

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	1
ILLINOIS			CONTRACT NO. 64J37	

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

**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 88 (I-88)  
SECTION (195-1)RS-1  
PROJECT N497-0088(021)  
MILLING AND RESURFACING  
SAND RD TO 0.6 MILES WEST OF IL 78  
WHITESIDE COUNTY

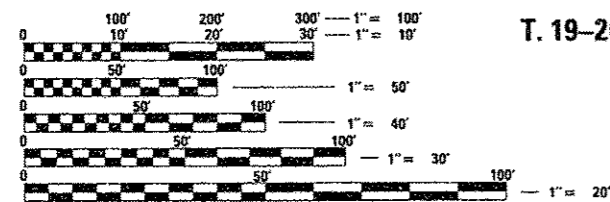
C-92-005-15

PROJECT ENDS  
STA 1334 + 33.40

**BRIDGE OMISSIONS**

- EB STA 1188 + 58 - STA 1190 + 93
- EB STA 1257 + 56 - STA 1260 + 04
- EB STA 1270 + 54 - STA 1272 + 29
- WB STA 1188 + 94 - STA 1191 + 29
- WB STA 1256 + 75 - STA 1259 + 23
- WB STA 1270 + 91 - STA 1272 + 65

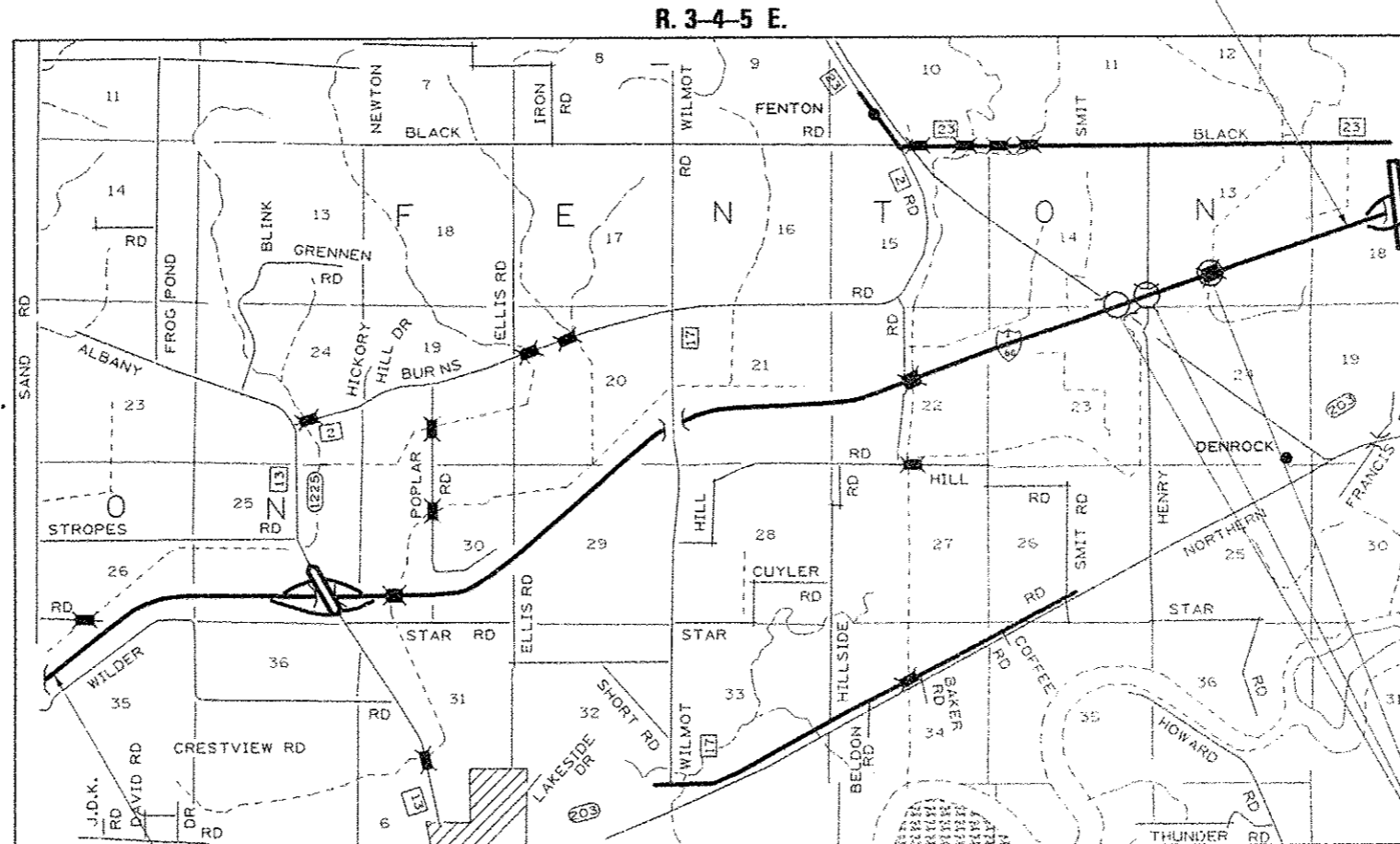
NEWTON TOWNSHIP : SECTIONS 25, 26, & 35  
FENTON TOWNSHIP : SECTIONS 13, 14, 20, 21, 22, 23, 29, & 30  
LYNDON TOWNSHIP : SECTION 18



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

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

PROJECT ENGINEER: STEVE ROBERY  
PROJECT MANAGER: TRACI DUDEN (815-284-5932)  
EMAIL: TRACI.DUDEN@ILLINOIS.GOV  
CONTRACT NO. 64J37

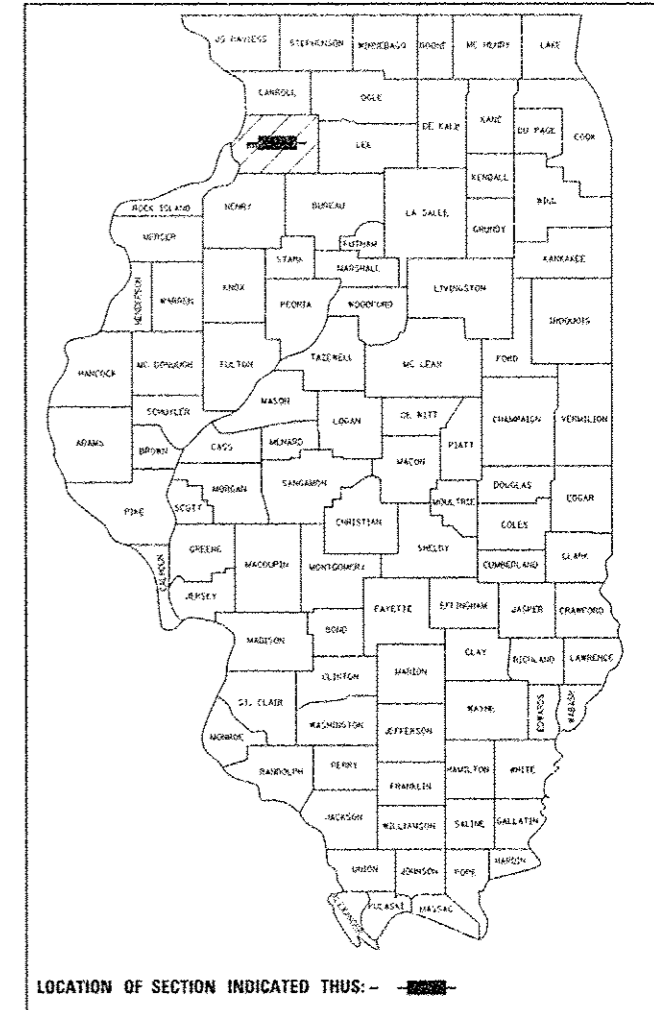


PROJECT BEGINS  
STA 876 + 43.70

GROSS LENGTH = 45789.70 FT. = 8.67 MILE  
NET LENGTH = 45131.70 FT. = 8.55 MILE

BRIDGE OMISSIONS

D-92-013-13



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SUBMITTED 3-28-2017  
Kevin Marchetti REGIONAL ENGINEER  
May 12 2017  
Maureen M. Addis, PE ENGINEER OF DESIGN AND ENVIRONMENT  
May 12 2017  
Annelise Allen 2 DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS  
DISTRICT 2, DIXON

# INDEX OF SHEETS & HIGHWAY STANDARDS

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## HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
406001-06	ENTRANCE RAMP TERMINAL
406101-05	EXIT RAMP TERMINAL
420001-08	PAVEMENT JOINTS
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
482011-03	HMA SHLD STRIPS/SHLDS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE DRAIN
604001-04	FRAME AND LIDS TYPE 1
606101-05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
630001-11	STEEL PLATE BEEN GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN
667101-02	PERMANENT SURVEY MARKERS
701011-05	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-10	LANE CLOSURE FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701456-04	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-06	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR ONTING DETAILS

# 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. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

The topsoil excavation quantities have been adjusted to allow for 25% shrinkage of topsoil between removal and replacement.

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 1A. 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.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SEEDING or SODDING.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

All "Aggregate Subgrade Improvement" (Section 303), shall be completed in accordance with Articles 311.04, 311.05, 311.05(a), 311.06 and 311.07. All aggregate subgrade thicknesses equal to or less than 12 inches shall be constructed of aggregate of CA02 gradation. All aggregate subgrade thicknesses greater than 12 inches shall be constructed of CS02.

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.

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.

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:

Mixture Uses(s):	Resurfacing			Shoulders	
	Surface	Leveling Binder	Binder	Top Lift	All Lower Lifts
PG:	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22
Design Air Voids	4.0 @ N90	4.0 @ N90	4.0 @ N90	4.0 @ N50	4.0 @ N50
Composition (Gradation Mixture)	IL 9.5	IL 9.5 FG	IL 19.0	IL 9.5,	IL 19.0
Friction Aggregate	D	N/A	N/A	C	N/A
20 Year ESAL	15.1	15.1	15.1	N/A	N/A
Mix Unit Weight	112 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in
Management Program to be Used	PFP	QC/QA	PFP	QC/QA	QC/QA
Sublot Tonnage	1000 ton	1000 ton			

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 or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

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. All costs associated with pulling up the shoulders shall be considered included in the contract unit price per Ton for HOT-MIX ASPHALT SURFACE COURSE of the type specified.

On full depth pavement, shoulder widths of 6 ft. or less may be placed, at the Contractor's option, simultaneously with the adjacent traffic lane for both the binder and surface courses, provided the cross slope of both the pavement and shoulder can be satisfactorily obtained. The shoulder will be paid for at the contract unit price per Square Yard for HOT-MIX ASPHALT SHOULDERS of the thickness specified on the plans.

Install rumble strips in all shoulders in accordance with Highway Standard 642001-02 Rumble Strips shall be placed on shoulders on both sides of the pavement.

Barrier Wall Reflectors Type B shall be installed on the top of bridge parapet walls. The markers, the color, and the spacing shall be according to Standard 782006, except the minimum is 2 per side.

The aggregate shall be removed from the unauthorized crossover at Sta. 1110 + 99 from edge of shoulder to edge of shoulder. The material necessary to backfill the median shall be obtained from Earth Excavation and shall be included in the contract unit price for GRADING AND SHAPING DITCHES.

Connecting bands for corrugated metal pipes shall be metal and shall be coated with the same material as the pipe sections. The connecting bands shall be a minimum of 18" wide.

The cost of making pipe underdrain connections to the slotted drain shall be included in the various contract unit prices for PIPE UNDERDRAINS TY 2.6".

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for (pick one) Furnished Excavation, Earth Excavation, or Borrow Excavation.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

FILE NAME = 64J37.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -			FAI 88 (1-88)	(195-1)RS-1	Whiteside	140	3
	PLOT DATE = 3/28/2017 9:24 AM	CHECKED -	REVISED -					CONTRACT NO. 64J37		
		DATE - 3/21/2017 10:09 AM	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT

# GENERAL NOTES

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

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 each for DELINEATORS.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

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

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 4 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2, or another option 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.

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

The barrier unit at each end shall be anchored as specified in Article 704.04. All anchoring and pinning holes shall be core drilled.

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.

Excess trees cannot be planted along I-88 project limits and shall be planted at alternative locations in Whiteside County as determined by the District Management Specialist.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 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:

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

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 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.

Relocate Temporary Impact Attenuators shall include storage and transportation to and from storage, when the device is not needed for a time, as shown on the staging plans. This shall be included in the contract unit price per Each for IMPACT ATTENUATORS, RELOCATE of the type specified.

When Relocate Temporary Concrete Barrier is specified, the wall shall be removed, storage and transportation to and from storage, when the wall is not needed for a time as shown on the staging plans, relocated and reinstated at the new location. The reinstallation requirements shall be the same as those for a new installation. This shall be paid for at the contract unit price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

FILE NAME = 64.07.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -			FA 88 (I-88)	(195-1)RS-1	Whiteside	140	4
	PLOT DATE = 3/29/2017 9:24 AM	CHECKED -	REVISED -			CONTRACT NO. 64J37				
	DATE = 3/21/2017 10:09 AM	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.



# SUMMARY OF QUANTITIES

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITIES	WHITESIDE 90% FEDERAL 10% STATE ROADWAY RURAL 0005	WHITESIDE	WHITESIDE	WHITESIDE	WHITESIDE	WHITESIDE
					90% FEDERAL 10% STATE ALBANY RD SN 098-0057 RURAL 0021	90% FEDERAL 10% STATE WILMOT RD SN 098-0058 RURAL 0021	90% FEDERAL 10% STATE ROCK CREEK SN 098-0059&0060 RURAL 0021	90% FEDERAL 10% STATE B N RR SN 098-0061&0062 RURAL 0021	90% FEDERAL 10% STATE HENERY RD SN 098-0063 & 0064 RURAL 0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	63	63					
20200100	EARTH EXCAVATION	CU YD	8,306	8,306					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	13,068	13,068					
21400100	GRADING AND SHAPING DITCHES	FOOT	72	72					
25000110	SEEDING, CLASS 1A	ACRE	2.75	2.75					
25100115	MULCH, METHOD 2	ACRE	2.75	2.75					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	13,565	13,565					
31200100	STABILIZED SUBBASE 4"	SO YD	15,292	15,292					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	503	503					
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	254,981	254,981					
40600745	POLYMERIZED LEVELING BINDER (HAND METHOD), N90	TON	177	177					
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	1,798	1,798					
40600990	TEMPORARY RAMP	SO YD	294	294					
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19 .0, N90	TON	29,008	29,008					
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	12,934	12,934					
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	21,496	21,496					
42100100	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 8"	SO YD	8,111	8,111					
42100615	PAVEMENT REINFORCEMENT	SO YD	8,111	8,111					

• SPECIALTY ITEMS

# SUMMARY OF QUANTITIES

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44000100	PAVEMENT REMOVAL	SQ YD	4,875	4,875					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	14,740	14,740					
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	390,530	390,530					
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	548	548					
44002215	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4"	SQ YD	4,139	4,139					
44004250	PAVED SHOULDER REMOVAL	SQ YD	5,254	5,254					
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	2,427	2,427					
44200581	CLASS A PATCHES, TYPE III, 12 INCH	SQ YD	53	53					
44200583	CLASS A PATCHES, TYPE IV, 12 INCH	SQ YD	181	181					
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	548	548					
44201299	DOWEL BARS 1 1/2"	EACH	528	528					
44213000	PATCHING REINFORCEMENT	SQ YD	2,662	2,662					
44213200	SAW CUTS	FOOT	21,048	21,048					
44213204	TIE BARS 3/4"	EACH	60	60					
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SQ YD	1,158	1,158					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	12,892	12,892					
48203006	HOT-MIX ASPHALT SHOULDERS 2 1/4"	SQ YD	150,377	150,377					
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	2,953	2,953					

• SPECIALTY ITEMS

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PH:\IL09\EBID\INTEG\illinois.gov\PI\001\Documents\1007 Offices\District 2\Projects\2013\016\006\State\GAD\Sheets\0201313-shr-cover.dwg		REVISOR -	REVISION -			88	1195-URS-1	WHITESIDE	140	6	
PLOT SCALE = 100.0000 "/ in.	CHECKED -	REVISOR -	REVISION -			CONTRACT NO. 64J37					
Default	PLOT DATE = 3/28/2017	DATE -	REVISION -			ILLINOIS FED. AID PROJECT					

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50102400	CONCRETE REMOVAL	CU YD	62.0		0.4	0.3	22.7	24.1	14.5
50104000	BRIDGE RAIL REMOVAL	FOOT	3,004		583	556	692	734	439
50300255	CONCRETE SUPERSTRUCTURE	CU YD	124.3		13.2	12.5	36.5	38.9	23.2
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	19,380		3,120	3,300	5,000	4,790	3,170
52100400	STEEL BEARING ASSEMBLY	EACH	24				8	8	8
52100520	ANCHOR BOLTS, 1"	EACH	96				32	32	32
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	14	14					
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	7,309	7,309					
60262900	INLETS TO BE RECONSTRUCTED WITH TYPE 1 FRAME, OPEN LID	EACH	24	24					
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.58	5.58					
• 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	7,581.5	7,581.5					
• 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1					
• 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	19	19					
• 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	8					
• 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	6	6					
63200310	GUARDRAIL REMOVAL	FOOT	8,544	8,544					
63500105	DELINEATORS	EACH	78	78					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	186,499	186,499					

• SPECIALTY ITEMS

# SUMMARY OF QUANTITIES

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITIES	WHITESIDE 90% FEDERAL 10% STATE ROADWAY RURAL 0005	WHITESIDE	WHITESIDE	WHITESIDE	WHITESIDE	WHITESIDE
					90% FEDERAL 10% STATE ALBANY RD SN 098-0057 RURAL 0021	90% FEDERAL 10% STATE WILMOT RD SN 098-0058 RURAL 0021	90% FEDERAL 10% STATE ROCK CREEK SN 098-0059&0060 RURAL 0021	90% FEDERAL 10% STATE B N RR SN 098-0061&0062 RURAL 0021	90% FEDERAL 10% STATE HENERY RD SN 098-0063 & 0064 RURAL 0021
• 66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	4	4					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15					
67100100	MOBILIZATION	L SUM	1	1					
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	6	6					
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1					
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1					
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30					
• X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	365	365					
• 70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	86,320	86,320					
• 70400100	TEMPORARY CONCRETE BARRIER	FOOT	5,437.5	5,437.5					
• 70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	5,325	5,325					
• 70600250	IMPACT ATTENUATOR (NON-REDIRECTIVE), TEST LEVEL 3	EACH	9	9					
• 70600350	IMPACT ATTENUATOR, RELOCATE, (NON-REDIRECTIVE), TEST LEVEL 3	EACH	9	9					
• 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	14	14					

• SPECIALTY ITEMS

FILE NAME :	USER NAME : goffj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pm\11084EBID\INTEG\11\trns.gov\PH007\00	Documents\1007 Offices\District 2\Projects\P20	3DR\DATA\GA0\Sheets\0281313-alt-cover.d	REVISED -			88	(195-1RS-1)	WHITESIDE	140	8	
Default	PLOT SCALE * 100.0000' / in.	CHECKED -	REVISED -			SCALE:		SHEET OF SHEETS STA.		TO STA.	
	PLOT DATE * 3/20/2017	DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

REV

# SUMMARY OF QUANTITIES

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITIES	WHITESIDE 90% FEDERAL 10% STATE ROADWAY RURAL 0005					
				ALBANY RD SN 098-0057	WILMOT RD SN 098-0058	ROCK CREEK SN 098-0059&0060	B N RR SN 098-0061&0062	HENERY RD SN 098-0063 & 0064	
78008310	POLYUREA PAVEMENT MARKING TYPE II- LINE 4"	FOOT	196,713	196,713					
78008330	POLYUREA PAVEMENT MARKING TYPE II- LINE 6"	FOOT	22,894	22,894					
78008340	POLYUREA PAVEMENT MARKING TYPE II- LINE 8"	FOOT	325	325					
78008350	POLYUREA PAVEMENT MARKING TYPE II- LINE 12"	FOOT	246	246					
78008370	POLYUREA PAVEMENT MARKING TYPE II- LINE 24"	FOOT	60	60					
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,347	1,347					
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	112	112					
78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	78	78					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,000	1,000					
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	24			8	8	8	
Z0008758	AERIAL SPEED CHECK MARKING	FOOT	144	144					
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	186,499	186,499					
Z0034105	MATERIAL TRANSFER DEVICE	TON	65,237	65,237					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1					
Z0065745	SLOTTED DRAIN 12" WITH 2 1/2" SLOT	FOOT	373	373					
20076600	TRAINERS	Hour	2,000	2,000					
A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	4	4					
20076609	TRAINERS - TRAINING PROGRAM GRADUATE	Hour	2,000	2,000					
A2000114	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	4	4					

• SPECIALTY ITEMS *0042*

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
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Default	PLOT DATE = 3/28/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	1195-1RS-1	WHITESIDE	140	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64J37	

*REV*



# SUMMARY OF QUANTITIES

12  
FILE ON WAY

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITIES	WHITESIDE	WHITESIDE	WHITESIDE	WHITESIDE	WHITESIDE	
				90% FEDERAL	90% FEDERAL	90% FEDERAL	90% FEDERAL	90% FEDERAL	
				10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				ROADWAY	ALBANY RD	WILMOT RD	ROCK CREEK SN	B N RR SN	HENERY RD
				RURAL	SN 098-0057	SN 098-0058	098-0059&0060	098-0061&0062	SN 098-0063 & 0064
				0005	RURAL	RURAL	RURAL	RURAL	RURAL
					0021	0021	0021	0021	0021
• X0320157	CLEANING UNDERDRAIN OUTLETS	EACH	350	350					
• X0327980	PAVEMENT MARKING REMOVAL-WATER BLASTING	SO FT	28,486	28,486					
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SO YD	4,698	4,698					
• X5017307	PROTECTIVE SHIELD, SPECIAL	SO YD	1,106		426	433		94	153
• X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	373	373					
X6300235	WOOD POSTS	EACH	27	27					
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1					
• X7830070	GROOVING FOR RECESSED PAVEMENT MARKINGS 5"	FOOT	196,713	196,713					
• X7830074	GROOVING FOR RECESSED PAVEMENT MARKINGS 7"	FOOT	22,894	22,894					
• X7830076	GROOVING FOR RECESSED PAVEMENT MARKINGS 9"	FOOT	325	325					
• X7830078	GROOVING FOR RECESSED PAVEMENT MARKINGS 13"	FOOT	246	246					
• X7830090	GROOVING FOR RECESSED PAVEMENT MARKINGS 25"	FOOT	60	60					

• SPECIALTY ITEMS

# TYPICAL SECTIONS

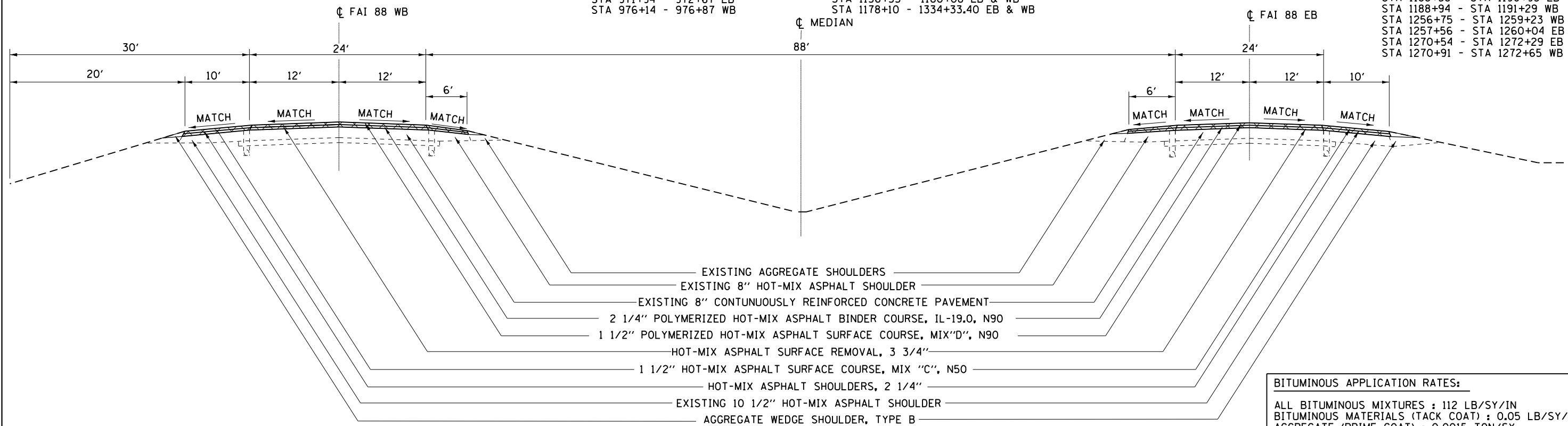
## INTERSTATE 88 - NORMAL SECTION

STA 876+43.70 - 903+11 EB & WB  
 STA 929+95 - 971+94 EB & WB  
 STA 971+94 - 972+67 EB  
 STA 976+14 - 976+87 WB

STA 976+87 - 994+28 EB & WB  
 STA 1049+33 - 1094+66 EB & WB  
 STA 1136+35 - 1160+08 EB & WB  
 STA 1178+10 - 1334+33.40 EB & WB

### NOTE: BRIDGE OMISSION

STA 1188+58 - STA 1190+93 EB  
 STA 1188+94 - STA 1191+29 WB  
 STA 1256+75 - STA 1259+23 WB  
 STA 1257+56 - STA 1260+04 EB  
 STA 1270+54 - STA 1272+29 EB  
 STA 1270+91 - STA 1272+65 WB



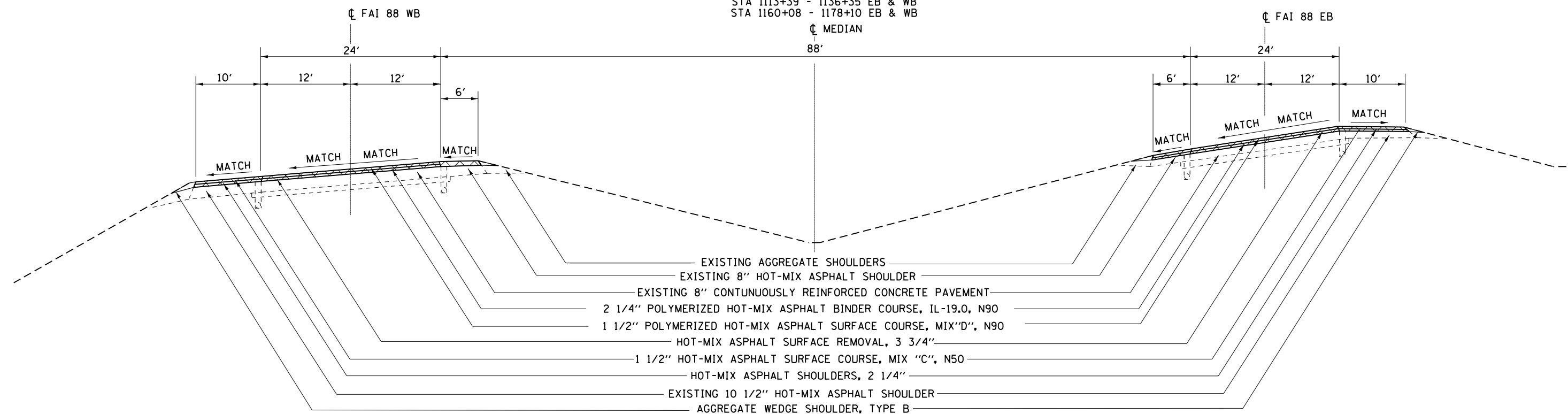
**BITUMINOUS APPLICATION RATES:**

ALL BITUMINOUS MIXTURES : 112 LB/SY/IN  
 BITUMINOUS MATERIALS (TACK COAT) : 0.05 LB/SY/FT  
 AGGREGATE (PRIME COAT) : 0.0015 TON/SY

THE HMA SHALL RECEIVE LONGITUDINAL JOINT SEALANT  
 UNDER THE BINDER COURSE AND THE SURFACE COURSE

## INTERSTATE 88 - SUPERELEVATED SECTION

STA 903+11 - 929+95 EB & WB  
 STA 994+28 - 1049+33 EB & WB  
 STA 1094+66 - 1105+32 EB & WB  
 STA 1113+39 - 1136+35 EB & WB  
 STA 1160+08 - 1178+10 EB & WB

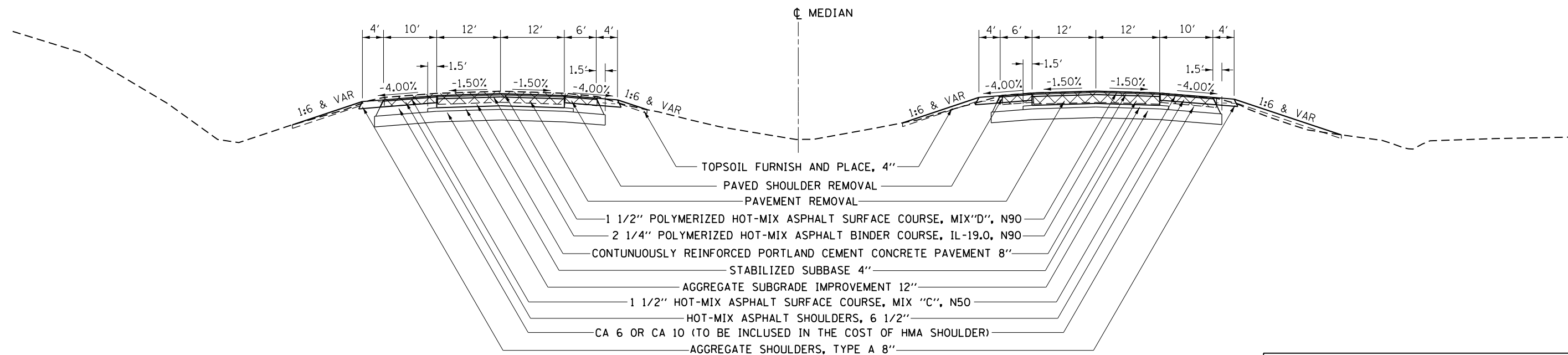


FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2013\3-shr-typical	3-DRAWN	REVISED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	11	
Default	PLOT SCALE = 100.0000' / 1" / 1" / 1"	CHECKED -	REVISED -			CONTRACT NO. 64J37					
	PLOT DATE = 3/28/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

# TYPICAL SECTIONS

## INTERSTATE 88 - UNDER ALBANY RD

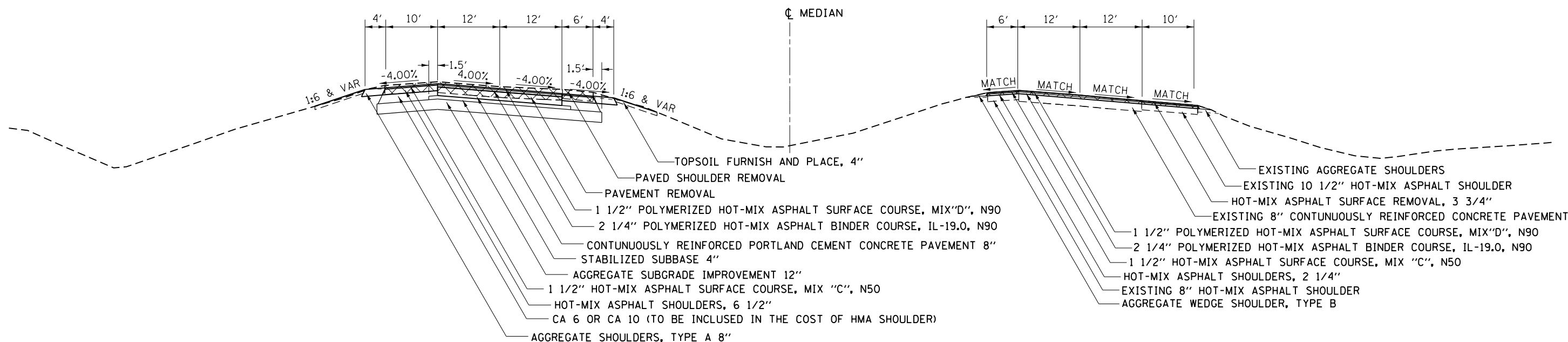
STA 971+94 - STA 976+14 WB  
STA 972+67 - STA 976+87 EB



**BITUMINOUS APPLICATION RATES:**  
ALL BITUMINOUS MIXTURES : 112 LB/SY/IN  
BITUMINOUS MATERIALS (TACK COAT) : 0.05 LB/SY/FT  
AGGREGATE (PRIME COAT) : 0.0015 TON/SY  
  
THE HMA SHALL RECEIVE LONGITUDINAL JOINT SEALANT UNDER THE BINDER COURSE AND THE SURFACE COURSE

## INTERSTATE 88 - UNDER WILMOT RD

STA 1105+32 - STA 1113+39 EB & WB

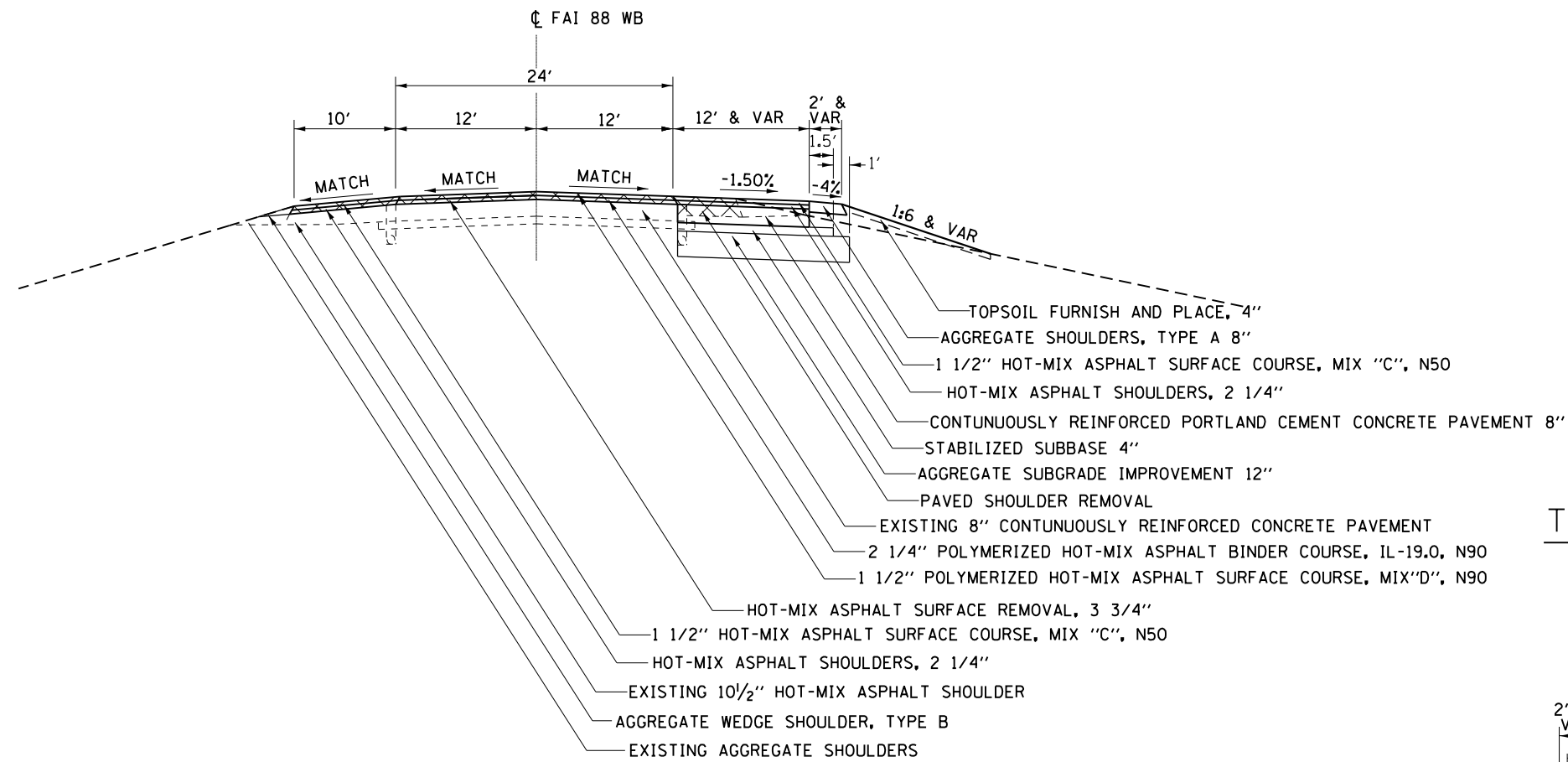


FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64J37				
	PLOT DATE = 3/28/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

# TYPICAL SECTIONS

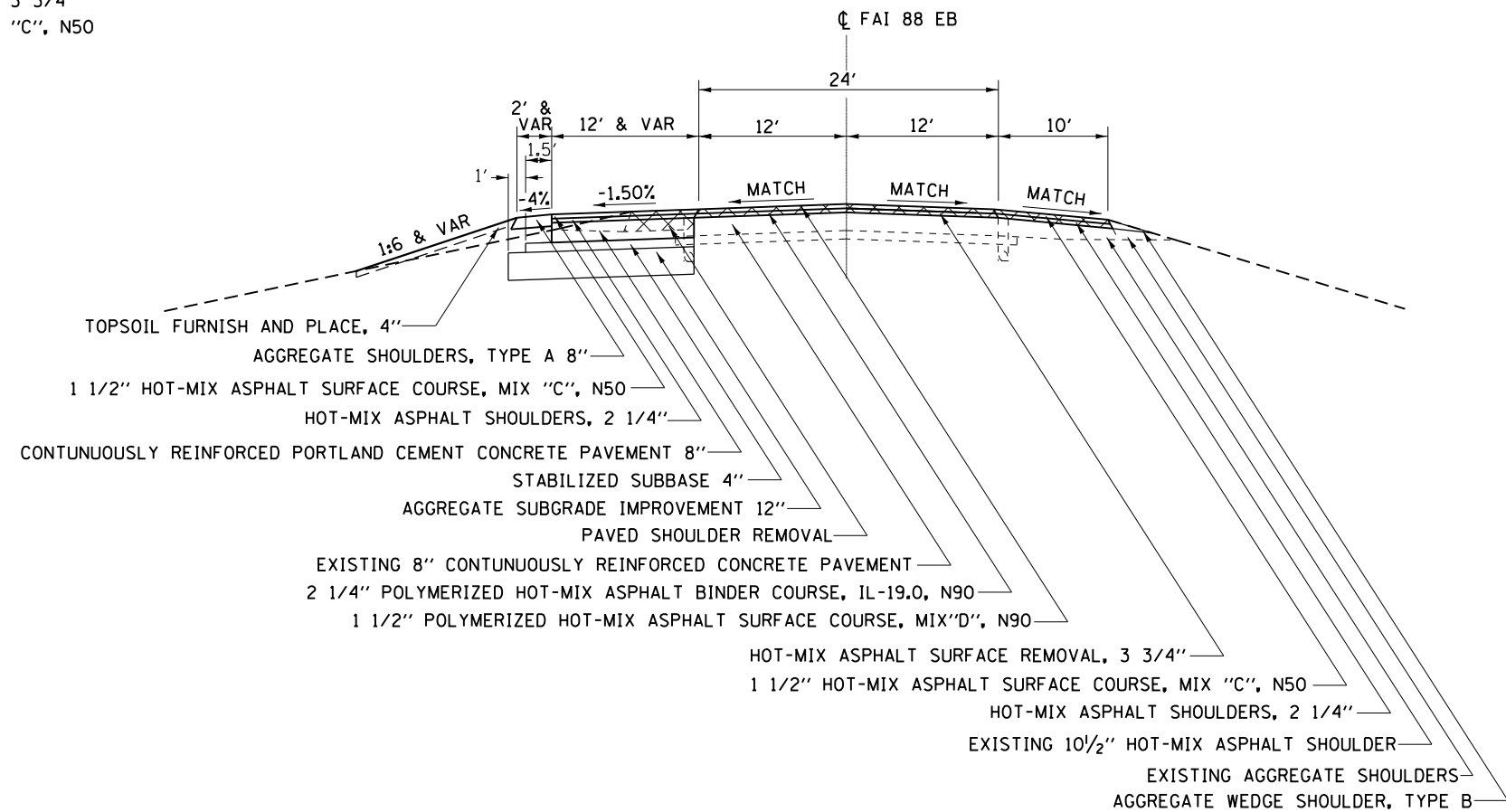
## TYPICAL WB DECELERATION LANE

STA 1008+84.37 - STA 1015+74.66  
STA 1142+09.29 - STA 1148+94.28



## TYPICAL EB DECELERATION LANE

STA 920+50.48 - STA 927+35.62  
STA 1135+94.28 - STA 1142+84.27



### BITUMINOUS APPLICATION RATES:

ALL BITUMINOUS MIXTURES : 112 LB/SY/IN  
BITUMINOUS MATERIALS (TACK COAT) : 0.05 LB/SY/FT  
AGGREGATE (PRIME COAT) : 0.0015 TON/SY

THE HMA SHALL RECEIVE LONGITUDINAL JOINT SEALANT UNDER THE BINDER COURSE AND THE SURFACE COURSE

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### TYPICAL SECTIONS

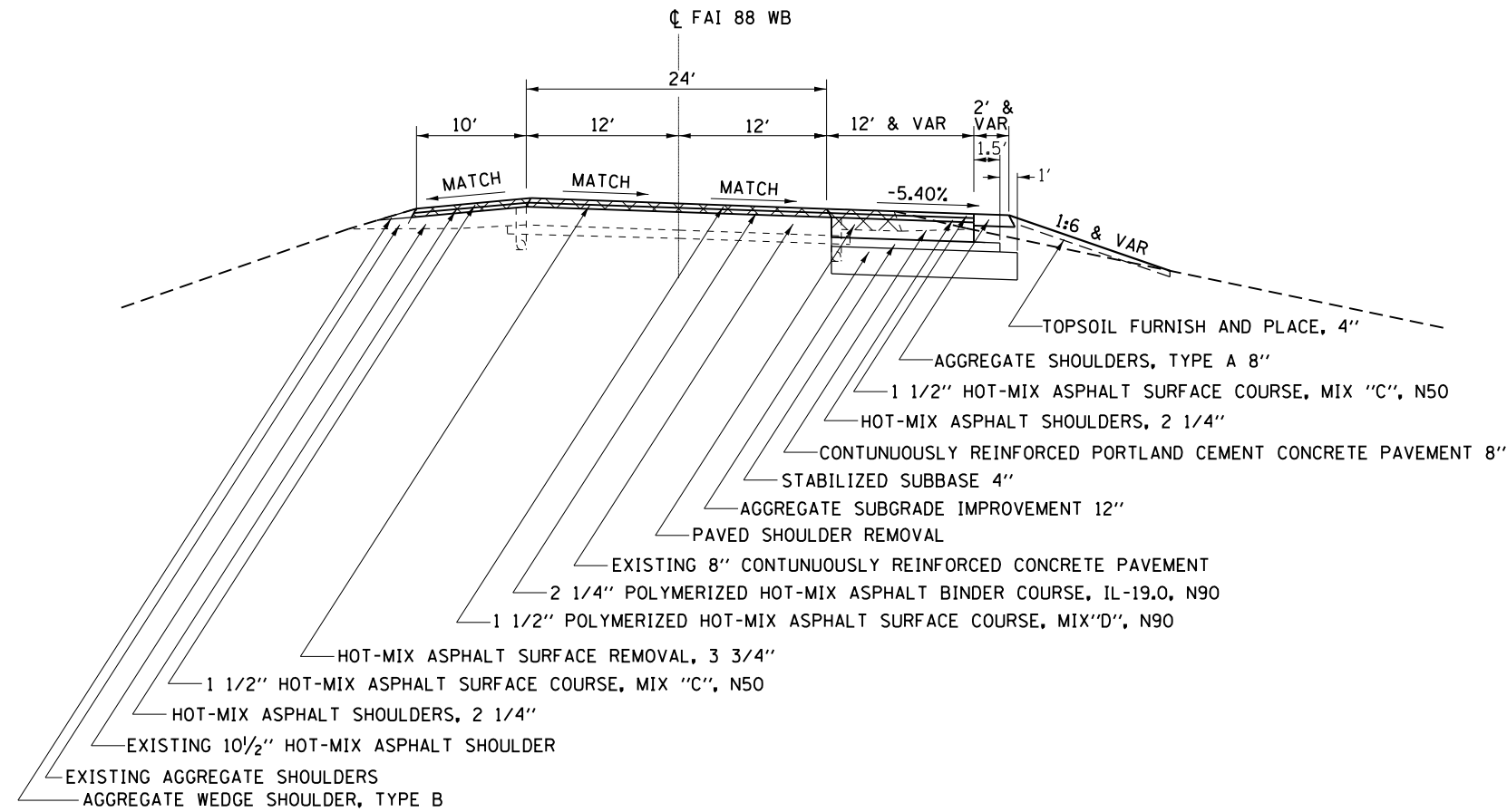
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	13
CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT	

