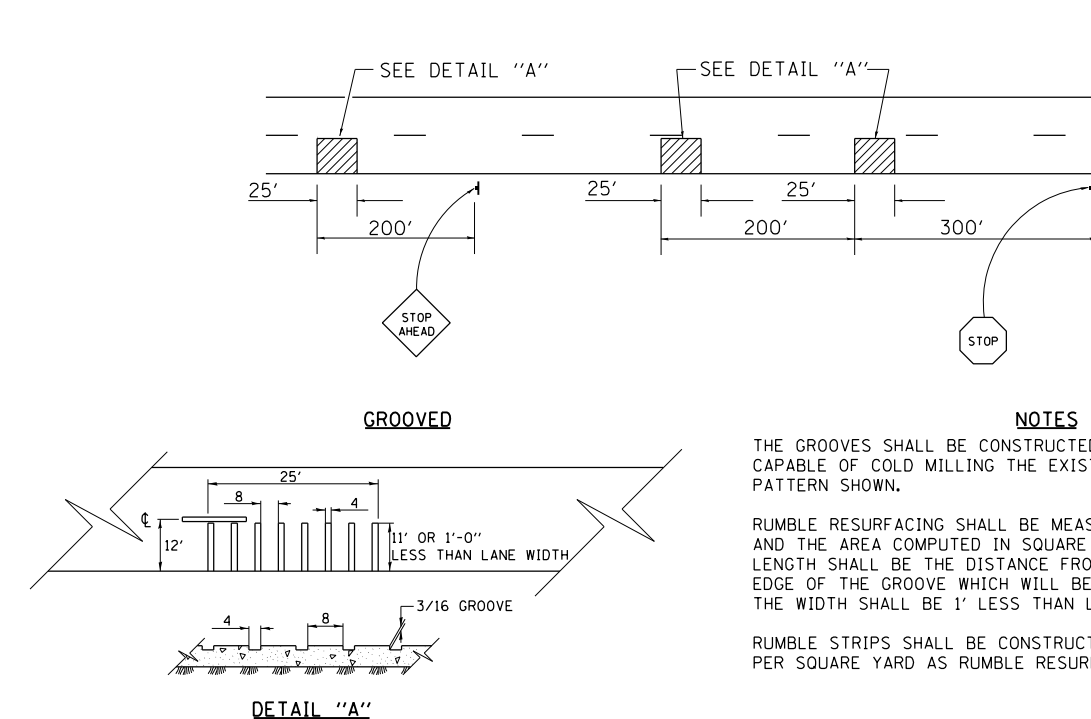
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

RUMBLE RESURFACING



NOTES

THE GROOVES SHALL BE CONSTRUCTED WITH A MILLING MACHINE CAPABLE OF COLD MILLING THE EXISTING SURFACE IN THE PATTERN SHOWN.

RUMBLE RESURFACING SHALL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS. THE LENGTH SHALL BE THE DISTANCE FROM OUTSIDE EDGE TO OUTSIDE EDGE OF THE GROOVE WHICH WILL BE APPROXIMATELY 25'. THE WIDTH SHALL BE 1' LESS THAN LANE WIDTH.

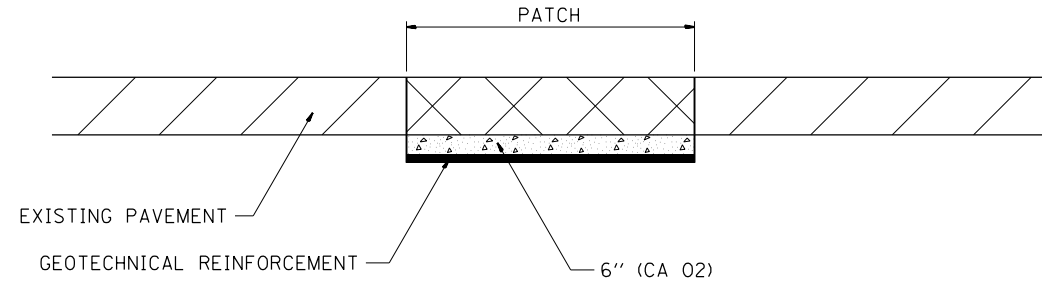
RUMBLE STRIPS SHALL BE CONSTRUCTED AS SHOWN AND PAID FOR PER SQUARE YARD AS RUMBLE RESURFACING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-05-11	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -			553	(119.120)RS-5	OGLE	97	86
REVISED -			CONTRACT NO. 64H06				
REVISED -	SCALE: 100.0000' / 1"	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

RUMBLE RESURFACING 91.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

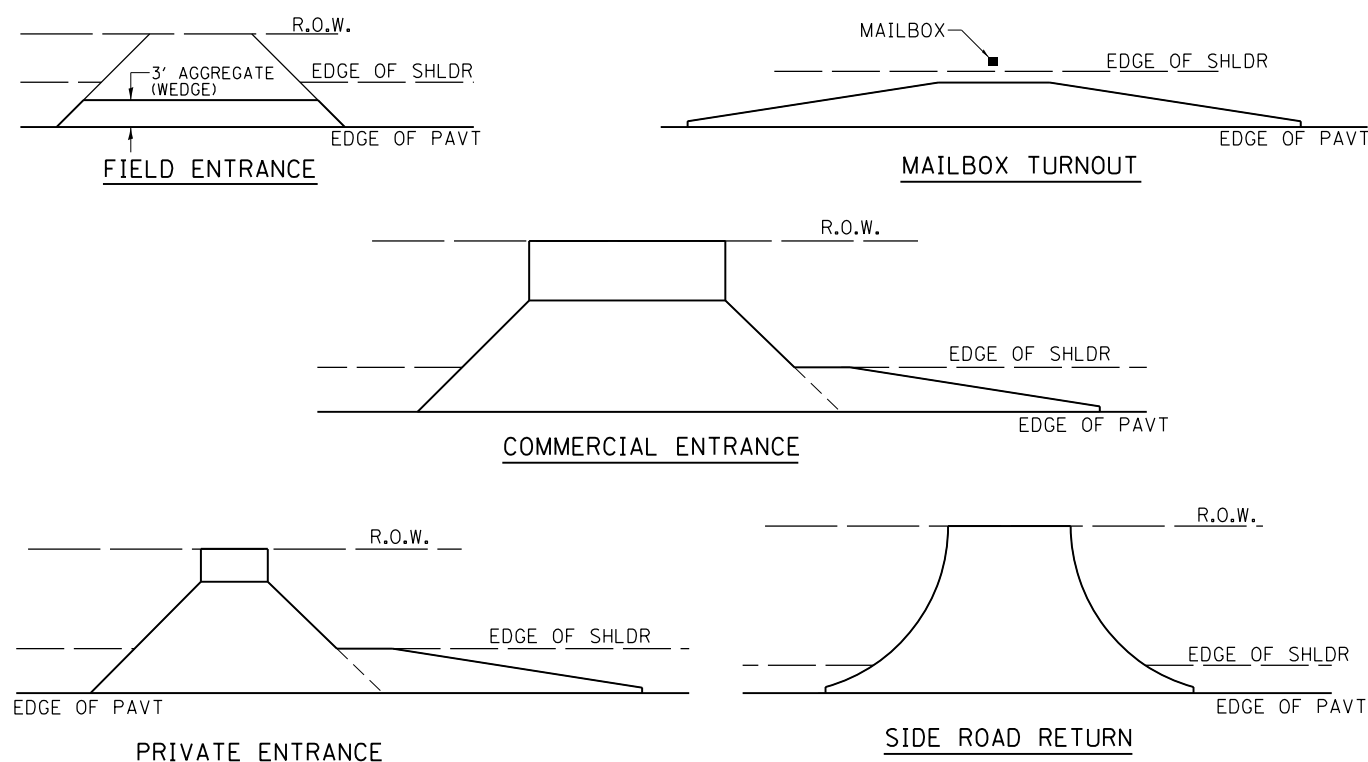
REVISED - 3-13-13

SUBGRADE REPLACEMENT 97.4

PLOT DATE = Mar-15-2017 07:53:00 AM

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		553	(119.120)RS-5	OGLE	97	87
REVISED -		CONTRACT NO. 64H06				
REVISED -		SCALE: 100.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS

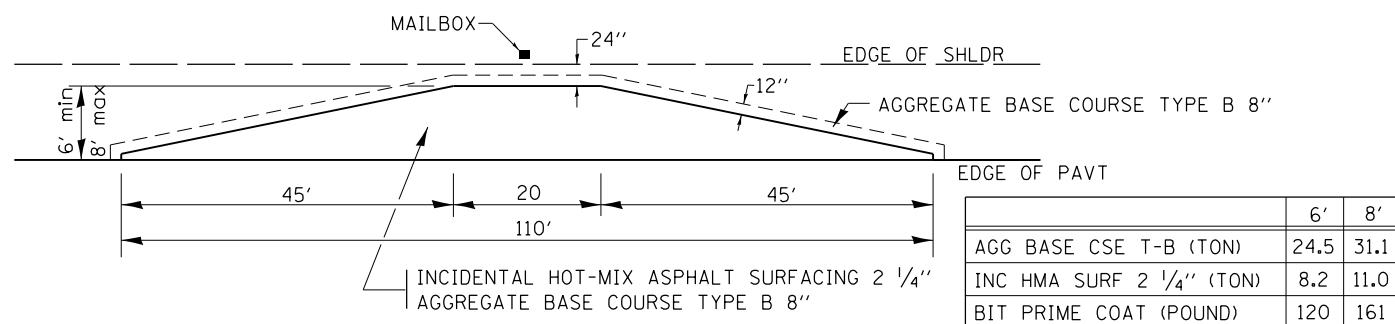


NOTE: EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.

EXISTING AGG. PE's & CE's
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on existing entrance to conform to the present configuration.