# TYPICAL SECTIONS

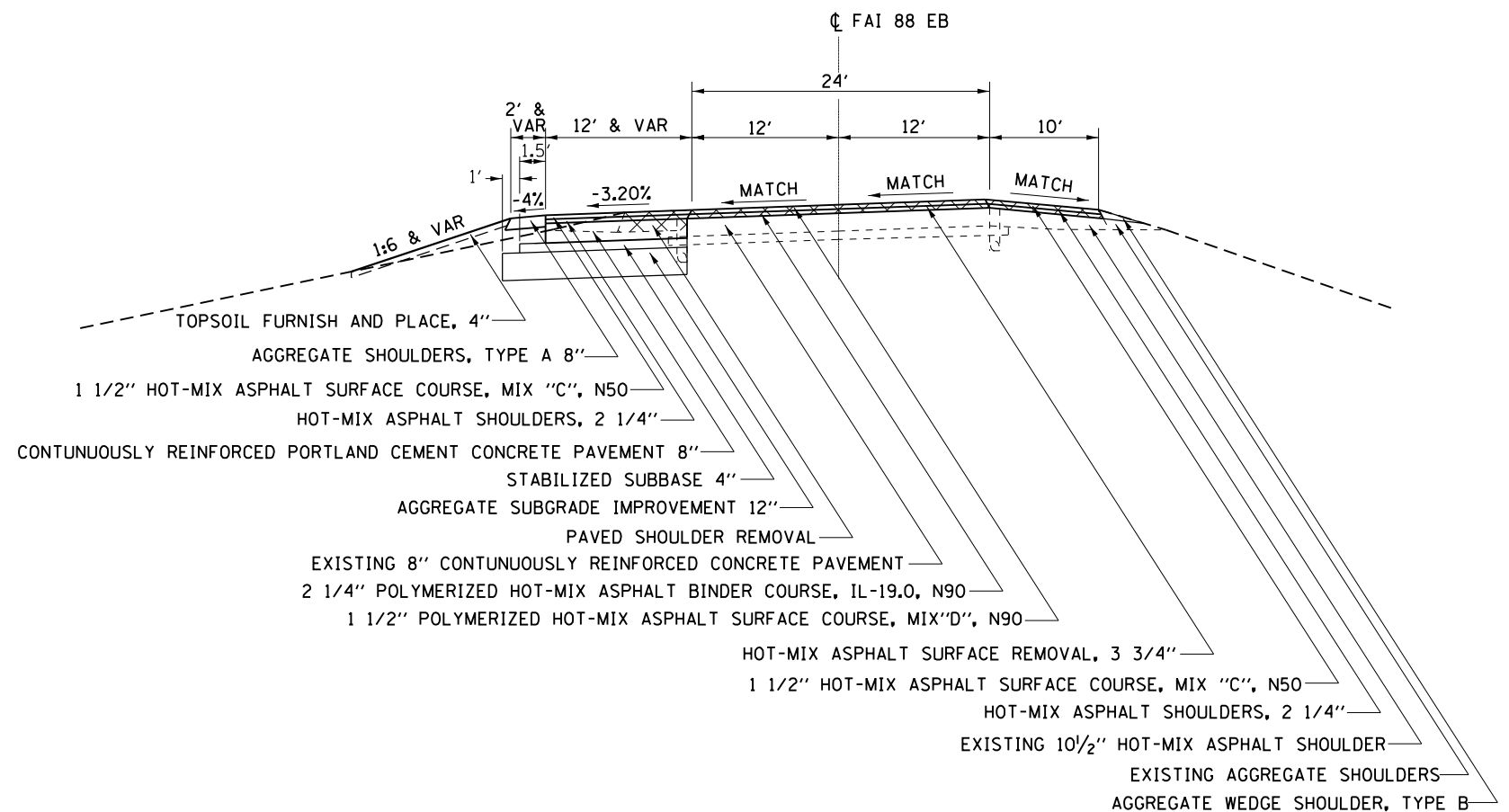
## TYPICAL WB DECELERATION LANE

STA 926+65.62 - STA 933+55.52



## TYPICAL EB DECELERATION LANE

STA 1002+69.71 - STA 1009+69.63



**BITUMINOUS APPLICATION RATES:**  
 ALL BITUMINOUS MIXTURES : 112 LB/SY/IN  
 BITUMINOUS MATERIALS (TACK COAT) : 0.05 LB/SY/FT  
 AGGREGATE (PRIME COAT) : 0.0015 TON/SY  
 THE HMA SHALL RECEIVE LONGITUDINAL JOINT SEALANT UNDER THE BINDER COURSE AND THE SURFACE COURSE

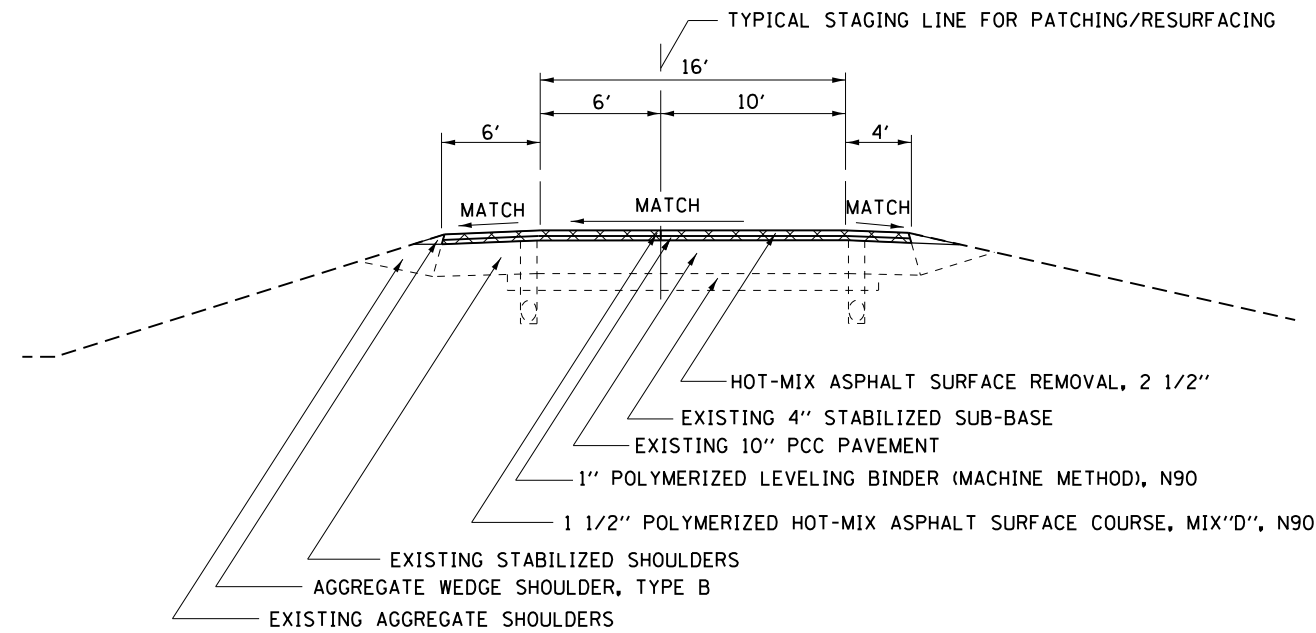
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT				
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# TYPICAL SECTIONS

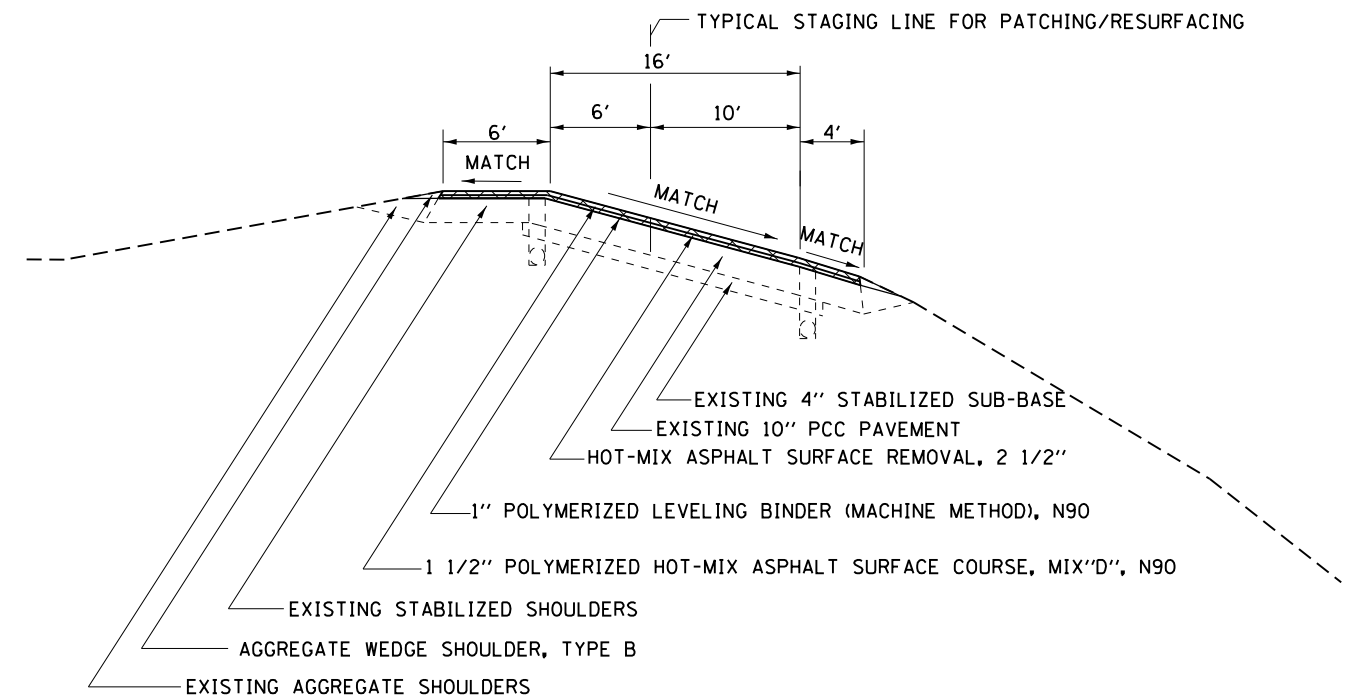
## TYPICAL RAMP

STA 89+85.55 - STA 92+23.26 SW ALBANY RAMP  
 STA 97+53.04 - STA 99+76.25 SW ALBANY RAMP  
 STA 200+23.12 - STA 206+54.30 SE ALBANY RAMP  
 STA 300+22.89 - STA 306+50.02 NW ALBANY RAMP  
 STA 389+87.18 - STA 392+21.50 NE ALBANY RAMP  
 STA 397+50.60 - STA 399+79.68 NE ALBANY RAMP



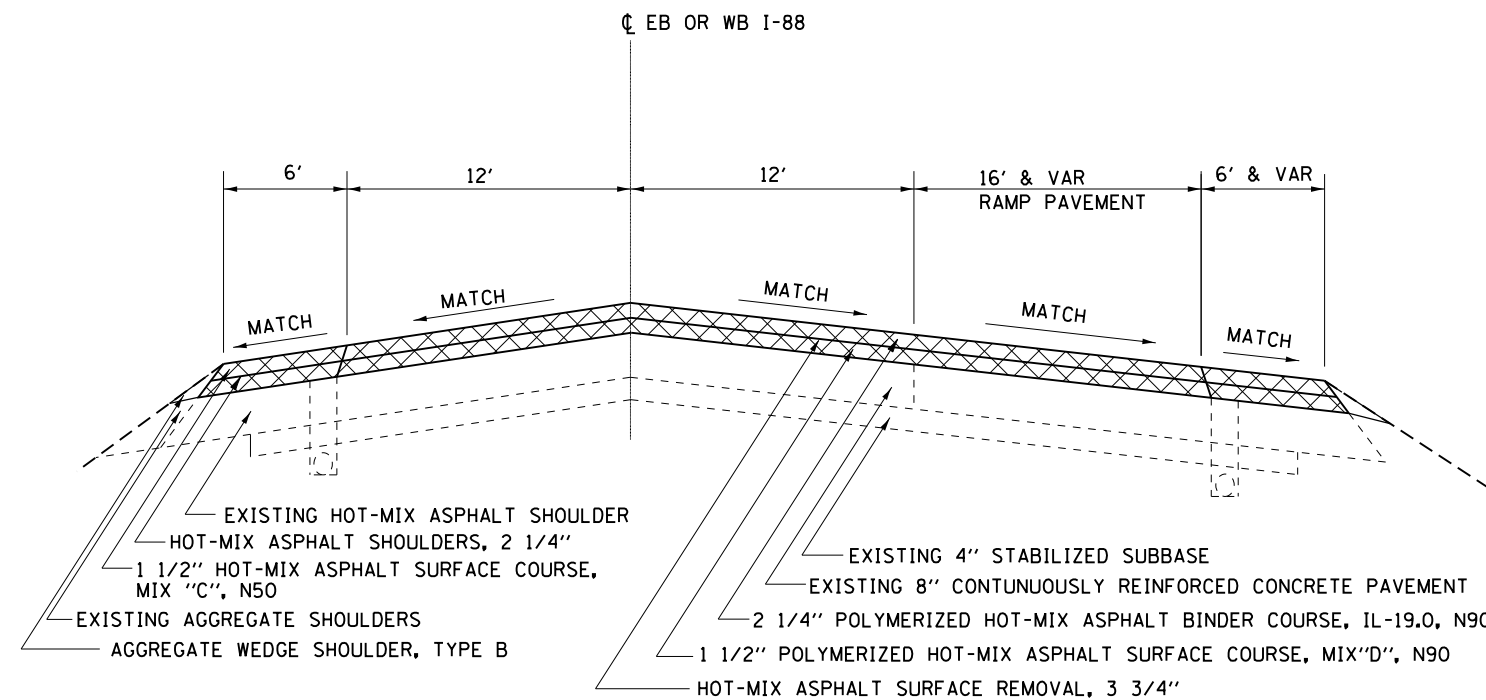
## TYPICAL SUPERELEVATION

STA 84+66.58 - STA 89+85.55 SW ALBANY RAMP  
 STA 92+23.26 - STA 97+53.04 SW ALBANY RAMP  
 STA 206+54.30 - STA 208+74.17 SE ALBANY RAMP  
 STA 306+50.02 - STA 309+03.85 NW ALBANY RAMP  
 STA 385+44.98 - STA 389+87.18 NE ALBANY RAMP  
 STA 392+21.50 - STA 397+50.60 NE ALBANY RAMP



## TYPICAL RAMP PAVEMENT

STA 77+43.37 - STA 84+66.58 SW ALBANY RAMP  
 STA 208+74.17 - STA 221+25.58 SE ALBANY RAMP  
 STA 309+03.85 - STA 321+20.36 NW ALBANY RAMP  
 STA 377+31.75 - STA 385+44.98 NE ALBANY RAMP



### BITUMINOUS APPLICATION RATES:

ALL BITUMINOUS MIXTURES : 112 LB/SY/IN  
 BITUMINOUS MATERIALS (TACK COAT) : 0.05 LB/SY/FT  
 AGGREGATE (PRIME COAT) : 0.0015 TON/SY

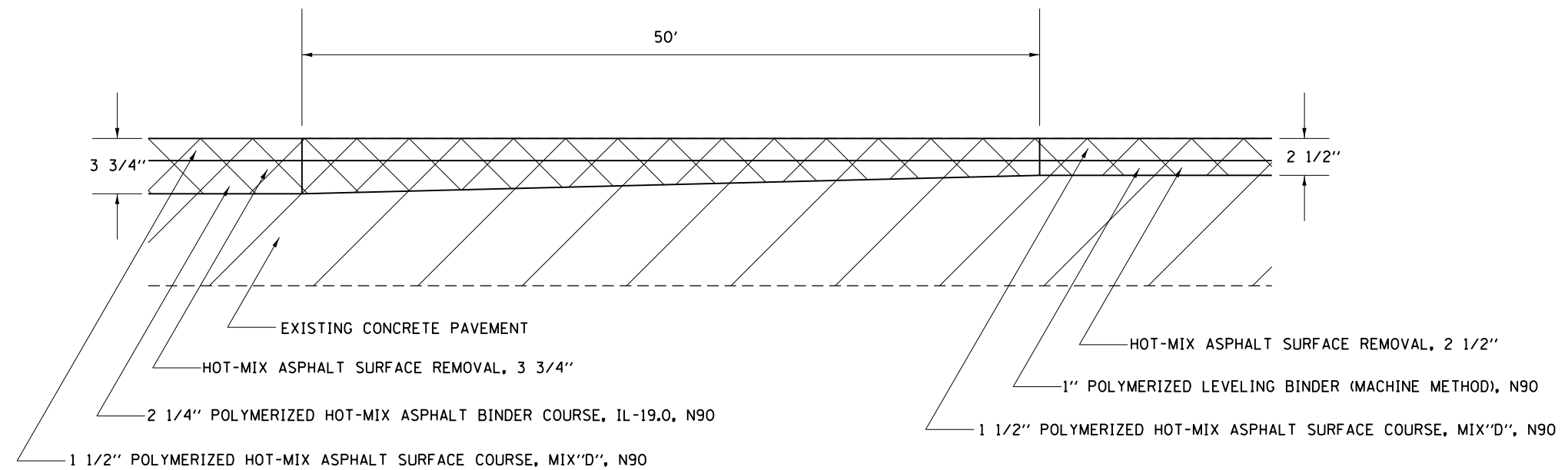
THE HMA SHALL RECEIVE LONGITUDINAL JOINT SEALANT UNDER THE BINDER COURSE AND THE SURFACE COURSE

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11\084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\2017\3D\Drawings\CAD\Sheets\2017\3D\Typical\88	3D\Drawings\CAD\Sheets\2017\3D\Typical\88	CHECKED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	15	
Default	PLOT SCALE = 100.0000' / 1" =	DATE -	REVISED -			CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/28/2017					SCALE:	SHEET	OF	SHEETS	STA.	TO

# TYPICAL SECTIONS

## TYPICAL RAMP TAPER

STA 84+16.58 - STA 84+66.58 SW ALBANY RAMP  
 STA 208+74.17 - STA 209+24.17 SE ALBANY RAMP  
 STA 309+03.85 - STA 309+53.85 NW ALBANY RAMP  
 STA 384+94.98 - STA STA 385+44.98 NE ALBANY RAMP



NOTE: THE 50' TRANSITION SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

### BITUMINOUS APPLICATION RATES:

ALL BITUMINOUS MIXTURES : 112 LB/SY/IN  
 BITUMINOUS MATERIALS (TACK COAT) : 0.05 LB/SY/FT  
 AGGREGATE (PRIME COAT) : 0.0015 TON/SY

THE HMA SHALL RECEIVE LONGITUDINAL JOINT SEALANT UNDER THE BINDER COURSE AND THE SURFACE COURSE

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2203\Drawings\CAD\Sheets\220313-sht-typical		DRAWN -	REVISED -		88	(195-1)RS-1	WHITESIDE	140	16				
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 64J37								
	PLOT DATE = 3/28/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			



# SCHEDULE OF QUANTITIES

60262900 INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID

EACH	LOCATION EASTBOUND	OFFSET	REMARKS
1	1188+67	OUT	ROCK CREEK
1	1188+81	IN	ROCK CREEK
1	1190+67	OUT	ROCK CREEK
1	1190+81	IN	ROCK CREEK
1	1257+61	IN	BN RR
1	1257+89	OUT	BN RR
1	1259+71	IN	BN RR
1	1259+99	OUT	BN RR
1	1270+66	OUT	HENRY RD
1	1270+77	IN	HENRY RD
1	1272+02	OUT	HENRY RD
1	1272+16	IN	HENRY RD
<u>WESTBOUND</u>			
1	1189+05	IN	ROCK CREEK
1	1189+18	OUT	ROCK CREEK
1	1191+05	IN	ROCK CREEK
1	1191+18	OUT	ROCK CREEK
1	1256+78	OUT	BN RR
1	1257+06	IN	BN RR
1	1258+88	OUT	BN RR
1	1259+16	IN	BN RR
1	1271+02	IN	HENRY RD
1	1271+15	OUT	HENRY RD
1	1272+40	IN	HENRY RD
1	1272+53	OUT	HENRY RD
<b>24</b>	<b>TOTAL</b>		

60600095 CLASS SI CONCRETE (OUTLET)

CU YD	LOCATION EASTBOUND	OFFSET	REMARKS
0.93	974+01	OUT	PROFILE ADJUSTMENT - ALBANY
0.93	975+53	OUT	PROFILE ADJUSTMENT - ALBANY
<u>WESTBOUND</u>			
0.93	973+28	OUT	PROFILE ADJUSTMENT - ALBANY
0.93	974+80	OUT	PROFILE ADJUSTMENT - ALBANY
0.93	1108+84	OUT	PROFILE ADJUSTMENT - WILMOT
0.93	1109+89	OUT	PROFILE ADJUSTMENT - WILMOT
<b>5.58</b>	<b>TOTAL</b>		

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

FOOT	LOCATION EASTBOUND	OFFSET	REMARKS
237.5	1186+01	- 1188+38.5	OUT ROCK CREEK
137.5	1187+06	- 1188+43.5	IN ROCK CREEK
1,287.5	1244+64	- 1257+51.5	OUT BN RR
137.5	1255+86	- 1257+23.5	IN BN RR
992.0	1260+36.5	- 1270+28.5	OUT BETWEEN BN RR AND HENRY RD
137.5	1269+02	- 1270+39.5	IN HENRY RD
<u>WESTBOUND</u>			
137.5	1191+43.5	- 1192+81	IN ROCK CREEK
237.5	1191+55.5	- 1193+93	OUT ROCK CREEK
900.0	1247+40.5	- 1256+45	OUT BN RR
1,152.0	1259+25.5	- 1270+77.5	OUT BETWEEN BN RR AND HENRY RD
137.5	1259+53.5	- 1260+91	IN BN RR
137.5	1272+77.5	- 1274+15	IN HENRY RD
237.5	1272+90.5	- 1275+28	OUT HENRY RD
<u>WILMOT RD</u>			
462.5	121+38	- 126+00.5	RT
425.0	121+60	- 125+86	LT
400.0	129+55.5	- 133+55.5	LT
425.0	129+70.5	- 133+95.5	RT
<b>7,581.5</b>	<b>TOTAL</b>		

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

EACH	LOCATION WESTBOUND	OFFSET	REMARKS
1	1247+28	1247+40.5	OUT BN RR
<b>1</b>	<b>TOTAL</b>		

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

EACH	LOCATION EASTBOUND	OFFSET	REMARKS
1	1188+38.5	- 1188+76	OUT ROCK CREEK
1	1188+43.5	- 1188+81	IN ROCK CREEK
1	1257+23.5	- 1257+61	IN BN RR
1	1257+51.5	- 1257+89	OUT BN RR
1	1259+99	- 1260+36.5	OUT BN RR
1	1270+28.5	- 1270+66	OUT HENRY RD
1	1270+39.5	- 1270+77	IN HENRY RD
<u>WESTBOUND</u>			
1	1191+06	- 1191+43.5	OUT ROCK CREEK
1	1191+18	- 1191+55.5	IN ROCK CREEK
1	1256+40.5	- 1256+78	OUT BN RR
1	1258+88	- 1259+25.5	OUT BN RR
1	1259+16	- 1259+53.5	IN BN RR
1	1270+77.5	- 1271+15	OUT HENRY RD
1	1272+40	- 1272+77.5	IN HENRY RD
1	1272+53	- 1272+90.5	OUT HENRY RD
<u>WILMOT RD</u>			
1	125+85.5	- 126+23	LT
1	126+00.5	- 126+38	RT
1	129+18	- 129+55.5	LT
1	129+33	- 129+70.5	RT
<b>19</b>	<b>TOTAL</b>		

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

EACH	LOCATION EASTBOUND	OFFSET	REMARKS
1	1185+51	- 1186+01	OUT ROCK CREEK
1	1244+14	- 1244+64	OUT BN RR
<u>WESTBOUND</u>			
1	1193+93	- 1194+43	OUT ROCK CREEK
1	1275+28	- 1275+78	OUT HENRY RD
<u>WILMONT RD</u>			
1	120+88	- 121+38	RT
1	121+10.5	- 121+60.5	LT
1	133+55.5	- 134+05.5	LT
1	133+95.5	- 134+45.5	RT
<b>8</b>	<b>TOTAL</b>		

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

EACH	LOCATION EASTBOUND	OFFSET	REMARKS
1	1186+56	- 1187+06	IN ROCK CREEK
1	1255+36	- 1255+86	IN BN RR
1	1268+52	- 1269+02	IN HENRY RD
<u>WESTBOUND</u>			
1	1192+81	- 1193+31	IN ROCK CREEK
1	1260+91	- 1261+41	IN BN RR
1	1274+15	- 1274+65	IN HENRY RD
<b>6</b>	<b>TOTAL</b>		

# SCHEDULE OF QUANTITIES

63200310	GUARDRAIL REMOVAL		OFFSET	REMARKS
FOOT	LOCATION			
	EASTBOUND			
337.5	1185+43	-	1188+76	OUT
175.0	1187+10	-	1188+81	IN
1,362.5	1244+26.5	-	1257+89	OUT
162.5	1255+97	-	1257+61	IN
1,067.0	1259+99	-	1270+66	OUT
175.0	1269+11	-	1270+77	IN
	WESTBOUND			
200.0	1191+06	-	1193+00	IN
350.0	1191+18	-	1194+69	OUT
937.5	1247+40.5	-	1256+78	OUT
1,227.0	1258+88	-	1271+15	OUT
175.0	1259+16	-	1261+12	IN
350.0	1272+53	-	1276+03	OUT
175.0	1272+40	-	1274+13	IN
	WILMOT RD			
462.5	121+60.5	-	126+23	LT
462.5	121+75.5	-	126+38	RT
462.5	129+18	-	133+80.5	LT
462.5	129+33	-	133+95.5	RT
<b>8,544.0</b>	<b>TOTAL</b>			

63500105	DELINEATORS		OFFSET	REMARKS
EACH	LOCATION			
	EASTBOUND			
25	876+44	-	1334+33	
1	921+17			IN
1	927+32			IN
1	972+78			OUT
1	976+70			IN
1	1004+50			OUT
1	1140+51			IN
1	1185+51			OUT
1	1186+56			IN
1	1244+14			OUT
1	1255+36			IN
1	1268+52			IN
	WESTBOUND			
25	876+44	-	1334+33	
1	927+30			IN
	932+73			IN
1	971+71			OUT
1	1010+98			IN
1	1015+52			IN
1	1105+48			OUT
1	1110+49			OUT
1	1146+53			IN
1	1193+31			IN
1	1194+43			OUT
1	1247+28			OUT
1	1261+41			IN
1	1274+65			IN
1	1275+78			OUT
	WILMOT RD			
1	120+88			RT
1	121+10.5			LT
1	134+05.5			LT
1	134+45.5			RT
<b>78</b>	<b>TOTAL</b>			

70300220	TEMPORARY PAVEMENT MARKING - LINE 4"		OFFSET	REMARKS
FOOT	LOCATION			
	EASTBOUND			
1,618	876+44	-	957+34	CL - (4' PER 40 LINEAR FT.) 2 APP.
612	960+10	-	990+69	CL - (4' PER 40 LINEAR FT.) 2 APP.
6,729	997+88	-	1334+33	CL - (4' PER 40 LINEAR FT.) 2 APP.
3,664	876+44	-	1334+33	WHITE EDGE (4' @ 100') 2 APP.
3,664	876+44	-	1334+33	YELLOW EDGE (4' @ 100') 2 APP.
172	199+77	-	221+26	RAMP SE-WHITE EDGE (4' @ 100') 2 APP.
78	199+77	-	209+48	RAMP SE-YELLOW EDGE (4' @ 100') 2 APP.
179	77+44	-	99+77	RAMP SW-WHITE EDGE (4' @ 100') 2 APP.
125	84+16	-	99+77	RAMP SW-YELLOW EDGE (4' @ 100') 2 APP.
	STAGE 1			
1,748	939+86	-	957+34	LANE CLOSURE (WHITE EDGE) ALBANY
223	957+86	-	960+09	LANE CLOSURE (WHITE EDGE) ALBANY
2,106	957+86	-	978+92	LANE CLOSURE (WHITE EDGE) ALBANY
873	970+19	-	978+92	LANE CLOSURE (YELLOW EDGE) ALBANY
1,855	1172+46	-	1191+01	LANE CLOSURE (WHITE EDGE) ROCK CREEK RAILING
360	1187+41	-	1191+01	LANE CLOSURE (YELLOW EDGE) ROCK CREEK RAILING
3,102	1241+33	-	1272+35	LANE CLOSURE (WHITE EDGE) BN RR & HENRY RAILING
1,602	1256+33	-	1272+35	LANE CLOSURE (YELLOW EDGE) BN RR & HENRY RAILING
	STAGE 2			
2,375	955+17	-	978+92	LANE CLOSURE (YELLOW EDGE) ALBANY
879	970+14	-	978+93	LANE CLOSURE (WHITE EDGE) ALBANY
1,855	1172+46	-	1191+01	LANE CLOSURE (YELLOW EDGE) ROCK CREEK RAILING
360	1187+41	-	1191+01	LANE CLOSURE (WHITE EDGE) ROCK CREEK RAILING
3,102	1241+33	-	1272+35	LANE CLOSURE (YELLOW EDGE) BN RR & HENRY RAILING
1,602	1256+33	-	1272+35	LANE CLOSURE (WHITE EDGE) BN RR & HENRY RAILING
	WESTBOUND			
1,478	876+44	-	950+33	CL - (4' PER 40 LINEAR FT.) 2 APP.
610	958+30	-	988+79	CL - (4' PER 40 LINEAR FT.) 2 APP.
6,855	991+58	-	1334+33	CL - (4' PER 40 LINEAR FT.) 2 APP.
3,664	876+44	-	1334+33	WHITE EDGE (4' @ 100') 2 APP.
3,664	876+44	-	1334+33	YELLOW EDGE (4' @ 100') 2 APP.
168	300+23	-	321+20	RAMP NW-WHITE EDGE (4' @ 100') 2 APP.
74	300+23	-	309+54	RAMP NW-YELLOW EDGE (4' @ 100') 2 APP.
182	377+00	-	399+76	RAMP NE-WHITE EDGE (4' @ 100') 2 APP.
126	384+00	-	399+76	RAMP NE-YELLOW EDGE (4' @ 100') 2 APP.
	STAGE 1			
2,114	969+89	-	991+03	LANE CLOSURE (WHITE EDGE) ALBANY
879	969+89	-	978+68	LANE CLOSURE (YELLOW EDGE) ALBANY
224	988+79	-	991+03	LANE CLOSURE (WHITE EDGE) ALBANY
1,758	991+58	-	1009+16	LANE CLOSURE (WHITE EDGE) ALBANY
1,264	1103+23	-	1115+86	LANE CLOSURE (YELLOW EDGE) WILMOT
2,749	1103+23	-	1130+72	LANE CLOSURE (WHITE EDGE) WILMOT
1,860	1188+86	-	1207+46	LANE CLOSURE (WHITE EDGE) ROCK CREEK RAILING
360	1188+86	-	1192+46	LANE CLOSURE (YELLOW EDGE) ROCK CREEK RAILING
3,233	1256+49	-	1288+82	LANE CLOSURE (WHITE EDGE) BN RR & HENRY RAILING
1,734	1256+49	-	1273+83	LANE CLOSURE (YELLOW EDGE) BN RR & HENRY RAILING
	STAGE 2			
849	969+89	-	978+38	LANE CLOSURE (WHITE EDGE) ALBANY
2,375	969+89	-	993+64	LANE CLOSURE (YELLOW EDGE) ALBANY
1,284	1103+25	-	1116+09	LANE CLOSURE (WHITE EDGE) WILMOT
2,747	1103+25	-	1130+72	LANE CLOSURE (YELLOW EDGE) WILMOT
1,860	1188+86	-	1207+46	LANE CLOSURE (WHITE EDGE) ROCK CREEK RAILING
360	1188+86	-	1192+46	LANE CLOSURE (WHITE EDGE) ROCK CREEK RAILING
1,734	1256+49	-	1273+83	LANE CLOSURE (WHITE EDGE) BN RR & HENRY RAILING
3,233	1256+49	-	1288+82	LANE CLOSURE (YELLOW EDGE) BN RR & HENRY RAILING
<b>86,320</b>	<b>TOTAL</b>			



# SCHEDULE OF QUANTITIES

70400100 <u>TEMPORARY CONCRETE BARRIER</u>				
<u>FOOT</u>	<u>LOCATION</u>		<u>OFFSET</u>	<u>REMARKS</u>
	<u>EASTBOUND</u>			
850	969+89	- 978+38		ALBANY RD PROFILE - STAGE 1
412.5	1186+89	- 1191+01		ROCK CREEK STRUCTURE - STAGE 1
450	1255+81	- 1260+30		BN RR STRUCTURE - STAGE 1
350	1268+85	- 1272+35		HENRY RD STRUCTURE - STAGE 1
	<u>WESTBOUND</u>			
850	970+43	- 978+92		ALBANY RD PROFILE - STAGE 1
1,200	1103+23	- 1115+12		WILMOT RD PROFILE - STAGE 1
112.5	1115+25	- 1116+24		WILMOT RD PROFILE - STAGE 2
412.5	1188+86	- 1192+98		ROCK CREEK STRUCTURE - STAGE 1
450	1256+49	- 1260+98		BN RR STRUCTURE - STAGE 1
350	1270+85	- 1274+35		HENRY RD STRUCTURE - STAGE 1
<b>5,437.5</b>	TOTAL			

70400200 <u>RELOCATE TEMPORARY CONCRETE BARRIER</u>				
<u>FOOT</u>	<u>LOCATION</u>		<u>OFFSET</u>	<u>REMARKS</u>
	<u>EASTBOUND</u>			
850	970+43	- 978+92		ALBANY RD PROFILE - STAGE 2
412.5	1186+89	- 1191+01		ROCK CREEK STRUCTURE - STAGE 2
450	1255+81	- 1260+35		BN RR STRUCTURE - STAGE 2
350	1268+85	- 1272+35		HENRY RD STRUCTURE - STAGE 2
	<u>WESTBOUND</u>			
850	969+89	- 978+38		ALBANY RD PROFILE - STAGE 2
1,200	1103+25	- 1115+25		WILMOT RD PROFILE - STAGE 2
412.5	1188+86	- 1192+98		ROCK CREEK STRUCTURE - STAGE 2
450	1256+49	- 1260+98		BN RR STRUCTURE - STAGE 2
350	1270+85	- 1274+35		HENRY RD STRUCTURE - STAGE 2
<b>5,325.0</b>	TOTAL			

70600250 <u>IMPACT ATTENUATOR (NON-REDIRECTIVE), TEST LEVEL 3</u>				
<u>EACH</u>	<u>LOCATION</u>		<u>OFFSET</u>	<u>REMARKS</u>
	<u>EASTBOUND</u>			
1	970+43			ALBANY RD PROFILE - STAGE 1
1	1186+89			ROCK CREEK STRUCTURE - STAGE 1
1	1255+81			BN RR STRUCTURE - STAGE 1
1	1274+35			HENRY RD STRUCTURE - STAGE 1
	<u>WESTBOUND</u>			
1	978+38			ALBANY RD PROFILE - STAGE 1
1	1115+12			WILMOT RD PROFILE - STAGE 1
1	1192+98			ROCK CREEK STRUCTURE - STAGE 1
1	1260+98			BN RR STRUCTURE - STAGE 1
1	1268+85			HENRY RD STRUCTURE - STAGE 1
<b>9</b>	TOTAL			

70600350 <u>IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3</u>				
<u>EACH</u>	<u>LOCATION</u>		<u>OFFSET</u>	<u>REMARKS</u>
	<u>EASTBOUND</u>			
1	970+43			ALBANY RD PROFILE - STAGE 2
1	1186+89			ROCK CREEK STRUCTURE - STAGE 2
1	1255+81			BN RR STRUCTURE - STAGE 2
1	1268+85			HENRY RD STRUCTURE - STAGE 2
	<u>WESTBOUND</u>			
1	978+38			ALBANY RD PROFILE - STAGE 2
1	1116+24			WILMOT RD PROFILE - STAGE 2
1	1192+98			ROCK CREEK STRUCTURE - STAGE 2
1	1260+98			BN RR STRUCTURE - STAGE 2
1	1274+35			HENRY RD STRUCTURE - STAGE 2
<b>9</b>	TOTAL			

72501000 <u>TERMINAL MARKER DIRECT APPLIED</u>				
<u>EACH</u>	<u>LOCATION</u>		<u>OFFSET</u>	<u>REMARKS</u>
	<u>EASTBOUND</u>			
1	1185+51		OUT	ROCK CREEK
1	1186+56		IN	ROCK CREEK
1	1244+14		OUT	BN RR
1	1255+36		IN	BN RR
1	1268+52		IN	HENRY RD
	<u>WESTBOUND</u>			
1	1193+31		IN	ROCK CREEK
1	1194+43		OUT	ROCK CREEK
1	1261+41		IN	BN RR
1	1274+65		IN	HENRY RD
1	1275+78		OUT	HENRY RD
	<u>WILMONT RD</u>			
1	120+88		RT	
1	121+10.5		LT	
1	134+05.5		LT	
1	134+45.5		RT	
<b>14</b>	TOTAL			

# SCHEDULE OF QUANTITIES

78008310 POLYUREA PAVEMENT MARKING TYPE II- LINE 4''

FOOT	LOCATION EASTBOUND	OFFSET	REMARKS
8,090	876+44 - 957+34	OUT	WHITE EDGE
3,059	960+09 - 990+68	OUT	WHITE EDGE
34,146	992+87 - 1334+33	OUT	WHITE EDGE
45,789	876+44 - 1334+33	IN	YELLOW EDGE
2,149	199+77 - 221+26	OUT	RAMP SE-WHITE EDGE
971	199+77 - 209+48	IN	RAMP SE-YELLOW EDGE
2,233	77+44 - 99+77	OUT	RAMP SW-WHITE EDGE
400	80+16 - 84+16	IN	RAMP SW-WHITE EDGE
1,651	84+16 - 99+77	IN	RAMP SW-YELLOW EDGE
3	960+45	OUT	DIAGONAL (WHITE)
5	960+75	OUT	DIAGONAL (WHITE)
7	961+04	OUT	DIAGONAL (WHITE)
9	961+34	OUT	DIAGONAL (WHITE)
11	961+63	OUT	DIAGONAL (WHITE)
13	961+92	OUT	DIAGONAL (WHITE)
15	962+21	OUT	DIAGONAL (WHITE)
18	962+51	OUT	DIAGONAL (WHITE)
20	962+80	OUT	DIAGONAL (WHITE)
22	963+09	OUT	DIAGONAL (WHITE)
24	963+38	OUT	DIAGONAL (WHITE)
26	963+67	OUT	DIAGONAL (WHITE)
29	963+97	OUT	DIAGONAL (WHITE)
<b>WESTBOUND</b>			
7,451	876+44 - 950+95	OUT	WHITE EDGE
3,049	958+30 - 988+79	OUT	WHITE EDGE
34,275	991+58 - 1334+33	OUT	WHITE EDGE
45,789	876+44 - 1334+33	OUT	YELLOW EDGE
2,097	300+23 - 321+20	IN	RAMP NW-WHITE EDGE
931	300+23 - 309+54	OUT	RAMP NW-YELLOW EDGE
2,276	377+00 - 399+76	IN	RAMP NE-WHITE EDGE
389	380+11 - 384+00	OUT	RAMP NE-WHITE EDGE
1,576	384+00 - 399+76	OUT	RAMP NE-YELLOW EDGE
27	984+97	IN	DIAGONAL (WHITE)
25	985+27	IN	DIAGONAL (WHITE)
23	985+56	IN	DIAGONAL (WHITE)
21	985+86	IN	DIAGONAL (WHITE)
19	986+15	IN	DIAGONAL (WHITE)
17	986+44	IN	DIAGONAL (WHITE)
15	986+73	IN	DIAGONAL (WHITE)
13	987+03	IN	DIAGONAL (WHITE)
11	987+32	IN	DIAGONAL (WHITE)
9	987+61	IN	DIAGONAL (WHITE)
6	987+90	IN	DIAGONAL (WHITE)
4	988+20	IN	DIAGONAL (WHITE)
<b>196,713</b>			<b>TOTAL</b>

78008330 POLYUREA PAVEMENT MARKING TYPE II- LINE 6''

FOOT	LOCATION EASTBOUND	OFFSET	REMARKS
11,447	876+44 - 1334+33		WHITE-DASHED CENTER LINE
<b>WESTBOUND</b>			
11,447	876+44 - 1334+33		WHITE-DASHED CENTER LINE
<b>22,894</b>			<b>TOTAL</b>

78008340 POLYUREA PAVEMENT MARKING TYPE II- LINE 8''

FOOT	LOCATION	OFFSET	REMARKS
175	399+61		RAMP NE ISLAND
150	99+61		RAMP SE ISLAND
<b>325</b>			<b>TOTAL</b>

78008350 POLYUREA PAVEMENT MARKING TYPE II- LINE 12''

FOOT	LOCATION	OFFSET	REMARKS
133	399+61		RAMP NE DIAGONALS ISLAND
113	99+61		RAMP SW DIAGONALS ISLAND
<b>246</b>			<b>TOTAL</b>

78008370 POLYUREA PAVEMENT MARKING TYPE II- LINE 24''

FOOT	LOCATION	OFFSET	REMARKS
15	399+58	RT	RAMP NE (STOP)
15	399+53	LT	RAMP NE (STOP)
15	399+55	RT	RAMP SW (STOP)
15	399+60	LT	RAMP SW (STOP)
<b>60</b>			<b>TOTAL</b>

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION EASTBOUND	OFFSET	REMARKS
573	876+44 - 1334+33		CENTER LINE (EVERY 80') ONE-WAY CRYSTAL
74	77+00 - 84+16	OUT	RAMP SW (EVERY 20') ONE-WAY CRYSTAL
50	80+16 - 99+77	IN	RAMP SW (EVERY 40') ONE-WAY AMBER
<b>WESTBOUND</b>			
573	876+44 - 1334+33		CENTER LINE (EVERY 80')
36	377+00 - 384+00	IN	RAMP NE (EVERY 20') ONE-WAY CRYSTAL
40	384+00 - 399+76	OUT	RAMP NE (EVERY 40') ONE-WAY AMBER
<b>1,347</b>			<b>TOTAL</b>

# SCHEDULE OF QUANTITIES

**78200005 GUARDRAIL REFLECTORS, TYPE A**

EACH	LOCATION	OFFSET	REMARKS
<u>EASTBOUND</u>			
4	1186+01 - 1188+38.5	OUT	MONODIRECTIONAL CRYSTAL
3	1187+06 - 1188+43.5	IN	MONODIRECTIONAL AMBER
17	1244+64 - 1257+51.5	OUT	MONODIRECTIONAL CRYSTAL
3	1255+86 - 1257+23.5	IN	MONODIRECTIONAL AMBER
13	1260+36.5 - 1270+28.5	OUT	MONODIRECTIONAL CRYSTAL
3	1269+02 - 1270+39.5	IN	MONODIRECTIONAL AMBER
<u>WESTBOUND</u>			
3	1191+43.5 - 1192+81	IN	MONODIRECTIONAL CRYSTAL
4	1191+55.5 - 1193+93	OUT	MONODIRECTIONAL AMBER
12	1247+40.5 - 1256+45	OUT	MONODIRECTIONAL AMBER
15	1259+25.5 - 1270+77.5	OUT	MONODIRECTIONAL AMBER
3	1259+53.5 - 1260+91	IN	MONODIRECTIONAL CRYSTAL
3	1272+77.5 - 1274+15	IN	MONODIRECTIONAL CRYSTAL
4	1272+90.5 - 1275+28	OUT	MONODIRECTIONAL AMBER
<u>WILMOT RD</u>			
7	121+38 - 126+00.5	RT	MONODIRECTIONAL CRYSTAL
6	121+60 - 125+86	LT	MONODIRECTIONAL CRYSTAL
6	129+55.5 - 133+55.5	LT	MONODIRECTIONAL CRYSTAL
6	129+70.5 - 133+95.5	RT	MONODIRECTIONAL CRYSTAL
<b>112</b>	<b>TOTAL</b>		

**78200010 BARRIER WALL REFLECTORS, TYPE B**

EACH	LOCATION	OFFSET	REMARKS
<u>EASTBOUND</u>			
12	969+89 - 978+38		ALBANY RD PROFILE - STAGE 1
6	1186+89 - 1191+01		ROCK CREEK STRUCTURE - STAGE 1
7	1255+81 - 1260+30		BN RR STRUCTURE - STAGE 1
5	1268+85 - 1272+35		HENRY RD STRUCTURE - STAGE 1
<u>WESTBOUND</u>			
12	970+43 - 978+92		ALBANY RD PROFILE - STAGE 1
16	1103+23 - 1115+12		WILMOT RD PROFILE - STAGE 1
2	1115+25 - 1116+24		WILMOT RD PROFILE - STAGE 2
6	1188+86 - 1192+98		ROCK CREEK STRUCTURE - STAGE 1
7	1256+49 - 1260+98		BN RR STRUCTURE - STAGE 1
5	1270+85 - 1274+35		HENRY RD STRUCTURE - STAGE 1
<b>78</b>	<b>TOTAL</b>		

**78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL**

EACH	LOCATION	OFFSET	REMARKS
<u>EASTBOUND</u>			
500	876+44 - 1334+33		
<u>WESTBOUND</u>			
500	876+44 - 1334+33		
<b>1,000</b>	<b>TOTAL</b>		

**Z0008758 AERIAL SPEED CHECK MARKING**

EQOT	LOCATION	OFFSET	REMARKS
<u>EASTBOUND</u>			
12	1145+67		3 @ 4'
12	1152+27		3 @ 4'
12	1158+87		3 @ 4'
12	1228+30		3 @ 4'
12	1288+90		3 @ 4'
12	1295+50		3 @ 4'
<u>WESTBOUND</u>			
12	1145+67		3 @ 4'
12	1152+27		3 @ 4'
12	1158+87		3 @ 4'
12	1228+30		3 @ 4'
12	1288+90		3 @ 4'
12	1295+50		3 @ 4'
<b>144</b>	<b>TOTAL</b>		

**Z006745 SLOTTED DRAIN 12" WITH 2 1/2" SLOT**

EQOT	LOCATION	OFFSET	REMARKS
<u>EASTBOUND</u>			
140	973+34 - 974+74	OUT	ALBANY RD PROFILE
<u>WESTBOUND</u>			
140	974+07 - 975+47	OUT	ALBANY RD PROFILE
93	1108+90 - 1109+83	OUT	WILMOT RD PROFILE
<b>373</b>	<b>TOTAL</b>		

**X0320157 CLEANING UNDERDRAIN OUTLETS**

EACH	LOCATION	OFFSET	REMARKS
350	876+44 - 1334+33		
<b>350</b>	<b>TOTAL</b>		



# SCHEDULE OF QUANTITIES

<u>X7830074 GROOVING FOR RECESSED PAVEMENT MARKING 7"</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	<u>EASTBOUND</u>		
11,447	876+44 - 1334+33		WHITE-DASHED CENTER LINE
	<u>WESTBOUND</u>		
11,447	876+44 - 1334+33		WHITE-DASHED CENTER LINE
22,894	TOTAL		
 <u>X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
175	399+61		RAMP NE ISLAND
150	99+61		RAMP SW ISLAND
325	TOTAL		
 <u>X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13"</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
133	399+61		RAMP NE DIAGONALS ISLAND
113	99+61		RAMP SW DIAGONALS ISLAND
246	TOTAL		
 <u>X7830090 GROOVING FOR RECESSED PAVEMENT MARKING 25"</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
15	399+58	RT	RAMP NE (STOP)
15	399+53	LT	RAMP NE (STOP)
15	399+55	RT	RAMP SW (STOP)
15	399+60	LT	RAMP SW (STOP)
60	TOTAL		