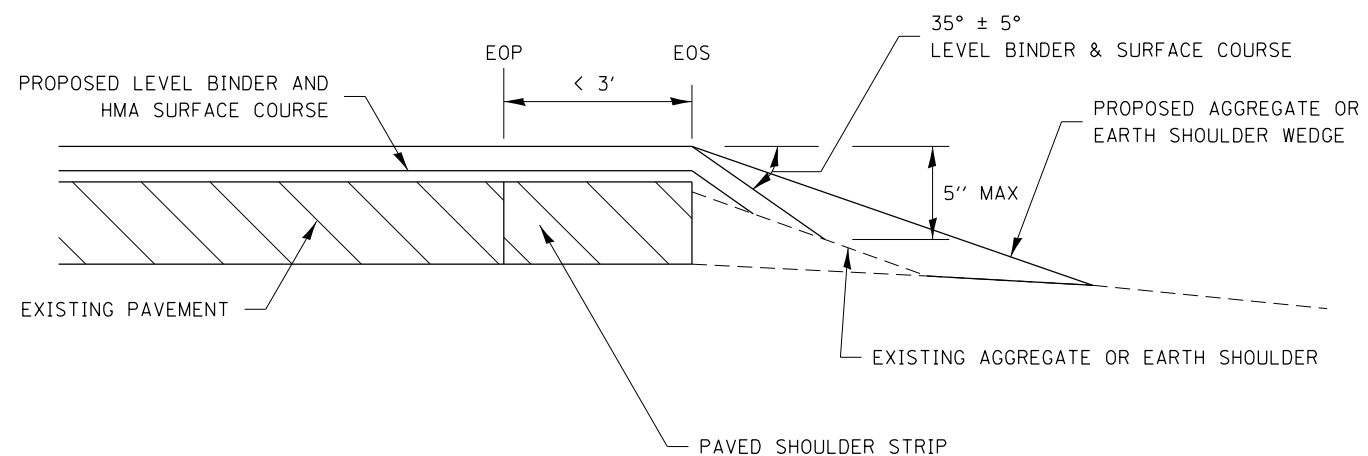
EXISTING AGG. SIDEROADS
Place 3" Incidental Hot-Mix Asphalt Surfacing on sideroad to conform to the present configuration.

EXISTING AGG. MAILBOX TURNOUTS
Existing Agg. Mailbox Turnouts shall be constructed as shown below.

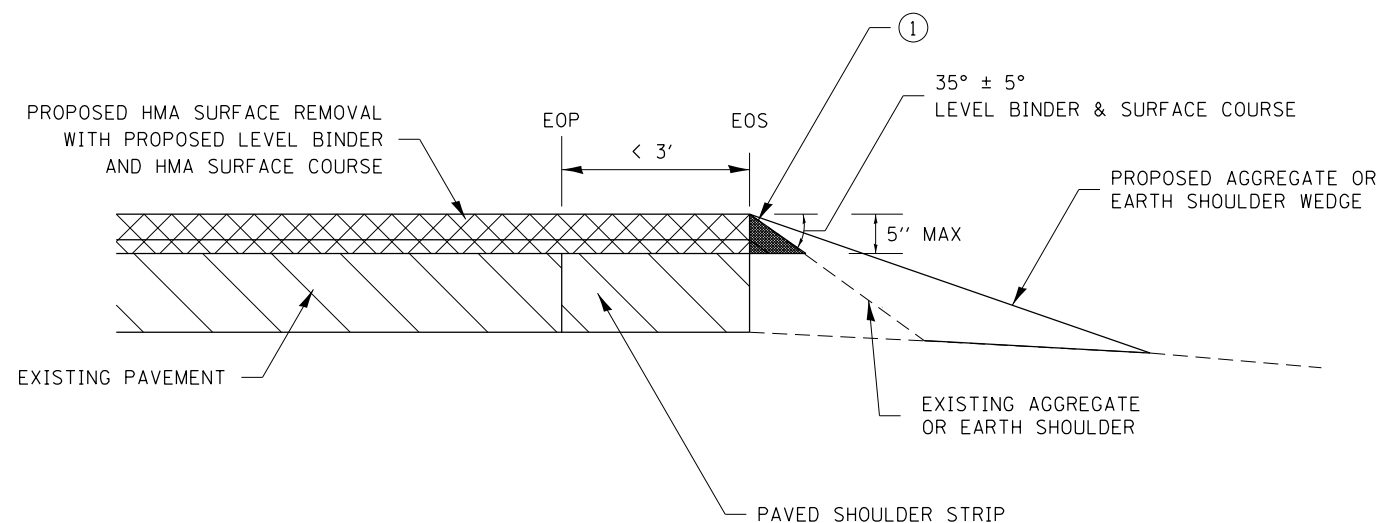


REVISED - 1-05-16
REVISED - 7-21-15
REVISED - 6-27-14
REVISED - 10-21-08

SAFETY EDGE (3P PROJECTS)



NO MILLING: ADJACENT SHOULDER FLUSH WITH OR LOWER THAN EXISTING PAVEMENT



MILLING: WITH ADJACENT SHOULDER FLUSH WITH OR HIGHER THAN MILLED SURFACE

NOTES : THE DEVICE WHICH FORMS THE SAFETY EDGE SHALL BE MOUNTED ON THE PAVER SCREED AGAINST THE END GATE AND SHALL BE REMOVABLE OR BE ABLE TO BE LIFTED WHEN NOT IN USE. THE DEVICE SHALL BE DESIGNED TO MAINTAIN CONTACT WITH SURFACE OF THE SHOULDER AND ALLOW AUTOMATIC TRANSITION TO CROSS ROADS, DRIVEWAYS AND OBSTRUCTIONS. THE DEVICE SHALL ALSO CONSTRAIN THE HMA MATERIAL AND INCREASE THE CONSOLIDATION OF THE EXTRUDED PROFILE. THE USE OF A CONVENTIONAL SINGLE PLATE STRIKE-OFF WILL NOT BE ALLOWED.

① PRIOR TO THE PLACEMENT OF THE HMA SAFETY EDGE, IF THE ADJACENT AGGREGATE OR EARTH SHOULDER IS HIGHER THAN THE MILLED SURFACE, THE AREA REQUIRED FOR PLACEMENT OF THE SAFETY EDGE SHALL BE BROUGHT FLUSH WITH THE MILLED SURFACE IN A MANNER APPROVED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE OF THE TYPE SPECIFIED.

ROLLERS WILL NOT BE ALLOWED ON THE SLOPED FACE OF THE SAFETY EDGE.

REVISED - 1-05-16
REVISED - 10-11-13
REVISED -
REVISED -

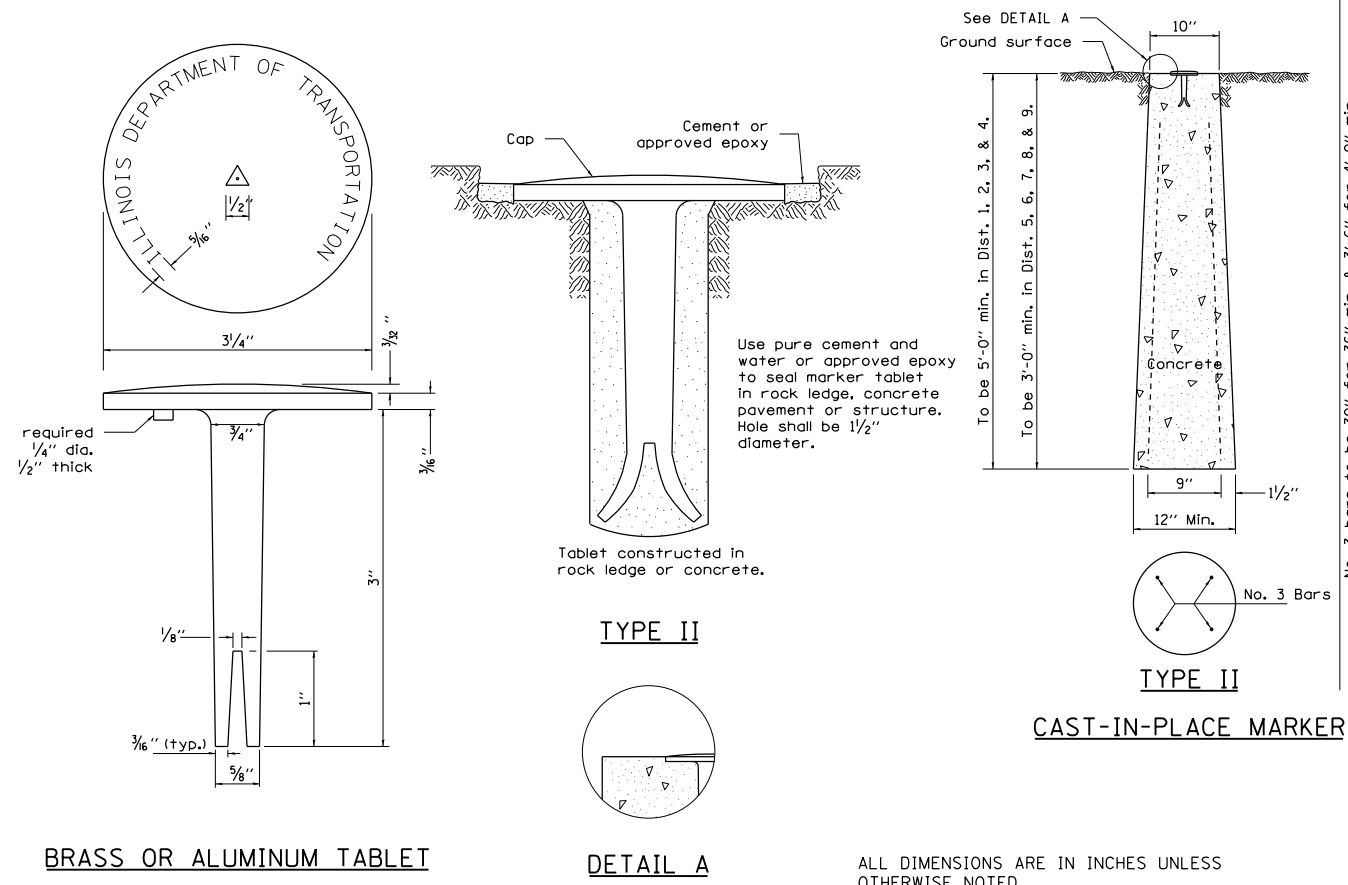
REGION 2 / DISTRICT 2 STANDARD

SCALE: 100,0000' / 1" SHEET NO. OF SHEETS STA. TO STA.