# PATCHING SCHEDULE

CLASS A PATCHES EAST BOUND													
		442002215		44200577		44200581		44200583		44213200	44213204	4421300	
STATION	REMARKS	PATCH LENGTH		HMA REMOVAL OVER PATCHES, 3 3/4" ( yd <sup>3/4</sup> )	CLASS A PATCHES TYPE 2, 12 INCH		CLASS A PATCHES TYPE 3, 12 INCH		CLASS A PATCHES TYPE 4, 12 INCH		SAW CUTS (4W+L) ( feet )	TIE BARS 3 3/4" (each)	PATCH REIN- FORCEMENT ( yd <sup>3/4</sup> )
		LT LANE (feet)	RT LANE (feet)		LT LANE ( yd <sup>3/4</sup> )	RT LANE ( yd <sup>3/4</sup> )	LT LANE ( yd <sup>3/4</sup> )	RT LANE ( yd <sup>3/4</sup> )	LT LANE ( yd <sup>3/4</sup> )	RT LANE ( yd <sup>3/4</sup> )			
882 + 17		4.5	4.5	12.0	6.0	6.0					100.5		12.0
882 + 37			4.5	6.0		6.0					52.5		6.0
885 + 13		4.5	4.5	12.0	6.0	6.0					100.5		12.0
886 + 36		4.5	4.5	12.0	6.0	6.0					100.5		12.0
892 + 24			4.5	6.0		6.0					52.5		6.0
892 + 94		4.5	4.5	12.0	6.0	6.0					100.5		12.0
909 + 28		4.5	4.5	12.0	6.0	6.0					100.5		12.0
915 + 93			4.5	6.0		6.0					52.5		6.0
920 + 11		4.5		6.0	6.0						52.5		6.0
920 + 22			4.5	6.0		6.0					52.5		6.0
928 + 32		4.5		6.0	6.0						52.5		6.0
939 + 65		4.5		6.0	6.0						52.5		6.0
940 + 30		4.5	4.5	12.0	6.0	6.0					100.5		12.0
943 + 00		4.5	4.5	12.0	6.0	6.0					100.5		12.0
945 + 50		4.5	4.5	12.0	6.0	6.0					100.5		12.0
947 + 36		4.5	4.5	12.0	6.0	6.0					100.5		12.0
953 + 59		4.5	4.5	12.0	6.0	6.0					100.5		12.0
954 + 47		4.5	4.5	12.0	6.0	6.0					100.5		12.0
956 + 8		4.5	4.5	12.0	6.0	6.0					100.5		12.0
958 + 34		6		8.0	8.0						54		8.0
958 + 45			6	8.0		8.0					54		8.0
972 + 95			4.5	6.0		6.0					52.5		6.0
973 + 58			6	8.0		8.0					54		8.0
980 + 67		8	8	21.3	10.7	10.7					104		21.3
1000 + 41		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1002 + 39		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1005 + 35		6	6	16.0	8.0	8.0					102		16.0
1006 + 94		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1007 + 30			6	8.0		8.0					54		8.0
1009 + 80		6		8.0	8.0						54		8.0
1015 + 21		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1015 + 63		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1016 + 88		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1017 + 11			4.5	6.0		6.0					52.5		6.0
1017 + 34			4.5	6.0		6.0					52.5		6.0
1029 + 19			4.5	6.0		6.0					52.5		6.0
1030 + 69		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1032 + 56		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1036 + 31		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1038 + 50			6	16.0	8.0	8.0					102		16.0
1039 + 91		4.5		6.0	6.0						52.5		6.0
1040 + 53		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1044 + 82			6	8.0	8.0						54		8.0
1045 + 4			6	8.0		8.0					54		8.0
1046 + 95		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1049 + 35			6	8.0	8.0	8.0					54		8.0
1049 + 58			6	8.0	8.0						54		8.0
1051 + 20		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1053 + 4			4.5	6.0		6.0					52.5		6.0
1059 + 71		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1063 + 94		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1068 + 36		4.5	4.5	12.0	6.0	6.0					100.5		12.0



# PATCHING SCHEDULE

## CLASS A PATCHES WEST BOUND

		442002215		44200577		44200581		44200583		44213200	44213204	4421300	
STATION	REMARKS	PATCH LENGTH		HMA REMOVAL OVER PATCHES, 3 3/4" ( yd <sup>3/4</sup> )	CLASS A PATCHES TYPE 2, 12 INCH ( yd <sup>3/4</sup> )		CLASS A PATCHES TYPE 3, 12 INCH ( yd <sup>3/4</sup> )		CLASS A PATCHES TYPE 4, 12 INCH ( yd <sup>3/4</sup> )		SAW CUTS (4W+L) ( feet )	TIE BARS 3 3/4" (each)	PATCH REIN- FORCEMENT ( yd <sup>3/4</sup> )
		LT LANE (feet)	RT LANE (feet)		LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE			
877 + 78		4.5		6.0	6.0						52.5		6.0
890 + 2			4.5	6.0		6.0					52.5		6.0
892 + 57			4.5	6.0		6.0					52.5		6.0
894 + 73		4.5	4.5	12.0	6.0	6.0					100.5		12.0
905 + 1		4.5	4.5	12.0	6.0	6.0					100.5		12.0
908 + 44		4.5	4.5	12.0	6.0	6.0					100.5		12.0
920 + 7		6	6	16.0	8.0	8.0					102		16.0
923 + 88		4.5		6.0	6.0						52.5		6.0
925 + 93		4.5	4.5	12.0	6.0	6.0					100.5		12.0
930 + 54		4.5	4.5	12.0	6.0	6.0					100.5		12.0
934 + 82		4.5	4.5	12.0	6.0	6.0					100.5		12.0
936 + 75		4.5	4.5	12.0	6.0	6.0					100.5		12.0
942 + 62		4.5		6.0	6.0						52.5		6.0
945 + 5		4.5		6.0	6.0						52.5		6.0
947 + 4		6		8.0	8.0						54		8.0
954 + 58		4.5	4.5	12.0	6.0	6.0					100.5		12.0
958 + 00		4.5	4.5	12.0	6.0	6.0					100.5		12.0
962 + 3		6	6	16.0	8.0	8.0					102		16.0
966 + 47		4.5	4.5	12.0	6.0	6.0					100.5		12.0
967 + 61			4.5	6.0		6.0					52.5		6.0
976 + 57		4.5	4.5	12.0	6.0	6.0					100.5		12.0
988 + 85		4.5	4.5	12.0	6.0	6.0					100.5		12.0
992 + 68		4.5	4.5	12.0	6.0	6.0					100.5		12.0
994 + 42		6	6	16.0	8.0	8.0					102		16.0
998 + 00			4.5	6.0		6.0					52.5		6.0
1001 + 55		4.5		6.0	6.0						52.5		6.0
1002 + 66		4.5		6.0	6.0						52.5		6.0
1003 + 92			8	10.7		10.7					56		10.7
1004 + 40			20	26.7					26.7		68	9	26.7
1005 + 74		8		10.7	10.7						56		10.7
1007 + 81		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1009 + 33			4.5	6.0		6.0					52.5		6.0
1010 + 89		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1011 + 93		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1012 + 53		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1013 + 65		6	6	16.0	8.0	8.0					102		16.0
1013 + 90		6		8.0	8.0						54		8.0
1014 + 63			4.5	6.0		6.0					52.5		6.0
1015 + 84		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1016 + 50		6	6	16.0	8.0	8.0					102		16.0
1018 + 1		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1024 + 86		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1025 + 97		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1027 + 53		6	6	16.0	8.0	8.0					102		16.0
1029 + 17			4.5	6.0		6.0					52.5		6.0
1030 + 95		4.5		6.0	6.0						52.5		6.0
1031 + 73		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1034 + 53			4.5	6.0		6.0					52.5		6.0
1036 + 31		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1037 + 3		4.5		6.0	6.0						52.5		6.0
1037 + 23		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1040 + 84			6	8.0		8.0					54		8.0
1042 + 88		14	14	37.3			18.7	18.7			110		37.3
1046 + 22		6		8.0	8.0						54		8.0
1046 + 43		6	6	16.0	8.0	8.0					102		16.0
1047 + 91		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1049 + 56		6	6	16.0	8.0	8.0					102		16.0
1054 + 2		8	8	21.3	10.7	10.7					104		21.3
1059 + 94		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1062 + 31		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1064 + 97		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1068 + 36		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1075 + 60			6	8.0		8.0					54		8.0
1075 + 66		6		8.0	8.0						54		8.0
1077 + 45		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1085 + 73		4.5	4.5	12.0	6.0	6.0					100.5		12.0
1087 + 13		6	6	16.0	8.0	8.0					102		16.0
1096 + 57			4.5	6.0		6.0					52.5		6.0
1097 + 54			6	8.0		8.0					54		8.0
1110 + 99		6		8.0	8.0						54		8.0
1112 + 3			4.5	6.0		6.0					52.5		6.0



# PATCHING SCHEDULE

CLASS A PATCHES WEST BOUND													
		442002215		44200577		44200581		44200583		44213200	44213204	4421300	
STATION	REMARKS	PATCH LENGTH		HMA REMOVAL OVER PATCHES, ( yd <sup>3/4</sup> )	CLASS A PATCHES TYPE 2, 12 INCH		CLASS A PATCHES TYPE 3, 12 INCH		CLASS A PATCHES TYPE 4, 12 INCH		SAW CUTS (4W+L) ( feet )	TIE BARS 3 3/4" (each)	PATCH REIN- FORCEMENT ( yd <sup>3/4</sup> )
		LT LANE (feet)	RT LANE (feet)		LT LANE ( yd <sup>3/4</sup> )	RT LANE ( yd <sup>3/4</sup> )	LT LANE ( yd <sup>3/4</sup> )	RT LANE ( yd <sup>3/4</sup> )	LT LANE ( yd <sup>3/4</sup> )	RT LANE ( yd <sup>3/4</sup> )			
1112	+ 15		27	36.0							75	13	36.0
1118	+ 70		4.5	6.0		6.0					52.5		6.0
1121	+ 19	6		8.0	8.0						54		8.0
1123	+ 94	6		8.0	8.0						54		8.0
1127	+ 24	4.5		6.0	6.0						52.5		6.0
1128	+ 29		6	8.0		8.0					54		8.0
1140	+ 89	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1145	+ 90	6	6	16.0	8.0	8.0					102		16.0
1151	+ 86		4.5	6.0		6.0					52.5		6.0
1157	+ 32	4.5		6.0	6.0						52.5		6.0
1158	+ 13	6	6	16.0	8.0	8.0					102		16.0
1166	+ 94		4.5	6.0		6.0					52.5		6.0
1173	+ 46	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1174	+ 29	6	6	16.0	8.0	8.0					102		16.0
1175	+ 18		4.5	6.0		6.0					52.5		6.0
1176	+ 93	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1178	+ 63	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1185	+ 99	4.5		6.0	6.0						52.5		6.0
1186	+ 7		20	26.7					26.7		68	9	26.7
1186	+ 88	4.5		6.0	6.0						52.5		6.0
1187	+ 92	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1188	+ 60	6	6	16.0	8.0	8.0					102		16.0
1188	+ 69		12	16.0			16.0				60		16.0
1191	+ 20	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1207	+ 29		4.5	6.0		6.0					52.5		6.0
1240	+ 19		4.5	6.0		6.0					52.5		6.0
1244	+ 19	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1246	+ 64		4.5	6.0		6.0					52.5		6.0
1249	+ 21	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1250	+ 66	4.5		6.0	6.0						52.5		6.0
1251	+ 72	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1251	+ 95		4.5	6.0		6.0					52.5		6.0
1256	+ 31	4.5		6.0	6.0						52.5		6.0
1266	+ 1	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1268	+ 65	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1270	+ 61	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1273	+ 20		8	10.7		10.7					56		10.7
1274	+ 63	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1279	+ 32	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1283	+ 36	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1286	+ 48	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1289	+ 50		4.5	6.0		6.0					52.5		6.0
1292	+ 53	4.5		6.0	6.0						52.5		6.0
1292	+ 93	6	6	16.0	8.0	8.0					102		16.0
1294	+ 61	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1299	+ 57		4.5	6.0		6.0					52.5		6.0
1299	+ 66	4.5		6.0	6.0						52.5		6.0
1303	+ 94	6	6	16.0	8.0	8.0					102		16.0
1305	+ 20		4.5	6.0		6.0					52.5		6.0
1305	+ 84	6	6	16.0	8.0	8.0					102		16.0
1308	+ 36	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1309	+ 38	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1312	+ 9	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1315	+ 2		4.5	6.0		6.0					52.5		6.0
1316	+ 3	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1317	+ 3	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1318	+ 31		4.5	6.0		6.0					52.5		6.0
1318	+ 56	4.5		6.0	6.0						52.5		6.0
1321	+ 26	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1321	+ 74		4.5	6.0		6.0					52.5		6.0
1322	+ 77	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1324	+ 55	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1326	+ 4	6	6	16.0	8.0	8.0					102		16.0
1327	+ 8	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1327	+ 38		31	41.3					41.3		79	15	41.3
1330	+ 21	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1330	+ 41	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1333	+ 4	4.5	4.5	12.0	6.0	6.0					100.5		12.0
1334	+ 34	4.5	4.5	12.0	6.0	6.0					100.5		12.0
		SUBTOTAL			681.3	710.0	18.7	34.7		130.7			
		TOTAL		1575.3	1391.3	710.0	18.7	34.7		130.7	11343	46	1575.3

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PATCHING SCHEDULE</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\P203\DRAWING\CAD\Sheets\0201313-sht-cover.dwg	3DRAWDATA\CAD\Sheets\0201313-sht-cover.dwg	CHECKED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	28
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64J37		

# PATCHING SCHEDULE

CLASS B PATCHES, 13 INCH						
STATION	REMARKS	LENGTH (feet)	44002210	44201007	44213200	44201299
			HMA REMOVAL OVER PATCHES, 2 1/2" ( yd <sup>3/4</sup> )	PATCHES TYPE II 13 INCH ( yd <sup>3/4</sup> )	SAW CUTS (3W+L) ( feet )	DOWEL BARS 1 1/2" (each)
<b>SOUTHWEST RAMP</b>						
78 + 93		4.5	8.0	8.0	22.5	8
79 + 91		4.5	8.0	8.0	22.5	8
83 + 90		4.5	8.0	8.0	22.5	8
84 + 18		6	10.7	10.7	24	8
84 + 86		4.5	8.0	8.0	22.5	8
85 + 18		4.5	8.0	8.0	22.5	8
86 + 90		4.5	8.0	8.0	22.5	8
87 + 20		8	14.2	14.2	26	8
88 + 12		4.5	8.0	8.0	22.5	8
88 + 56		4.5	8.0	8.0	22.5	8
89 + 22		4.5	8.0	8.0	22.5	8
89 + 60		4.5	8.0	8.0	22.5	8
90 + 47		4.5	8.0	8.0	22.5	8
94 + 19		4.5	8.0	8.0	22.5	8
95 + 3		4.5	8.0	8.0	22.5	8
96 + 21		4.5	8.0	8.0	22.5	8
97 + 1		4.5	8.0	8.0	22.5	8
97 + 20		6	10.7	10.7	24	8
98 + 13		4.5	8.0	8.0	22.5	8
<b>SOUTHEAST RAMP</b>						
200 + 80		4.5	8.0	8.0	22.5	8
201 + 00		4.5	8.0	8.0	22.5	8
201 + 48		4.5	8.0	8.0	22.5	8
202 + 47		4.5	8.0	8.0	22.5	8
202 + 71		4.5	8.0	8.0	22.5	8
203 + 3		4.5	8.0	8.0	22.5	8
203 + 46		4.5	8.0	8.0	22.5	8
204 + 00		4.5	8.0	8.0	22.5	8
204 + 60		4.5	8.0	8.0	22.5	8
204 + 99		4.5	8.0	8.0	22.5	8
205 + 48		4.5	8.0	8.0	22.5	8
206 + 45		4.5	8.0	8.0	22.5	8
207 + 34		4.5	8.0	8.0	22.5	8
208 + 52		4.5	8.0	8.0	22.5	8
209 + 38		4.5	8.0	8.0	22.5	8
<b>NORTHWEST RAMP</b>						
300 + 88		4.5	8.0	8.0	22.5	8
301 + 25		4.5	8.0	8.0	22.5	8
301 + 85		4.5	8.0	8.0	22.5	8
301 + 99		4.5	8.0	8.0	22.5	8
302 + 46		4.5	8.0	8.0	22.5	8
303 + 50		4.5	8.0	8.0	22.5	8
305 + 4		4.5	8.0	8.0	22.5	8
305 + 69		4.5	8.0	8.0	22.5	8
306 + 5		4.5	8.0	8.0	22.5	8
306 + 33		4.5	8.0	8.0	22.5	8
306 + 95		4.5	8.0	8.0	22.5	8
307 + 17		4.5	8.0	8.0	22.5	8
307 + 55		4.5	8.0	8.0	22.5	8
307 + 98		4.5	8.0	8.0	22.5	8
308 + 58		4.5	8.0	8.0	22.5	8
309 + 56		6	10.7	10.7	24	8
309 + 81		4.5	8.0	8.0	22.5	8
<b>NORTHEAST RAMP</b>						
382 + 97		6	10.7	10.7	24	8
383 + 92		6	10.7	10.7	24	8
385 + 95		4.5	8.0	8.0	22.5	8
386 + 93		4.5	8.0	8.0	22.5	8
387 + 50		4.5	8.0	8.0	22.5	8
387 + 89		4.5	8.0	8.0	22.5	8
388 + 11		4.5	8.0	8.0	22.5	8
388 + 56		4.5	8.0	8.0	22.5	8
388 + 91		4.5	8.0	8.0	22.5	8
389 + 61		4.5	8.0	8.0	22.5	8
390 + 43		4.5	8.0	8.0	22.5	8
392 + 65		4.5	8.0	8.0	22.5	8
392 + 92		4.5	8.0	8.0	22.5	8
393 + 93		4.5	8.0	8.0	22.5	8
396 + 50		4.5	8.0	8.0	22.5	8
<b>TOTAL</b>			547.6	547.6	1496.0	528.0

# HOT-MIX ASPHALT SCHEDULE

LOCATION			REMARKS	PAVEMENT					AGGREGATE SUBGRADE IMPROVEMENT 12"	STABILIZED SUBBASE 4"	HOT MIX ASPHALT BASE COURSE, 8"	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED LEVELING BINDER (HAND METHOD), N90	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TEMPORARY RAMP	POLYMERIZED HMA BIND CSE IL-19.0 N90	HMA SURFACE COURSE, MIX "C" N50	POLYMERIZED HMA SURFACE COURSE MIX "D" N90	CONTINUOUSLY REINFORCED PCC PAVEMET 8"	PAVEMENT REINFORCEMNT	
				LENGTH	WIDTH	MAINLINE SHOULDERS (10' OUT 6' IN)	AREA	DECEL LANE AREA													FT
STA TO STA																					
WEST BOUND																					
876 +43.7	-	926 +65.6		5021.92	24	16	13671					15128.5	9.5		27.8	1723	750	1148			
926 +65.6	-	933 +55.5	DECELERATION LANE	689.9	24	16	1878	699	1361	2070	250	2078.3	1.3			237	162	158	699	699	
933 +55.5	-	971 +94.0		3838.48	24	16	10449					11563.4	7.3			1317	573	878			
971 +94.0	-	976 +14.0	• PROFILE ADJUSTMENT	420	24	16	1143		1913	1260		1265.3	0.8			144	63	96	1143	1143	
976 +14.0	-	1008 +84.4		3270.37	24	16	8903					9852.0	6.2			1122	488	748			
1008 +84.4	-	1015 +74.7	DECELERATION LANE	690.29	24	16	1879	729	1369	2071	257	2079.5	1.3			237	164	158	729	729	
1015 +74.7	-	1105 +32.0		8957.34	24	16	24384					26984.0	17.0			3072	1338	2048			
1105 +32.0	-	1113 +39.0	PROFILE ADJUSTMENT	807	24	16	2197		3676	2421		2431.1	1.5			277	121	185	2197	2197	
1113 +39.0	-	1142 +09.3		2870.29	24	16	7814					8646.7	5.4			985	429	656			
1142 +09.3	-	1148 +94.3	DECELERATION LANE	684.99	24	16	1865	708	1349	2055	246	2063.5	1.3			235	162	157	708	708	
1148 +94.3	-	1188 +94.0		3999.72	24	16	10888					12049.2	7.6		27.8	1372	597	915			
1188 +94.0	-	1191 +29.0	BRIDGE OMISSION	235	24	16	640														
1191 +29.0	-	1256 +90.0		6561	24	16	17861					19765.0	12.4		27.8	2250	980	1500			
1256 +90.0	-	1259 +23.0	BRIDGE OMISSION	233	24	16	634														
1259 +23.0	-	1270 +90.0		1167	24	16	3177					3515.6	2.2		27.8	400	174	267			
1270 +90.0	-	1272 +65.2	BRIDGE OMISSION	175.22	24	16	477														
1272 +65.2	-	1334 +33.4		6168.18	24	16	16791					18581.6	11.7		27.8	2116	921	1410			
EAST BOUND																					
876 +43.7	-	920 +50.5		4406.78	24	16	11996					13275.4	8.3			1512	658	1008			
920 +50.5	-	927 +35.6	DECELERATION LANE	685.14	24	16	1865	710	1104	2055		2064.0	1.3			235	162	157	710	710	
927 +35.6	-	972 +67.0		4531.38	24	16	12335					13650.8	8.6			1554	677	1036			
972 +67.0	-	976 +87.0	PROFILE ADJUSTMENT	420	24	16	1143		1913	1260		1265.3	0.8			144	63	96	1143	1143	
976 +87.0	-	1002 +69.7		2582.71	24	16	7031					7780.4	4.9			886	386	591			
1002 +69.7	-	1009 +69.6	DECELERATION LANE	699.92	24	16	1905	774	1128	2100		2108.5	1.3			240	170	160	774	774	
1009 +69.6	-	1135 +94.3		12625	24	16	34367					38031.8	23.9			4330	1885	2887			
1135 +94.3	-	1142 +84.3	DECELERATION LANE	689.99	24	16	1878	706	1112	2070		2078.6	1.3			237	162	158	706	706	
1142 +84.3	-	1188 +64.0		4579.73	24	16	12467					13796.4	8.7		27.8	1571	684	1047			
1188 +64.0	-	1190 +93.0	BRIDGE OMISSION	229	24	16	623														
1190 +93.0	-	1257 +56.0		6663	24	16	18138					20072.3	12.6		27.8	2285	995	1524			
1257 +56.0	-	1260 +04.0	BRIDGE OMISSION	248	24	16	675														
1260 +04.0	-	1270 +54.5		1050	24	16	2860					3164.5	2.0		27.8	360	157	240			
1270 +54.5	-	1272 +29.0	BRIDGE OMISSION	175	24	16	475														
1272 +29.0	-	1334 +33.4		6204	24	16	16890					18690.8	11.8		27.8	2128	927	1419			
SUBTOTAL								13565	15292	503	254776	160	0	222	29008	12934	19339	8111	8111		

# HOT-MIX ASPHALT SCHEDULE

LOCATION		REMARKS	PAVEMENT				PAVEMENT REMOVAL	HMA SURFACE REMOVAL 2 1/2"	HMA SURFACE REMOVAL 3 3/4"	PAVED SHOULDER REMOVAL	AGGREGATE SHOULDERS, TYPE A 8"	AGGREGATE WEDGE SHOULDER, TYPE B	HMA SHOULDERS 2 1/4"	HMA SHOULDERS 6 1/2"	SHOULDER RUMBLE STRIPS, 16 INCH	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, SPECIAL
			LENGTH	WIDTH	MAINLINE SHOULDERS (10' OUT 6' IN)	AREA												
STA TO STA			FT	FT	FT	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	TON	SO YD	SO YD	FOOT	FOOT	TON	SO YD
WEST BOUND																		
876 +43.7	- 926 +65.6		5021.92	24	16	13671									10044	10044	3621	279
926 +65.6	- 933 +55.5	DECELERATION LANE	689.9	24	16	1878	699	187			153				1380	1380	556	38
933 +55.5	- 971 +94.0		3838.48	24	16	10449									7677	7677	2768	213
971 +94.0	- 976 +14.0	• PROFILE ADJUSTMENT	420	24	16	1143		1143			119				840	840	303	23
976 +14.0	- 1008 +84.4		3270.37	24	16	8903									6541	6541	2358	182
1008 +84.4	- 1015 +74.7	DECELERATION LANE	690.29	24	16	1879	729	213			153				1381	1381	559	38
1015 +74.7	- 1105 +32.0		8957.34	24	16	24384									17915	17915	6458	498
1105 +32.0	- 1113 +39.0	PROFILE ADJUSTMENT	807	24	16	2197		2197			179				1614	1614	582	45
1113 +39.0	- 1142 +09.3		2870.29	24	16	7814									5741	5741	2069	159
1142 +09.3	- 1148 +94.3	DECELERATION LANE	684.99	24	16	1865	708	179			152				1370	1370	553	38
1148 +94.3	- 1188 +94.0		3999.72	24	16	10888									7999	7999	2884	222
1188 +94.0	- 1191 +29.0	BRIDGE OMISSION	235	24	16	640												
1191 +29.0	- 1256 +90.0		6561	24	16	17861									13122	13122	4730	365
1256 +90.0	- 1259 +23.0	BRIDGE OMISSION	233	24	16	634												
1259 +23.0	- 1270 +90.0		1167	24	16	3177									2334	2334	841	65
1270 +90.0	- 1272 +65.2	BRIDGE OMISSION	175.22	24	16	477												
1272 +65.2	- 1334 +33.4		6168.18	24	16	16791									12336	12336	4447	343
EAST BOUND																		
876 +43.7	- 920 +50.5		4406.78	24	16	11996									8814	8814	3177	245
920 +50.5	- 927 +35.6	DECELERATION LANE	685.14	24	16	1865	710				152				1370	1370	554	38
927 +35.6	- 972 +67.0		4531.38	24	16	12335									9063	9063	3267	252
972 +67.0	- 976 +87.0	PROFILE ADJUSTMENT	420	24	16	1143		1143			93				840	840	303	23
976 +87.0	- 1002 +69.7		2582.71	24	16	7031									5165	5165	1862	143
1002 +69.7	- 1009 +69.6	DECELERATION LANE	699.92	24	16	1905	774				156				1400	1400	570	39
1009 +69.6	- 1135 +94.3		12625	24	16	34367									25249	25249	9102	701
1135 +94.3	- 1142 +84.3	DECELERATION LANE	689.99	24	16	1878	706				153				1380	1380	557	38
1142 +84.3	- 1188 +64.0		4579.73	24	16	12467									9159	9159	3302	254
1188 +64.0	- 1190 +93.0	BRIDGE OMISSION	229	24	16	623												
1190 +93.0	- 1257 +56.0		6663	24	16	18138									13326	13326	4804	370
1257 +56.0	- 1260 +04.0	BRIDGE OMISSION	248	24	16	675												
1260 +04.0	- 1270 +54.5		1050	24	16	2860									2101	2101	757	58
1270 +54.5	- 1272 +29.0	BRIDGE OMISSION	175	24	16	475												
1272 +29.0	- 1334 +33.4		6204	24	16	16890									12409	12409	4473	345
SUBTOTAL							4875	0	380578	5254	1158	12069	150377	2953	169146	169146	61282	4698

# HOT-MIX ASPHALT SCHEDULE

LOCATION			REMARKS	PAVEMENT				AGGREGATE SUBGRADE IMPROVEMENT 12"	STABILIZED SUBBASE 4"	HOT MIX ASPHALT BASE COURSE, 8"	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED LEVELING BINDER (HAND METHOD), N90	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TEMPORARY RAMP	POLYMERIZED HMA BIND CSE IL-19.0 N90	HMA SURFACE COURSE, MIX "C" N50	POLYMERIZED HMA SURFACE COURSE MIX "D" N90	CONTINUOUSLY REINFORCED PCC PAVEMENT 8"	PAVEMENT REINFORCEMENT
				LENGTH	WIDTH	RAMP SHOULDERS (6' OUT 4' IN)	AREA												
STA TO STA				FT	FT	FT	SQ YD	SQ YD	SQ YD	POUND	TON	TON	SQ YD	TON	TON	TON	SQ YD	SQ YD	
NORTHWEST RAMP																			
300	+22.9	- 309 +03.8		880.96	16	10	1767	1091		23.8	1.7	192.2	18.1			231			
309	+03.8	- 321 +20.4	TAPER & GORE	1216.51	16	10	1824	991		23.5	2.3	222.3				267			
SOUTHWEST RAMP												0.0							
77	+43.4	- 84 +66.6	TAPER & GORE	723.21	16	10	1525	620		17.9	1.4	163.0				196			
84	+66.6	- 99 +76.3		1509.67	16	10	2992	1735		39.4	2.9	326.8	18.1			392			
NORTHEAST RAMP												0.0							
377	+31.8	- 385 +45.0	TAPER & GORE	813.23	16	10	1690	588		19.0	1.5	181.6				218			
385	+45.0	- 399 +75.7		1430.7	16	10	2815	1662		37.3	2.7	308.3	18.1			370			
SOUTHEAST RAMP												0.0							
200	+23.1	- 208 +74.2		851.05	16	10	1614	1066		22.3	1.6	179.2	18.1			215			
208	+74.2	- 221 +25.6	TAPER & GORE	1251.41	16	10	1815	872		22.4	2.4	224.4				269			
SUBTOTAL								0	0	0	206	16	1798	72	0	0	2157	0	0

LOCATION			REMARKS	PAVEMENT				PAVEMENT REMOVAL	HMA SURFACE REMOVAL 2 1/2"	HMA SURFACE REMOVAL 3 3/4"	PAVED SHOULDER REMOVAL	AGGREGATE SHOULDERS, TYPE A 8"	AGGREGATE WEDGE SHOULDER, TYPE B	HMA SHOULDERS 2 1/4"	HMA SHOULDERS 6 1/2"	SHOULDER RUMBLE STRIPS, 16 INCH	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, SPECIAL
				LENGTH	WIDTH	RAMP SHOULDERS (6' OUT 4' IN)	AREA												
STA TO STA				FT	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	FOOT	FOOT	TON	SQ YD	
NORTHWEST RAMP																			
300	+22.9	- 309 +03.8		880.96	16	10	1767	1091		2857		84			1762	1762	423		
309	+03.8	- 321 +20.4	TAPER & GORE	1216.51	16	10	1824	991		1824		115			2433	2433	489		
SOUTHWEST RAMP																			
77	+43.4	- 84 +66.6	TAPER & GORE	723.21	16	10	1525	620		2329		69			1446	1446	359		
84	+66.6	- 99 +76.3		1509.67	16	10	2992	1735		4726		143			3019	3019	719		
NORTHEAST RAMP																			
377	+31.8	- 385 +45.0	TAPER & GORE	813.23	16	10	1690	588		2594		77			1626	1626	399		
385	+45.0	- 399 +75.7		1430.7	16	10	2815	1662		4477		136			2861	2861	678		
SOUTHEAST RAMP																			
200	+23.1	- 208 +74.2		851.05	16	10	1614	1066		2680		81			1702	1702	394		
208	+74.2	- 221 +25.6	TAPER & GORE	1251.41	16	10	1815	872		3206		119			2503	2503	494		
SUBTOTAL								0	14740	9952	0	0	823	0	0	17353	17353	3955	0

# HORIZONTAL & VERTICAL CONTROL

Chain I88 contains:  
A064263 CUR A064270 CUR A064280 CUR A064290 CUR A064300 CUR A064310 A064322

Beginning chain I88 description  
=====

Point A064263 N 1,819,573.0509 E 2,302,759.4820 Sta 796+39.02

Course from A064263 to PC A064270 N 24° 43' 27.6559" E Dist 5,371.6958'

Curve Data  
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**Curve A064270**  
P.I. Station 862+67.38 N 1,825,593.7925 E 2,305,531.8142  
Delta = 24° 43' 05.0718" (RT)  
Degree = 0° 59' 56.4814"  
Tangent = 1,256.6641'  
Length = 2,474.2258'  
Radius = 5,735.1834'  
External = 136.0629'  
Long Chord = 2,455.0832'  
Mid. Ord. = 132.9097'  
P.C. Station 850+10.71 N 1,824,452.3261 E 2,305,006.2105  
P.T. Station 874+84.94 N 1,826,410.8903 E 2,306,486.5685  
C.C. N 1,822,053.5677 E 2,310,215.6527

Course from PT A064270 to PC A064280 N 49° 26' 32.7277" E Dist 2,832.6123'

Curve Data  
\*\*\*\*\*

**Curve A064280**  
P.I. Station 917+18.40 N 1,829,163.5396 E 2,309,702.9563  
Delta = 40° 14' 53.6695" (RT)  
Degree = 1° 29' 55.3324"  
Tangent = 1,400.8530'  
Length = 2,685.5374'  
Radius = 3,823.0231'  
External = 248.5730'  
Long Chord = 2,630.6605'  
Mid. Ord. = 233.3975'  
P.C. Station 903+17.55 N 1,828,252.6884 E 2,308,638.6541  
P.T. Station 930+03.09 N 1,829,171.1027 E 2,311,103.7889  
C.C. N 1,825,348.1353 E 2,311,124.4289

Course from PT A064280 to PC A064290 N 89° 41' 26.3972" E Dist 6,409.5995'

Curve Data  
\*\*\*\*\*

**Curve A064290**  
P.I. Station 1022+91.39 N 1,829,221.2490 E 2,320,391.9596  
Delta = 41° 16' 59.4508" (LT)  
Degree = 0° 44' 59.1555"  
Tangent = 2,878.7066'  
Length = 5,506.1462'  
Radius = 7,641.8274'  
External = 524.2290'  
Long Chord = 5,387.8097'  
Mid. Ord. = 490.5756'  
P.C. Station 994+12.69 N 1,829,205.7073 E 2,317,513.2950  
P.T. Station 1049+18.83 N 1,831,132.2166 E 2,322,544.9006  
C.C. N 1,836,847.4233 E 2,317,472.0377

Course from PT A064290 to PC A064300 N 48° 24' 26.9465" E Dist 4,535.0898'

Curve Data  
\*\*\*\*\*

**Curve A064300**  
P.I. Station 1116+33.21 N 1,835,589.4094 E 2,327,566.4789  
Delta = 41° 40' 16.0968" (RT)  
Degree = 1° 00' 02.0641"  
Tangent = 2,179.2841'  
Length = 4,164.7259'  
Radius = 5,726.2947'  
External = 400.6727'  
Long Chord = 4,073.5398'  
Mid. Ord. = 374.4708'  
P.C. Station 1094+53.92 N 1,834,142.7385 E 2,325,936.6254  
P.T. Station 1136+18.65 N 1,835,586.4189 E 2,329,745.7609  
C.C. N 1,829,860.1296 E 2,329,737.9031

Course from PT A064300 to PC A064310 S 89° 55' 16.9567" E Dist 2,372.3615'

Curve Data  
\*\*\*\*\*

**Curve A064310**  
P.I. Station 1169+01.71 N 1,835,581.9138 E 2,333,028.8224  
Delta = 18° 00' 29.1542" (LT)  
Degree = 0° 59' 48.8843"  
Tangent = 910.7031'  
Length = 1,806.3874'  
Radius = 5,747.3239'  
External = 71.7063'  
Long Chord = 1,798.9614'  
Mid. Ord. = 70.8226'  
P.C. Station 1159+91.01 N 1,835,583.1635 E 2,332,118.1203  
P.T. Station 1177+97.40 N 1,835,862.2702 E 2,333,895.2983  
C.C. N 1,841,330.4820 E 2,332,126.0069

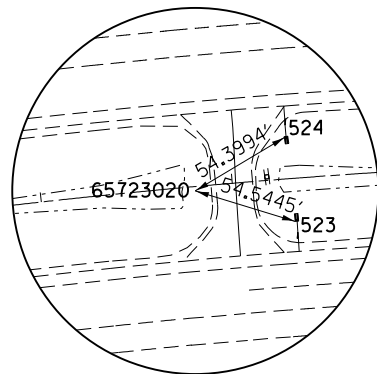
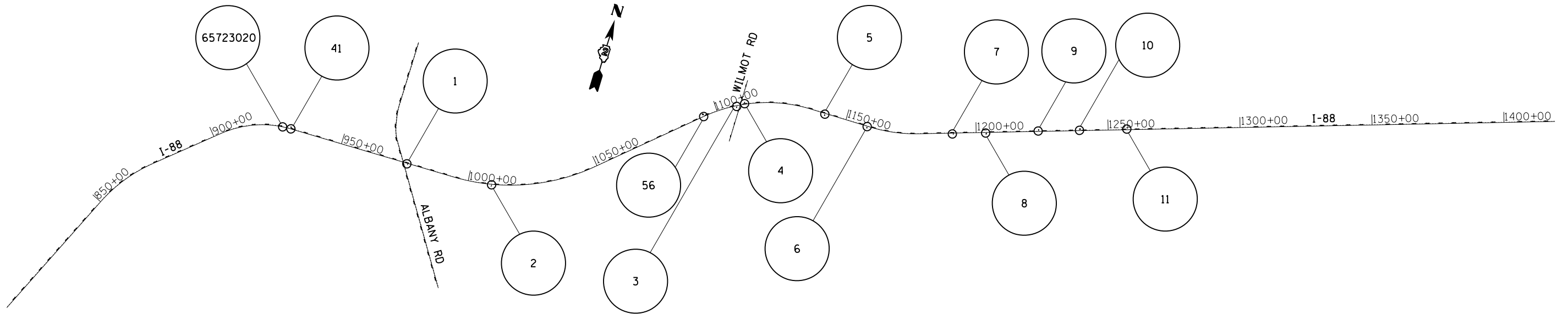
Course from PT A064310 to A064322 N 72° 04' 13.8891" E Dist 24,128.7077'

Point A064322 N 1,843,290.1991 E 2,356,852.2233 Sta 1419+26.11

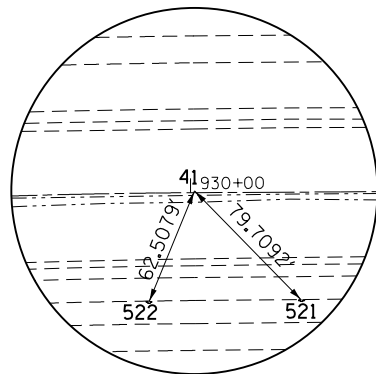
=====  
Ending chain I88 description

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
I88	A064270	064270	64271	64272	64273
I88	A064280	064280	64281	64282	64283
I88	A064290	064290	64291	64292	64293
I88	A064300	064300	64301	64302	64303
I88	A064310	064310	64311	64312	64313

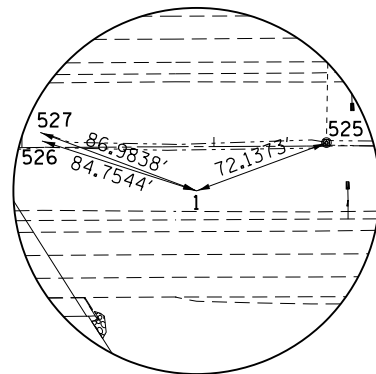
# HORIZONTAL & VERTICAL CONTROL



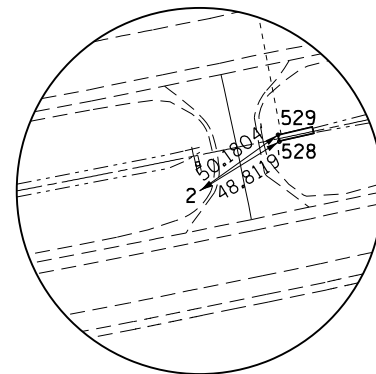
HORIZONTAL CONTROL  
POINT NO. 65723020



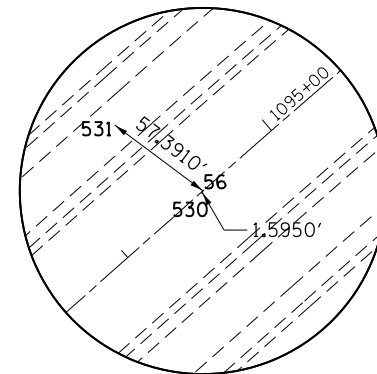
HORIZONTAL CONTROL  
POINT NO. 41



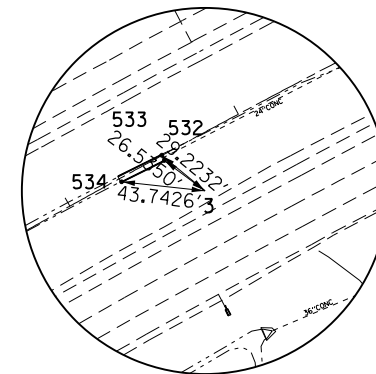
HORIZONTAL CONTROL  
POINT NO. 1



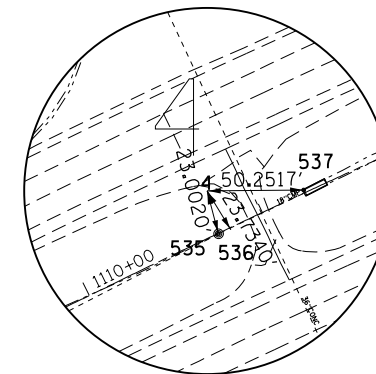
HORIZONTAL CONTROL  
POINT NO. 2



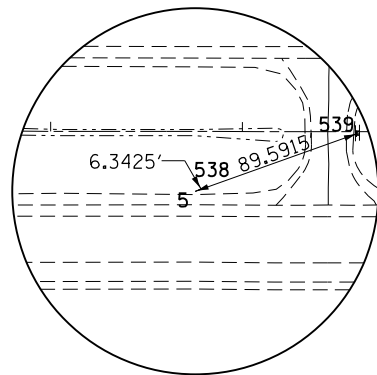
HORIZONTAL CONTROL  
POINT NO. 56



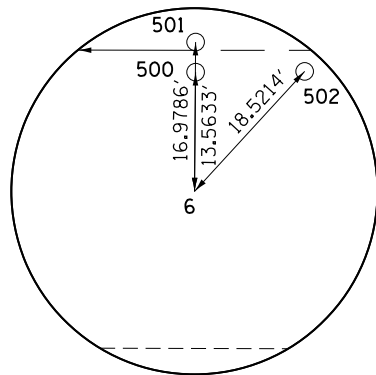
HORIZONTAL CONTROL  
POINT NO. 3



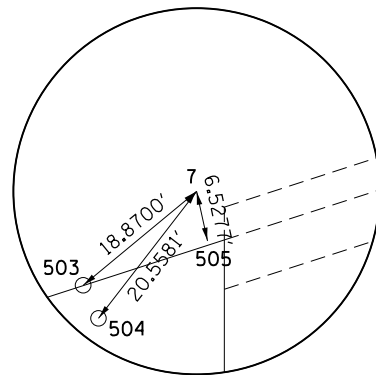
HORIZONTAL CONTROL  
POINT NO. 4



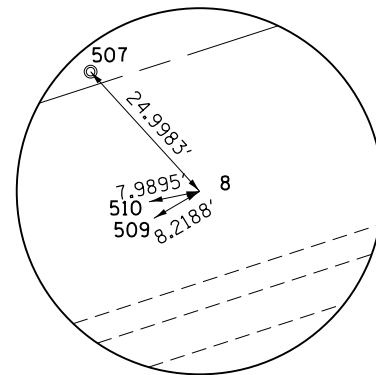
HORIZONTAL CONTROL  
POINT NO. 5



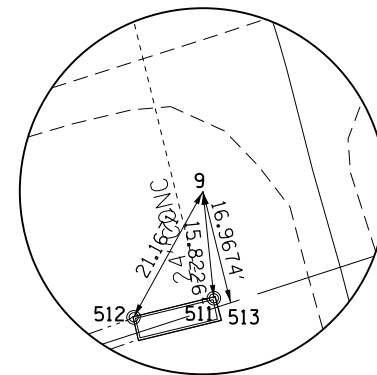
HORIZONTAL CONTROL  
POINT NO. 6



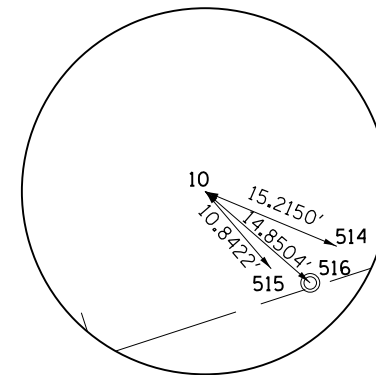
HORIZONTAL CONTROL  
POINT NO. 7



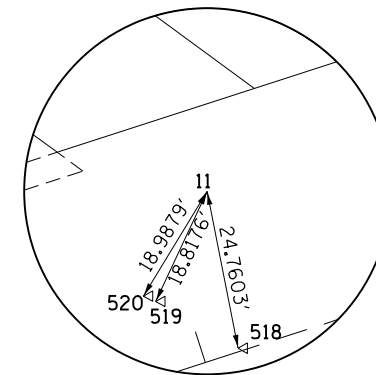
HORIZONTAL CONTROL  
POINT NO. 8



HORIZONTAL CONTROL  
POINT NO. 9



HORIZONTAL CONTROL  
POINT NO. 10



HORIZONTAL CONTROL  
POINT NO. 11

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HORIZONTAL &amp; VERTICAL CONTROL</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2203\DRAN\Drawings\CAD\Drawings\2201313-sht-ATB.dgn	CHECKED -	REVISED -		88	(195-1)RS-1	WHITESIDE	140	34				
	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 64J37				
	PLOT DATE = 3/28/2017				ILLINOIS FED. AID PROJECT								

# HORIZONTAL & VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1829172.7944	2315691.6014	588.8250	I88	975+90.8426	23.0773' RT	GPS CONTROL POINT, PIN
2	1829339.8587	2318993.7113	596.6462	I88	1008+99.6144	18.3956' RT	GPS CONTROL POINT, PIN
3	1834870.3477	2327021.3209	591.8541	I88	1107+65.7307	26.9873' RT	GPS CONTROL POINT, PIN
4	1835055.9629	2327278.0482	590.9502	I88	1110+78.8229	22.4069' LT	GPS CONTROL POINT, PIN
5	1835554.4837	2330302.5372	592.3054	I88	1141+75.4688	31.1712' RT	GPS CONTROL POINT, PIN
6	1835567.3199	2331974.3252	592.4190	I88	1158+47.2376	16.0409' RT	GPS CONTROL POINT, PIN
7	1836232.9431	2335141.5367	603.7743	I88	1190+97.2247	30.9781' RT	GPS CONTROL POINT, PIN
8	1836631.4284	2336339.3631	597.3328	I88	1203+59.5522	20.5909' RT	GPS CONTROL POINT, PIN
9	1837279.7419	2338221.4189	594.3956	I88	1223+49.7890	16.8544' LT	GPS CONTROL POINT, PIN
10	1837758.6122	2339713.1670	596.3921	I88	1239+16.5104	13.2401' LT	GPS CONTROL POINT, PIN
11	1838321.5331	2341414.4043	626.9738	I88	1257+08.4221	25.1041' LT	GPS CONTROL POINT, PIN
41	1829171.9956	2311102.7237	584.1991	I88	930+02.0277	0.8988' LT	PERM. SURVEY MARKER, DISK
56	1834141.6790	2325935.4387	588.8276	I88	1094+52.3325	0.0046' RT	PERM. SURVEY MARKER, DISK
65723020	1829153.4600	2310781.8200	585.4671	I88	926+80.4512	2.3063' RT	DISTRICT NETWORK MONUMENT, PERM. SURVEY MARKER