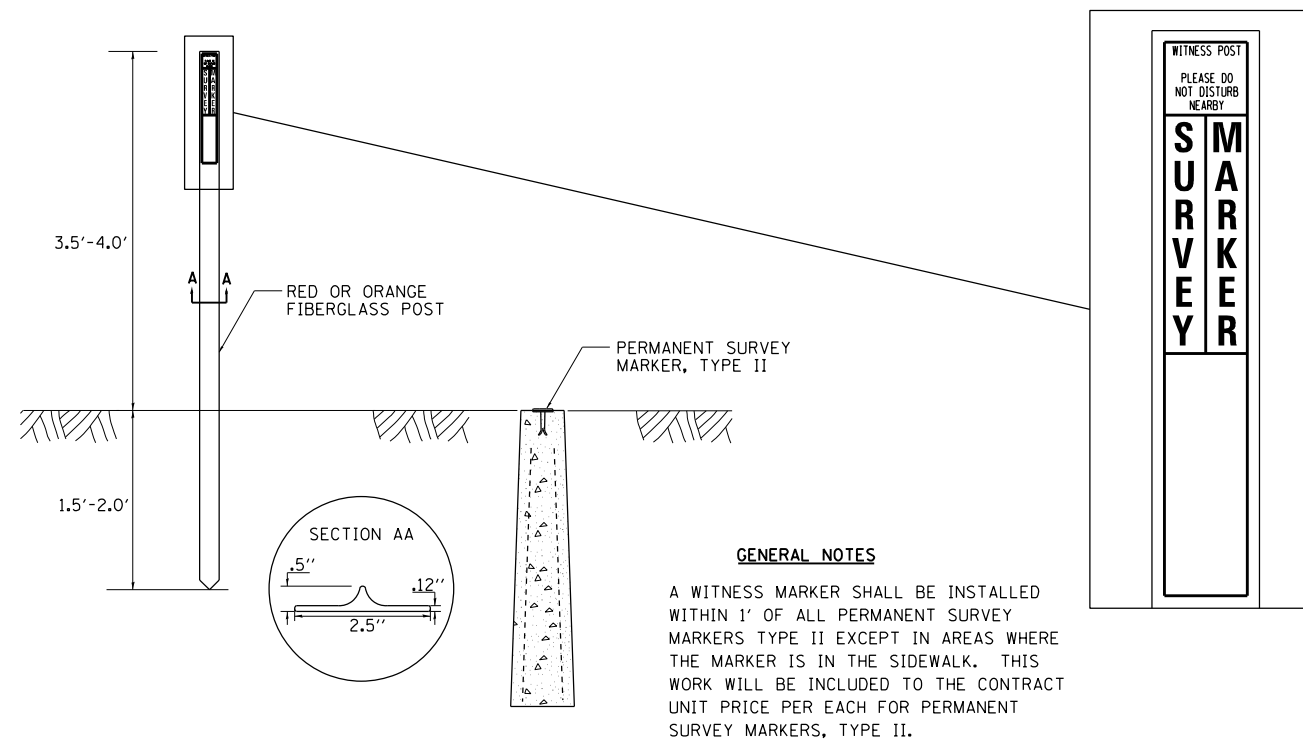
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	88
CONTRACT NO. 64H06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLOT DATE = Mon-15-2017 07:53:16 AM

PERMANENT SURVEY MARKERS, TYPE II



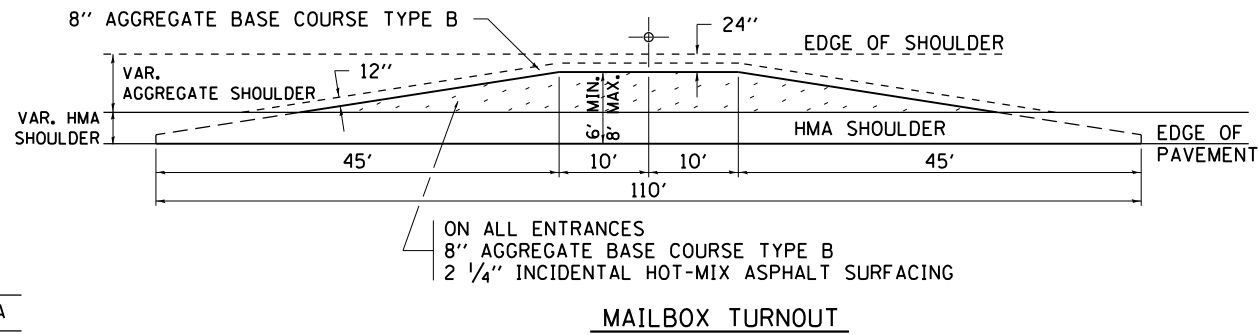
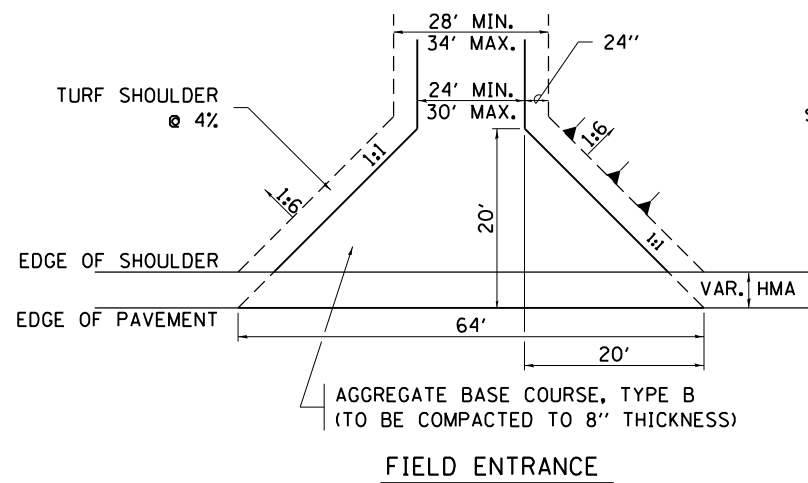
WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