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
438	1827126.0070	2307542.1826	582.0918	I88	887+51.9215	143.0608' RT	PERM. SURVEY MARKER, PLUG
439	1828761.8822	2309760.8484	582.6618	I88	915+70.8956	147.0171' RT	PERM. SURVEY MARKER, PLUG
441	1829171.9956	2311102.7237	584.1621	I88	930+02.0277	0.8988' LT	PERM. SURVEY MARKER, DISK
442	1829028.7218	2312190.7340	586.1965	I88	940+89.2484	148.2471' RT	PERM. SURVEY MARKER, PLUG
444	1829025.5569	2313400.9747	586.2201	I88	952+99.4544	157.9458' RT	PERM. SURVEY MARKER, PLUG
445	1829188.1108	2314271.8765	586.8584	I88	961+71.2211	0.0962' RT	PERM. SURVEY MARKER, POT
446	1828966.0396	2314701.9442	583.9856	I88	966+00.0836	224.486' RT	PERM. SURVEY MARKER, PLUG
454	1831712.3731	2323407.0404	586.5492	I88	1059+48.7393	138.4227' RT	PERM. SURVEY MARKER, PLUG
456	1834141.6790	2325935.4387	588.8335	I88	1094+52.3325	0.0046' RT	PERM. SURVEY MARKER, DISK
457	1834447.7091	2326567.6644	589.7621	I88	1101+48.1424	149.8891' RT	PERM. SURVEY MARKER, PLUG
458	1835264.4140	2328326.7577	589.1606	I88	1121+48.2204	140.8116' RT	PERM. SURVEY MARKER, PLUG
WHA400	1829193.6800	2315516.9990	594.3599	I88	974+16.3555	1.2493' RT	HEADWALL, CHISELED SQUARE
WHA401	1829365.7351	2319035.1472	596.9623	I88	1009+45.3567	1.4029' RT	HEADWALL, CHISELED SQUARE
WHA402	1834956.7300	2327129.6270	595.5881	I88	1109+02.1539	1.0489' RT	HEADWALL, CHISELED SQUARE
WHA403	1835584.1250	2329788.1425	588.4452	I88	1136+61.0339	2.2358' RT	HEADWALL, CHISELED SQUARE
WHA404	1835585.9966	2330975.2794	588.5456	I88	1148+48.1671	1.2649' LT	HEADWALL, CHISELED SQUARE
WHA405	1835643.7775	2332972.5814	593.1544	I88	1168+48.2585	2.0496' RT	HEADWALL, CHISELED SQUARE
WHA406	1836174.3522	2335115.0295	607.2712	I88	1190+53.9679	78.5634' RT	TOP OF WINGWALL, DISK
WHA407	1837078.8008	2338037.7425	591.2354	I88	1221+13.1737	117.7842' RT	HEADWALL, CHISELED SQUARE
WHA408	1838309.8526	2341712.8288	630.0710	I88	1259+88.7582	77.878' RT	TOP OF WINGWALL, CHISELED SQUARE
WHA409	1838680.0313	2342856.4678	613.5994	I88	1271+90.8158	77.7414' RT	TOP OF WINGWALL, DISK
WHA410	1839291.0600	2344851.9400	593.5202	I88	1292+77.4830	110.685' RT	HEADWALL, CHISELED SQUARE

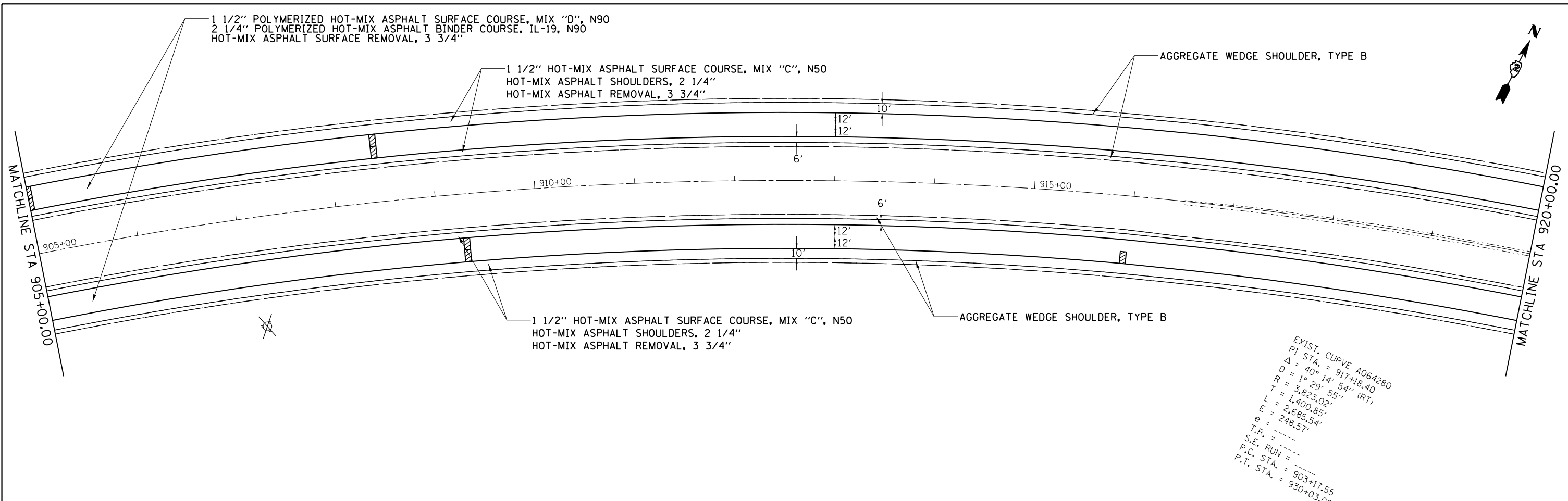


# HORIZONTAL & VERTICAL CONTROL

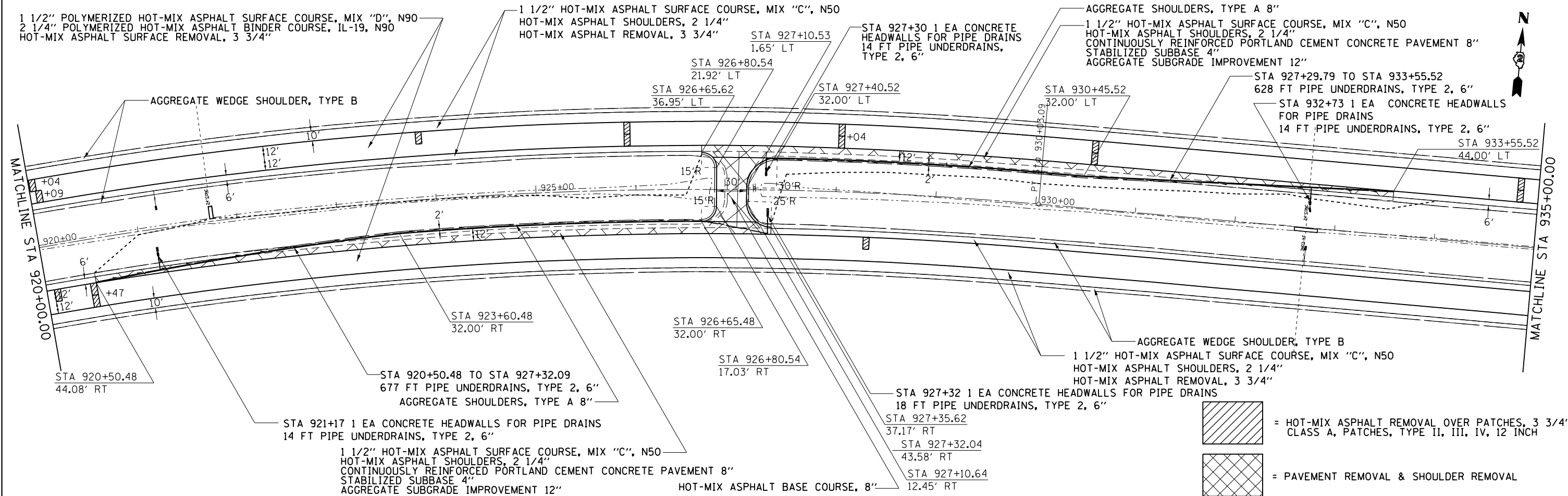
REFERENCE TIES						
POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
500	1835580.8825	2331974.4655	I88	1158+47.3593	2.4781' RT	CATCH BASIN GRATE, CORNER
501	1835584.2979	2331974.4629	I88	1158+47.3520	0.9373' LT	CATCH BASIN GRATE, CORNER
502	1835580.9627	2331986.8518	I88	1158+59.7455	2.3809' RT	CATCH BASIN GRATE, CORNER
503	1836220.9087	2335127.0022	I88	1190+79.6914	37.9536' RT	CATCH BASIN GRATE, CORNER
504	1836216.6739	2335128.9690	I88	1190+80.2590	42.5882' RT	CATCH BASIN GRATE, CORNER
505	1836226.5670	2335142.9355	I88	1190+96.5928	37.4751' RT	BACK OF DEPRESSED CURB, END
507	1836649.8948	2336322.5136	I88	1203+49.2058	2.1657' LT	MANHOLE GRATE, CENTER
509	1836627.2794	2336332.2684	I88	1203+51.5248	22.3544' RT	STANDARD OUTLET, CORNER
510	1836629.8267	2336331.5358	I88	1203+51.6120	19.7052' RT	STANDARD OUTLET, CORNER
511	1837264.0016	2338223.0307	I88	1223+46.4769	1.3823' LT	MANHOLE GRATE, CORNER
512	1837261.1917	2338211.2240	I88	1223+34.3786	2.3435' LT	MANHOLE GRATE, CORNER
513	1837263.2808	2338225.5328	I88	1223+48.6356	0.0737' RT	FENCE POST, PAINTED
514	1837752.7513	2339727.2079	I88	1239+28.0652	3.3414' LT	MISC. CONCRETE SLAB, CORNER
515	1837750.3729	2339720.2145	I88	1239+20.6792	3.2314' LT	MISC. CONCRETE SLAB, CORNER
516	1837748.8601	2339724.3666	I88	1239+24.1640	0.5138' LT	MANHOLE LID, CENTER
517	1838258.0188	2341306.6534	I88	1255+86.3514	2.155' RT	GUARDRAIL STEEL PLATE BEAM, END
518	1838297.2402	2341419.1927	I88	1257+05.4995	0.5168' LT	FLARED END SECTION, CORNER
519	1838304.4850	2341406.4379	I88	1256+95.5944	11.3363' LT	FLARED END SECTION, CORNER
520	1838305.3111	2341404.5359	I88	1256+94.0391	12.7078' LT	FLARED END SECTION, CORNER
521	1829115.0540	2311158.5019	I88	930+57.4975	56.3432' RT	CORNER
522	1829114.1467	2311079.0437	I88	929+77.6579	56.7382' RT	CORNER
523	1829137.5826	2310834.0025	I88	927+31.3000	22.4628' RT	STANDARD OUTLET, CORNER
524	1829181.4089	2310828.4907	I88	927+29.1654	21.6571' LT	STANDARD OUTLET, CORNER
525	1829197.8326	2315759.2540	I88	976+58.6294	1.5953' LT	MANHOLE GRATE, CENTER
526	1829198.8923	2315610.9651	I88	975+10.3484	3.4556' LT	MISC. CONCRETE SLAB, CORNER
527	1829203.2352	2315610.1180	I88	975+09.5248	7.803' LT	MISC. CONCRETE SLAB, CORNER
528	1829365.5769	2319035.1984	I88	1009+45.3744	1.5682' RT	MANHOLE GRATE, CORNER
529	1829369.1202	2319034.4769	I88	1009+45.3928	2.0477' LT	MANHOLE GRATE, CORNER
530	1834140.2223	2325934.7891	I88	1094+50.8797	0.6628' RT	FENCE POST
531	1834176.0359	2325889.4677	I88	1094+40.7586	56.2073' LT	FENCE POST
532	1834888.9458	2326998.7797	I88	1107+54.7799	0.1169' LT	MANHOLE GRATE, CORNER
533	1834886.2735	2327000.0965	I88	1107+54.6580	2.8598' RT	MANHOLE GRATE, CORNER
534	1834875.1484	2326977.8425	I88	1107+29.7851	1.9303' RT	MANHOLE GRATE, CORNER
535	1835033.7101	2327283.8709	I88	1110+74.5635	0.1957' RT	MANHOLE GRATE, CENTER
536	1835035.6887	2327290.3876	I88	1110+81.3008	1.197' RT	FENCE POST
537	1835056.4573	2327328.2975	I88	1111+24.4394	1.5339' LT	MANHOLE GRATE, CORNER
538	1835556.8422	2330308.4249	I88	1141+81.3533	28.8046' RT	FENCE POST
539	1835584.5791	2330386.9226	I88	1142+59.8128	0.96' RT	SIGN

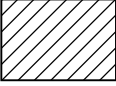
SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
WHA100	1828813.3840	2316114.5059	598.4305	I88	980+11.8006	384.7657' RT	TOPO SURVEY POINT, NAIL
WHA101	1828943.7400	2316317.0267	594.5820	I88	982+15.0222	255.5049' RT	TOPO SURVEY POINT, NAIL
WHA102	1829864.6227	2315508.1640	599.3157	I88	974+11.1430	669.7313' LT	TOPO SURVEY POINT, NAIL
WHA103	1829783.2483	2315329.9498	600.9691	I88	972+32.4921	589.3202' LT	TOPO SURVEY POINT, NAIL






EXIST. CURVE A064280  
 PI STA. = 917+18.40  
 $\Delta = 40^\circ 14' 54''$  (RT)  
 $D = 1^\circ 29' 55''$   
 $R = 3,823.02'$   
 $T = 1,400.02'$   
 $L = 2,685.54'$   
 $E = 248.57'$   
 $\theta = \dots$   
 $T.R. = \dots$   
 S.E. RUN =  $\dots$   
 P.C. STA. = 903+17.55  
 P.T. STA. = 930+03.00

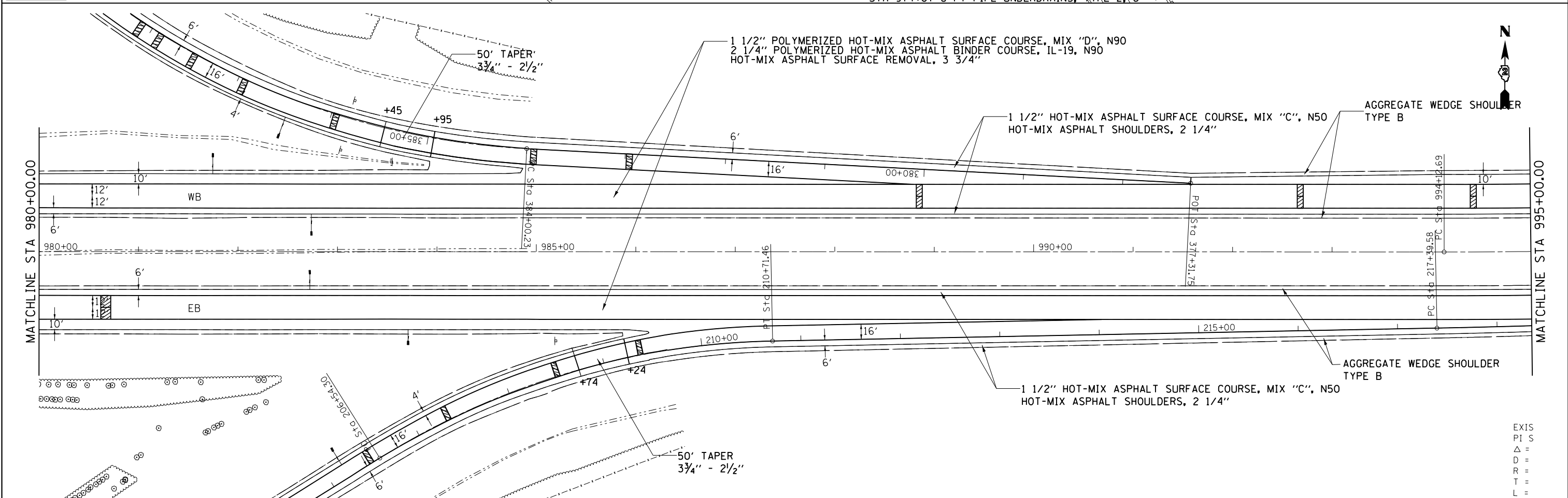
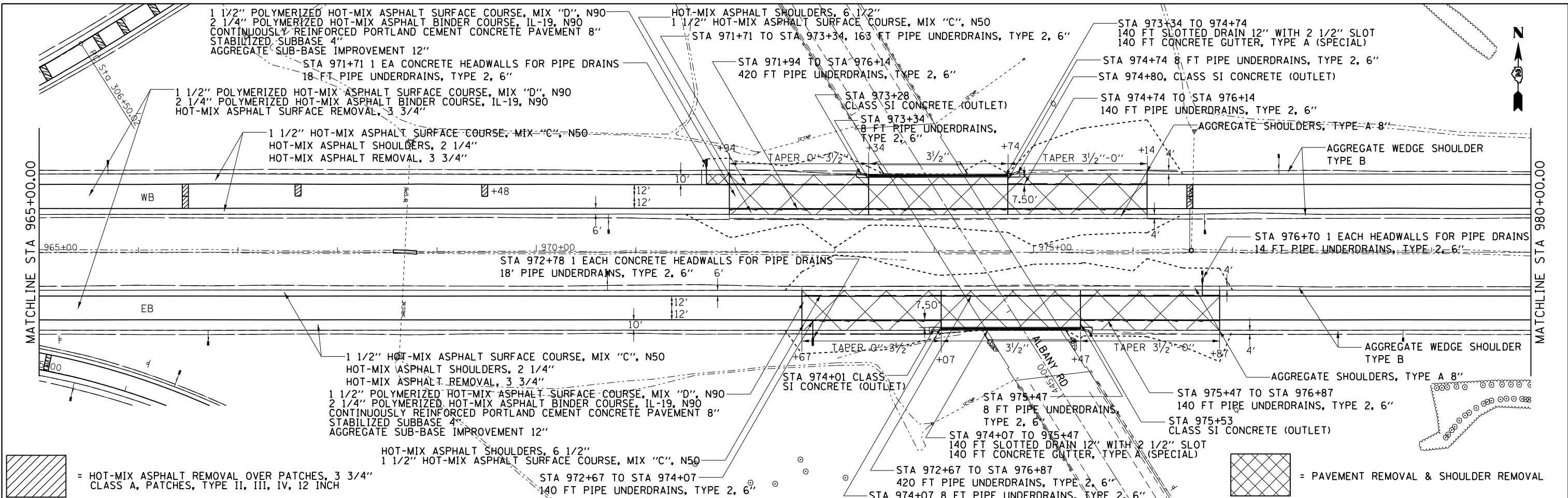


 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

 = PAVEMENT REMOVAL & SHOULDER REMOVAL

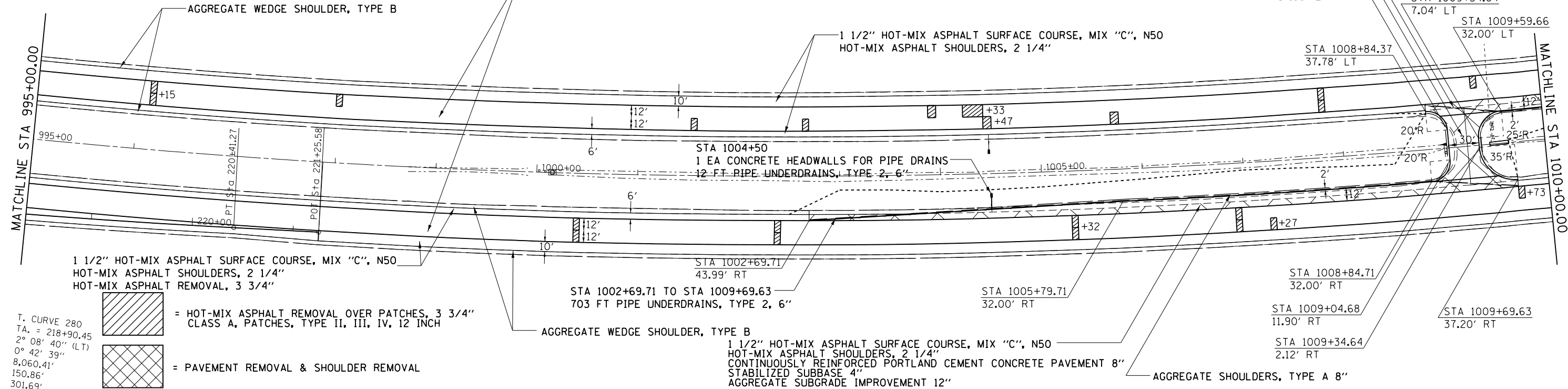
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Default	PLOT DATE = 3/28/2017	DATE -	REVISED -			CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT			
SCALE: SHEET OF SHEETS STA. TO STA.											





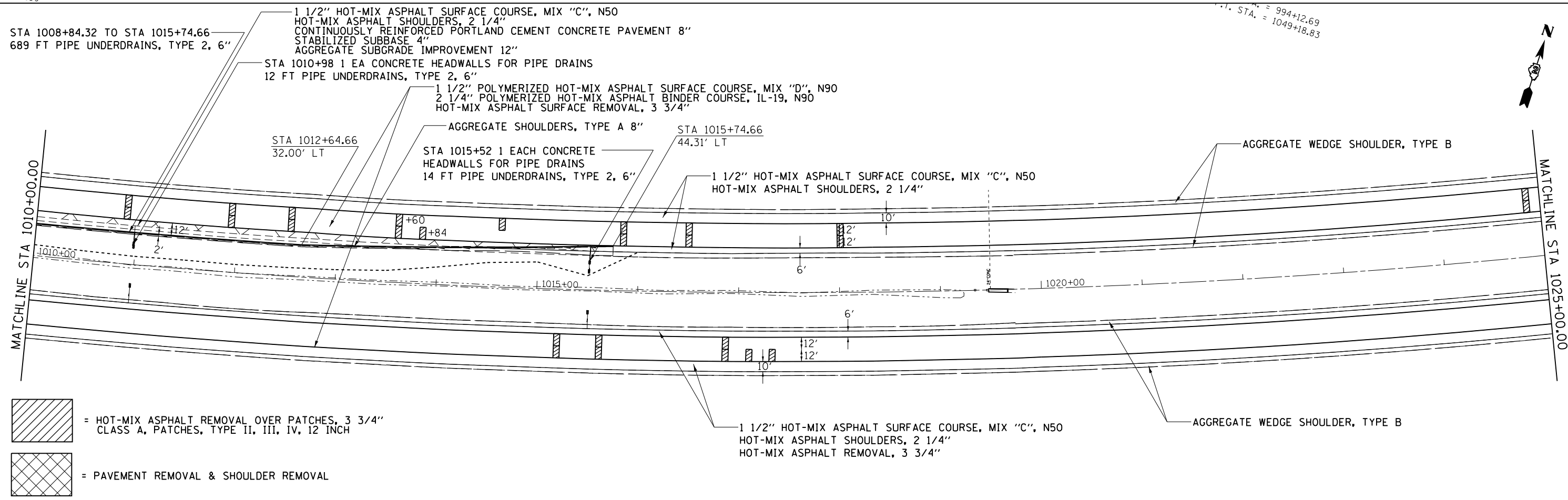
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 3/28/2017	DATE -	REVISED -			CONTRACT NO. 64J37					
						ILLINOIS FED. AID PROJECT					

STA 1008+84.32 TO 1015+74.66  
 689 FT PIPE UNDERDRAINS, TYPE 2, 6"  
 HOT-MIX ASPHALT BASE COURSE, 8"



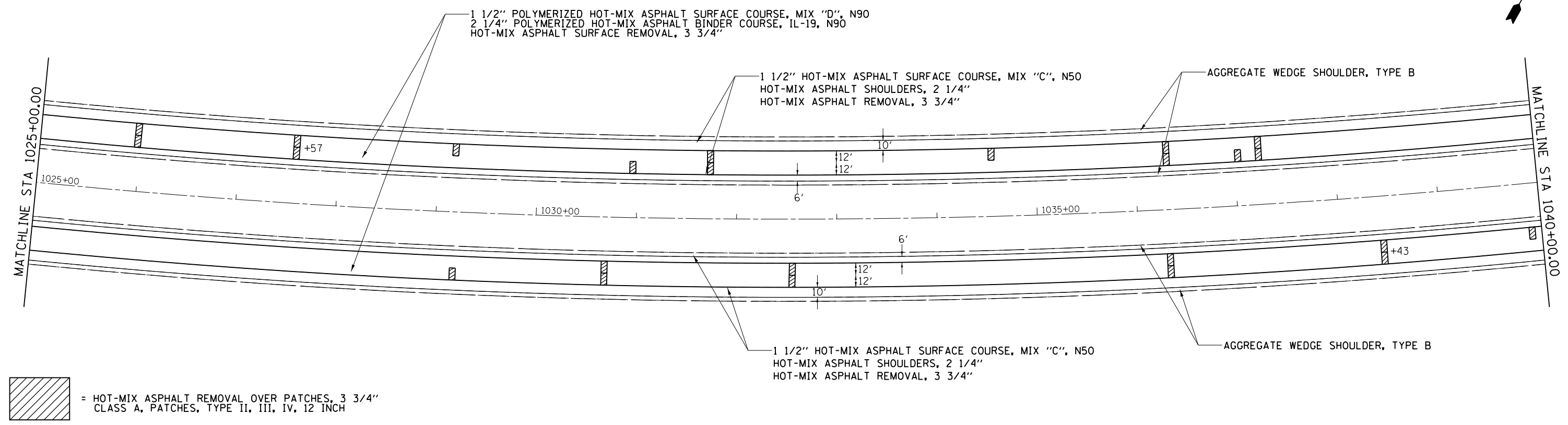
T. CURVE 280  
 TA. = 218+90.45  
 2° 08' 40" (LT)  
 0° 42' 39"  
 8,060.41'  
 150.86'  
 301.69'

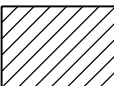
- = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH
- = PAVEMENT REMOVAL & SHOULDER REMOVAL

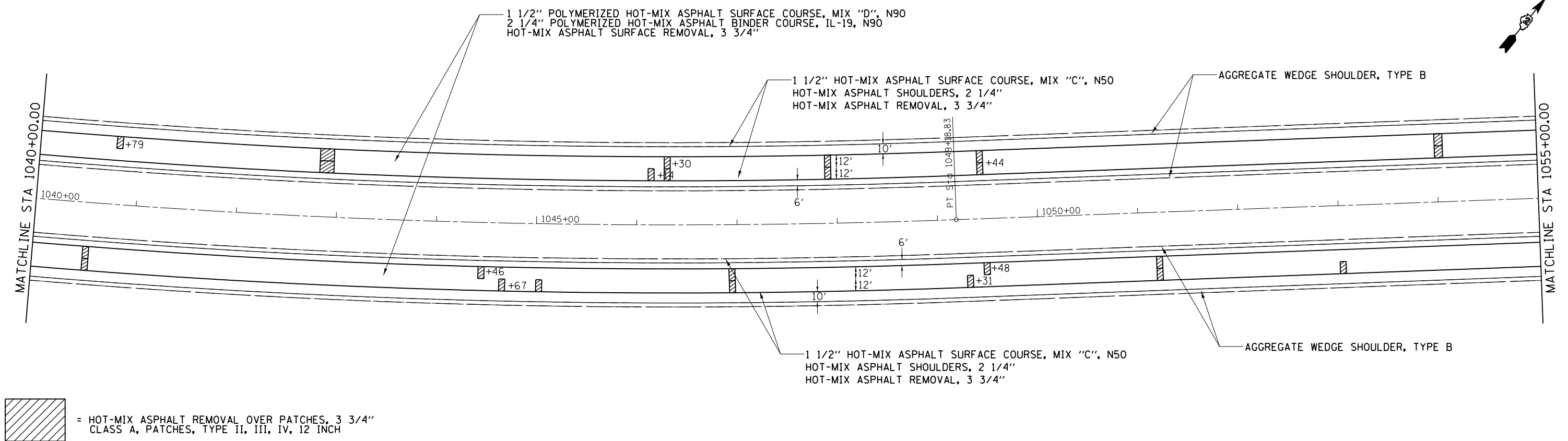
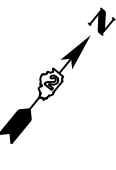


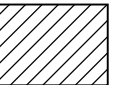
- = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH
- = PAVEMENT REMOVAL & SHOULDER REMOVAL

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
Default	pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2013\DRAN\084EBIDINTEG\084EBIDINTEG\084EBIDINTEG.dwg	3/28/2017	3/28/2017			88	(195-1)RS-1	WHITESIDE	140	41	
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISI			CONTRACT NO. 64J37					
	PLOT DATE = 3/28/2017	DATE -	REVISI			ILLINOIS FED. AID PROJECT					

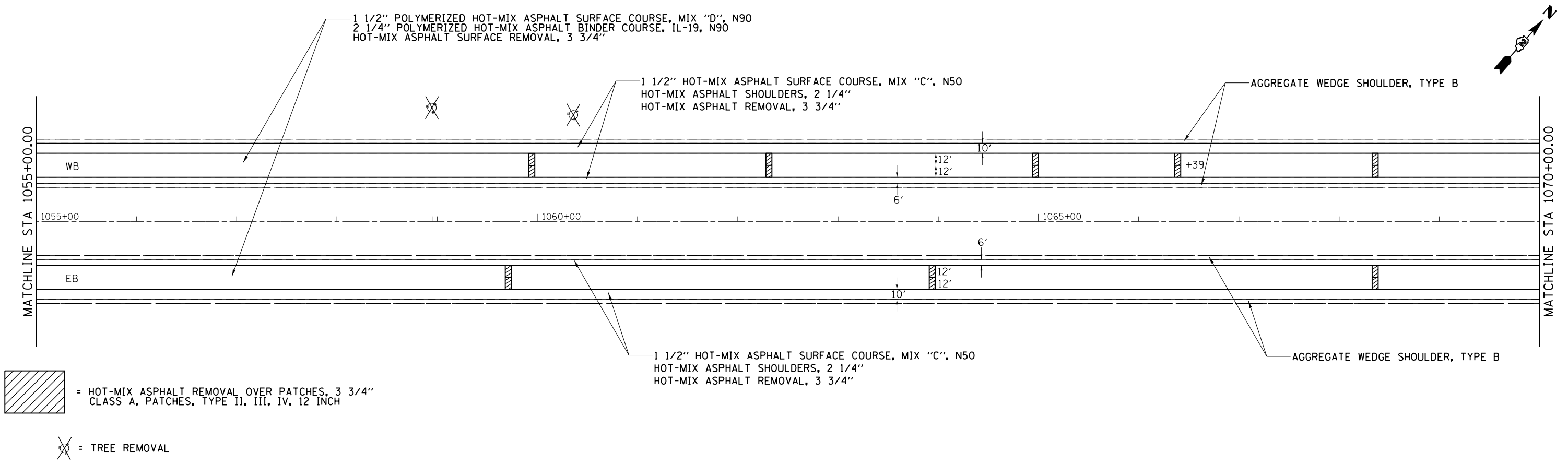


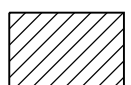
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


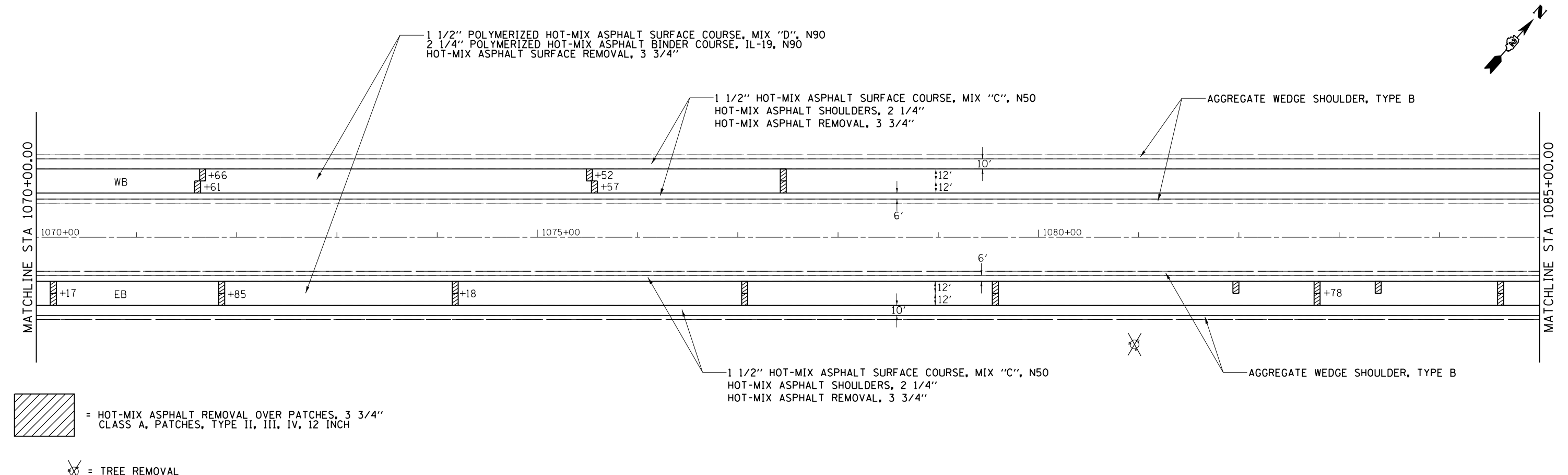
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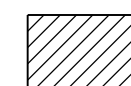
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3DRAWD\084EBID\084EBID.dwg	3DRAWD\084EBID\084EBID.dwg	REVISED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	42	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 64J37					
	PLOT DATE = 3/28/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					




 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

 = TREE REMOVAL

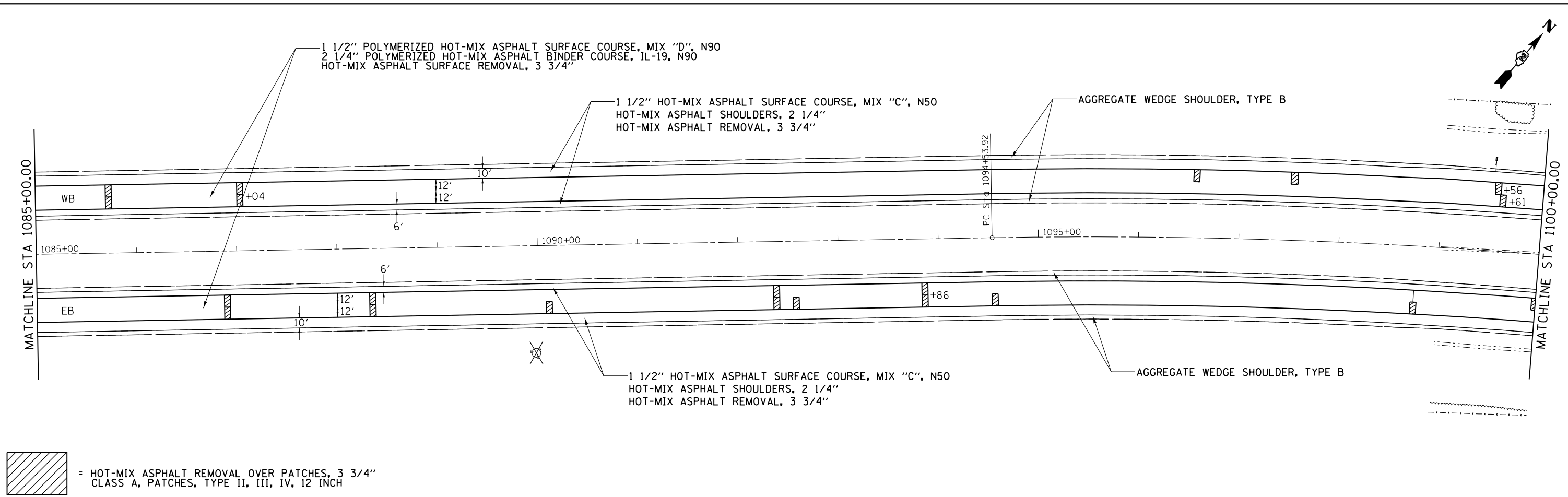



 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

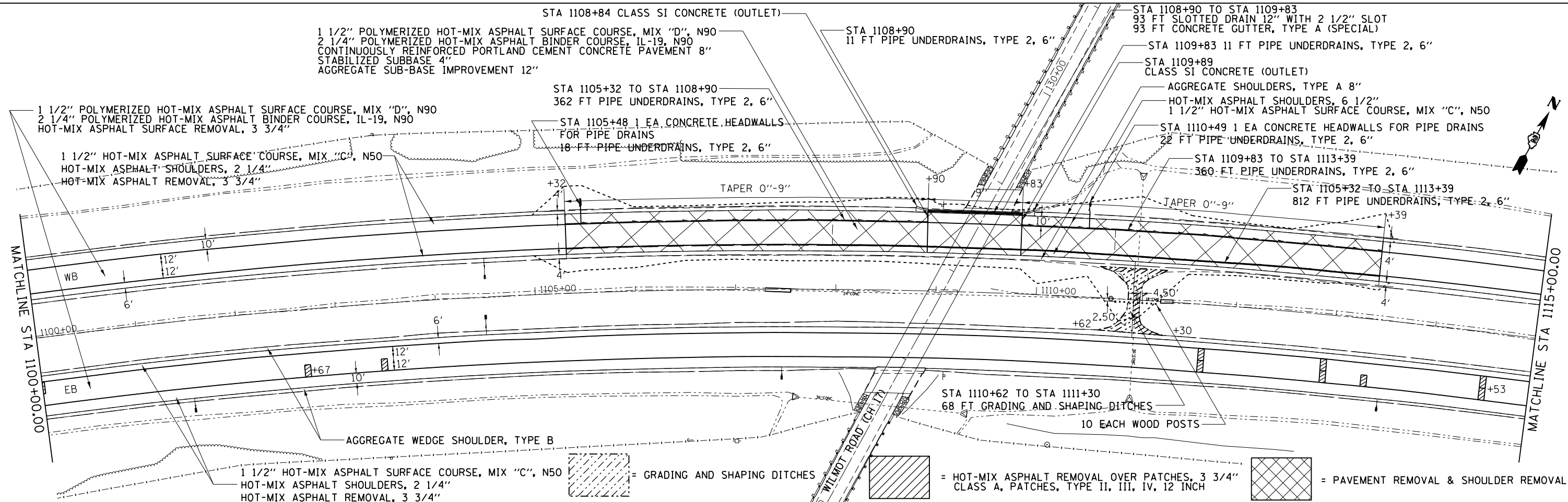
 = TREE REMOVAL

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PIWDDT\Documents\IDOT Offices\District 2\Projects\2013\3DR\084EBIDINTEG\CAD\Sheets\201313-sht-pln1.dgn	3DR	REVISED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	43	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/28/2017	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.





 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH



 = GRADING AND SHAPING DITCHES

 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

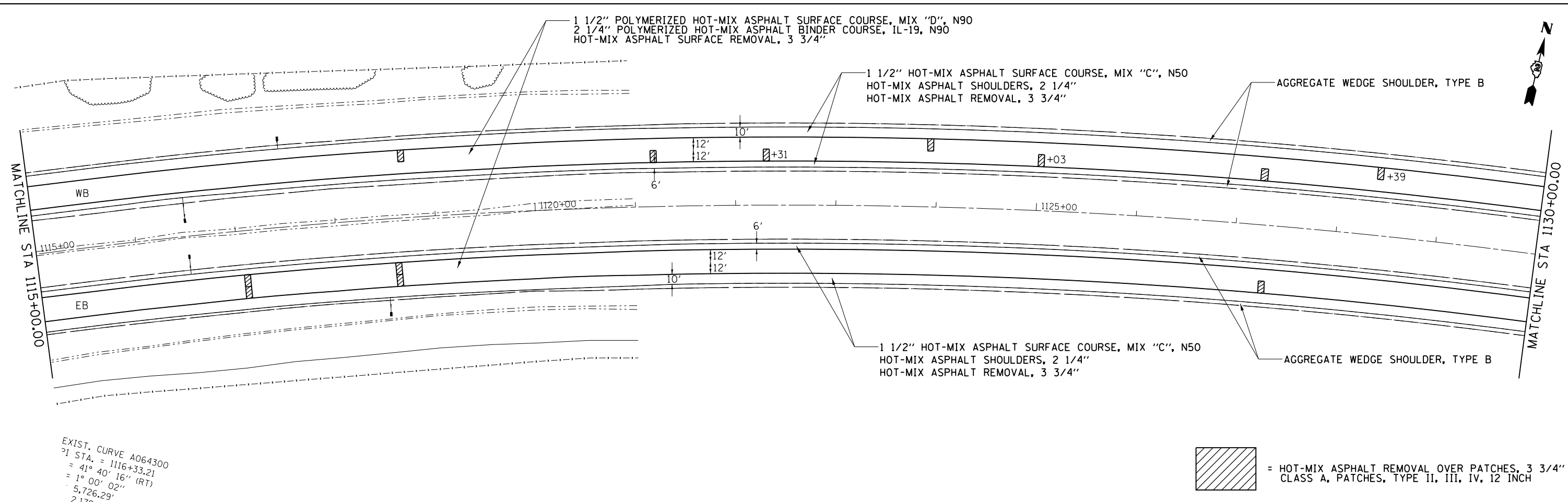
 = PAVEMENT REMOVAL & SHOULDER REMOVAL

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/28/2017	DATE -	REVISED -

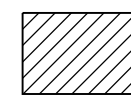
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

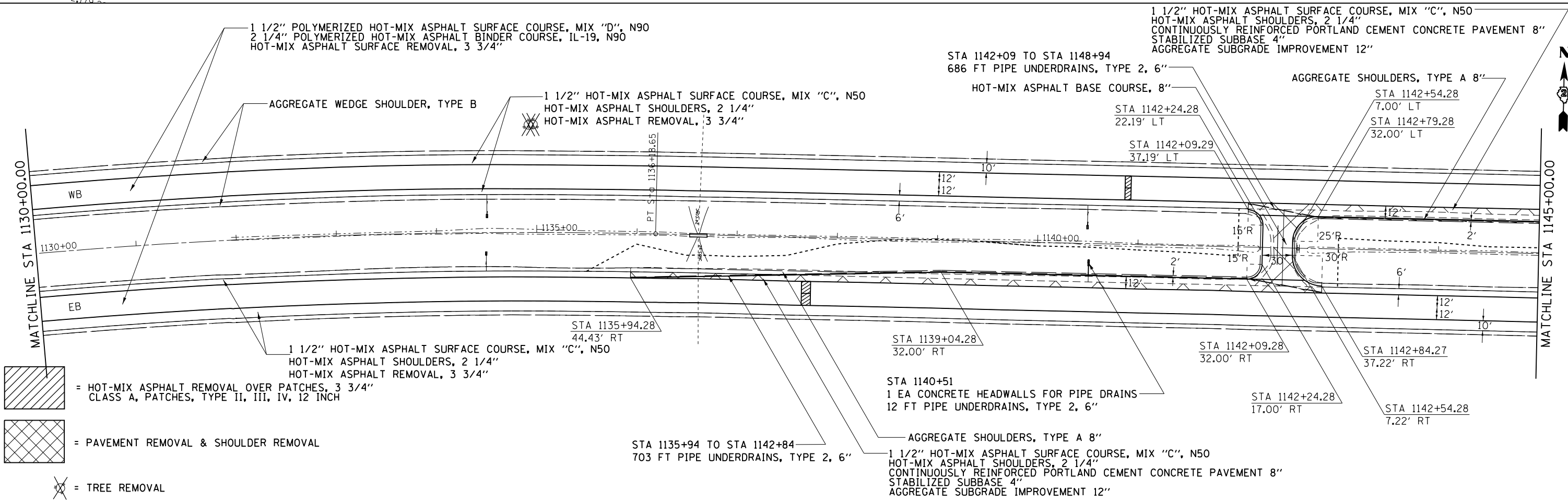
F.A.I. RTE. 88		SECTION (195-1RS-1)	COUNTY WHITESIDE	TOTAL SHEETS 140	SHEET NO. 44
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

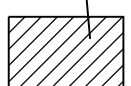
CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT	
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EXIST. CURVE A064300  
 PI STA. = 1116+33.21  
 = 41° 40' 16" (RT)  
 = 1° 00' 02"  
 = 5,726.29'  
 = 2,179.29'

 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH



 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

 = PAVEMENT REMOVAL & SHOULDER REMOVAL

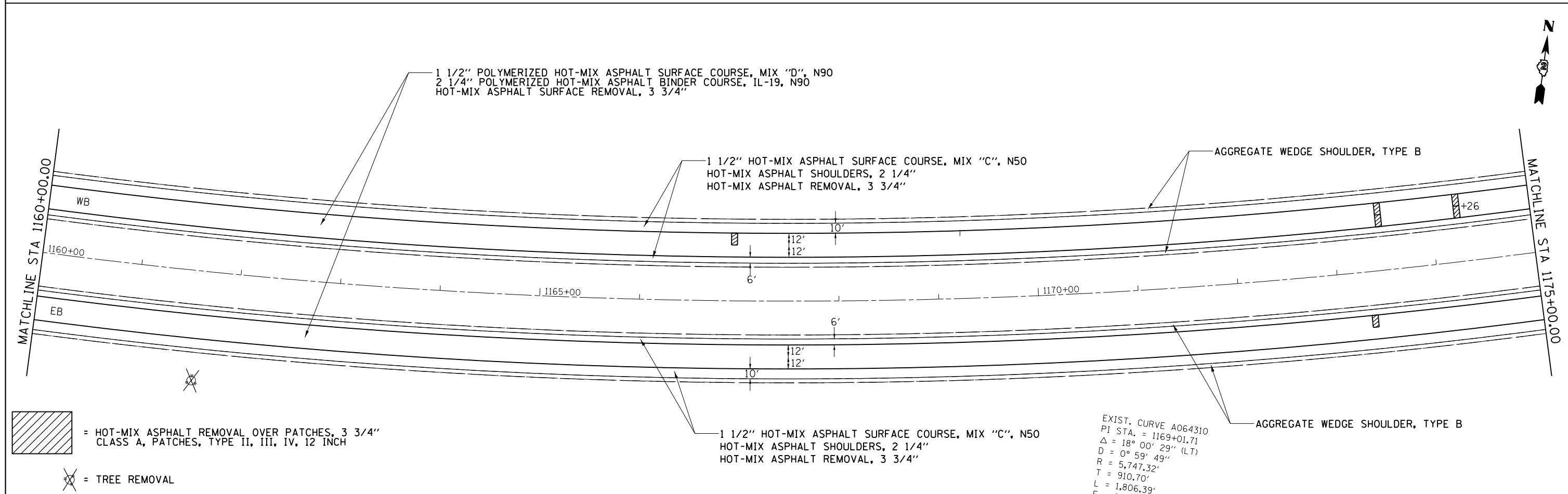
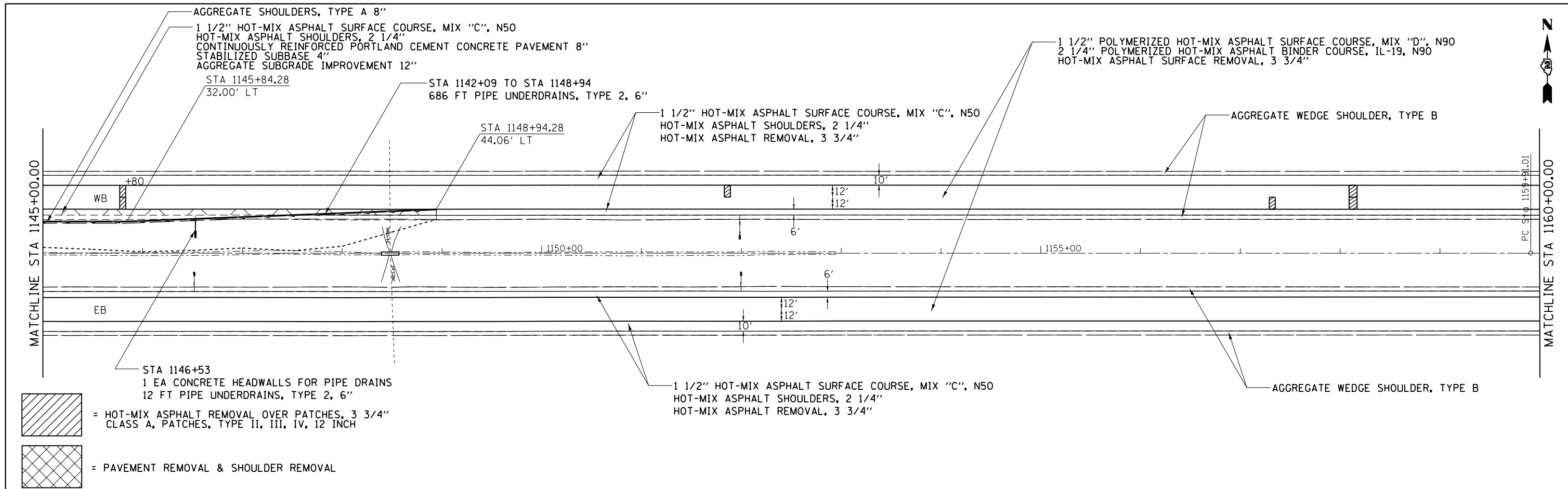
 = TREE REMOVAL

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
Default	PLOT DATE = 3/28/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

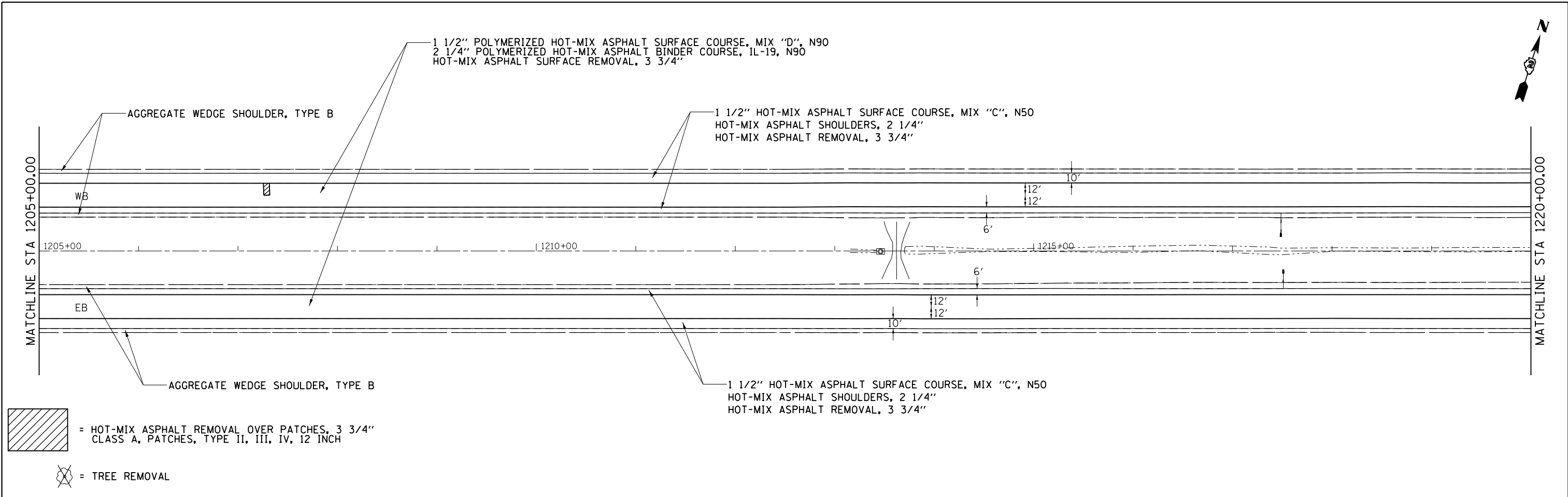
<b>I-88</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.