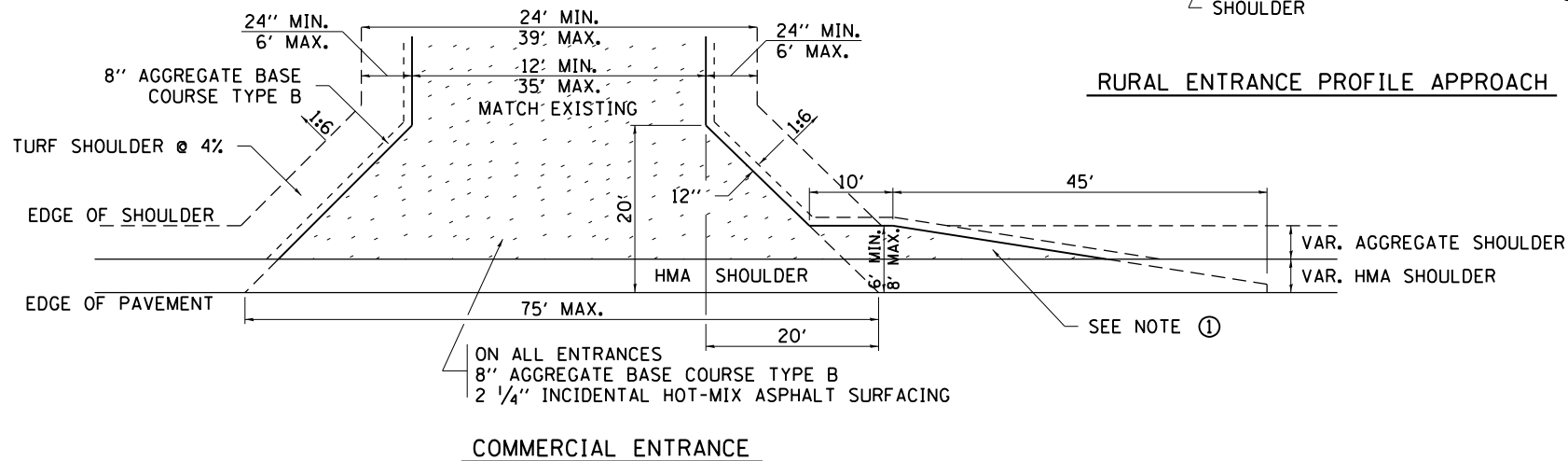
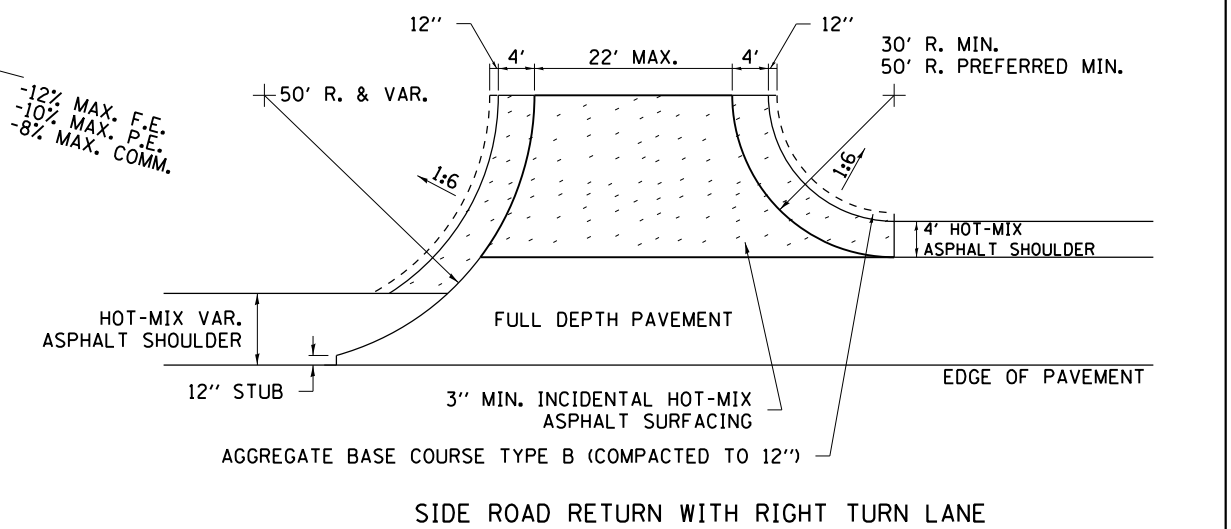
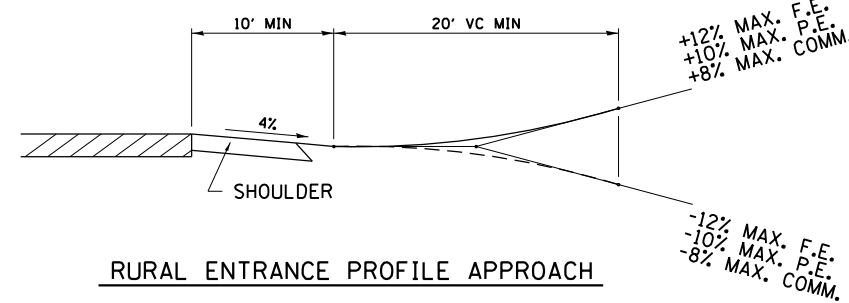
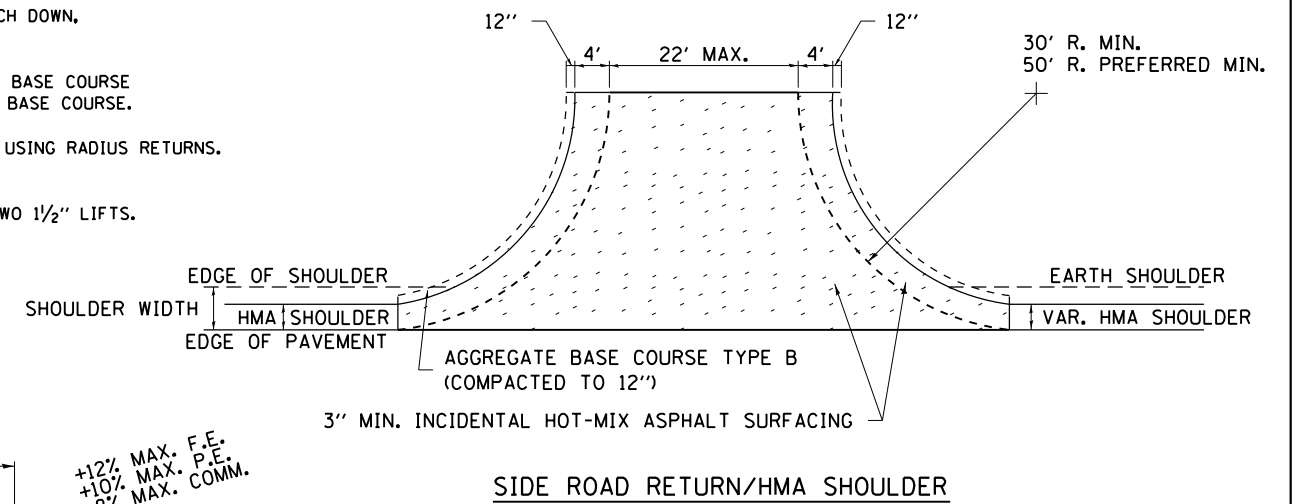
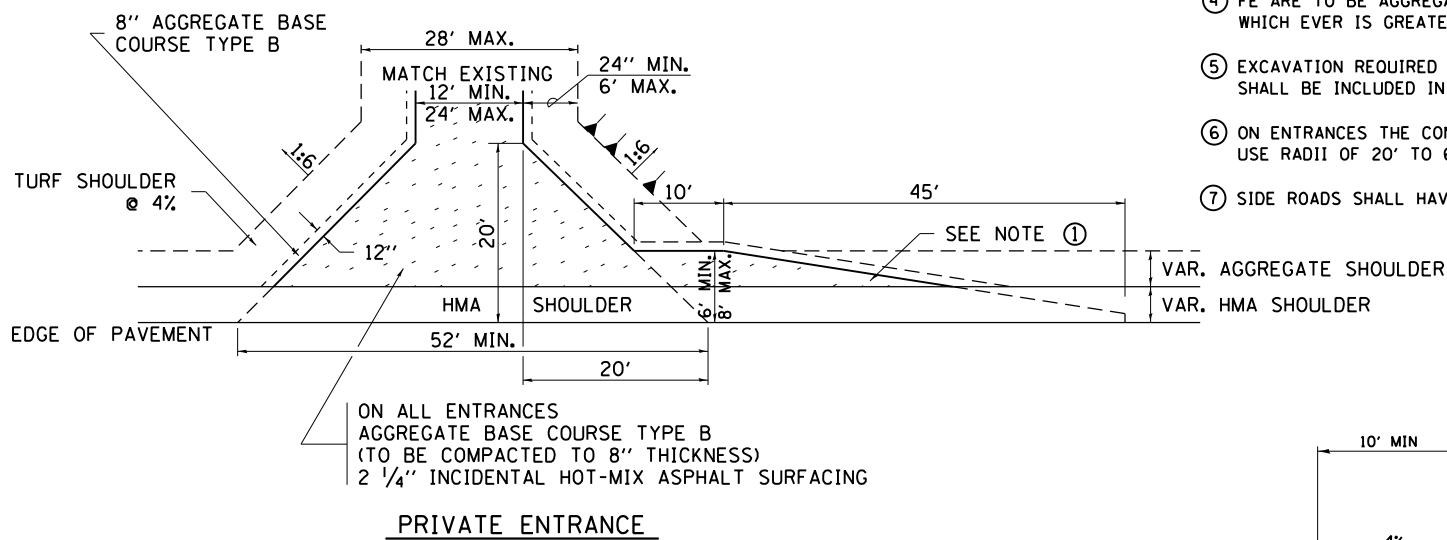
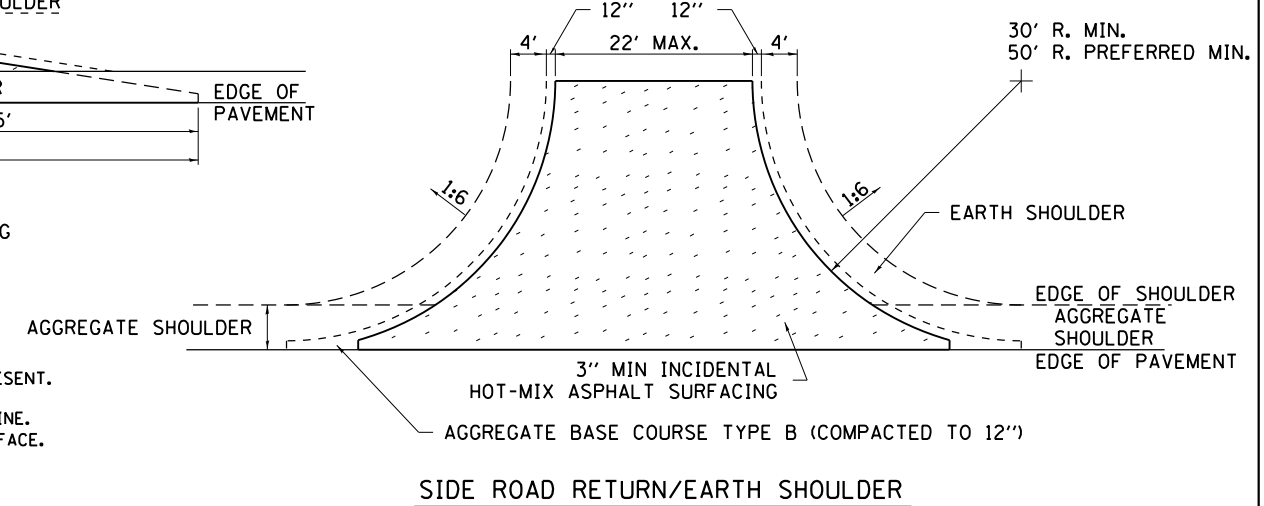
REVISED - 6-27-14
REVISED - 10-14-11

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		553	(119.120)RS-5	OGLE	97	89
REVISED -		CONTRACT NO. 64H06				
REVISED -		SCALE: 100.0000' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.

HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS



- NOTE**
- TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
 - ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
 - ALL PE & CE TO BE CONSTRUCTED WITH AN 8" AGGREGATE BASE COURSE, TYPE B AND WITH A 2 1/4" INCIDENTAL HOT-MIX ASPHALT SURFACING, UNLESS OTHERWISE NOTED.
 - FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
 - EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
 - ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.
 - SIDE ROADS SHALL HAVE 3" INCIDENTAL PLACED IN TWO 1 1/2" LIFTS.



FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 1-13-17
p:\11\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2020\DRAWING\CD\Sheets\20201111-sht-cvr.dgn		CHECKED -	REVISED - 6-27-14
		DATE -	REVISED - 8-27-13
			REVISED - 12-07-10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

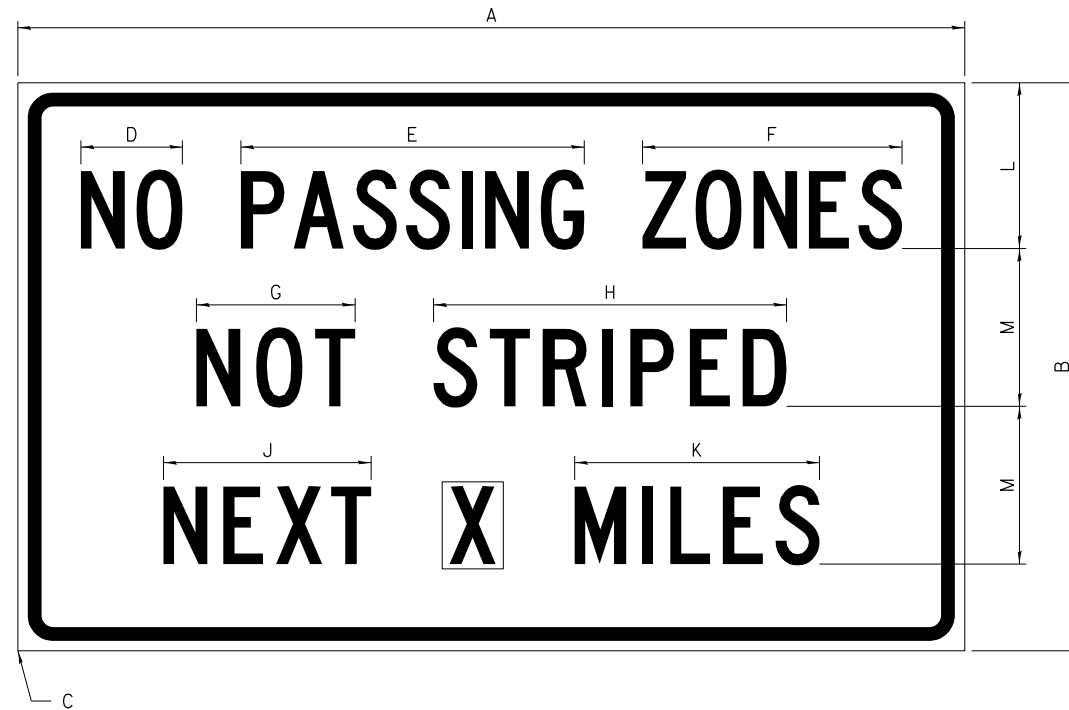
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	90
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64H06	