F.A.I. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	45
CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT	




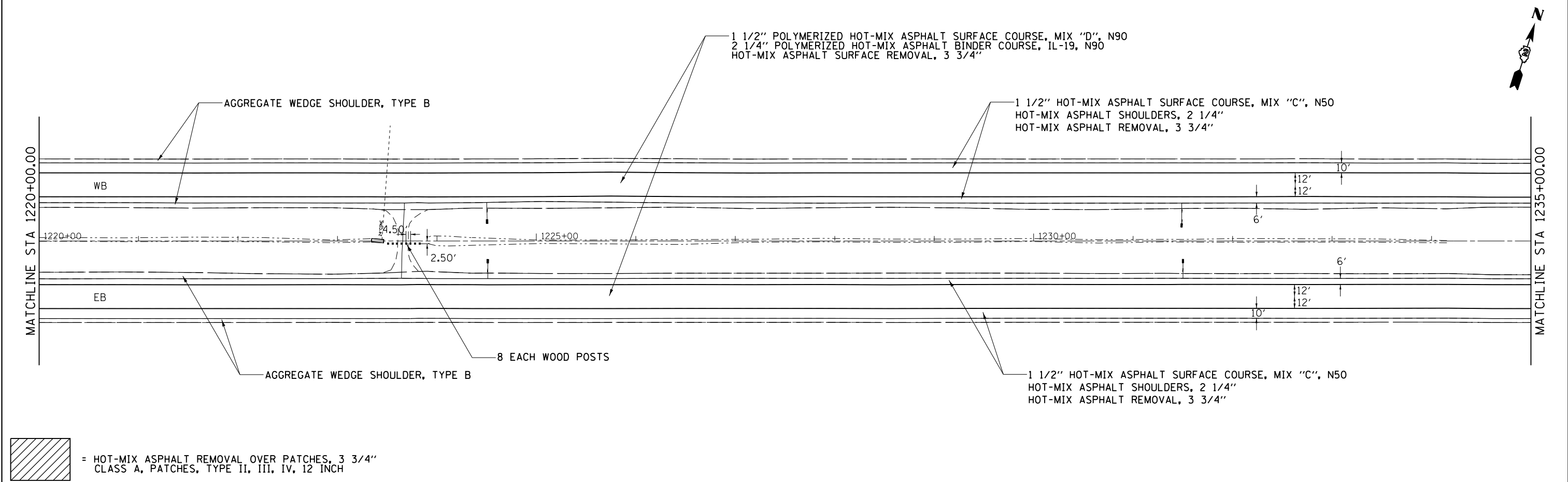
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\1\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3-DRAWING\GAD\Sheets\201313-sht-pln1.dgn	3-DRAWING	REVISED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	46
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 64J37				
DATE -	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				

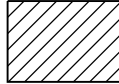




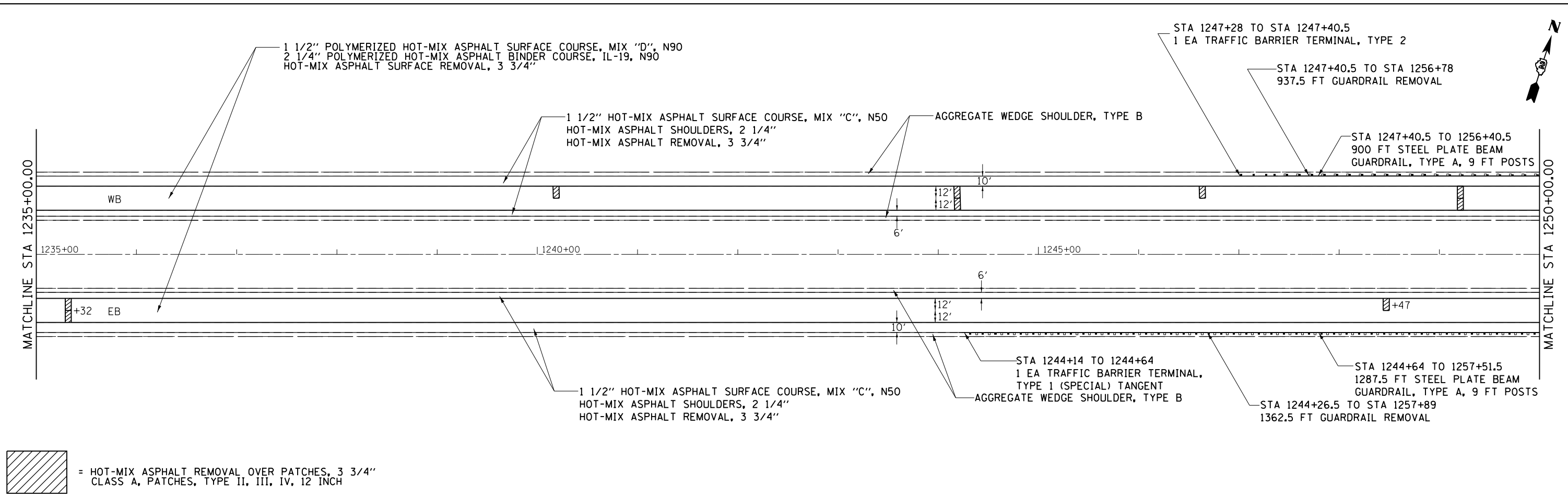
 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

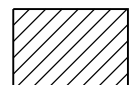
 = TREE REMOVAL

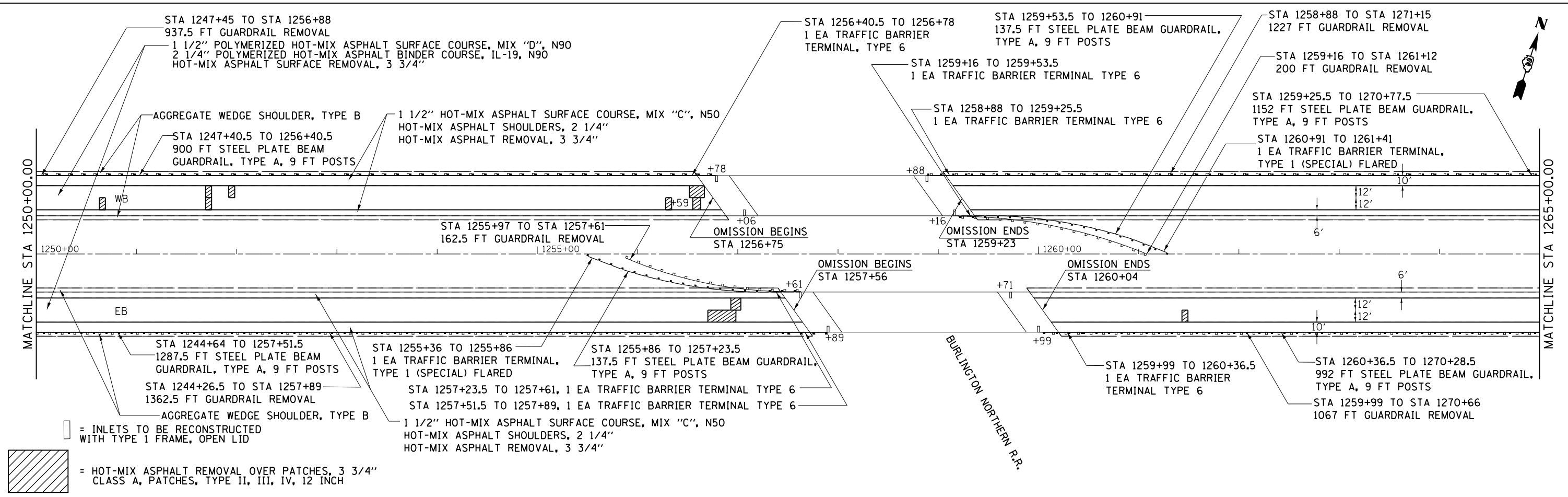


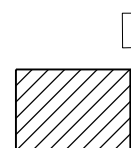
 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH


FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\NP2013\DRANNO\GAD\Sheets\201313-sht-pln1.dgn		3	REVISED -			88	(195-1)RS-1	WHITESIDE	140	48	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/28/2017	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			



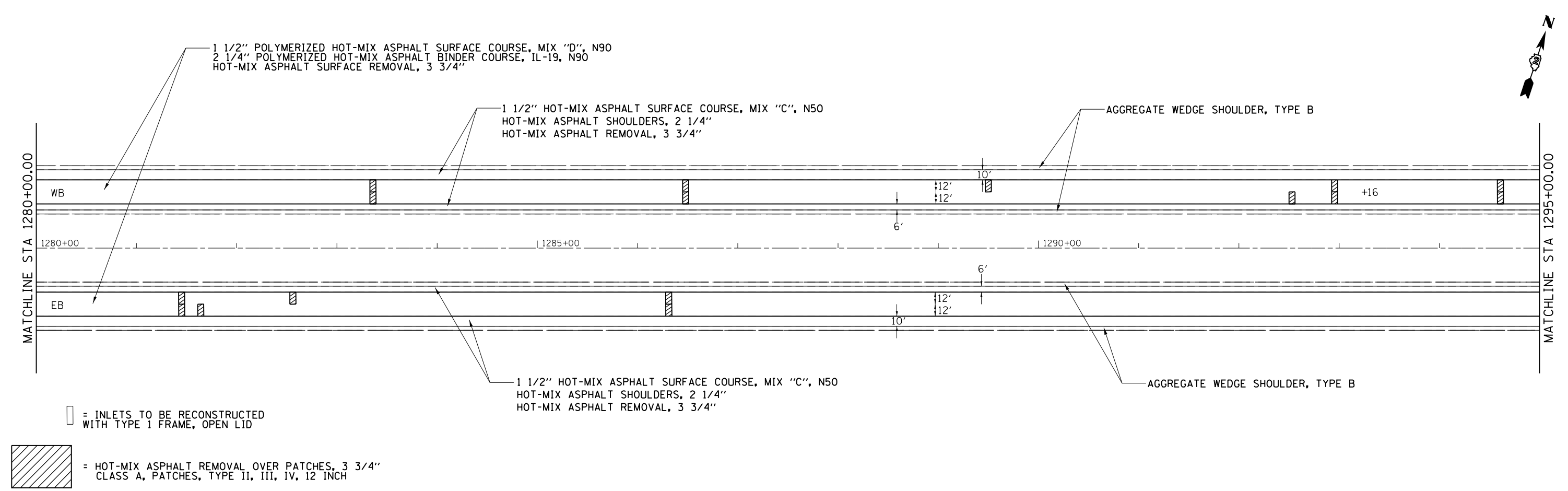
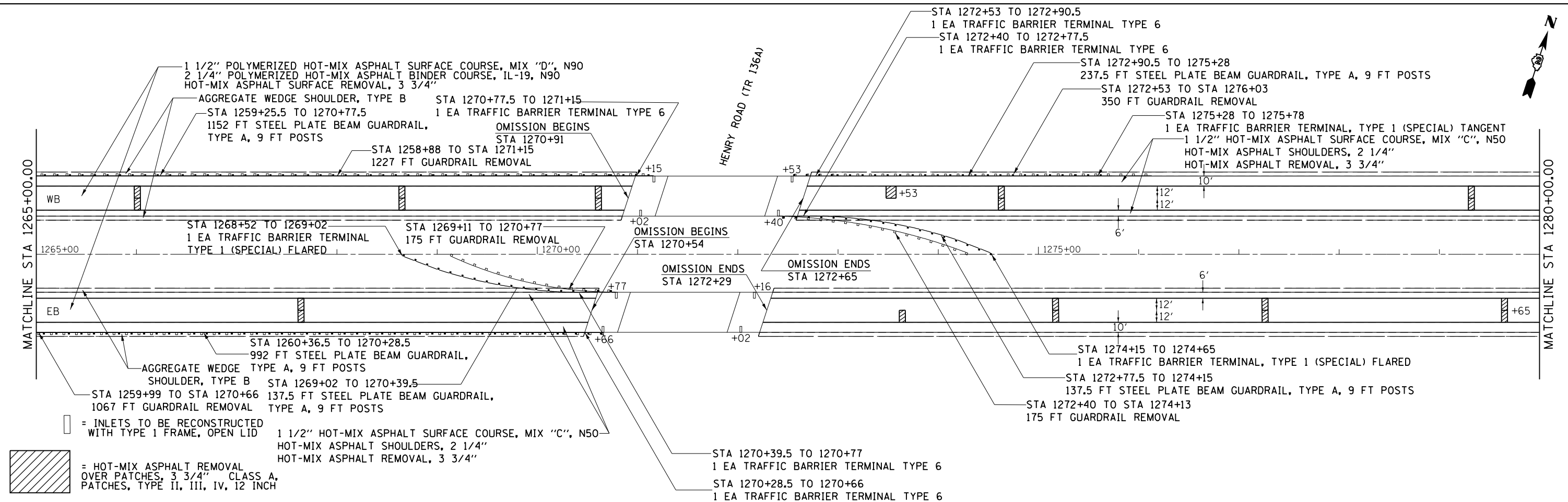
 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH



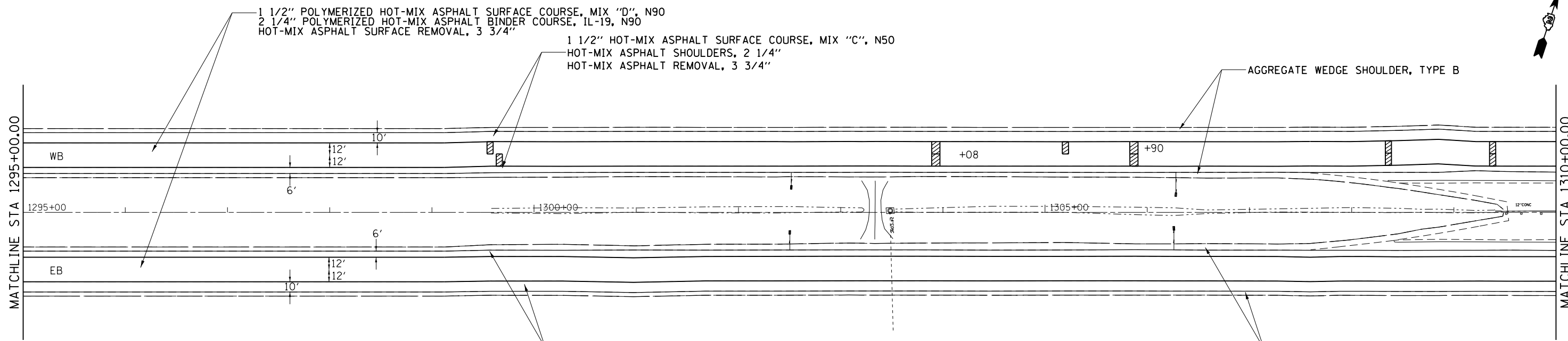
 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

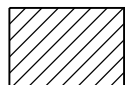

 = INLETS TO BE RECONSTRUCTED WITH TYPE 1 FRAME, OPEN LID

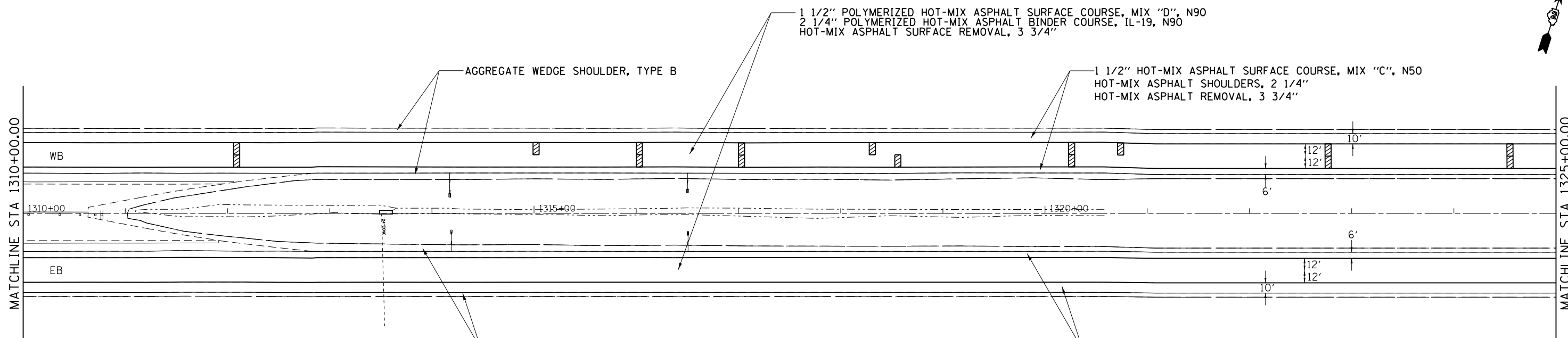
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\P203\DRAWING\GAD\Sheets\201313-sht-pln1.dgn		DRAWN -	REVISED -			88	(195-1RS-1)	WHITESIDE	140	49	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64J37			
	PLOT DATE = 3/28/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

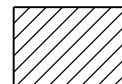


FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\AP2013\Drawings\CAD\Sheets\201313-sht-pln1.dwg	3DRAWD	REVISED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	50	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/28/2017	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			



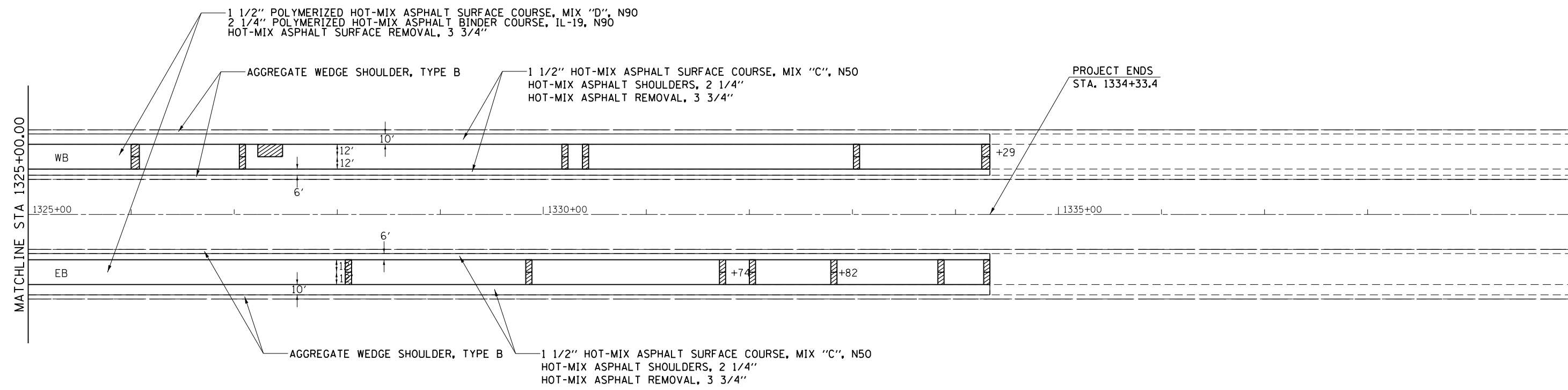
 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH  
 = TREE REMOVAL

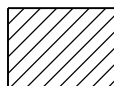


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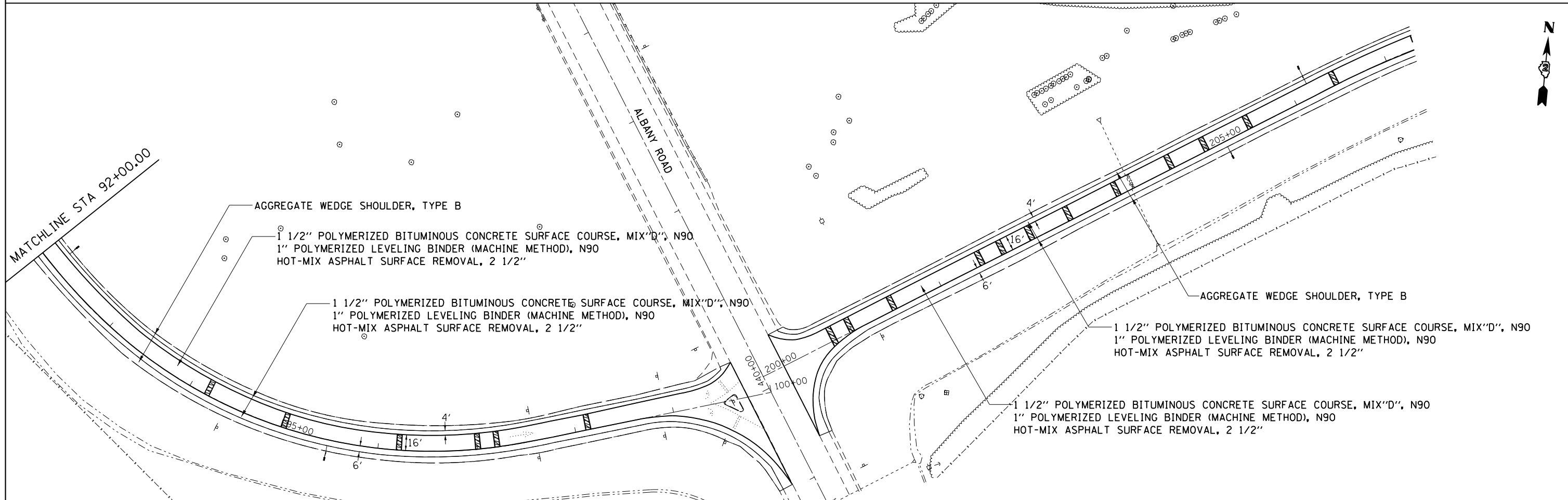
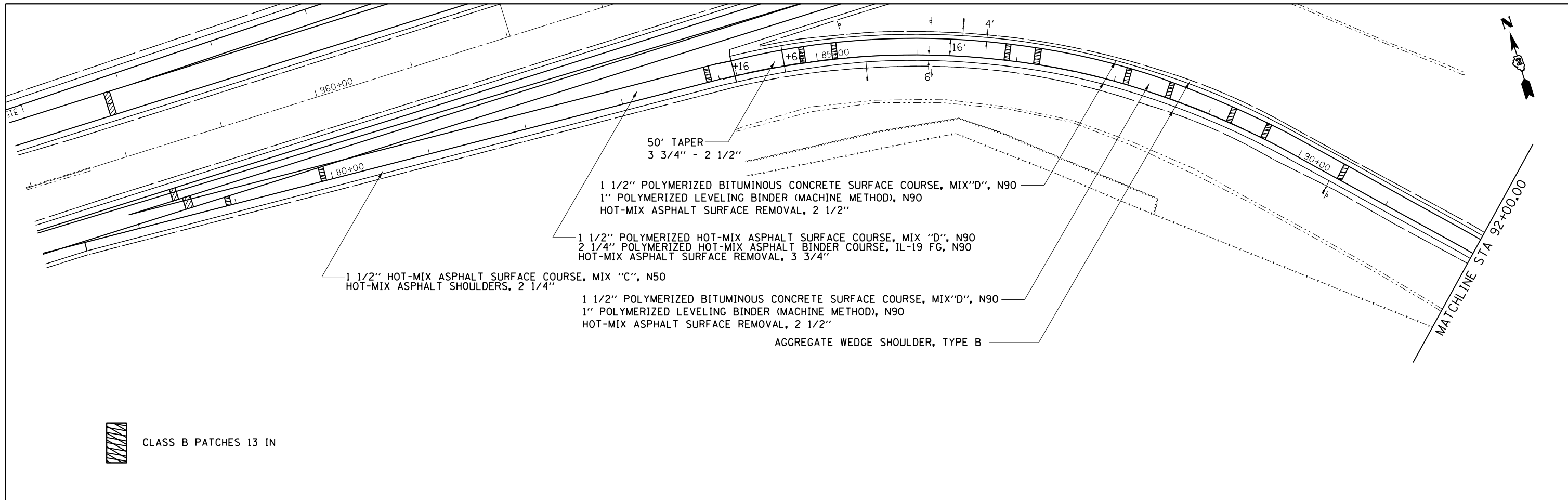
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3DRANNO\GAD\Sheets\0201313-sht-pln1.dgn		3DRANNO	REVISED -			88	(195-1)RS-1	WHITESIDE	140	51	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64J37			
	PLOT DATE = 3/28/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



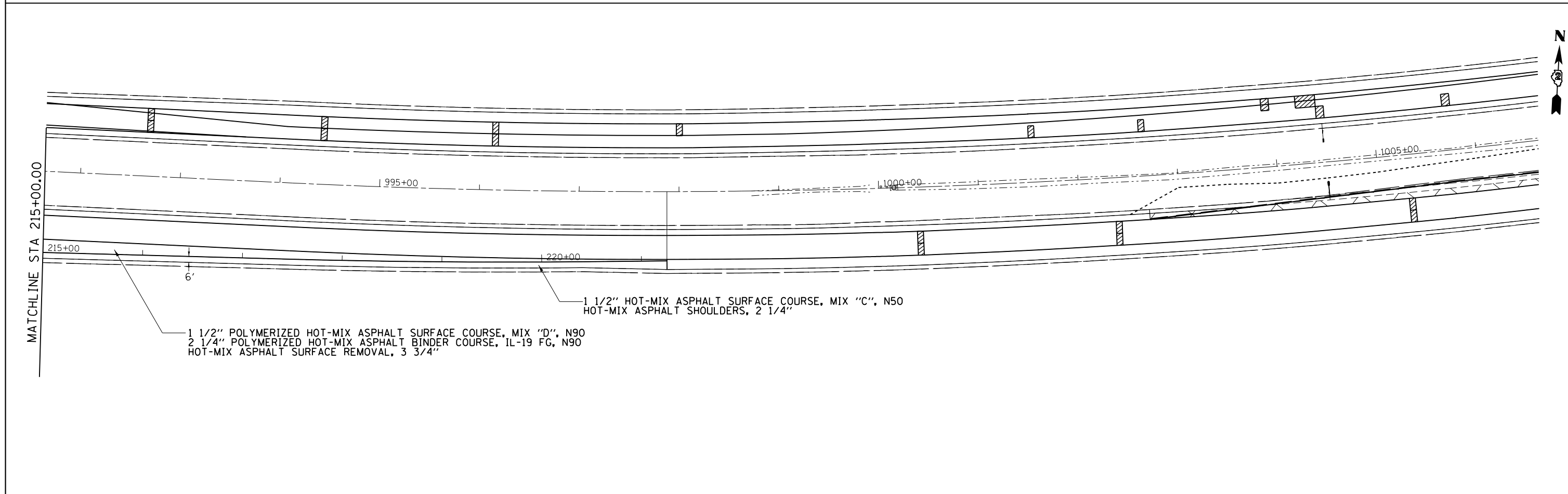
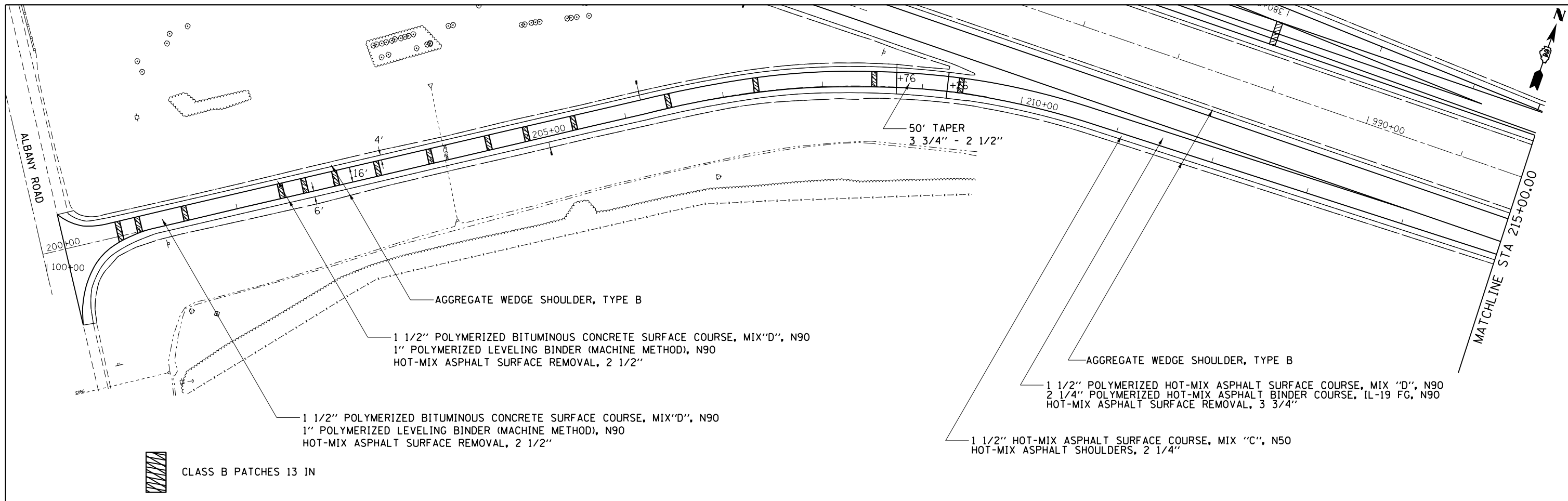


 = HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" CLASS A, PATCHES, TYPE II, III, IV, 12 INCH

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-88</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3-DRAWING\084EBIDINTEG\084EBIDINTEG.dwg	3-DRAWING\084EBIDINTEG\084EBIDINTEG.dwg	REVISIONS	REVISIONS			88	(195-1)RS-1	WHITESIDE	140	52	
Default	PLOT DATE = 3/28/2017	CHECKED -	REVISED -			CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			



FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SW RAMP</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2203\Drawings\CAD\Sheets\2201313-sht-pln-RAMP	3D	REVISION	REVISION						88	(195-1)RS-1	WHITESIDE	140	53
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 64J37								
Default	PLOT DATE = 3/28/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			

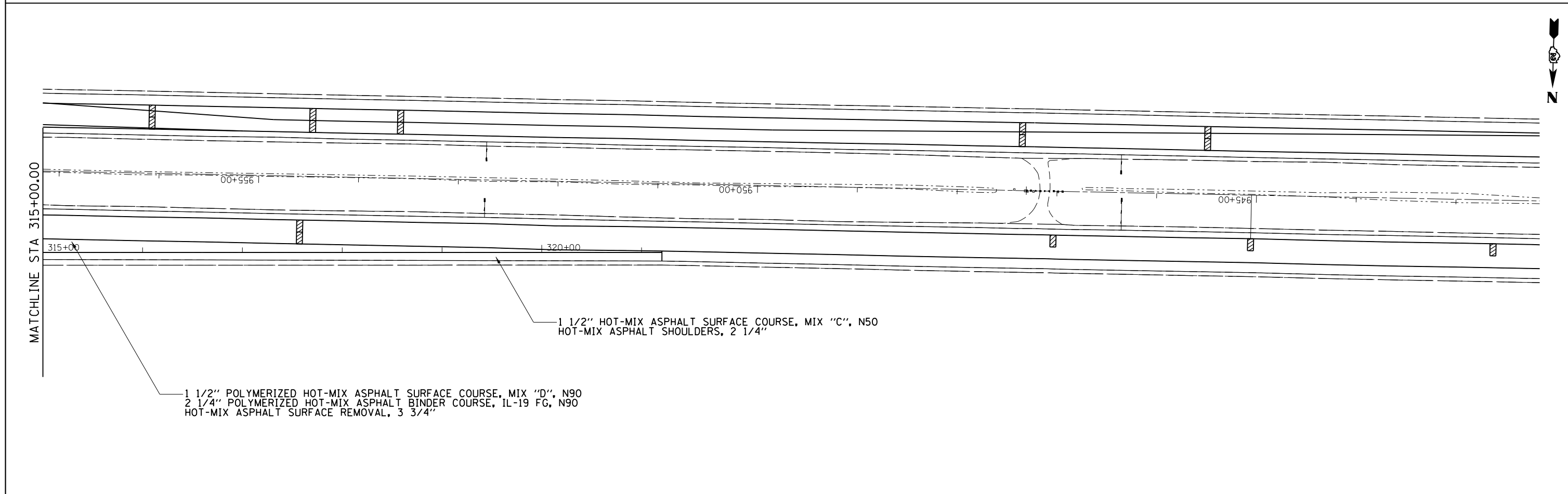
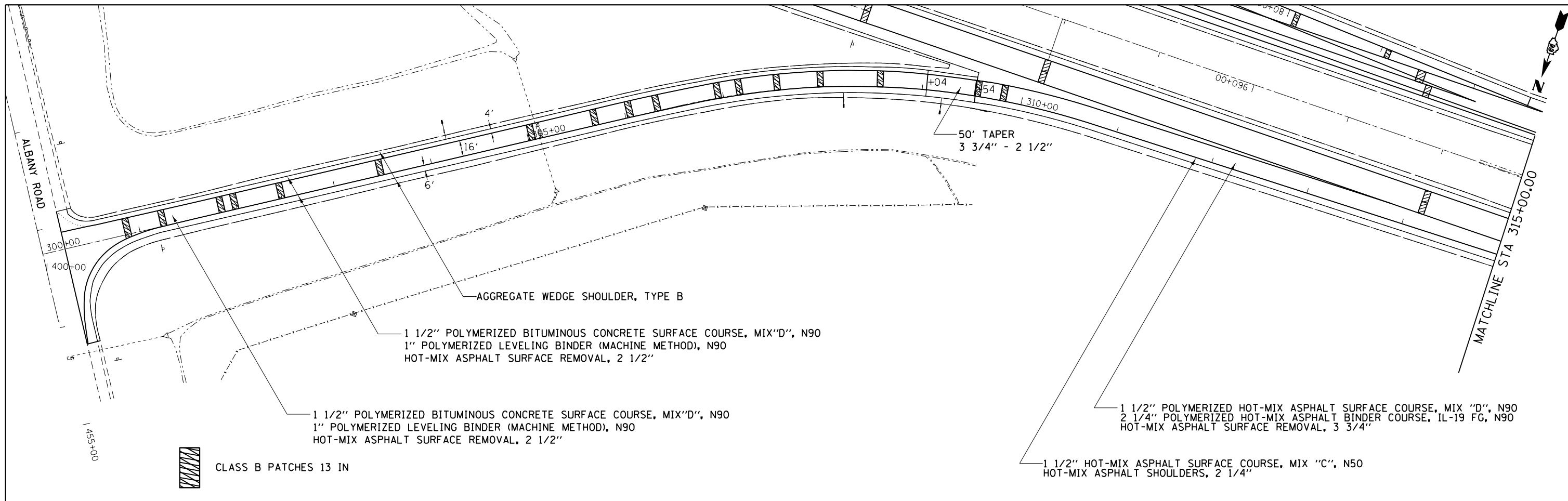


FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2017	DATE -	REVISED -

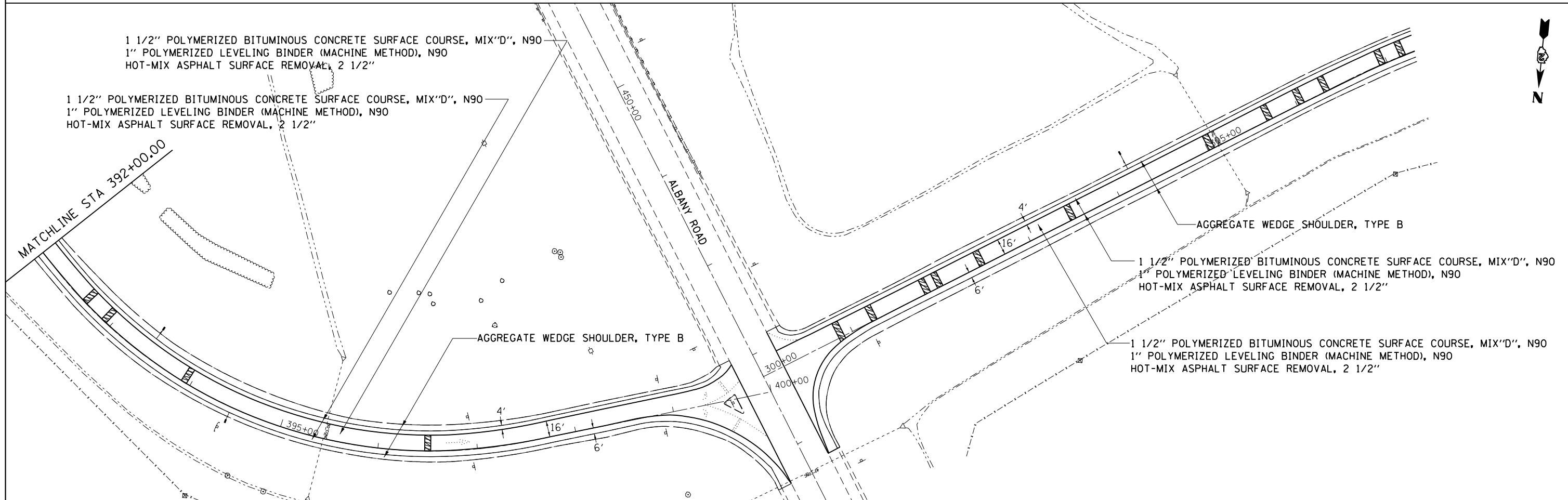
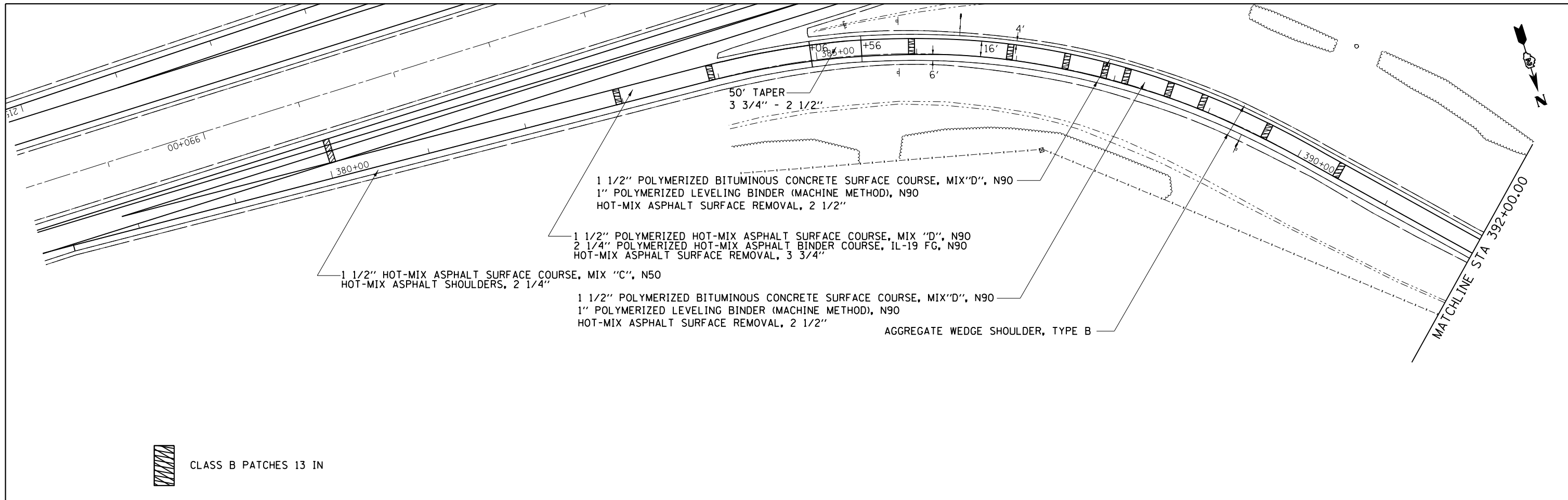
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SE RAMP</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	54
CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT	



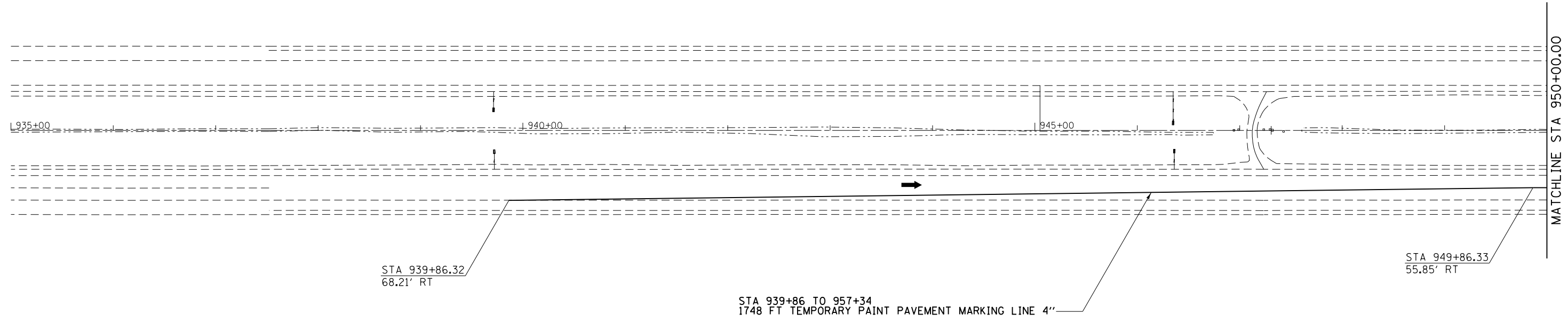
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pw:\IL084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\NP2013\Drawings\CAD\Drawings\201313-sht-pln-RAMP	3/28/2017	CHECKED -	REVISED -						88	(195-1)RS-1	WHITESIDE	140	55
Default	PLOT DATE = 3/28/2017	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64J37				
					ILLINOIS FED. AID PROJECT								



FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>NE RAMP</b>				F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\P203\Drawings\CAD\Sheets\201313-sht-pln-RAMP		DRAWN -	REVISED -		88	(195-1)RS-1	WHITESIDE	140	56				
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64J37				
	PLOT DATE = 3/28/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