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



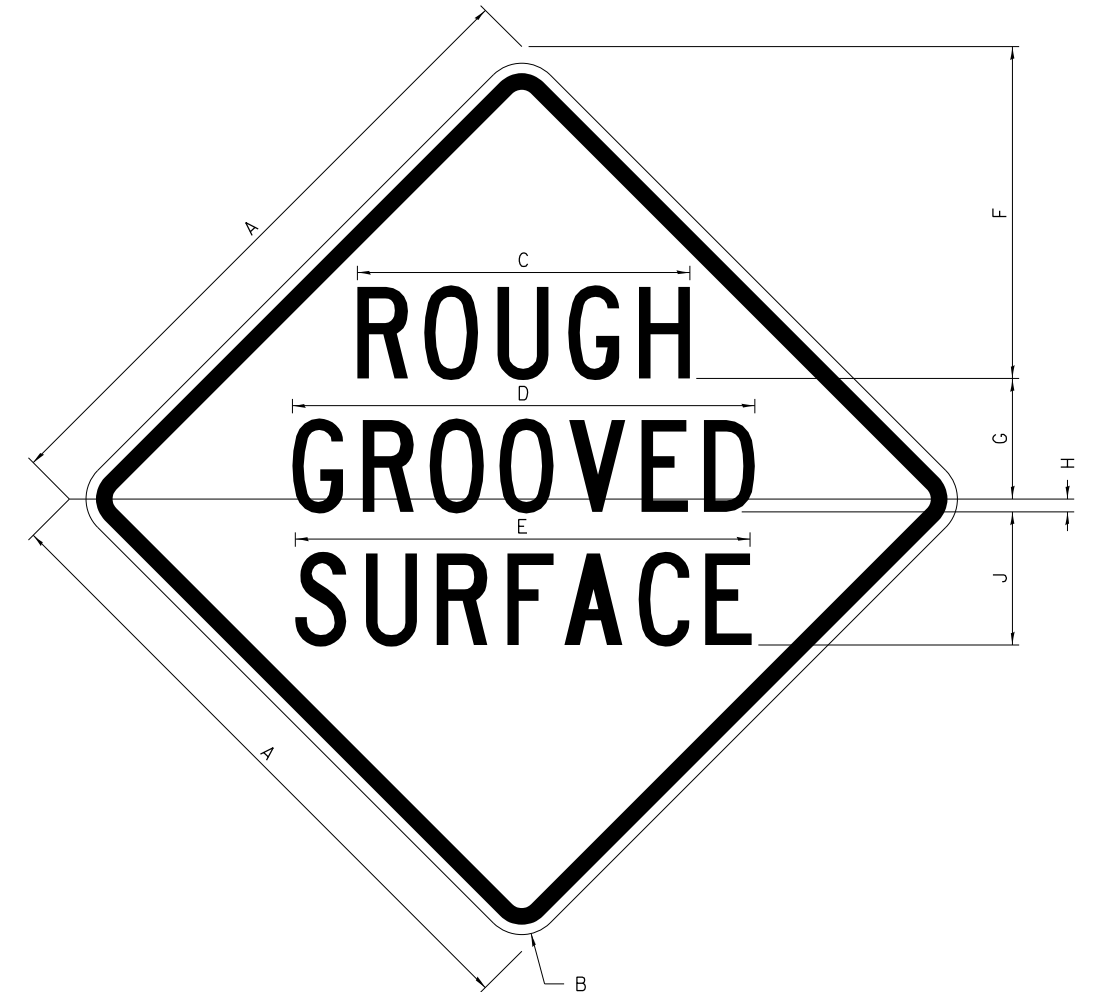
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

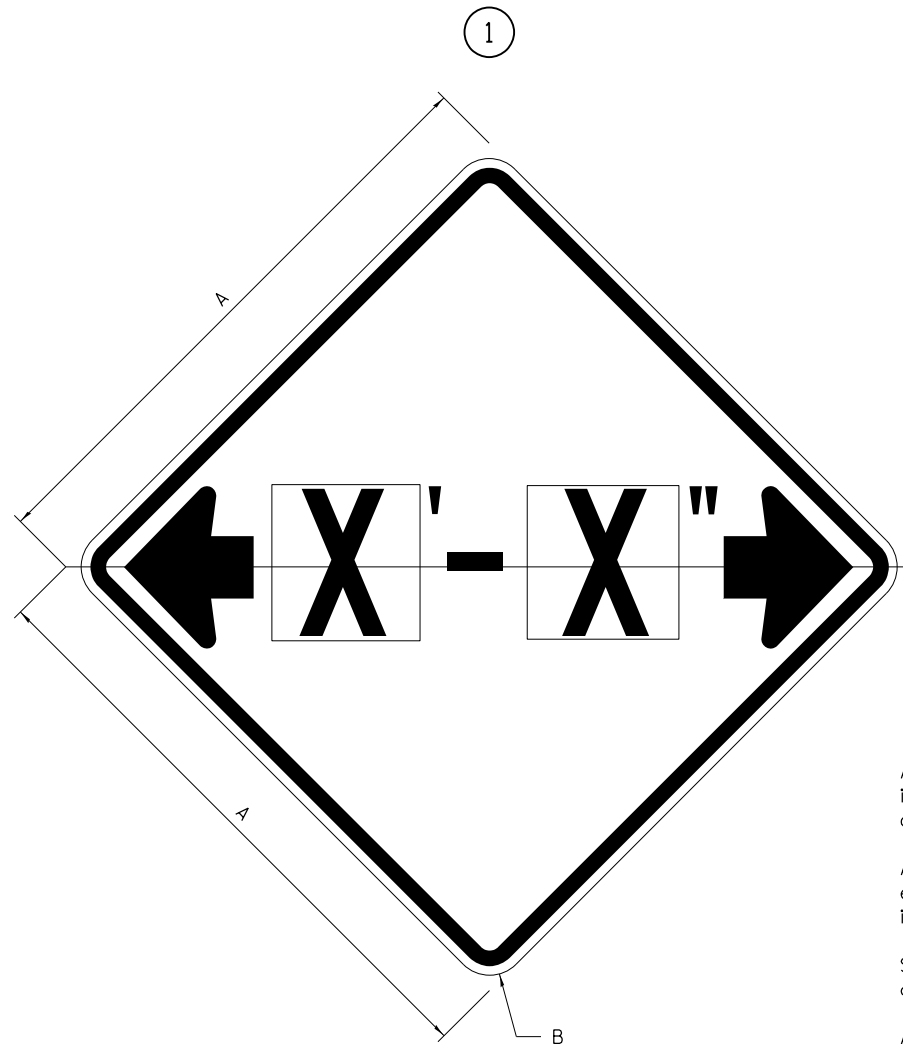
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

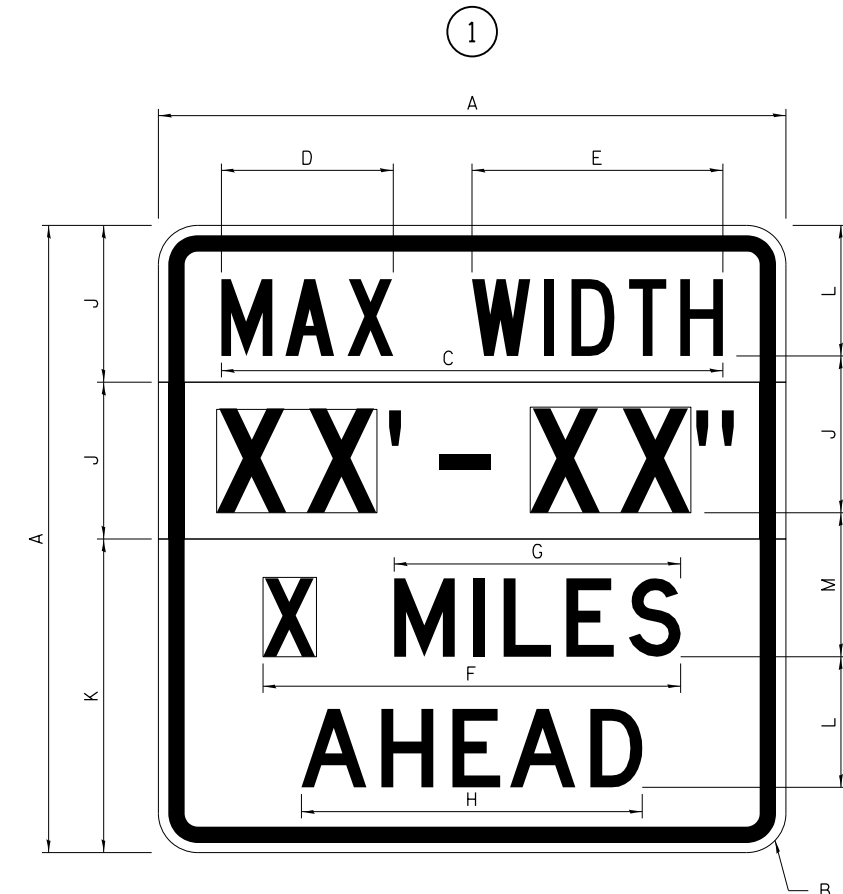
FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\020711\DRAWING\CA0\Sheets\0207111-sht-cvr.dgn		CHECKED -	REVISED -			553	(119.120)RS-5	OGLE	97	91
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -			CONTRACT NO. 64H06				
PLOT DATE = Mar-15-2017 07:54:07 AM						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



ILLINOIS STANDARD W12-I103



GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

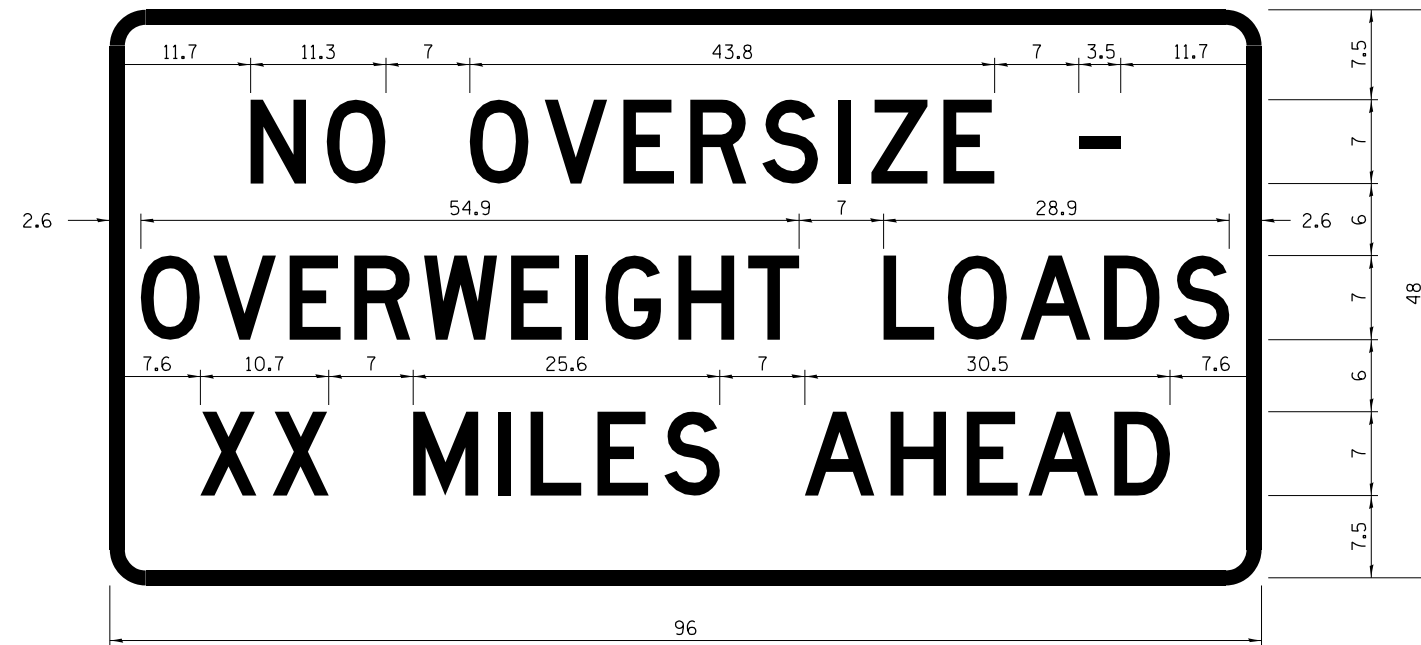
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\020711\DRAWING\CAD\Sheets\0207111-sht-cvr.dgn	DRAWN	CHECKED -	REVISED -					553	(119.120)RS-5	OGLE	97	92
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 64H06				
PLOT DATE = Mar-15-2017 07:54:30 AM	DATE -	REVISED -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border; [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D; Table of letter and object lefts.

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

Sign not to scale

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

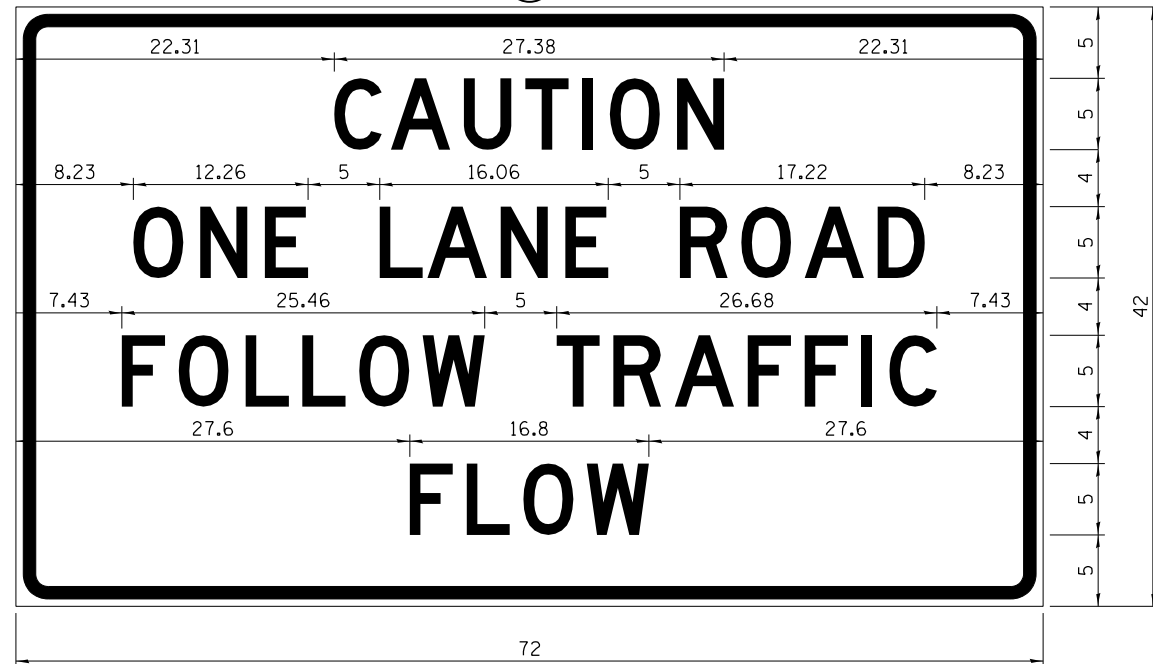
Sign not to scale

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\02071111\Drawings\CAD\Sheets\02071111-sht-cvr.dgn		CHECKED -	REVISED -			553	(119.120)RS-5	OGLE	97	93
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -			CONTRACT NO. 64H06				
PLOT DATE = Mar-15-2017 07:54:44 AM						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

② This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

Sign not to scale

GENERAL NOTES

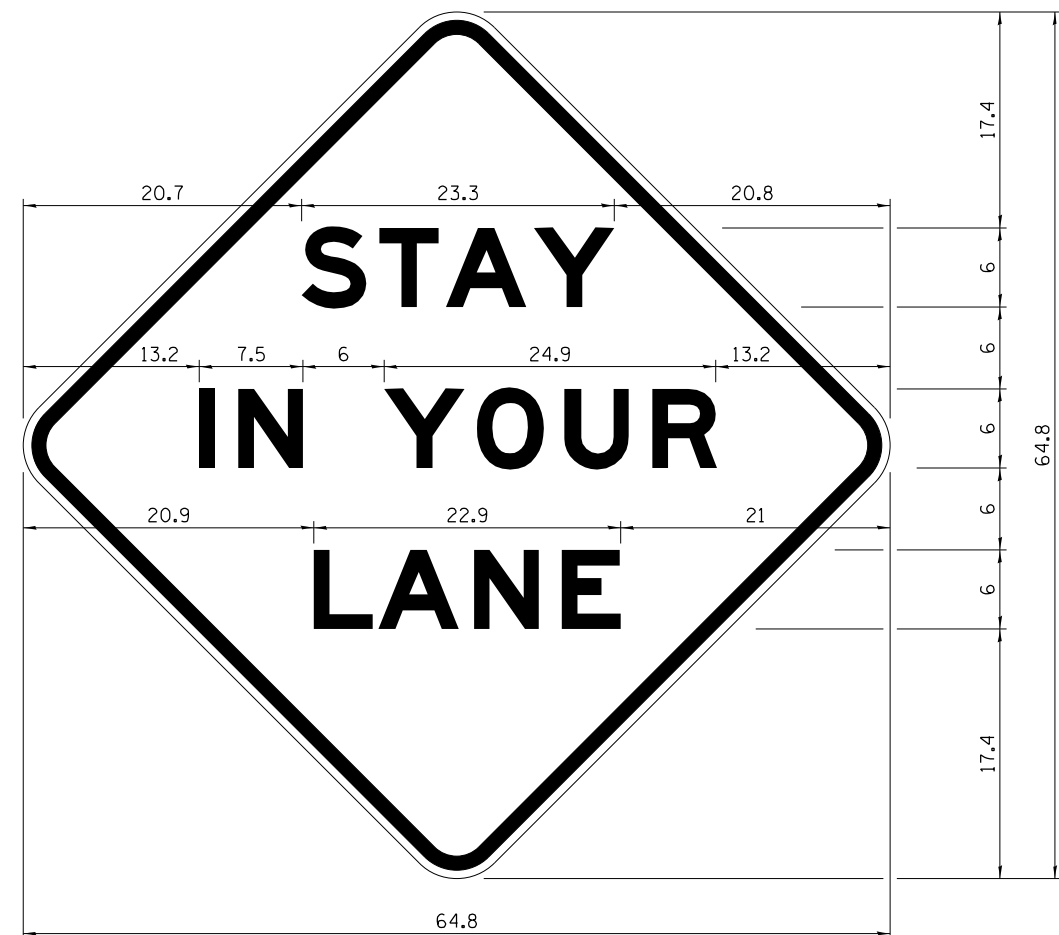
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

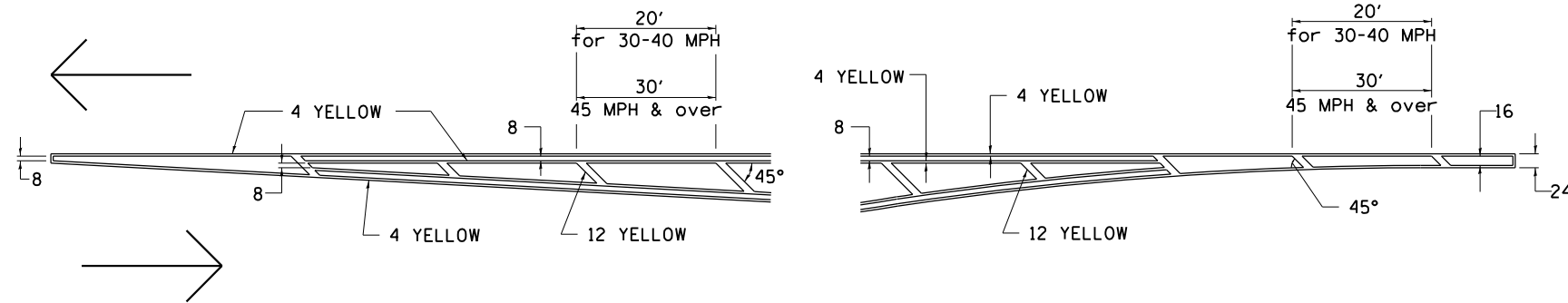
L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

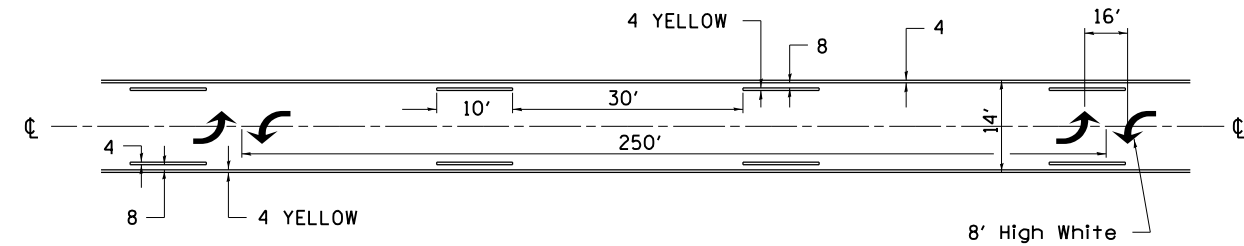
FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\11\084EBID\INTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2020\DRAWING\DATA\CAD\Sheets\207111-sht-cvr.dgn	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			553	(119.120)RS-5	OGLE	97	94	
PLOT DATE = Mar-15-2017 07:54:57 AM	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
										CONTRACT NO. 64H06	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