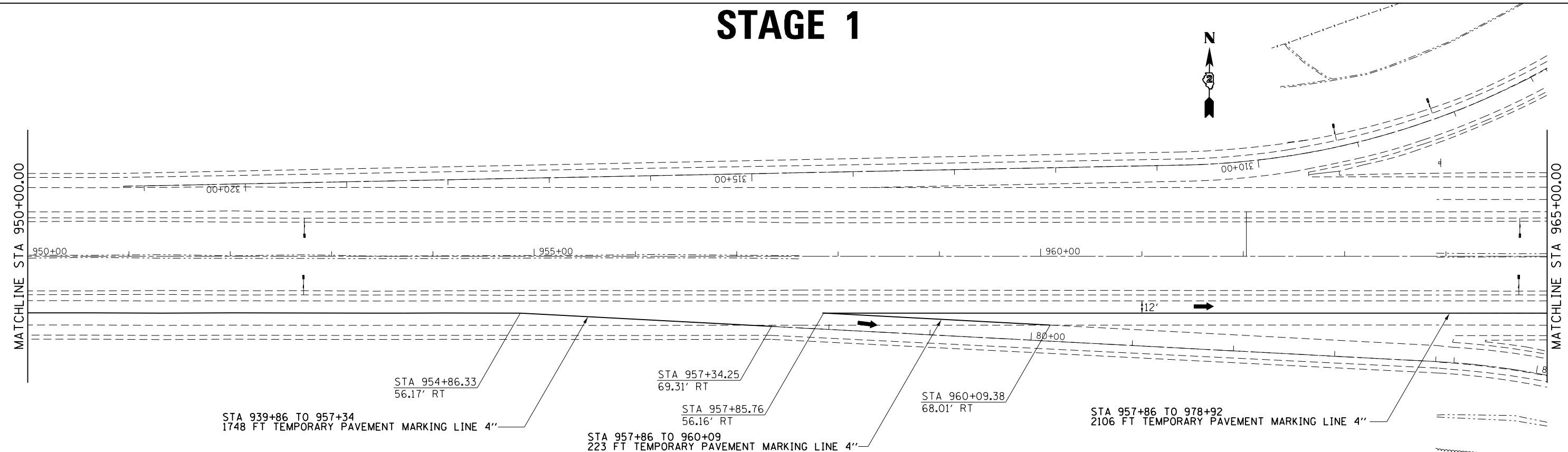


# STAGE 1



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

# STAGE 1

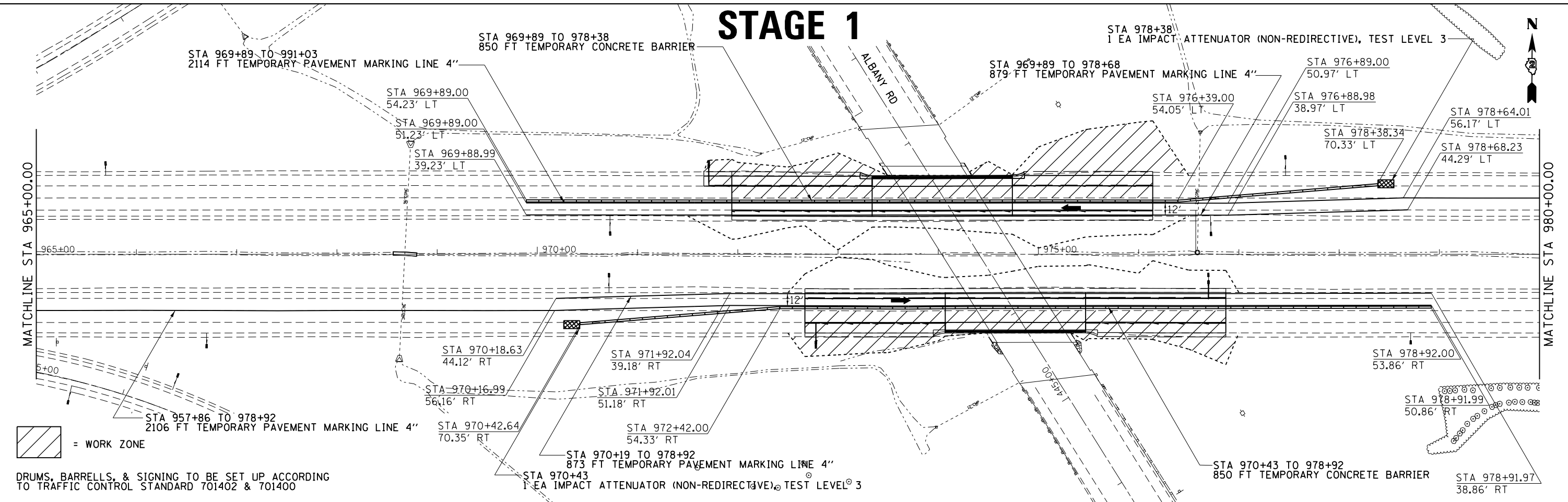


DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

RAMP DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701411 (APPLICATION NO. 4)

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1 ALBANY ROAD PROFILE ADJUSTMENT</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\l\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\2013\3D\Drawings\GA0\Drawings\201313-sht-stage1.dwg		DRAWN	REVISED		88	(195-1)RS-1	WHITESIDE	140	58				
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64J37				
	PLOT DATE = 3/28/2017	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

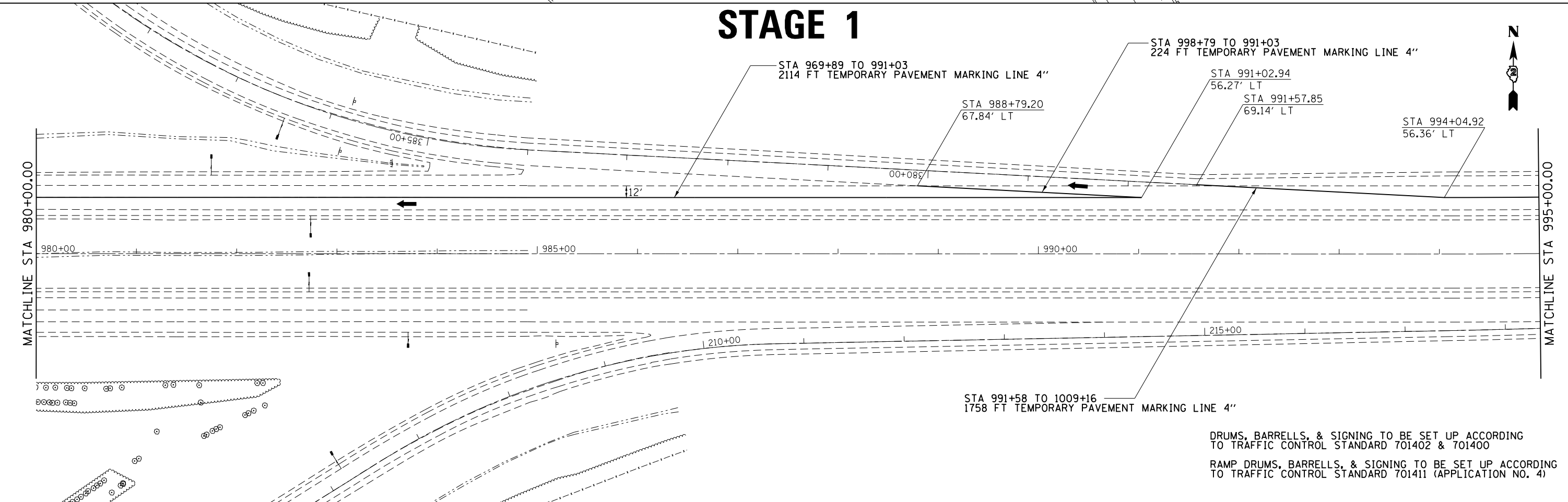
# STAGE 1



= WORK ZONE

DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

# STAGE 1

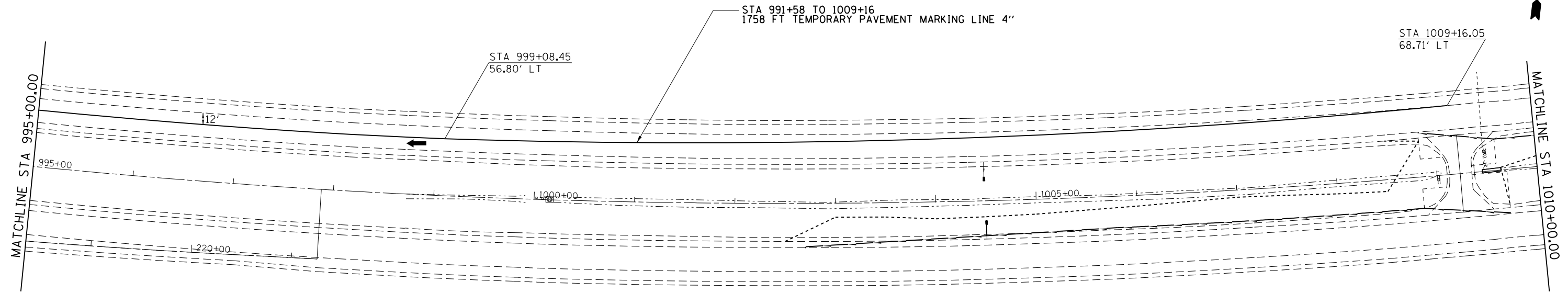


DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400  
RAMP DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701411 (APPLICATION NO. 4)

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1 ALBANY ROAD PROFILE ADJUSTMENT</b>				F.A.I. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3D\Drawings\CAD\Sheets\201313-sht-stage1.dwg		DRAWN -	REVISED -		88	(195-1)RS-1	WHITESIDE	140	59				
Default	PLOT SCALE = 100.0000' / 1" /	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64J37				
	PLOT DATE = 3/28/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



# STAGE 1

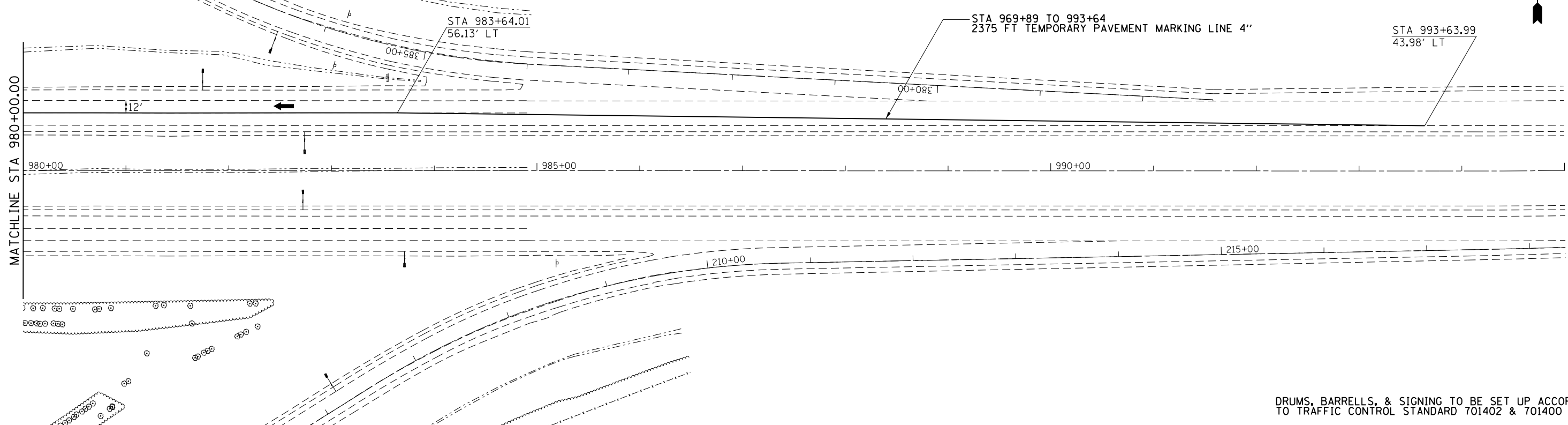


DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1 ALBANY ROAD PROFILE ADJUSTMENT</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2203\Drawings\CAD\Sheets\220313-sht-staging.d		DRAWN -	REVISED -		88	(195-1)RS-1	WHITESIDE	140	60		
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/28/2017	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.				



# STAGE 2



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

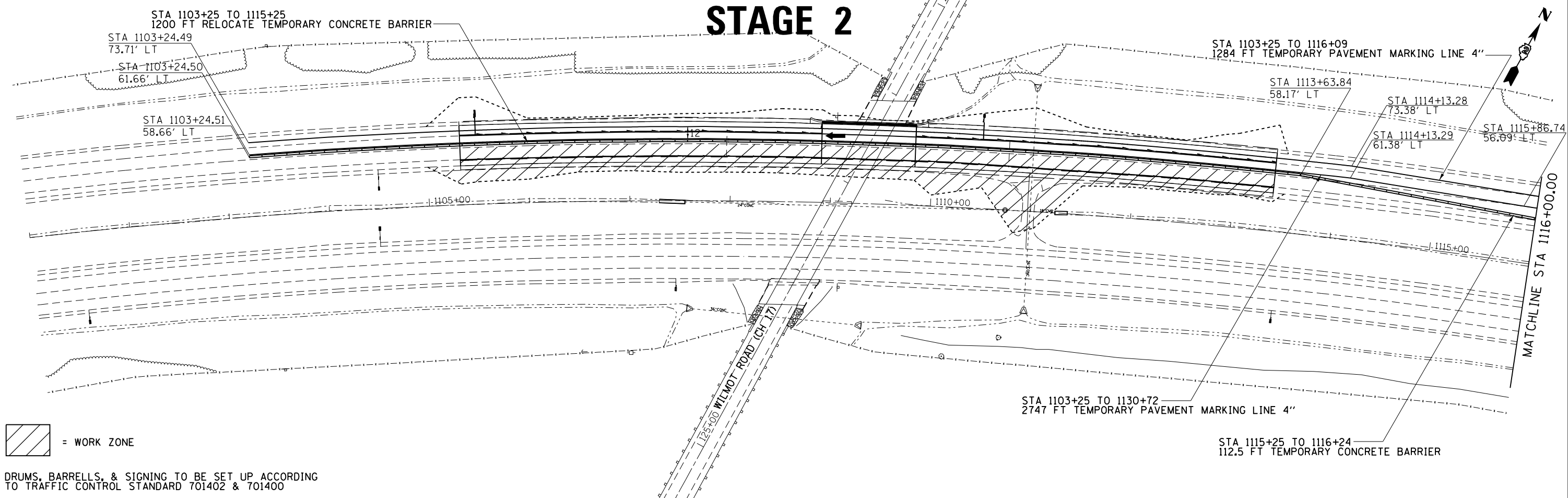
**STAGE 2  
ALBANY ROAD PROFILE ADJUSTMENT**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	62
CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT	



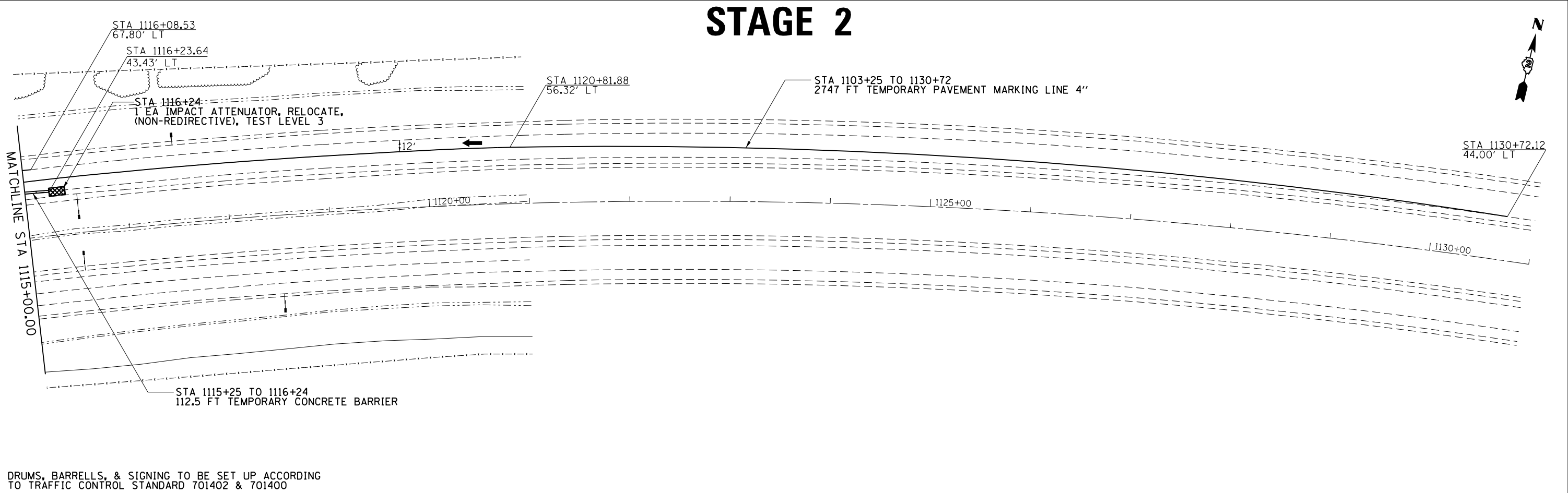
# STAGE 2



= WORK ZONE

DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

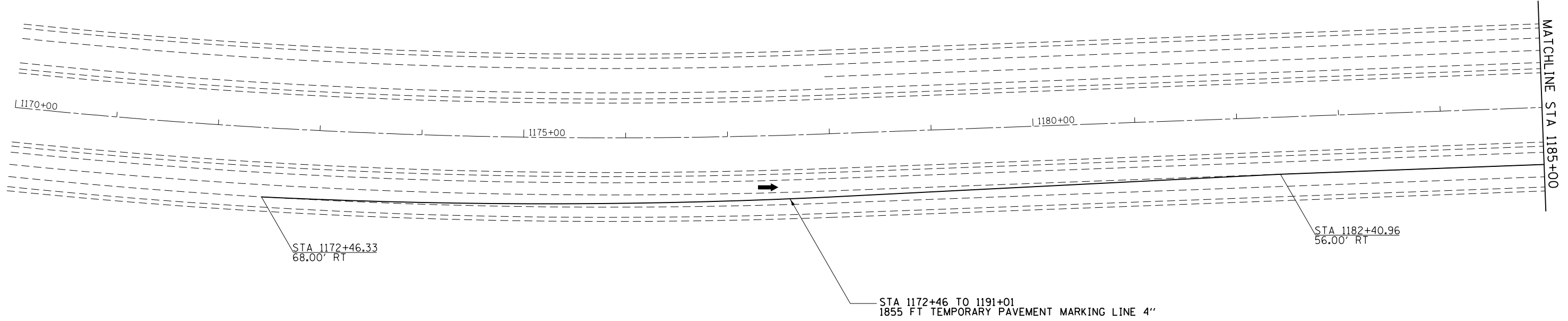
# STAGE 2



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

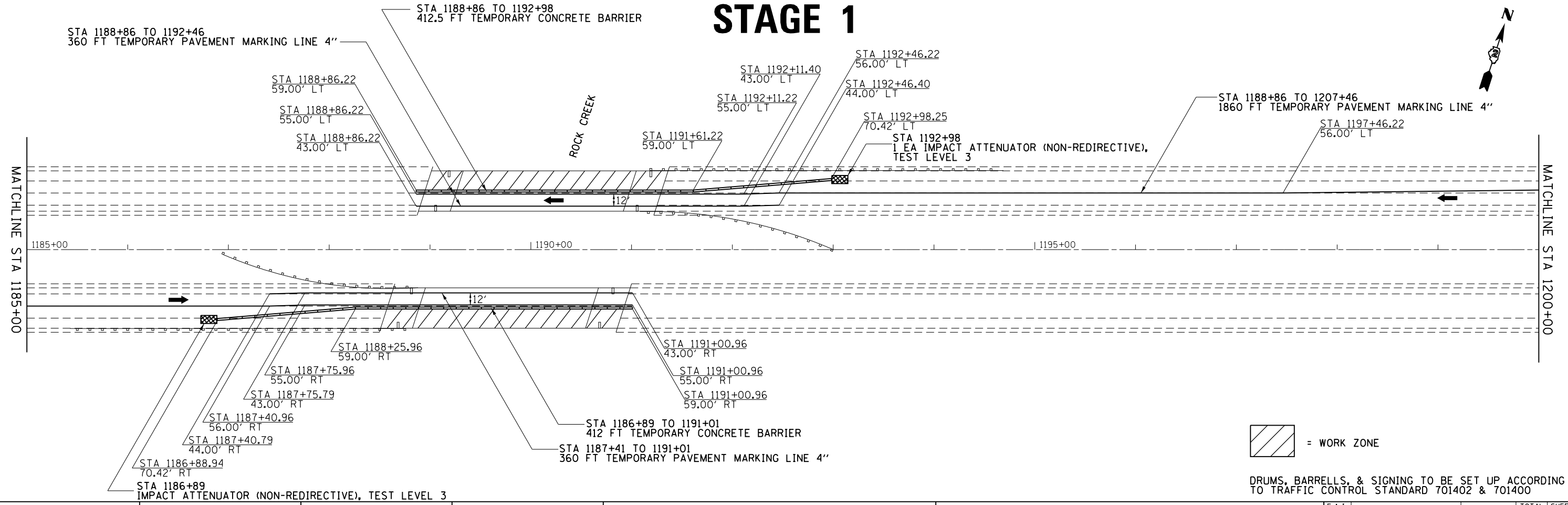
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 2 WILMOT RD PROFILE ADJUSTMENT</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3-DRAWING\CAD\Sheets\201313-sht-staging		DRAWN	REVISED		88	(195-1)RS-1	WHITESIDE	140	64				
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64J37				
	PLOT DATE = 3/28/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

# STAGE 1



DRUMS, BARRELLS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

# STAGE 1

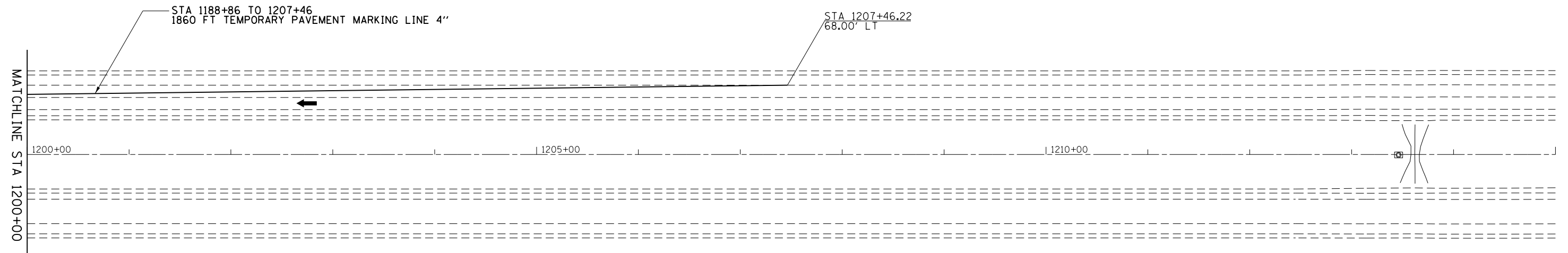


= WORK ZONE

DRUMS, BARRELLS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1 098-0059 + 098 0060 ROCK CREEK BRIDGE RAIL</b>	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\P203\DRAWING\GAD\Sheets\201313-sht-stage1.dwg	3D	REVISOR	REVISION			88	(195-1)RS-1	WHITESIDE	140	65
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -	REVISION -			CONTRACT NO. 64J37				
Default	PLOT DATE = 3/28/2017	DATE -	REVISION -			ILLINOIS FED. AID PROJECT				

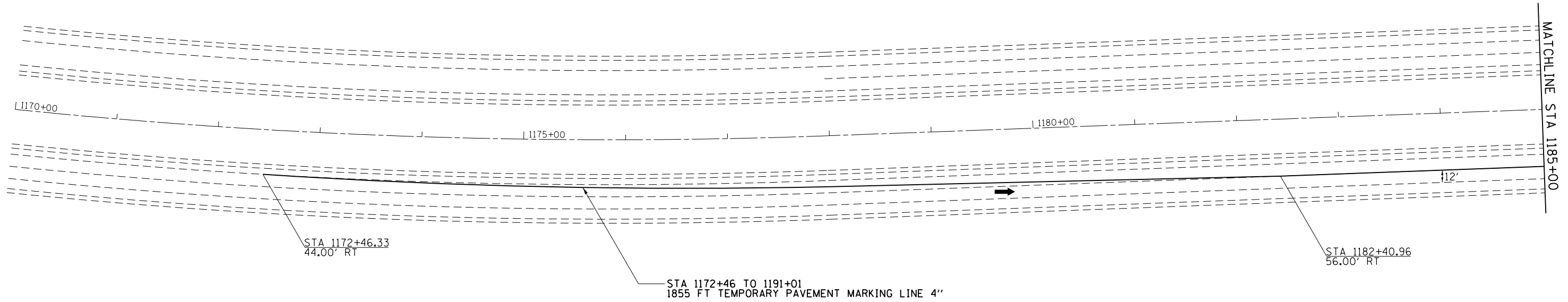
# STAGE 1



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

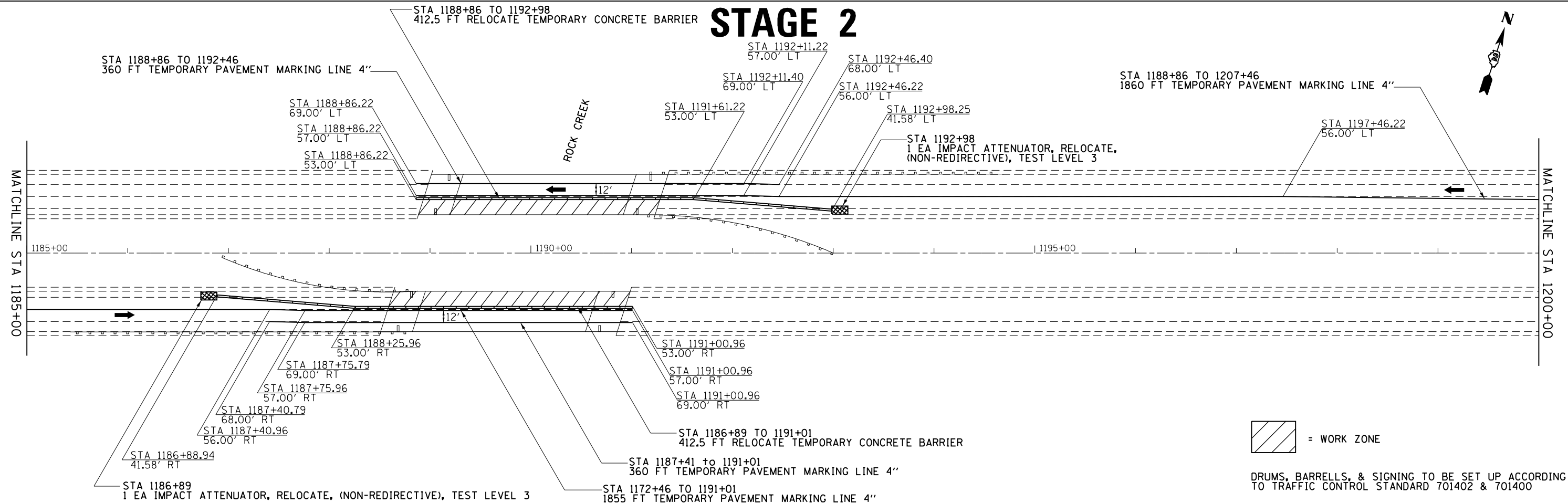
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1 098-0059 + 098 0060 ROCK CREEK BRIDGE RAIL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3-DRAWING\GAD\Drawings\201313-shr-staging	3-DRAWING	REVISED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	66	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/28/2017	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

# STAGE 2



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

# STAGE 2



= WORK ZONE

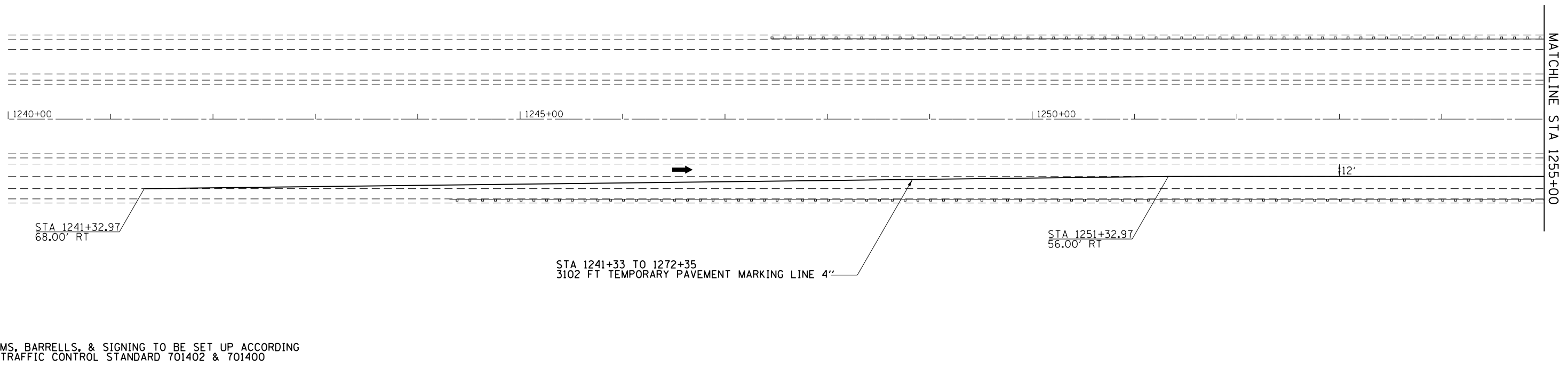
DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 2 098-0059 + 098 0060 ROCK CREEK BRIDGE RAIL</b>	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\Drawings\CAD\Drawings\2013\stg2\stg2.dwg	3D DRAWN	3D CHECKED	3D REVISED			88	(195-1)RS-1	WHITESIDE	140	67
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -	CONTRACT NO. 64J37							
Default	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							



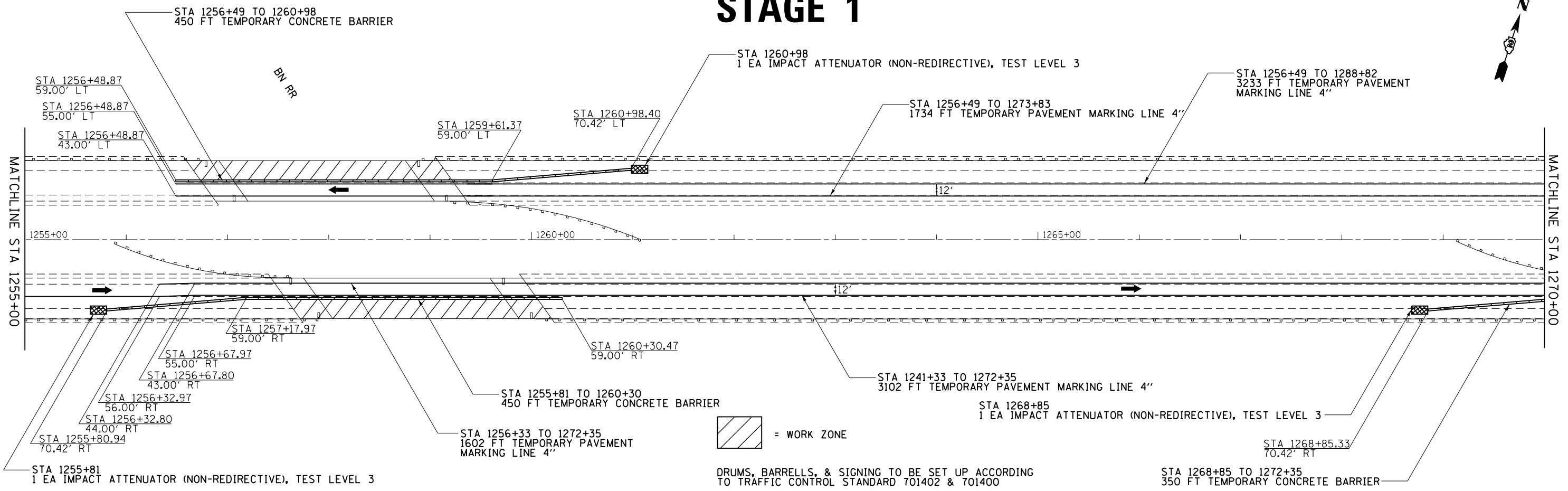


# STAGE 1



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

# STAGE 1



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

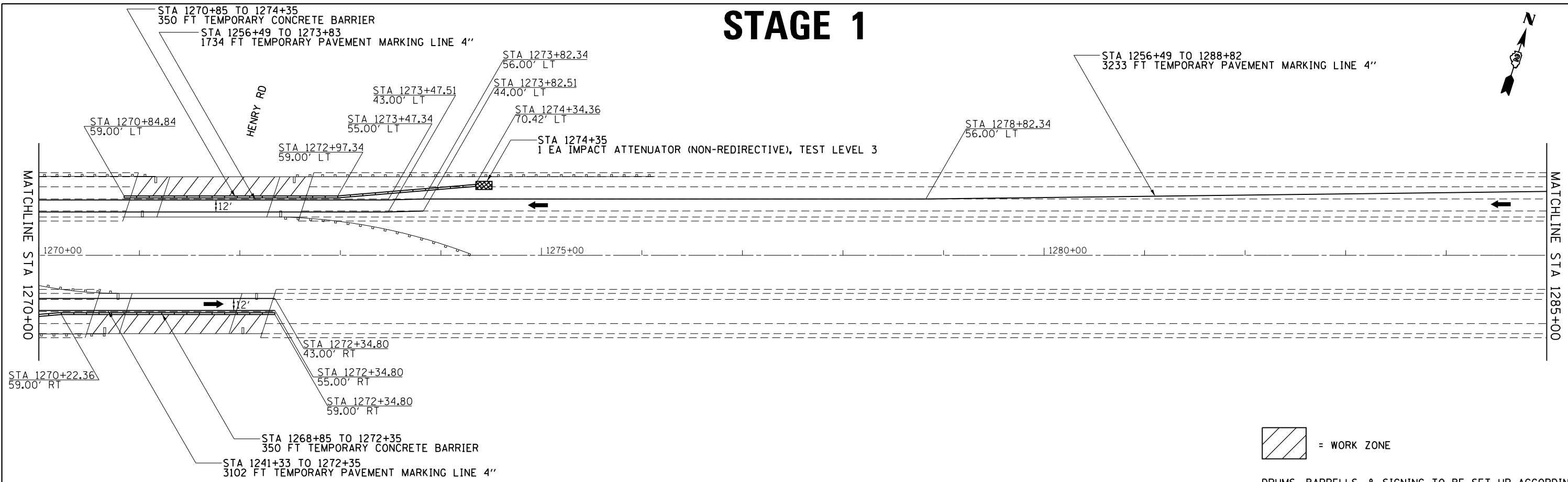
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		CHECKED -	REVISED -
Default	PLOT DATE = 3/28/2017	DATE -	REVISED -

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

SCALE:		SHEET OF SHEETS		STAGE 1	
				098-0061 + 098 0062 BN RR BRIDGE RAIL	
STA. TO STA.		CONTRACT NO. 64J37		ILLINOIS FED. AID PROJECT	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	69

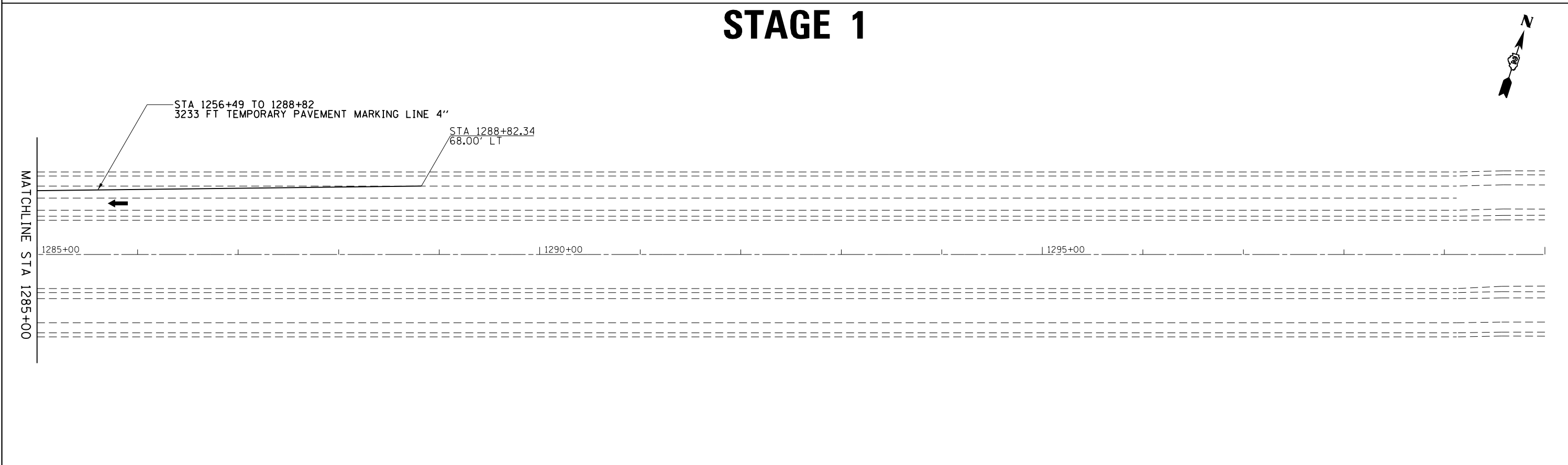
# STAGE 1



= WORK ZONE

DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

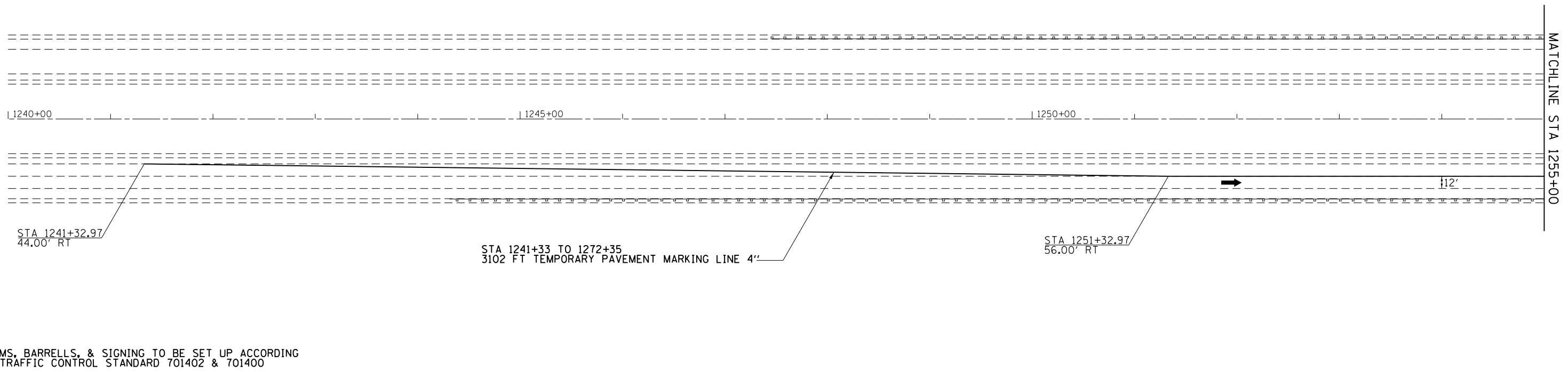
# STAGE 1



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

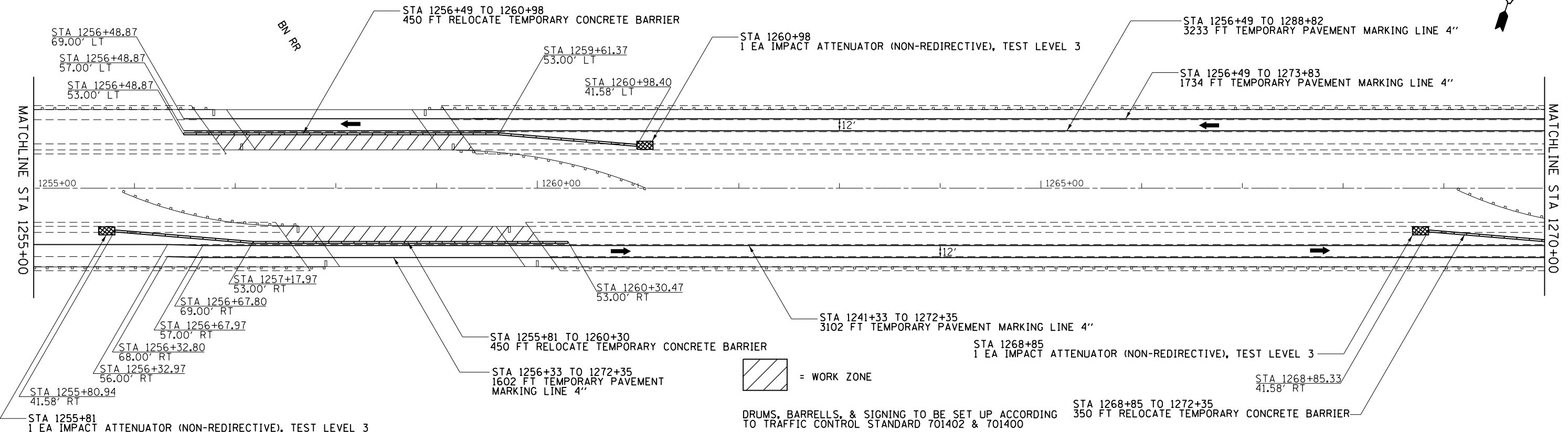
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\2203\Drawings\CAD\Sheets\2201313-sht-staging		DRAWN	REVISED		<b>098-0063 + 098 0064 HENRY RD BRIDGE RAIL</b>		88	(195-1)RS-1	WHITESIDE	140	70	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 64J37
	PLOT DATE = 3/28/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

# STAGE 2



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

# STAGE 2



= WORK ZONE

DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
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Default	PLOT DATE = 3/28/2017	CHECKED -	REVISED -
		DATE -	REVISED -

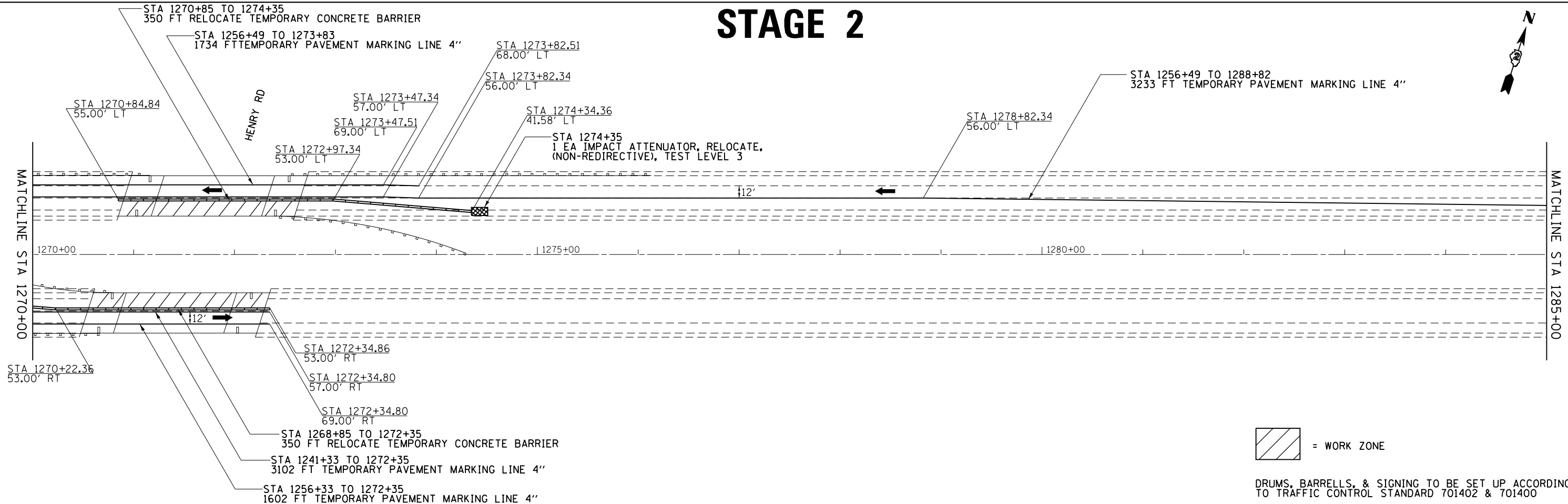
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.