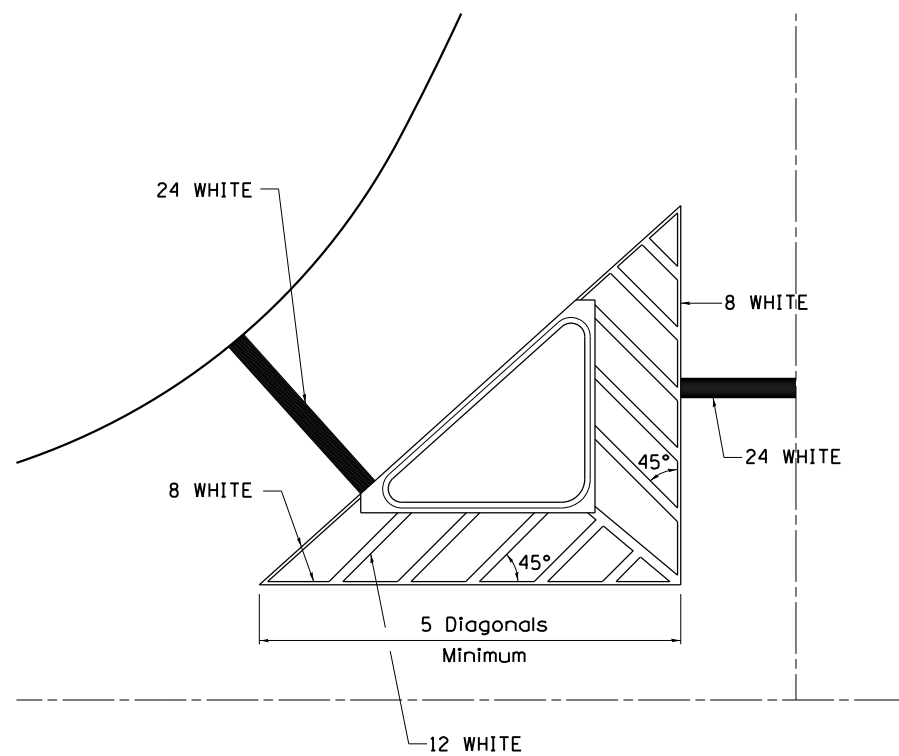


MEDIAN PAVEMENT MARKING



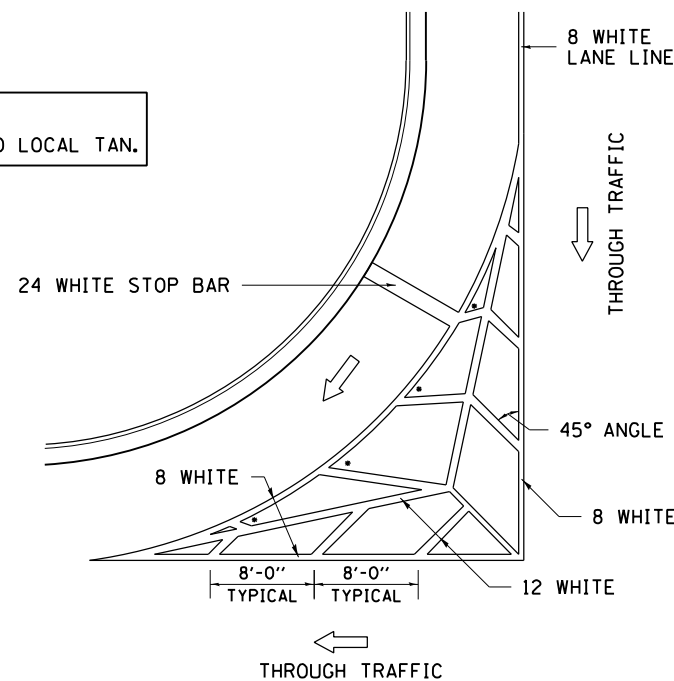
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



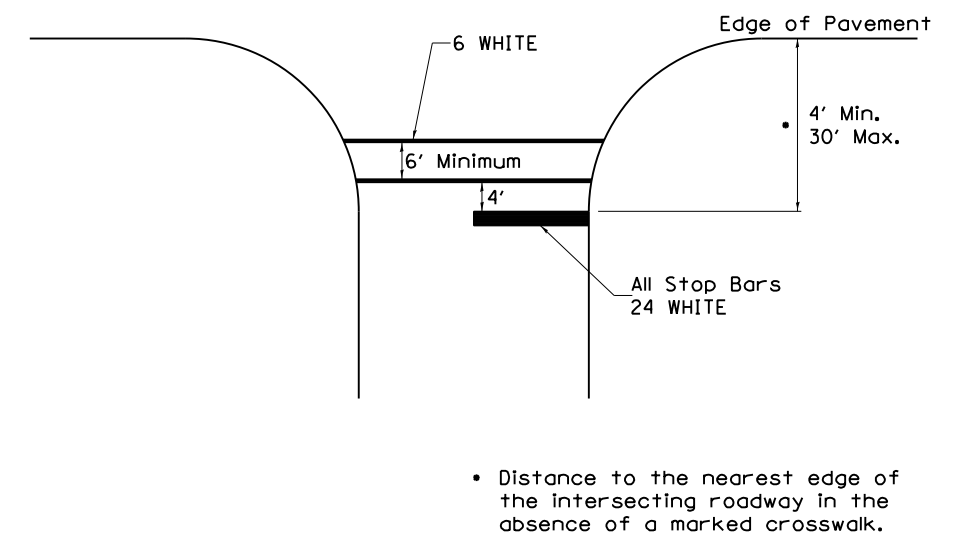
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

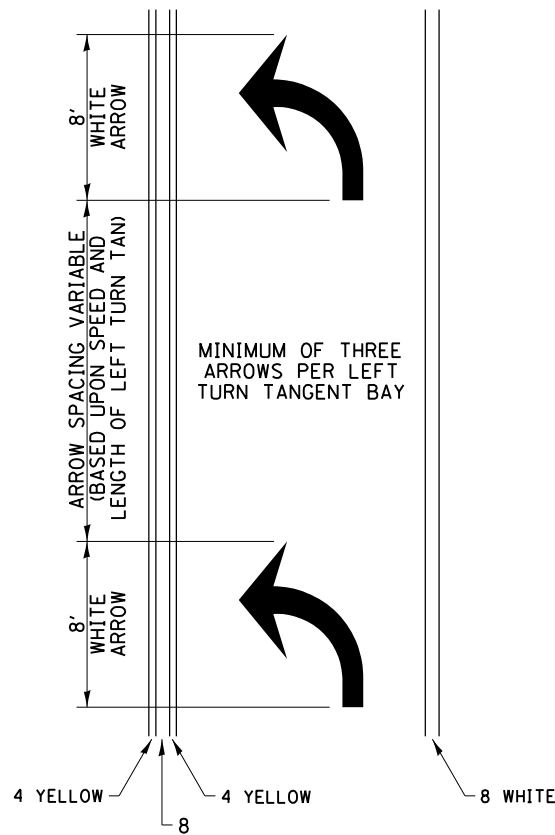


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\02071111\Drawings\CAD\Sheets\02071111-sht-cvr.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 3-05-12					553	(119.120)RS-5	OGLE	97	95
PLOT DATE = Mar-15-2017 07:55:12 AM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 64H06			
									FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

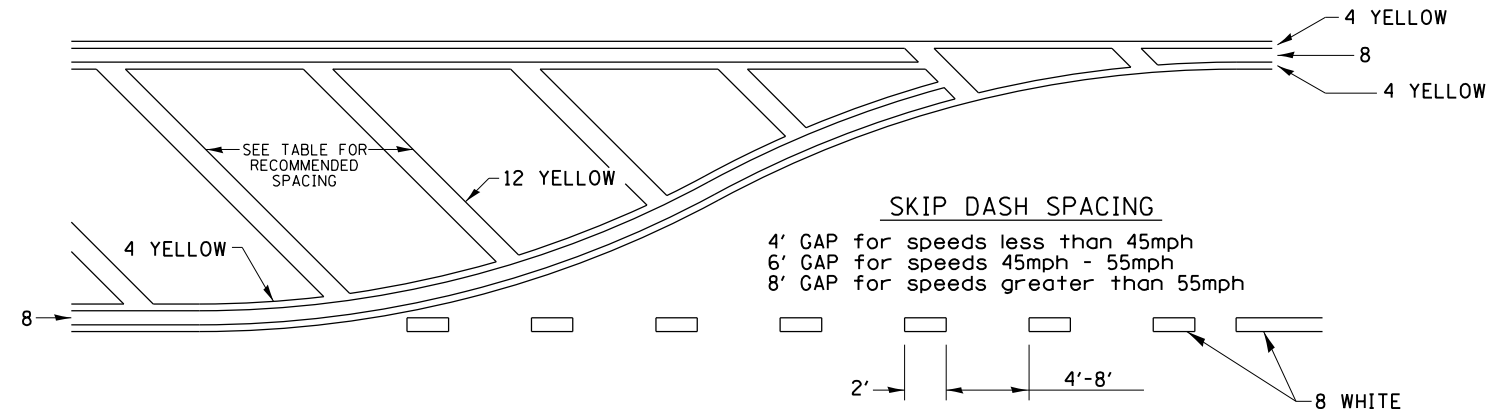
ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

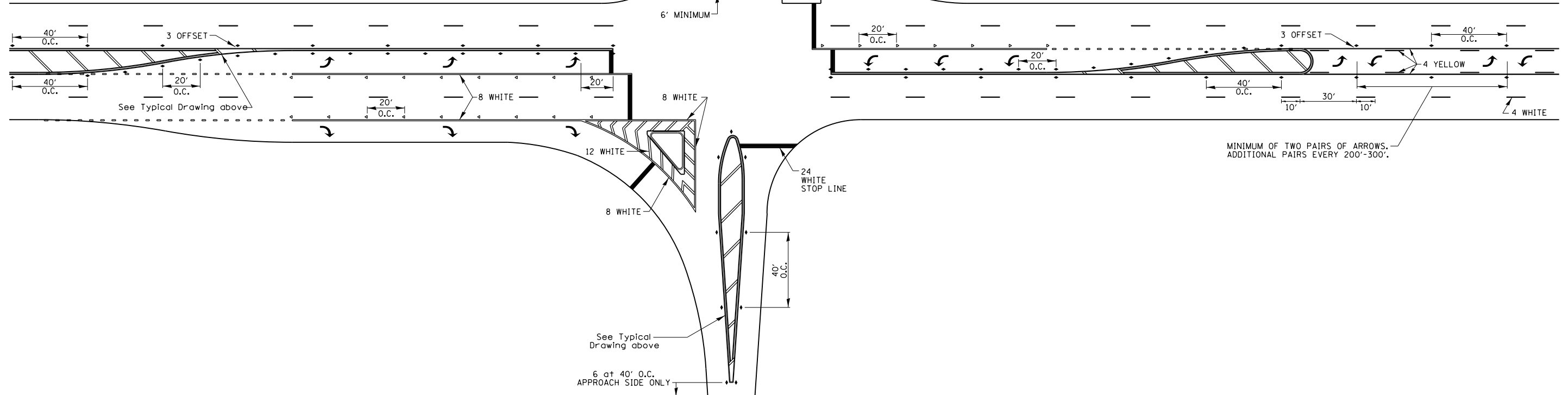
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 6-27-14
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2020\Drawings\CAD\Sheets\20201111-sht-cvr.dgn		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = Mar-15-2017 07:55:29 AM	DATE -	REVISED -

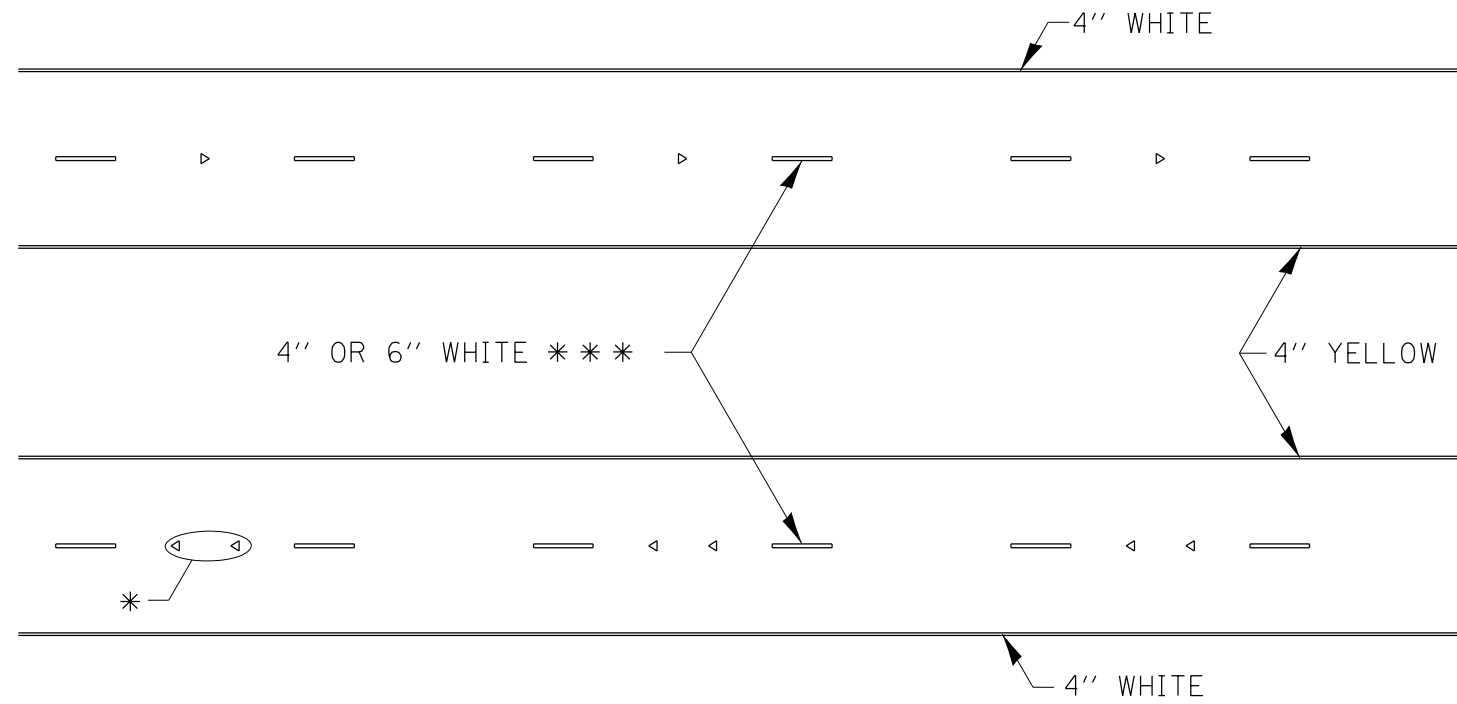
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

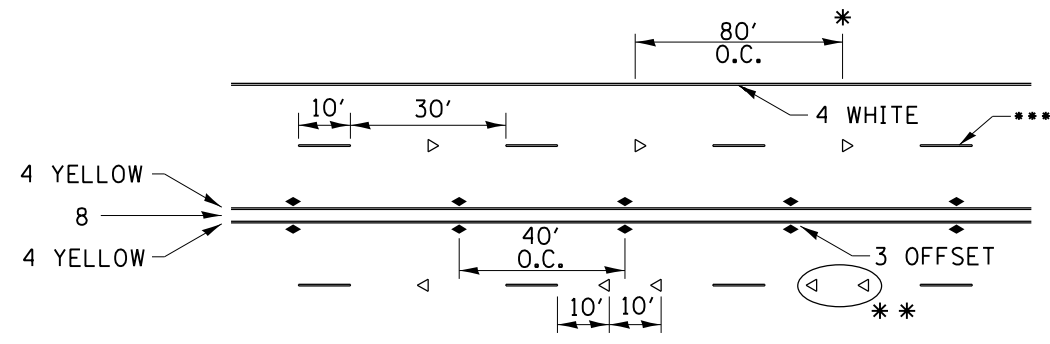
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	(119.120)RS-5	OGLE	97	96
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64H06	

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT > 20,000.

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

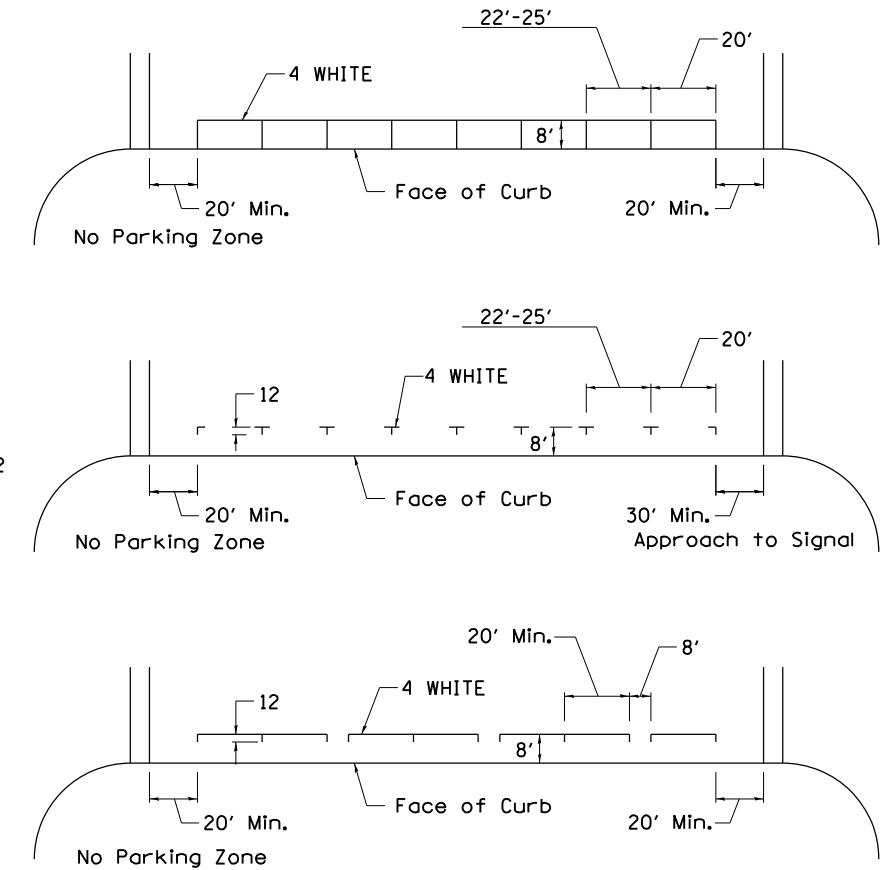
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

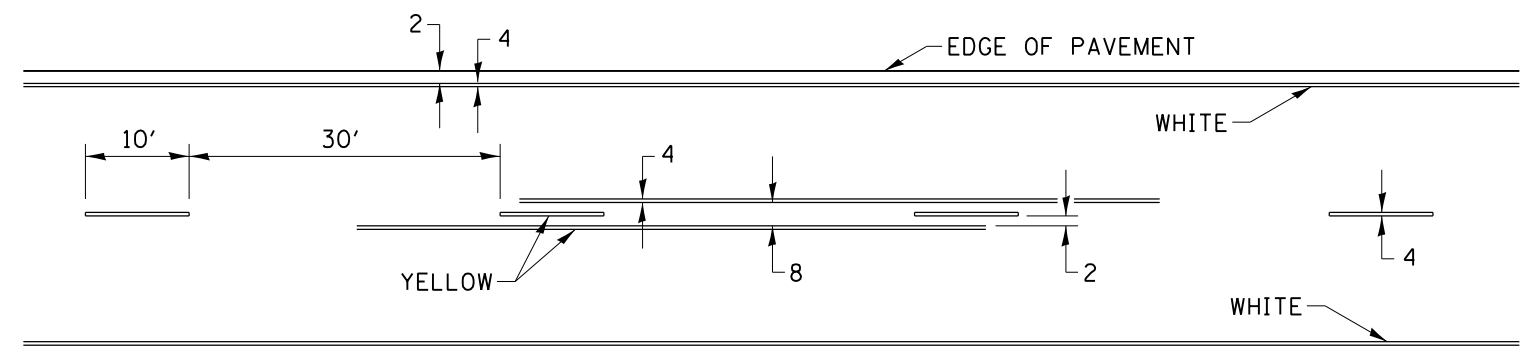
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

FILE NAME =	USER NAME = FASSLERMJ	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\02071\Drawings\CAD\Sheets\0207111-sht-cvr.dgn	DRAWN	REVISED - 8-27-13	REVISED - 11-28-12					553	(119.120)RS-5	OGLE	97	97
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 64H06							
PLOT DATE = Mar-15-2017 07:55:43 AM	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							