STAGE 2  
098-0061 + 098 0062 BN RR BRIDGE RAIL

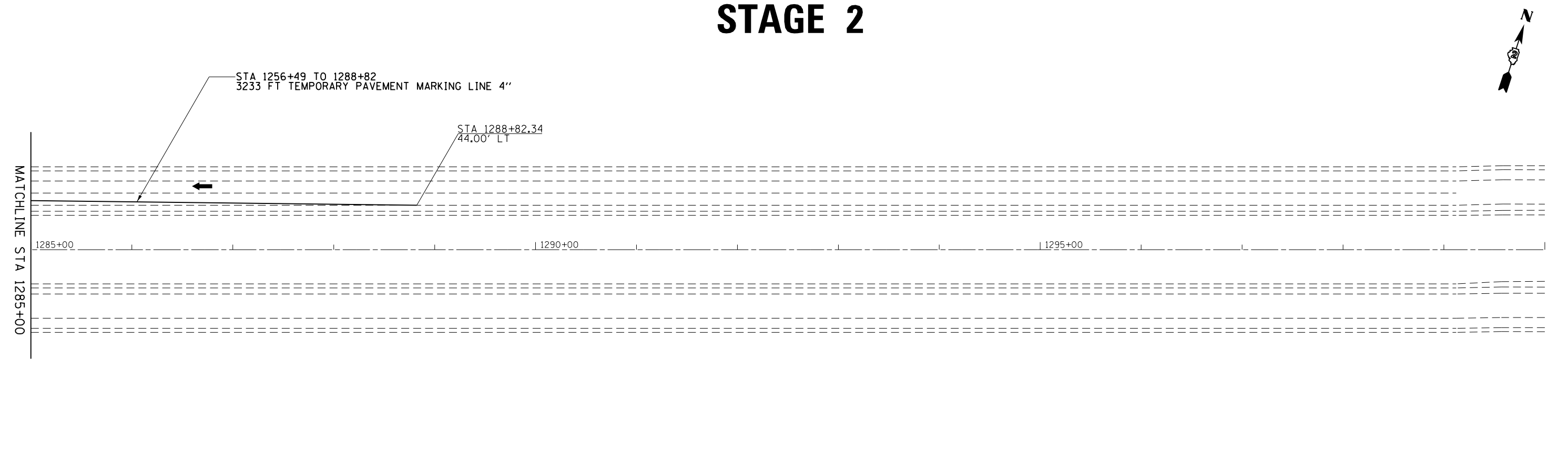
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	71
CONTRACT NO. 64J37				
ILLINOIS FED. AID PROJECT				

# STAGE 2



DRUMS, BARRELS, & SIGNING TO BE SET UP ACCORDING TO TRAFFIC CONTROL STANDARD 701402 & 701400

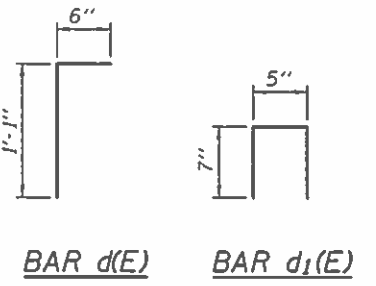
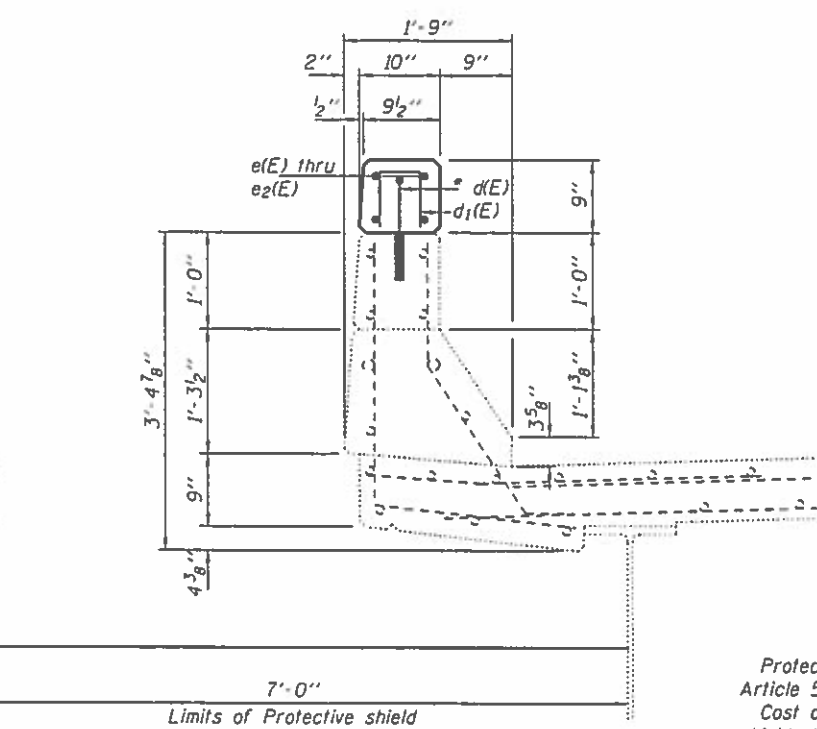
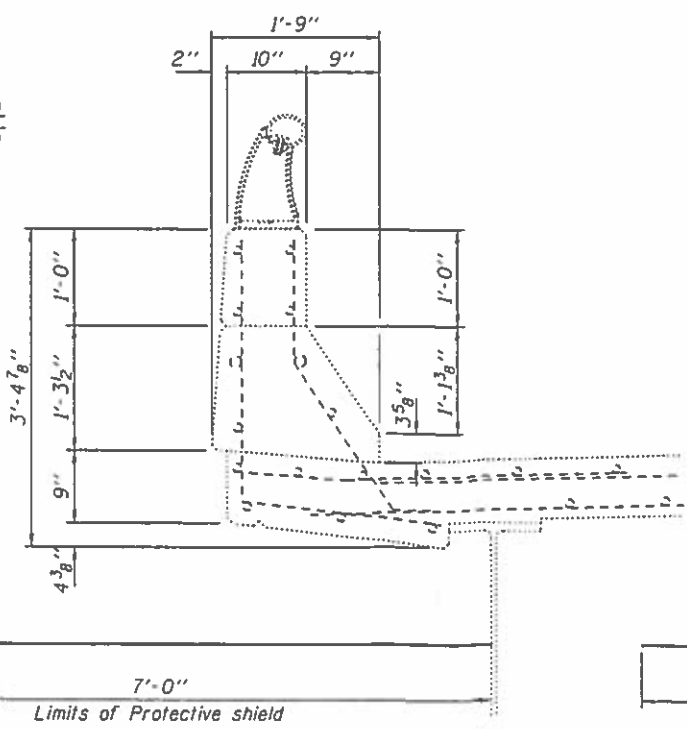
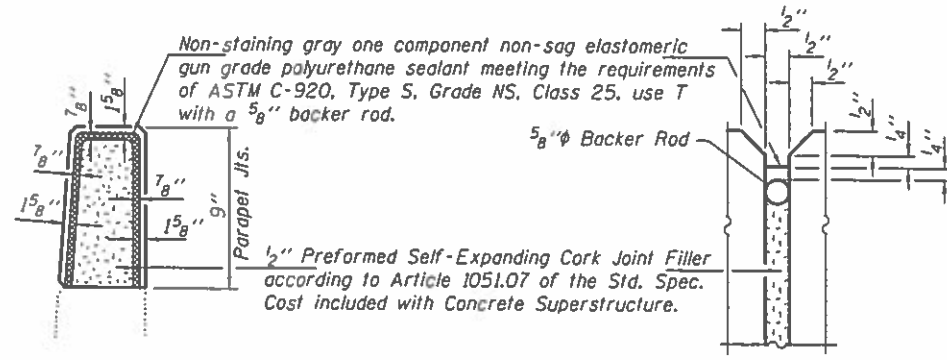
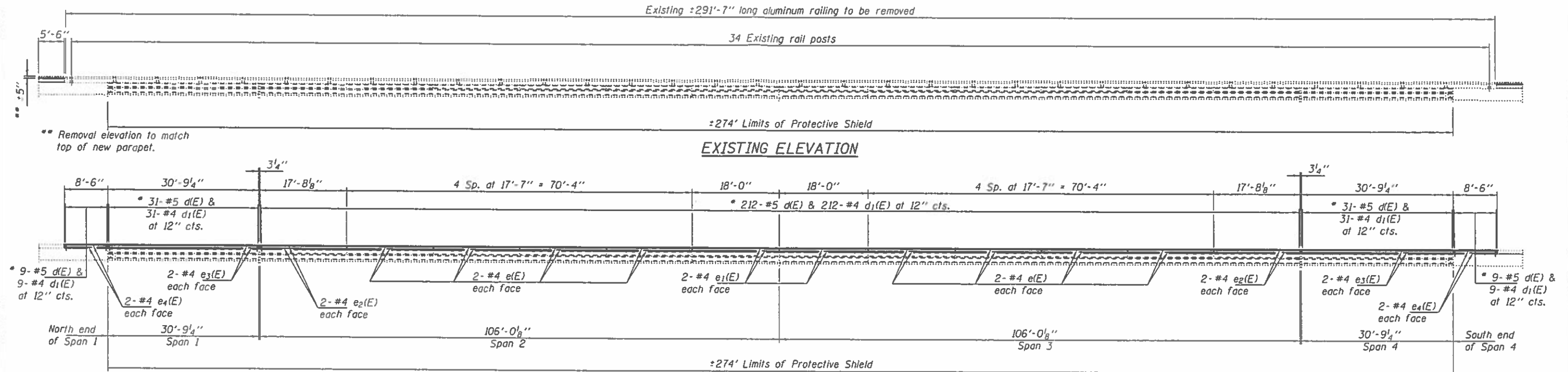
# STAGE 2



FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1 098-0063 + 098 0064 HENRY RD BRIDGE RAIL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2203\Drawings\CAD\Sheets\2201313-sht-staging		DRAWN -	REVISED -		88	(195-1)RS-1	WHITESIDE	140	72			
Default	PLOT SCALE = 100.0000' / 1" /	CHECKED -	REVISED -		CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/28/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

**NOTES**

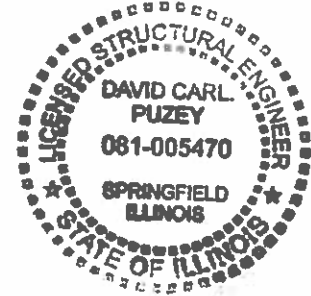
Reinforcement bars designated (E) shall be epoxy coated.  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
d(E)	584	#5	1'-7"	┌
d1(E)	584	#4	1'-7"	┐
e(E)	64	#4	17'-3"	—
e1(E)	16	#4	17'-8"	—
e2(E)	16	#4	17'-4"	—
e3(E)	16	#4	30'-5"	—
e4(E)	16	#4	8'-2"	—
Bridge Rail Removal		Foot		583
Concrete Removal		Cu. Yd.		0.4
Concrete Superstructure		Cu. Yd.		13.2
Protective Shield, Special		Sq. Yd.		426
Reinforcement Bars, Epoxy Coated		Pound		3120

Protective Shield, Special shall meet the requirements of Article 501.03 of the Standard Specifications.  
 Cost of all labor and material required to install protective shield shall be paid for at the contract unit price per Sq. Yd. for Protective Shield, Special.



DESIGNED: [Signature]  
 CHECKED: [Signature]  
 DRAWN: haliva  
 CHECKED: [Signature]

DATE: MARCH 16, 2017  
 PASSED: [Signature]  
 ENGINEER OF BRIDGES AND STRUCTURES

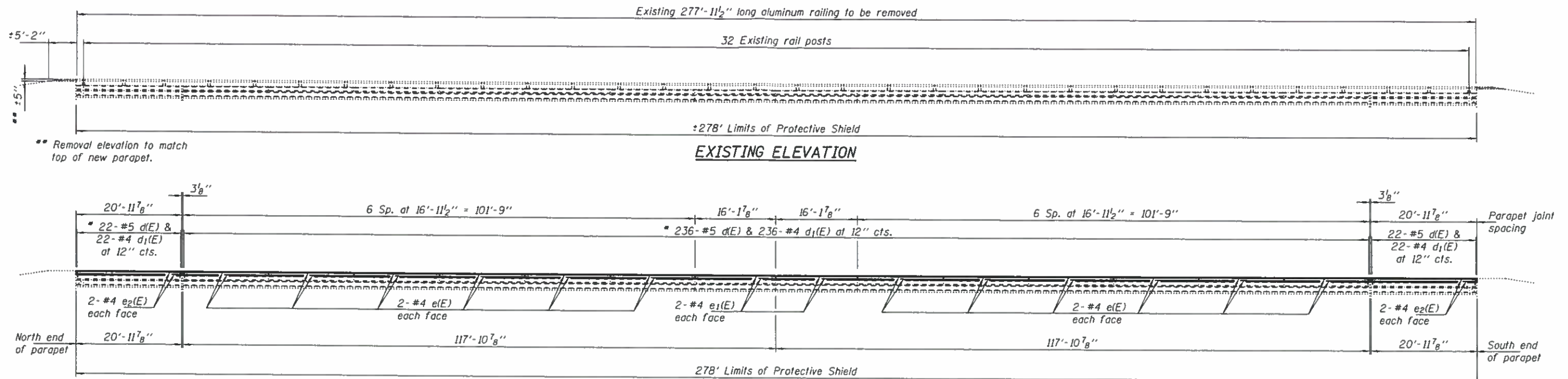
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PARAPET MODIFICATIONS  
 SN 098-0057  
 SHEET NO. 1 OF 1 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	73
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

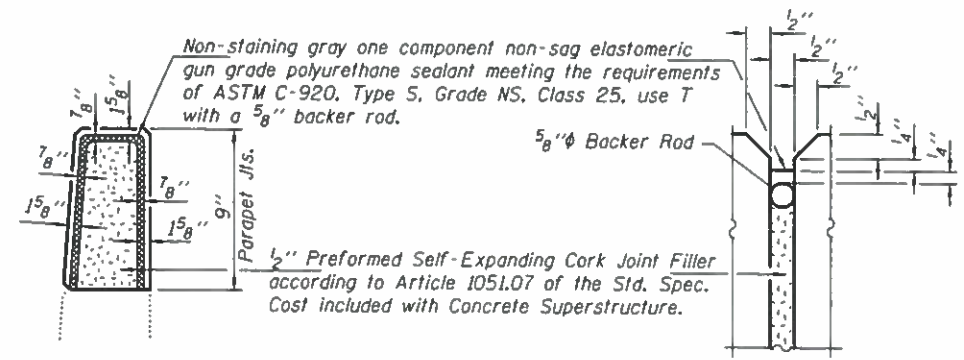
**NOTES**

Reinforcement bars designated (E) shall be epoxy coated.  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

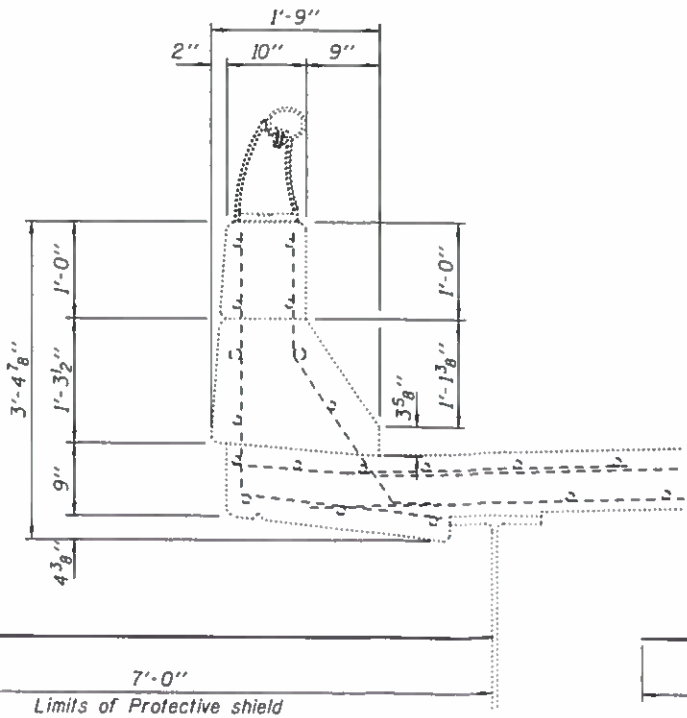


**PROPOSED ELEVATION**

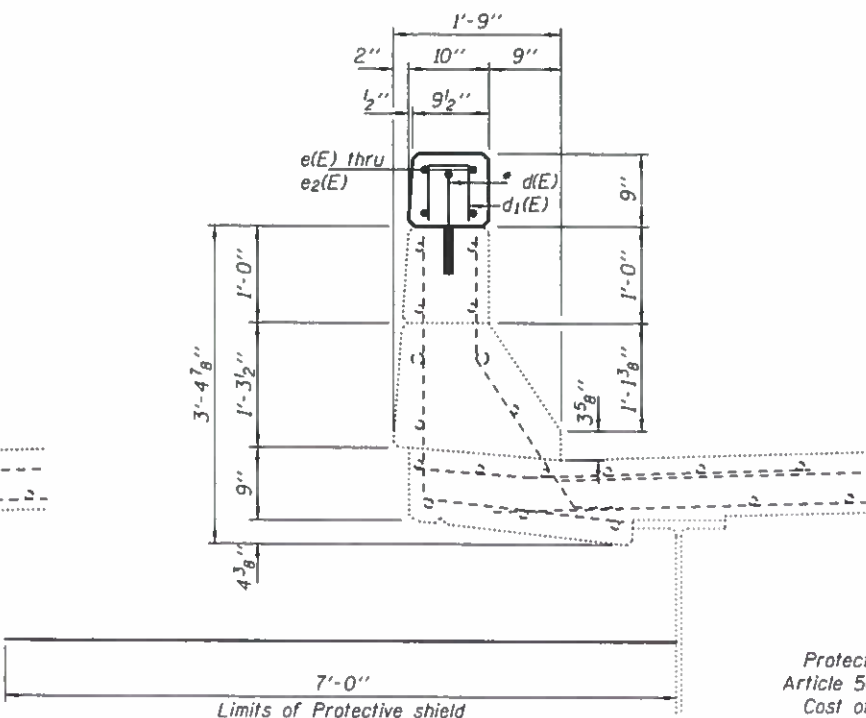
Epoxy grout d(E) bars in 6" min. holes according to Article 5B4 of the Standard Specifications.



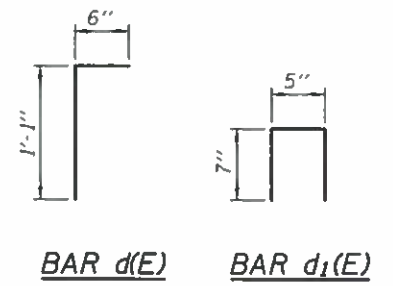
**PARAPET JOINT DETAILS**



**SECTION A-A**



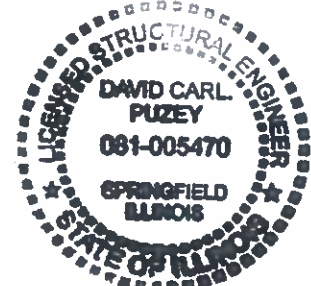
**SECTION B-B**



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
d(E)	560	#5	1'-7"	U
d1(E)	560	#4	1'-7"	T
e(E)	96	#4	16'-7"	—
e1(E)	16	#4	15'-10"	—
e2(E)	16	#4	20'-8"	—
Bridge Rail Removal			Foot	556
Concrete Removal			Cu. Yd.	0.3
Concrete Superstructure			Cu. Yd.	12.5
Protective Shield, Special			Sq. Yd.	433
Reinforcement Bars, Epoxy Coated			Pound	3300

Protective Shield, Special shall meet the requirements of Article 501.03 of the Standard Specifications.  
 Cost of all labor and material required to install protective shield shall be paid for at the contract unit price per Sq. Yd. for Protective Shield, Special.



DESIGNED: [Signature]  
 CHECKED: [Signature]  
 DRAWN: [Signature]  
 CHECKED: [Signature]

PASSED: [Signature]  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE: MARCH 16, 2017  
 REVISED: [Blank]  
 REVISED: [Blank]

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

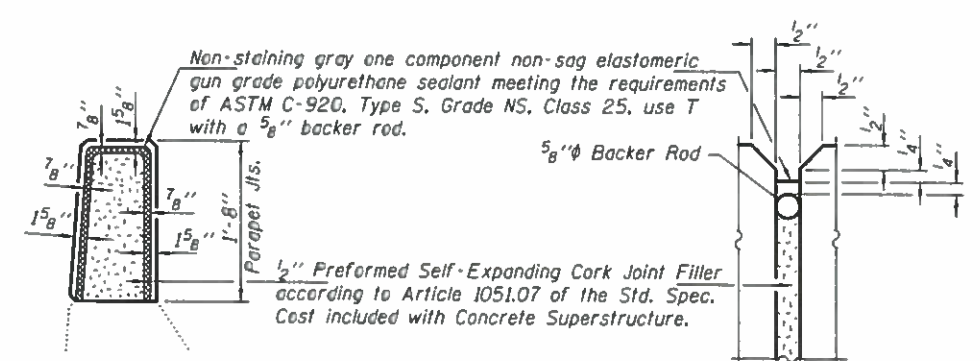
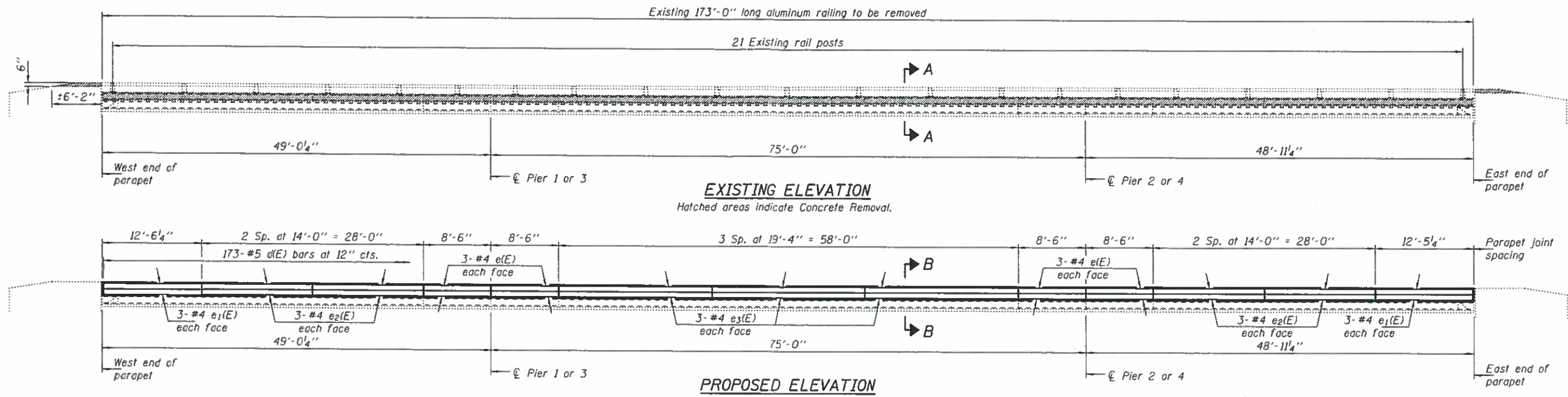
PARAPET MODIFICATIONS  
 SN 098-0058  
 SHEET NO. 1 OF 1 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BB	(195-1)RS-1	WHITESIDE	140	74
CONTRACT NO.				

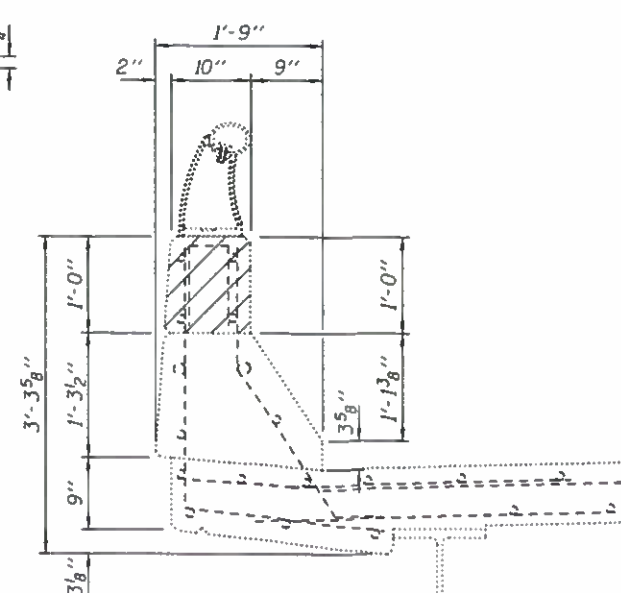


**NOTES**

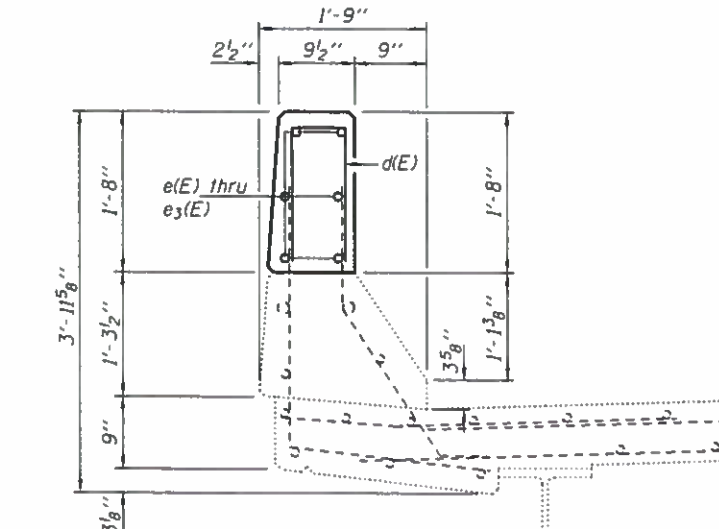
Reinforcement bars designated (E) shall be epoxy coated.  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



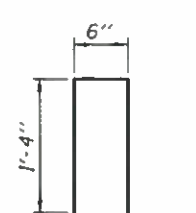
**PARAPET JOINT DETAILS**



**SECTION A-A**



**SECTION B-B**



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
d(E)	692	#5	3'-2"	—	
e(E)	96	#4	8'-3"	—	
e1(E)	48	#4	12'-2"	—	
e2(E)	96	#4	13'-8"	—	
e3(E)	72	#4	19'-0"	—	
Bridge Rail Removal				Foot	692
Concrete Removal				Cu. Yd.	22.7
Concrete Superstructure				Cu. Yd.	36.5
Reinforcement Bars, Epoxy Coated				Pound	5000



EXPIRES 11-30-2018

DESIGNED: [Signature]  
 CHECKED: [Signature]  
 DRAWN: [Signature]  
 CHECKED: [Signature]

PASSED: [Signature]  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE: MARCH 16, 2017  
 REVISED: [Blank]  
 REVISED: [Blank]

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PARAPET MODIFICATIONS  
 SN 098-0059 & 0060  
 SHEET NO. 1 OF 2 SHEETS

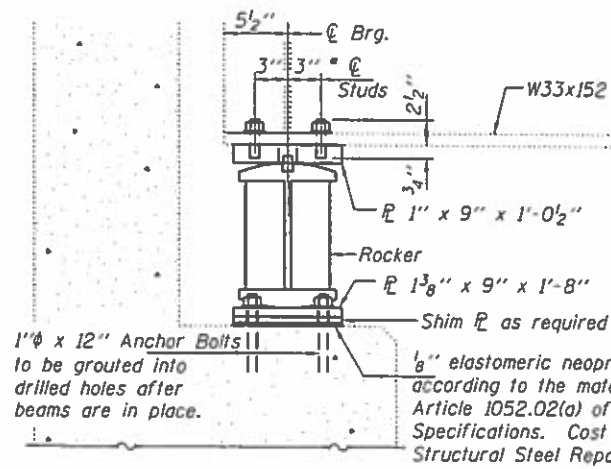
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BB	(195-1)RS-1	WHITESIDE	140	75
CONTRACT NO.				

ILLINOIS FED. AID PROJECT



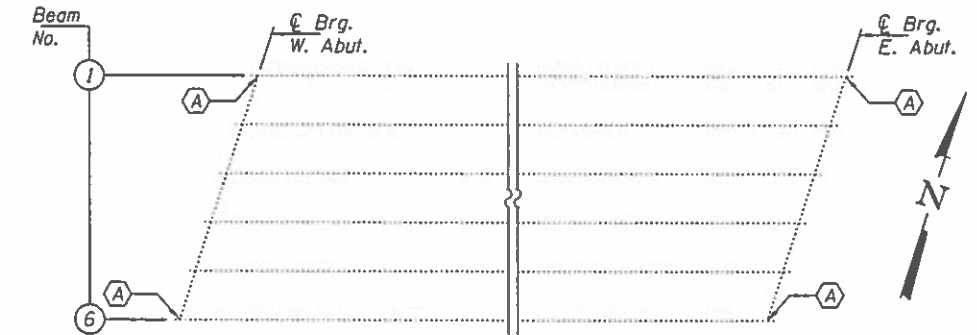
**NOTES**

All structural steel shall conform to AASHTO Classification M-270 Gr. 50, unless otherwise noted.  
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.  
 Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the GBSP "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".  
 All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Steel Bearing Assembly.  
 Fasteners shall be high strength bolts. Bolts 3/4"φ, open holes 1/16"φ, unless otherwise noted.



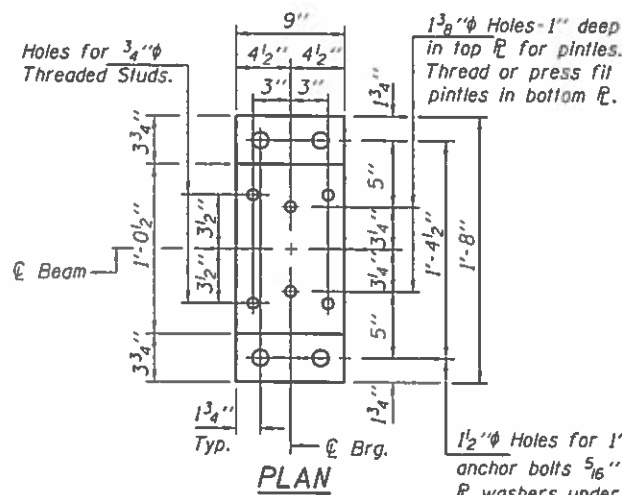
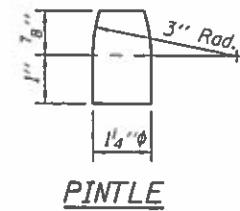
3/4"φ Threaded Stud with flat washer & hex nut. (4 Required per bearing)  
 Cost included with Steel Bearing Assembly.

**SECTION AT ABUTMENTS**  
 (Beams 1 & 6 only)



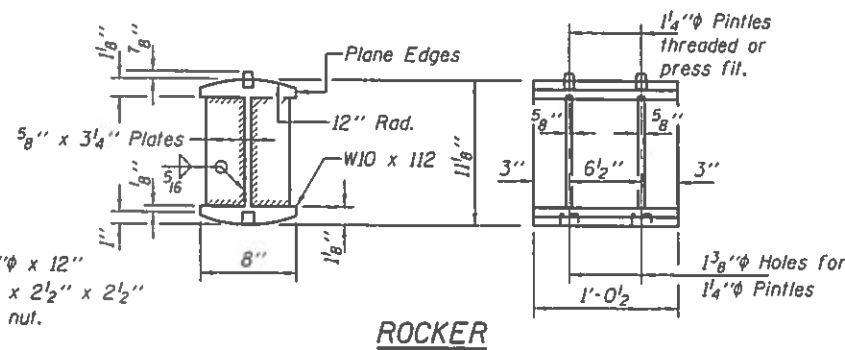
**PARTIAL PLAN**  
 SN 098-0059 & 0060

(A) - Bearing replacement

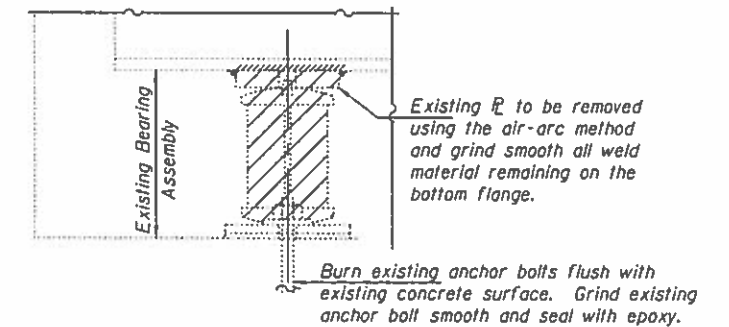


**BEARING REPLACEMENT**

Cost included with Structural Steel Repair.



**ROCKER**



**EXISTING BEARING REMOVAL DETAIL**

(Beams 1 & 6 only)  
 Cost included with Jack and Remove Existing Bearings.

**Notes:**

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts shall be placed in holes drilled in the concrete through holes in the bottom bearing plate after members are in place.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Min. jack capacity = 45 Tons.

**BEAM REACTIONS**

R <sub>P</sub>	(K)	20.7
R <sub>L</sub>	(K)	40.9
Imp.	(K)	11.8
R (Total)	(K)	73.4

**BILL OF MATERIAL**

Item	Unit	Total
Steel Bearing Assembly	Each	8
Jack and Remove Existing Bearings	Each	8
Anchor Bolts, 1"φ	Each	32

DESIGNED DAB  
 CHECKED JGY  
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 CHECKED DAB JGY

PASSED  
  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE MARCH 16, 2017  
 REVISED  
 REVISED

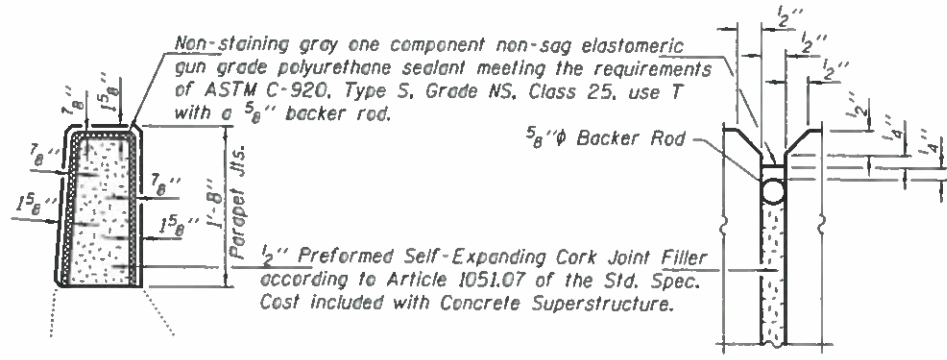
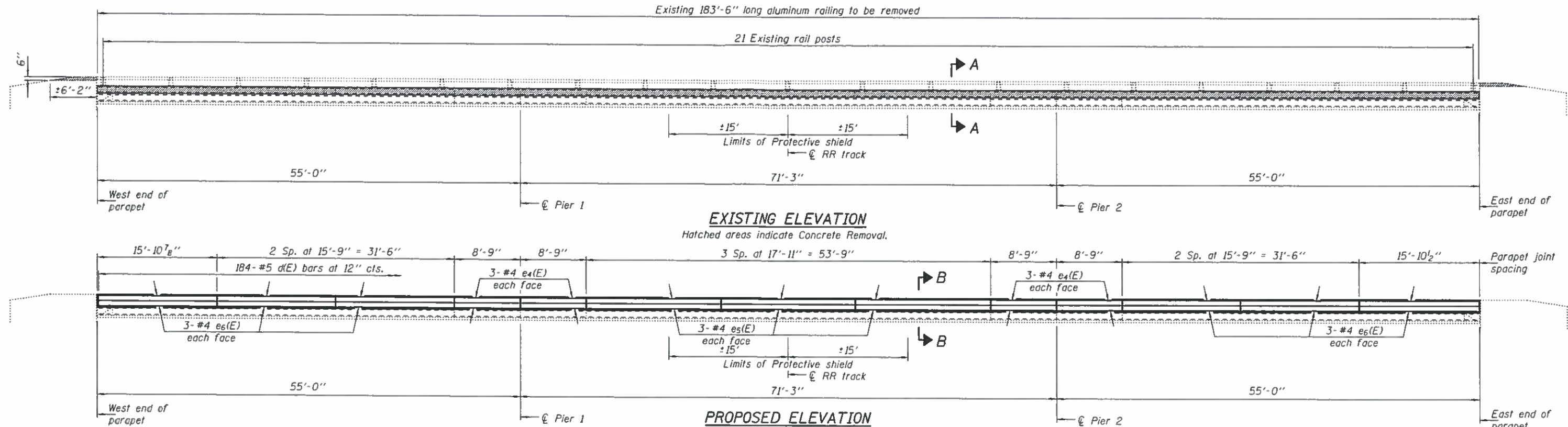
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ABUTMENT BEARING REPLACEMENT DETAILS  
 SN 098-0059 & 0060  
 SHEET NO. 2 OF 2 SHEETS

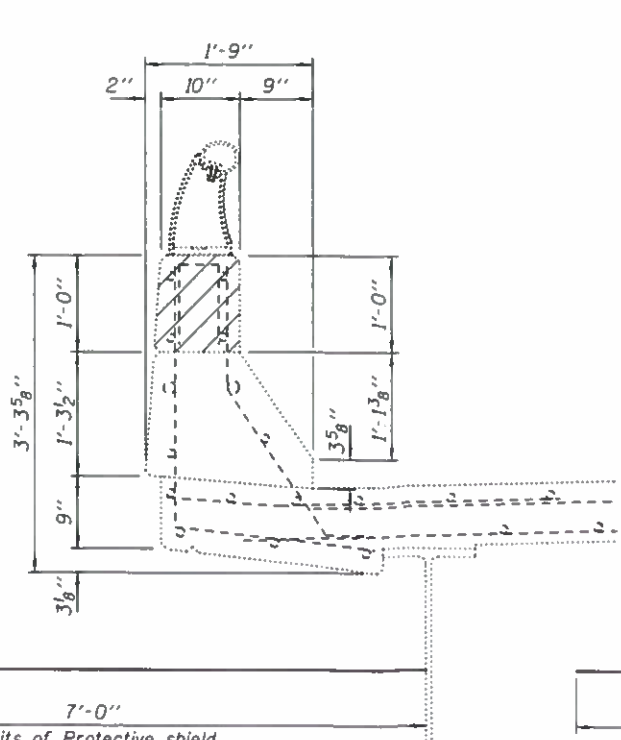
F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 08 (195-1)RS-1 WHITESIDE 140 76  
 CONTRACT NO.  
 ILLINOIS FED. AID PROJECT

**NOTES**

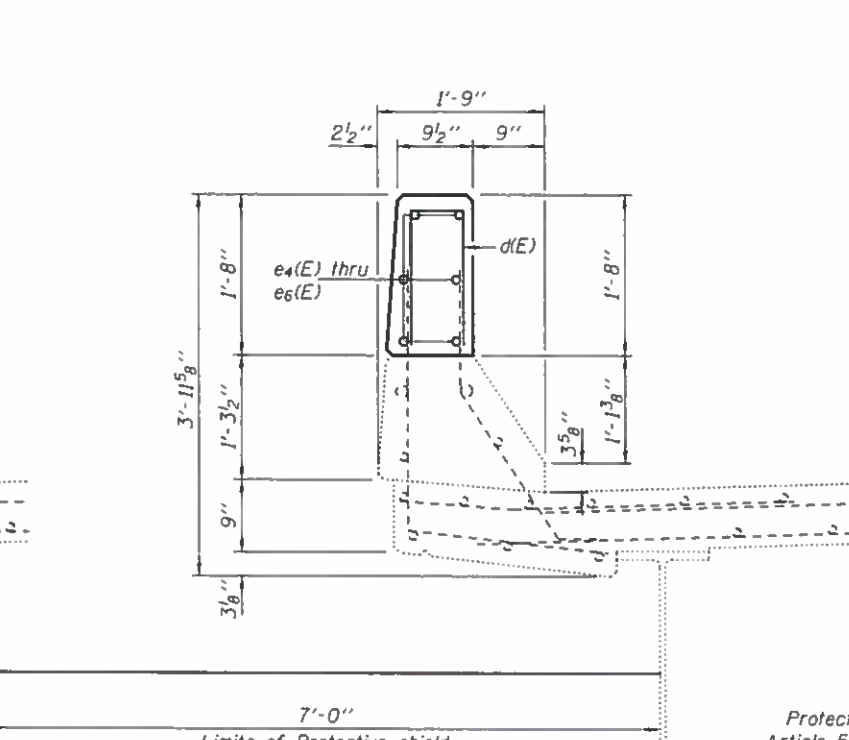
Reinforcement bars designated (E) shall be epoxy coated.  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



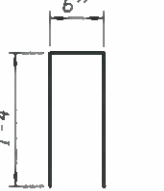
**PARAPET JOINT DETAILS**



**SECTION A-A**



**SECTION B-B**



**BAR d(E)**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
d(E)	728	#5	3'-2"	—	
e4(E)	96	#4	8'-6"	—	
e5(E)	72	#4	17'-8"	—	
e6(E)	144	#4	15'-6"	—	
Bridge Rail Removal				Foot	734
Concrete Removal				Cu. Yd.	24.1
Concrete Superstructure				Cu. Yd.	38.9
Protective Shield, Special				Sq. Yd.	94
Reinforcement Bars, Epoxy Coated				Pound	4790

Protective Shield, Special shall meet the requirements of Article 501.03 of the Standard Specifications.  
 Cost of all labor and material required to install protective shield shall be paid for at the contract unit price per Sq. Yd. for Protective Shield, Special.



DESIGNED: *[Signature]*  
 CHECKED: *[Signature]*  
 DRAWN: *[Signature]*  
 CHECKED: *[Signature]*

DATE: MARCH 16, 2017

REVISOR: \_\_\_\_\_  
 REVISION: \_\_\_\_\_

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PARAPET MODIFICATIONS  
 SN 098-0061 & 0062

SHEET NO. 1 OF 2 SHEETS

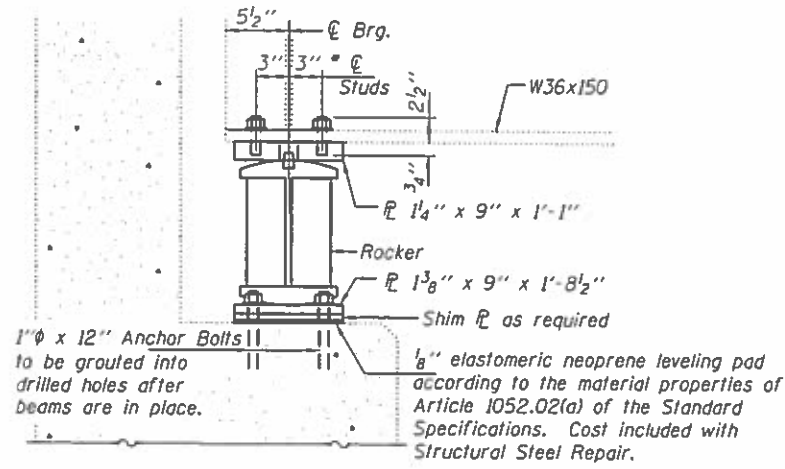
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BB	(195-1)RS-1	WHITESIDE	140	77

CONTRACT NO. \_\_\_\_\_

ILLINOIS FED. AID PROJECT

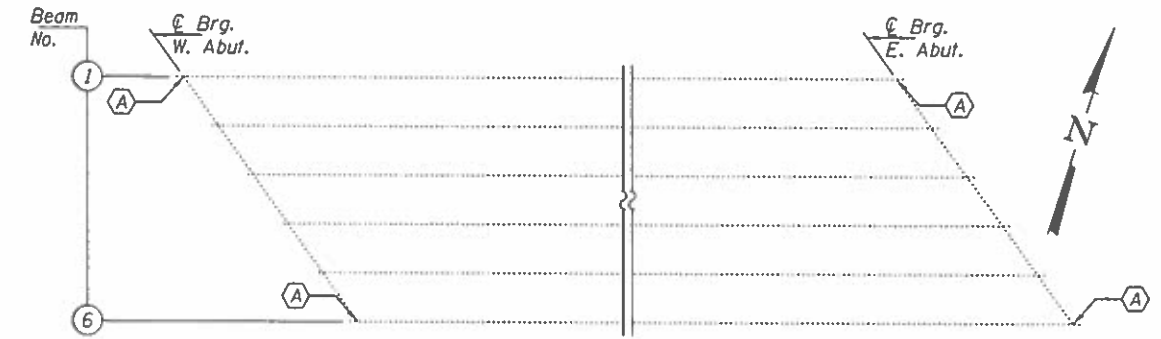
**NOTES**

All structural steel shall conform to AASHTO Classification M-270 Gr. 50, unless otherwise noted.  
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.  
 Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the GBSP "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".  
 All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Steel Bearing Assembly.  
 Fasteners shall be high strength bolts. Bolts 3/4"φ, open holes 13/16"φ, unless otherwise noted.



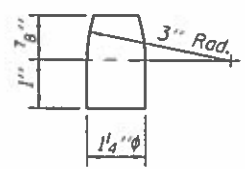
• 3/4"φ Threaded Stud with flat washer & hex nut. (4 Required per bearing)  
 Cost included with Steel Bearing Assembly.

**SECTION AT ABUTMENTS**  
 (Beams 1 & 6 only)

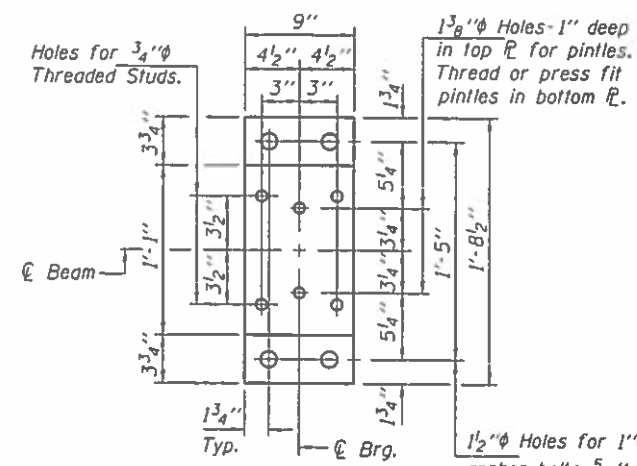


**PARTIAL PLAN**  
 SN 098-0061 & 0062

(A) - Bearing replacement



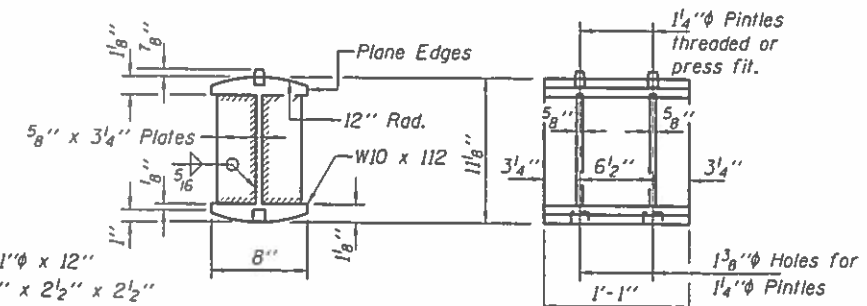
**PINTLE**



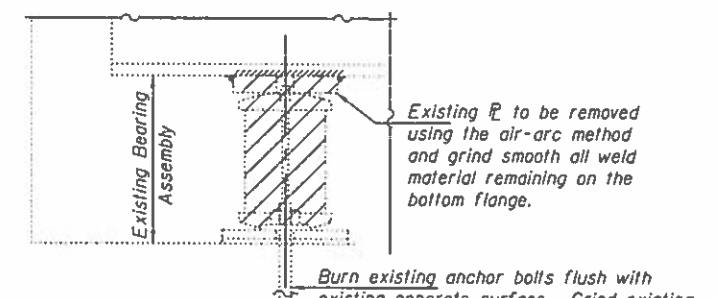
**PLAN**

**BEARING REPLACEMENT**

Cost included with Structural Steel Repair.



**ROCKER**



**EXISTING BEARING REMOVAL DETAIL**

(Beams 1 & 6 only)  
 Cost included with Jack and Remove Existing Bearings.

**Notes:**  
 Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.  
 Anchor bolts shall be placed in holes drilled in the concrete through holes in the bottom bearing plate after members are in place.  
 Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.  
 Min. jack capacity = 50 Tons.

**BEAM REACTIONS**

R <sub>1</sub>	(K)	26.8
R <sub>2</sub>	(K)	43.0
Imp.	(K)	11.9
R (Total)	(K)	81.7

**BILL OF MATERIAL**

Item	Unit	Total
Steel Bearing Assembly	Each	8
Jack and Remove Existing Bearings	Each	8
Anchor Bolts, 1"φ	Each	32

DESIGNED DAB  
 CHECKED JGY  
 DRAWN baliva  
 CHECKED DAB JGY

DATE MARCH 16, 2017  
 PASSED  
 ENGINEER OF BRIDGES AND STRUCTURES

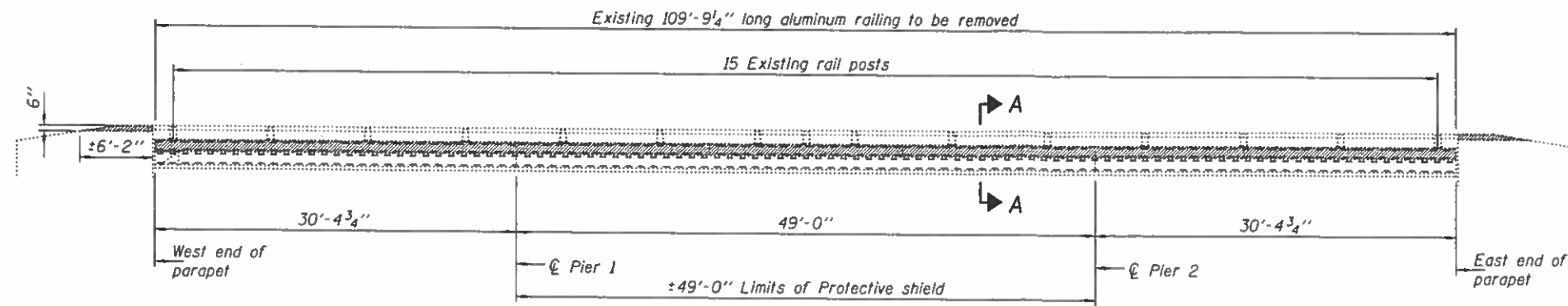
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ABUTMENT BEARING REPLACEMENT DETAILS  
 SN 098-0061 & 0062  
 SHEET NO. 2 OF 2 SHEETS

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 88 (195-1)RS-1 WHITESIDE 140 78  
 CONTRACT NO.  
 ILLINOIS FED. AID PROJECT

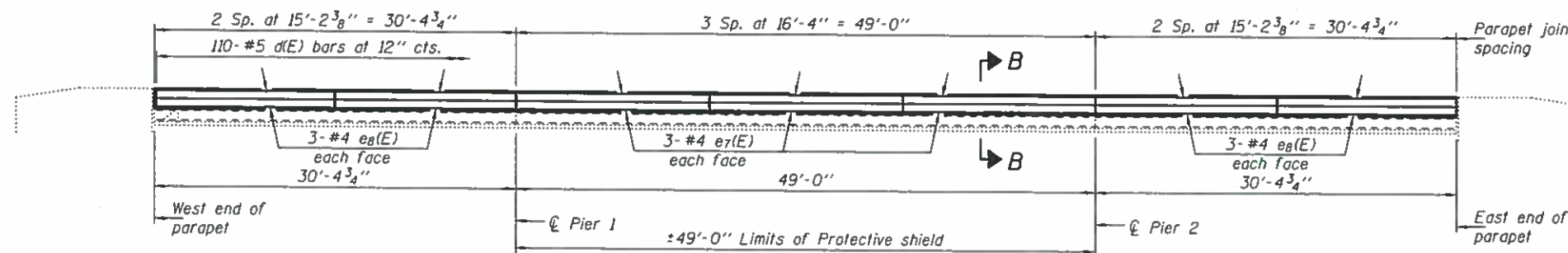
**NOTES**

Reinforcement bars designated (E) shall be epoxy coated.  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

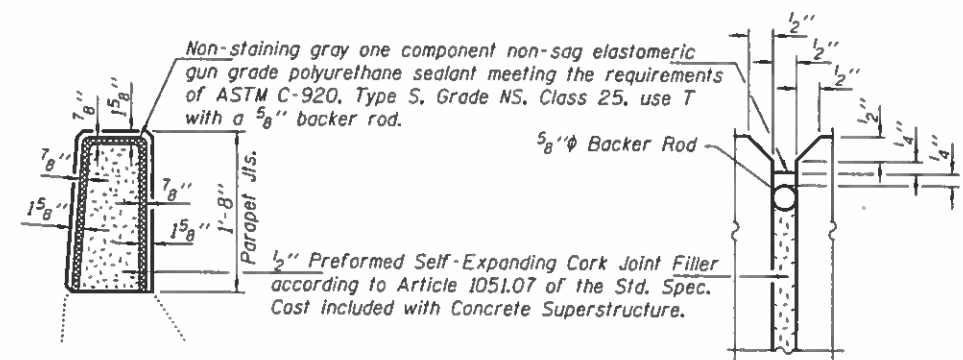


**EXISTING ELEVATION**

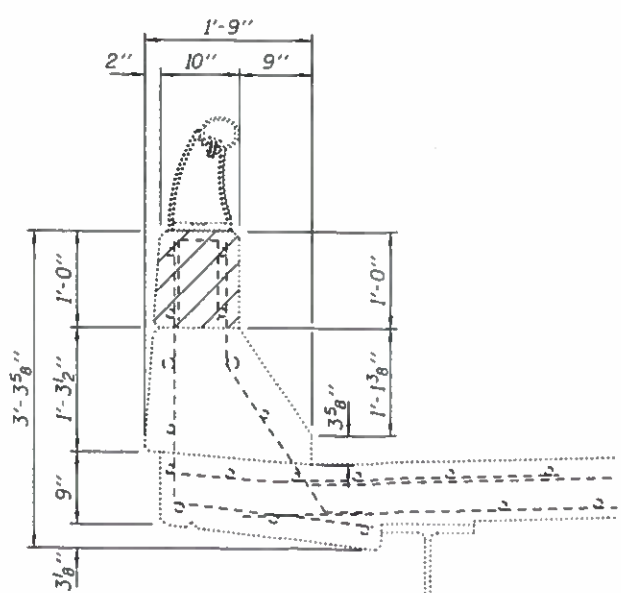
Hatched areas indicate Concrete Removal.



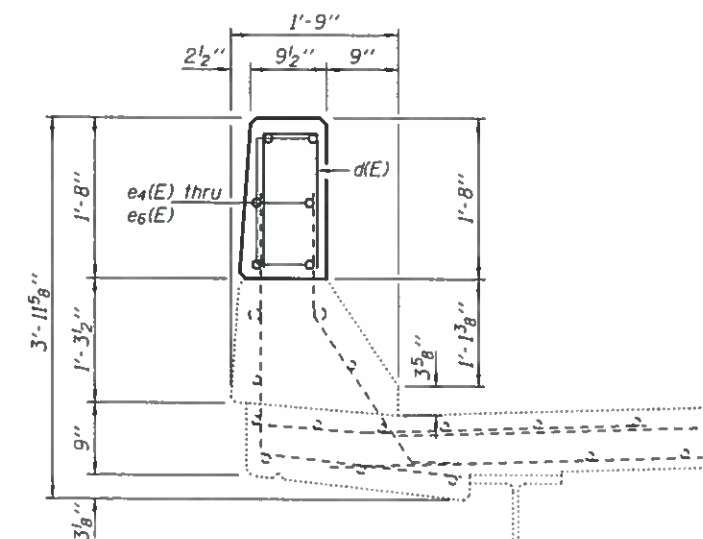
**PROPOSED ELEVATION**



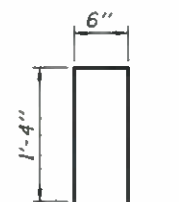
**PARAPET JOINT DETAILS**



**SECTION A-A**



**SECTION B-B**

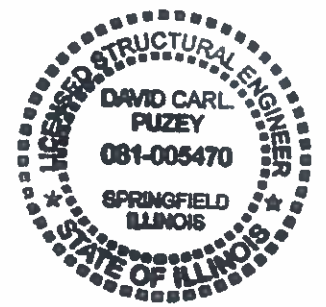


**BAR d(E)**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
d(E)	440	#5	3'-2"	—
e7(E)	72	#4	16'-0"	—
e8(E)	96	#4	14'-10"	—
Bridge Rail Removal		Foot	439	
Concrete Removal		Cu. Yd.	14.5	
Concrete Superstructure		Cu. Yd.	23.2	
Protective Shield, Special		Sq. Yd.	153	
Reinforcement Bars, Epoxy Coated		Pound	3170	

Protective Shield, Special shall meet the requirements of Article 501.03 of the Standard Specifications.  
 Cost of all labor and material required to install protective shield shall be paid for at the contract unit price per Sq. Yd. for Protective Shield, Special.



EXPIRES 11-30-2018

DESIGNED: *[Signature]*  
 CHECKED: *[Signature]*  
 DRAWN: *[Signature]*  
 CHECKED: *[Signature]*

PASSED: *[Signature]*  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE: MARCH 16, 2017  
 REVISED: \_\_\_\_\_  
 REVISED: \_\_\_\_\_

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PARAPET MODIFICATIONS  
 SN 098-0063 & 0064

SHEET NO. 1 OF 2 SHEETS

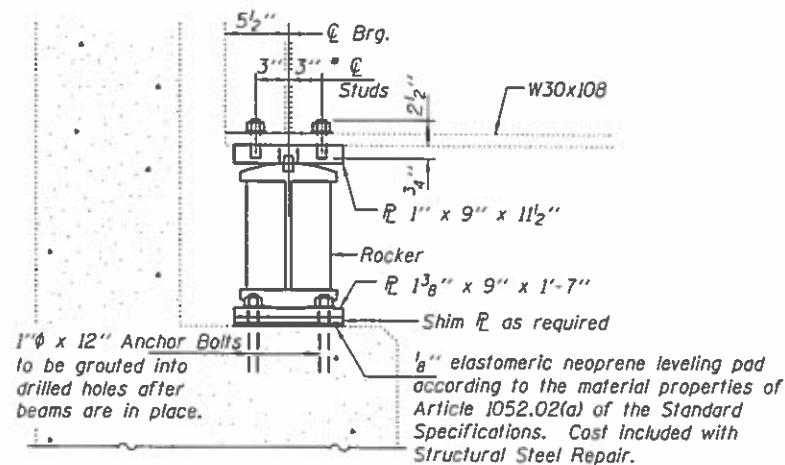
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BB	(195-1)RS-1	WHITESIDE	140	79
CONTRACT NO.				

ILLINOIS FED. AID PROJECT



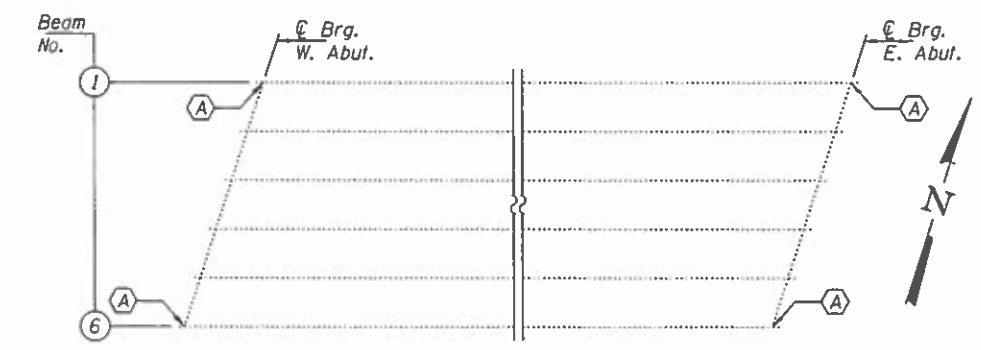
**NOTES**

All structural steel shall conform to AASHTO Classification M-270 Gr. 50, unless otherwise noted.  
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.  
 Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the GBSP "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".  
 All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Steel Bearing Assembly.  
 Fasteners shall be high strength bolts. Bolts 3/4"φ, open holes 13/16"φ, unless otherwise noted.

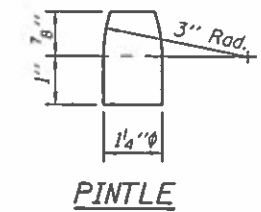


3/4"φ Threaded Stud with flat washer & hex nut. (4 Required per bearing)  
 Cost included with Steel Bearing Assembly.

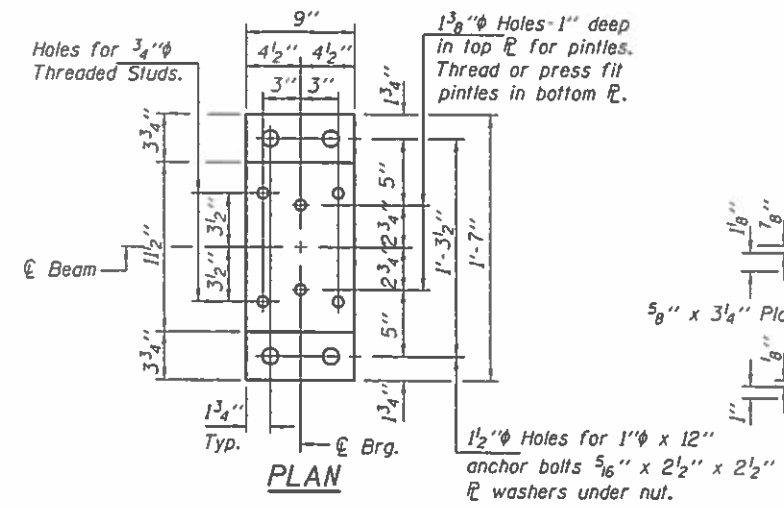
**SECTION AT ABUTMENTS**  
 (Beams 1 & 6 only)



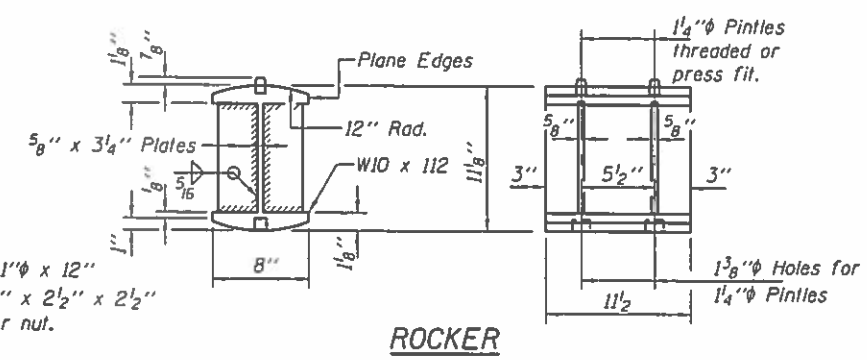
**PARTIAL PLAN**  
 SN 098-0063 & 0064  
 (A) - Bearing replacement



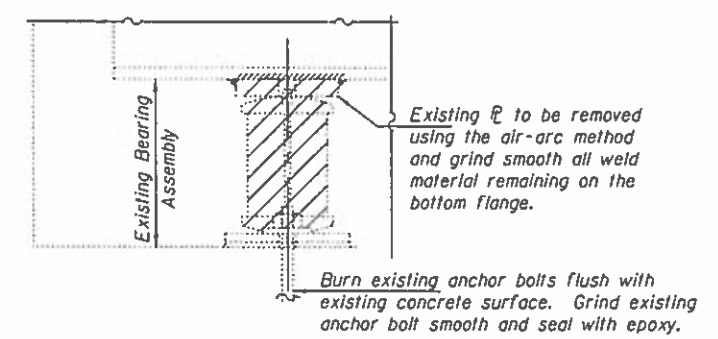
**PINTLE**



**BEARING REPLACEMENT**  
 Cost included with Structural Steel Repair.



**ROCKER**



**EXISTING BEARING REMOVAL DETAIL**  
 (Beams 1 & 6 only)  
 Cost included with Jack and Remove Existing Bearings.

Notes:  
 Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.  
 Anchor bolts shall be placed in holes drilled in the concrete through holes in the bottom bearing plate after members are in place.  
 Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.  
 Min. jack capacity = 30 Tons.

**BEAM REACTIONS**

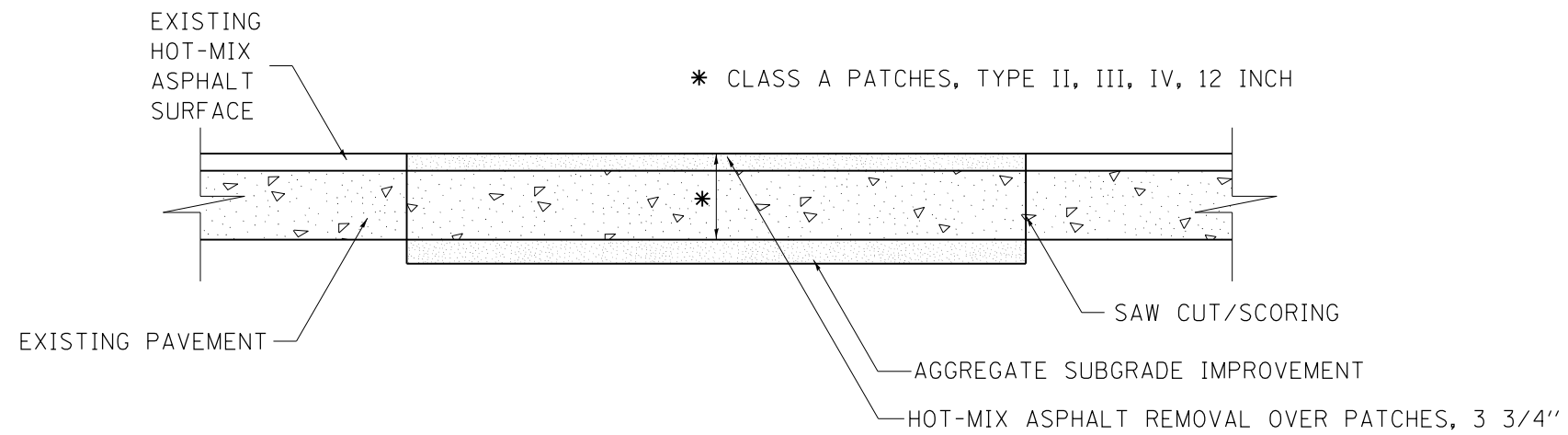
RP	(K)	11.0
Rt	(K)	35.3
Imp.	(K)	10.6
R (Total)	(K)	56.9

**BILL OF MATERIAL**

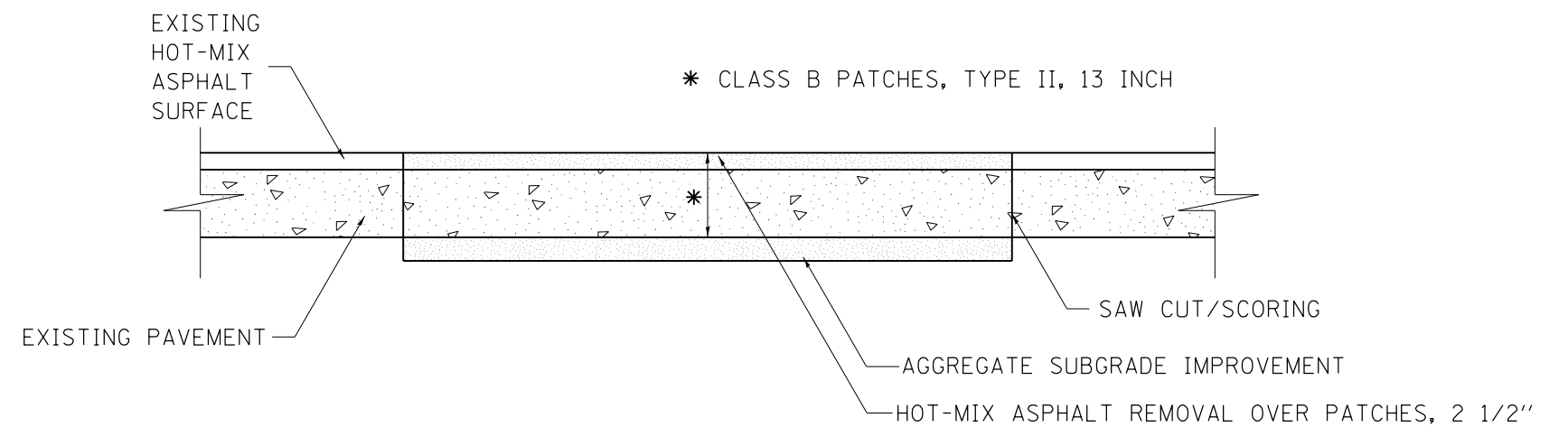
Item	Unit	Total
Steel Bearing Assembly	Each	8
Jack and Remove Existing Bearings	Each	8
Anchor Bolts, 1"φ	Each	32

# PAVEMENT PATCHING DETAIL

## CLASS A PATCHES



## CLASS B PATCHES



### 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.

### SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. REMOVE AND REPLACE FULL DEPTH PATCHES

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING DETAIL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2203\Drawings\CAD\Sheets\201313-sht-details	3DRAWD	REVISIONS	REVISED -					88	(195-1)RS-1	WHITESIDE	140	81
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64J37				
	PLOT DATE = 3/28/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



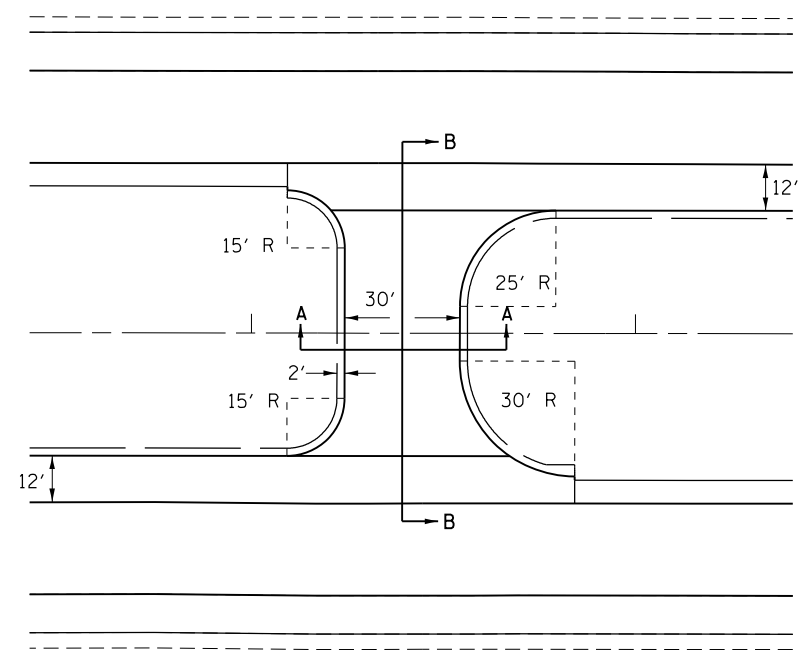




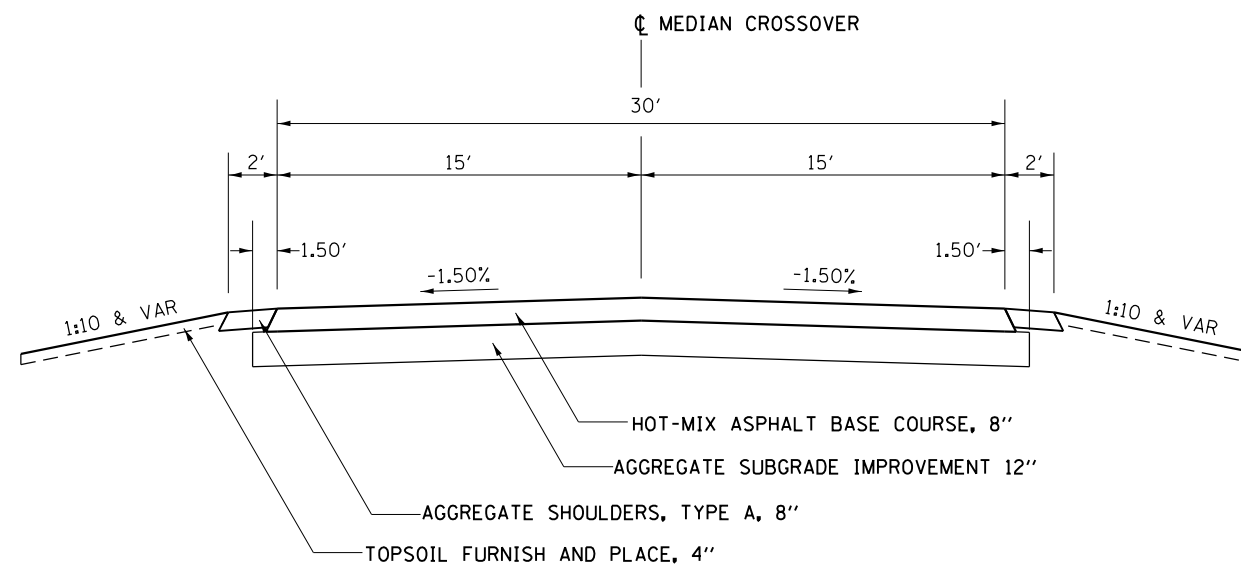
# MEDIAN CROSSOVER DETAIL

## INTERSTATE 88

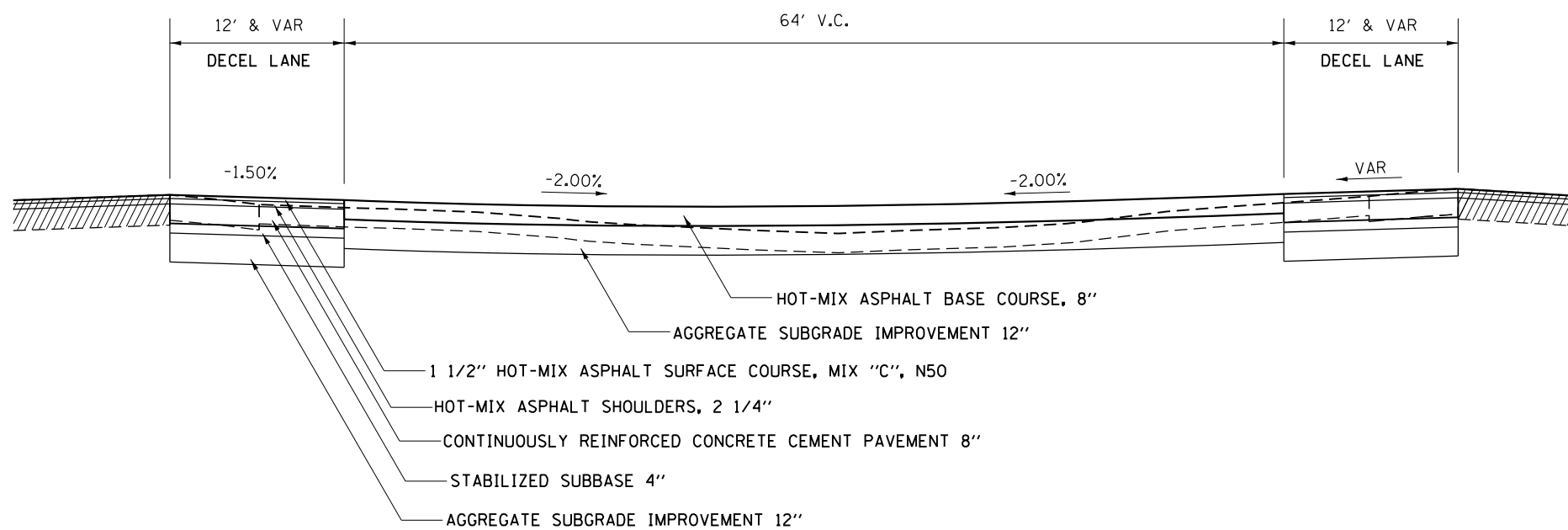
STA 926+95.55  
STA 1009+19.64  
STA 1142+39.28



PLAN VIEW



SECTION A-A

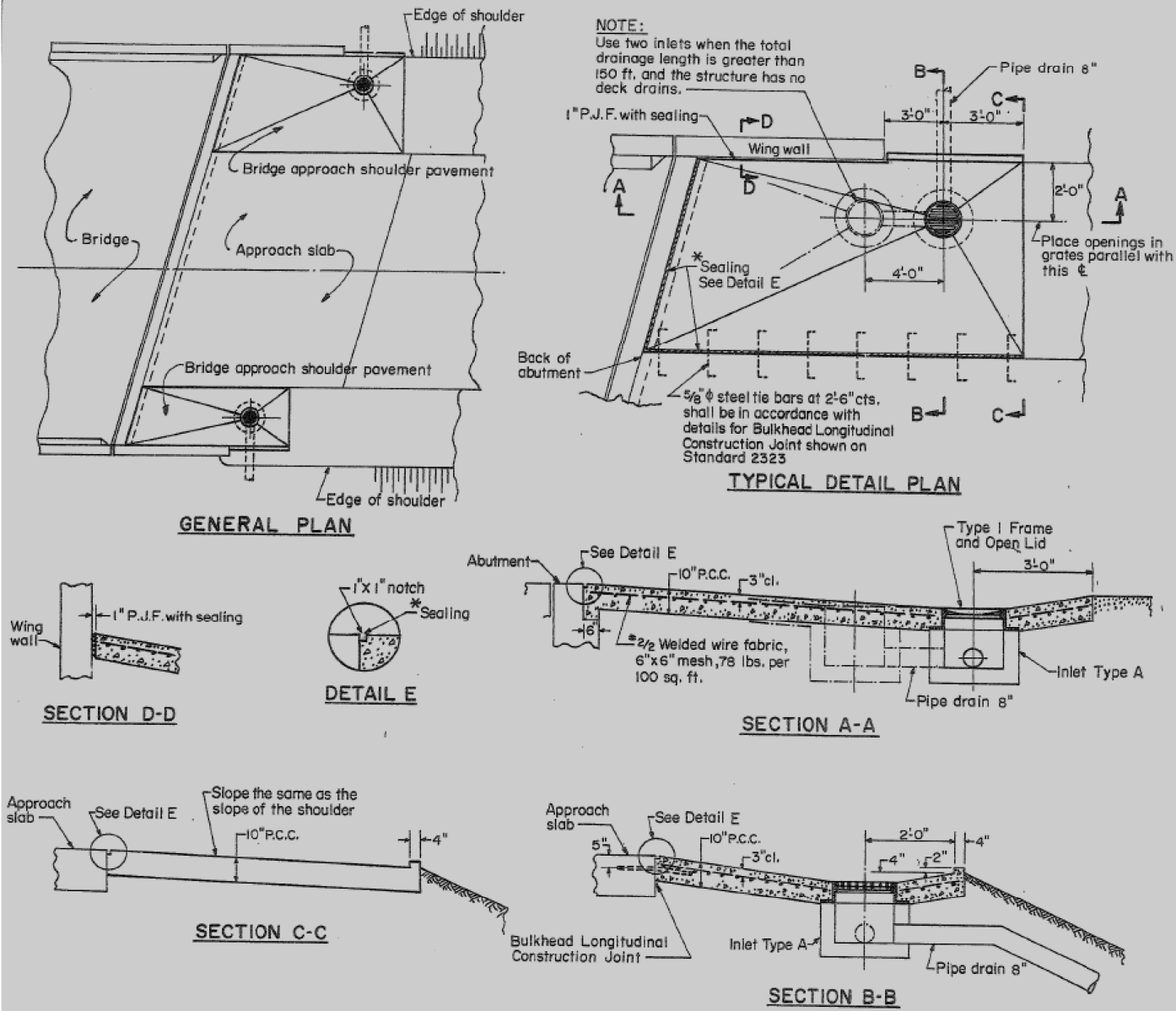


SECTION B-B

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MEDIAN CROSSOVER DETAIL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2013\3-sht-details	3-DRAWN	3-CHECKED	3-REVISED					88	(195-1)RS-1	WHITESIDE	140	84
Default	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		CONTRACT NO. 64J37			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/28/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

# APPROACH PAVEMENT DETAIL

## STANDARD DESIGN BRIDGE APPROACH SHOULDER PAVEMENT



FOR INFORMATION PURPOSES ONLY

FOR INFORMATION PURPOSES ONLY

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED -
pw\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2203\Drawings\CAD\Sheets\201313-sht-details		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2017	DATE -	REVISED -

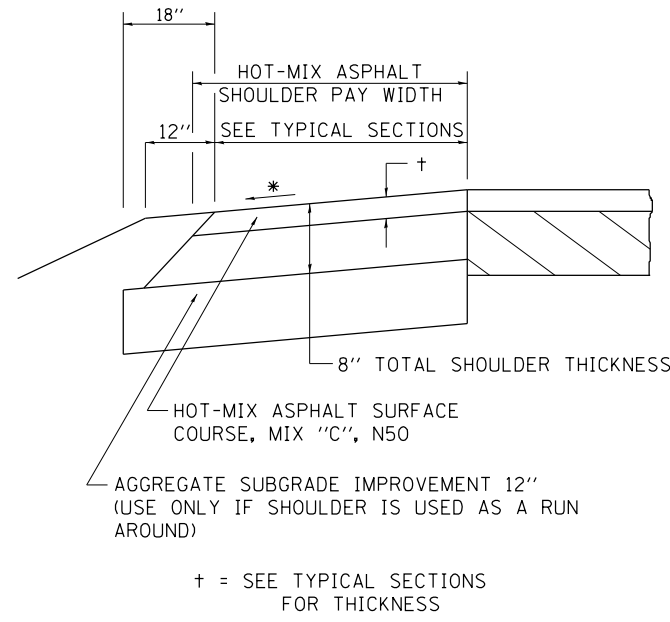
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROACH PAVEMENT DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	85
CONTRACT NO. 64J37			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.

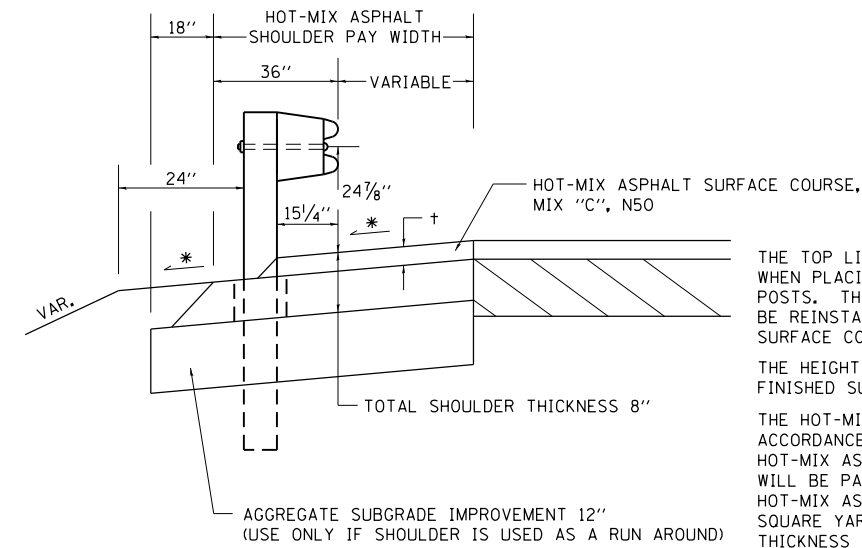
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

\* 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**

# DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL



+ = SEE TYPICAL SECTIONS FOR THICKNESS

### GENERAL NOTES

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED. THE RAIL ELEMENT SHALL BE REINSTALLED WITHIN 72 HOURS OF THE COMPLETION OF THE SURFACE COURSE.

THE HEIGHT OF THE GUARDRAIL SHALL BE SET 24 7/8" FROM THE FINISHED SURFACE.

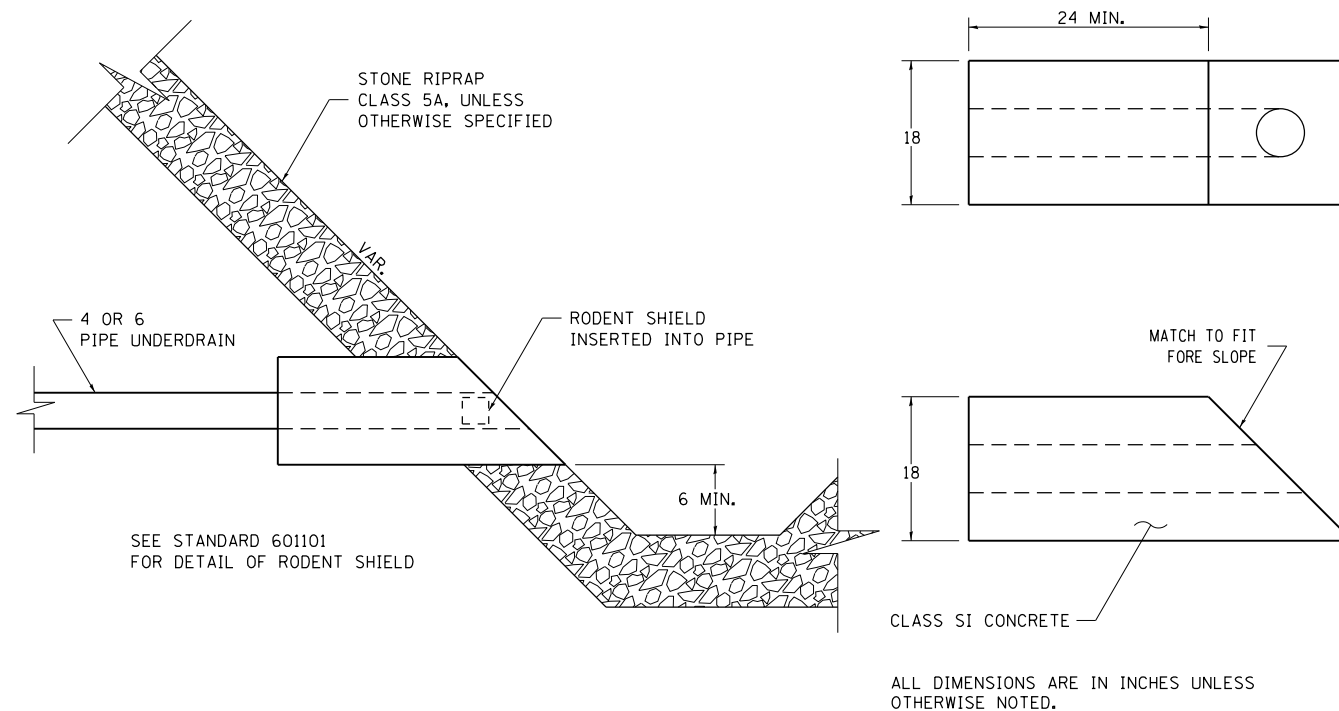
THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT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

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

REVISED - 1-05-16  
REVISED - 6-27-14  
REVISED - 8-27-13  
REVISED - 3-13-13

**DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL 23.4**

# CONCRETE HEADWALLS FOR PIPE DRAINS



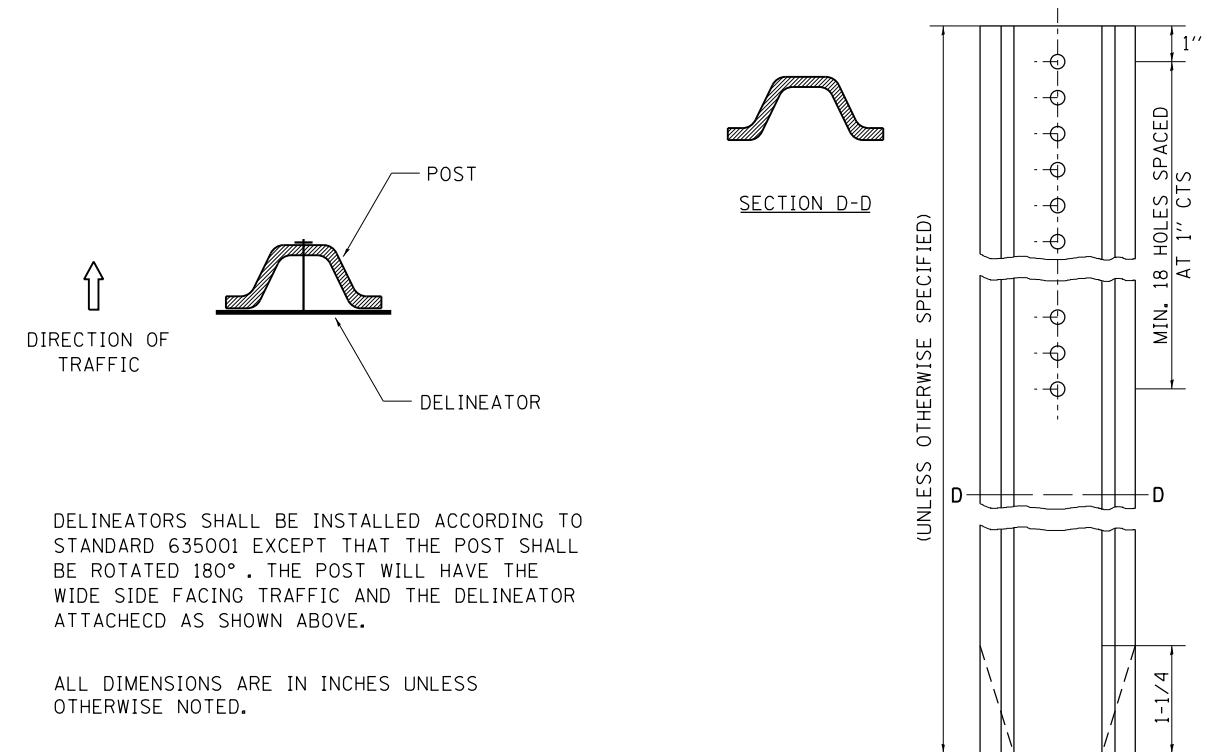
SEE STANDARD 601101 FOR DETAIL OF RODENT SHIELD

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 11-12-14  
REVISED - 10-03-11

**CONCRETE HEADWALLS FOR PIPE DRAINS 27.4**

# DELINEATOR AND POST ORIENTATION



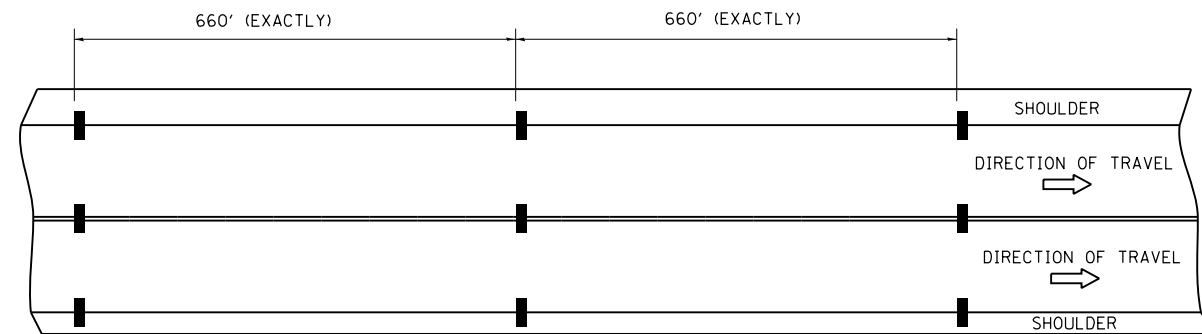
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		88	(195-1)RS-1	WHITESIDE	140	86
REVISED -					CONTRACT NO. 64J37	
REVISED -		SCALE: 100.0000' / 1" = 100'	SHEET NO.	OF SHEETS	STA.	TO STA.

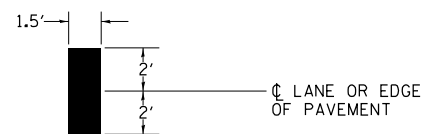
**DELINEATOR AND POST ORIENTATION 37.4**

# AERIAL SPEED CHECK ZONES



USE THERMOPLASTIC PAVEMENT MARKINGS MEETING THE REQUIREMENTS OF SECTION 782 OF THE STANDARD SPECIFICATIONS.

## PAVEMENT MARKING DETAIL



REVISED - 1-05-16  
 REVISED - 6-27-14  
 REVISED - 8-27-13  
 REVISED - 10-03-11

## POLICE AERIAL SPEED CHECK ZONES

ESTABLISHED ZONES AND NEW ZONES REQUESTED BY THE ILLINOIS STATE POLICE SHALL BE MARKED CONSISTENT WITH THE REQUIREMENTS OF SECTION 3B.21 OF THE MUTCD. WHEN NEW ZONES ARE PLACED IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF THE MEASUREMENT CAN BE ATTESTED TO IN COURT.

## ILLINOIS STATE POLICE

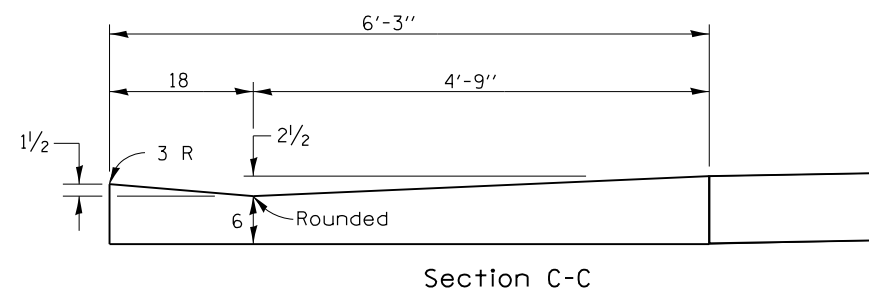
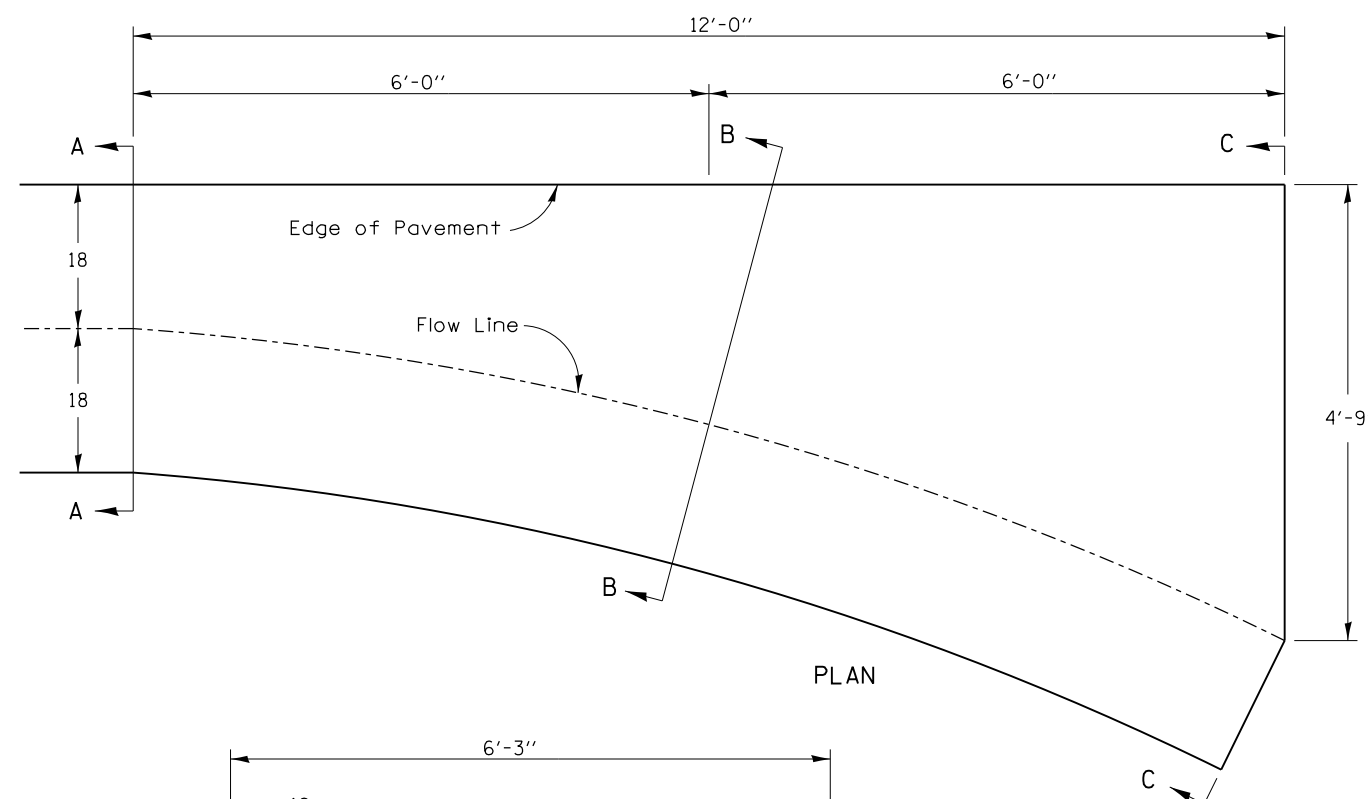
DISTRICT 1 STERLING 815/632-4010 CARROLL, LEE, OGLE, WHITESIDE  
 DISTRICT 7 EAST MOLINE 309/752-4915 HENRY, ROCK ISLAND  
 DISTRICT 16 PECATONICA 815/239-1152 BOONE, JO DAVIESS, STEPHENSON, WINNEBAGO

## BASIS OF PAYMENT:

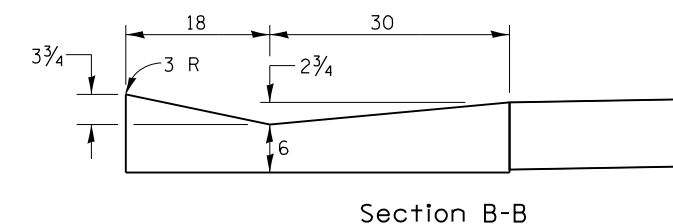
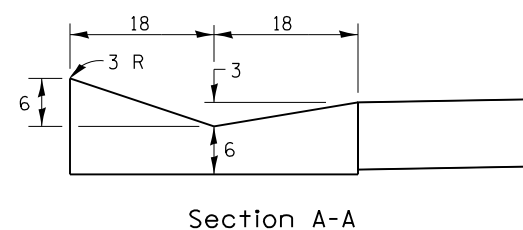
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR AERIAL SPEED CHECK MARKING.

**AERIAL SPEED CHECK ZONES 46.4**

# STANDARD INLET FOR TYPE A GUTTER (SPECIAL)



- QUANTITY -  
 Section A-A to C-C  
 1.2 Cu. Yds.  
 Class SI Concrete

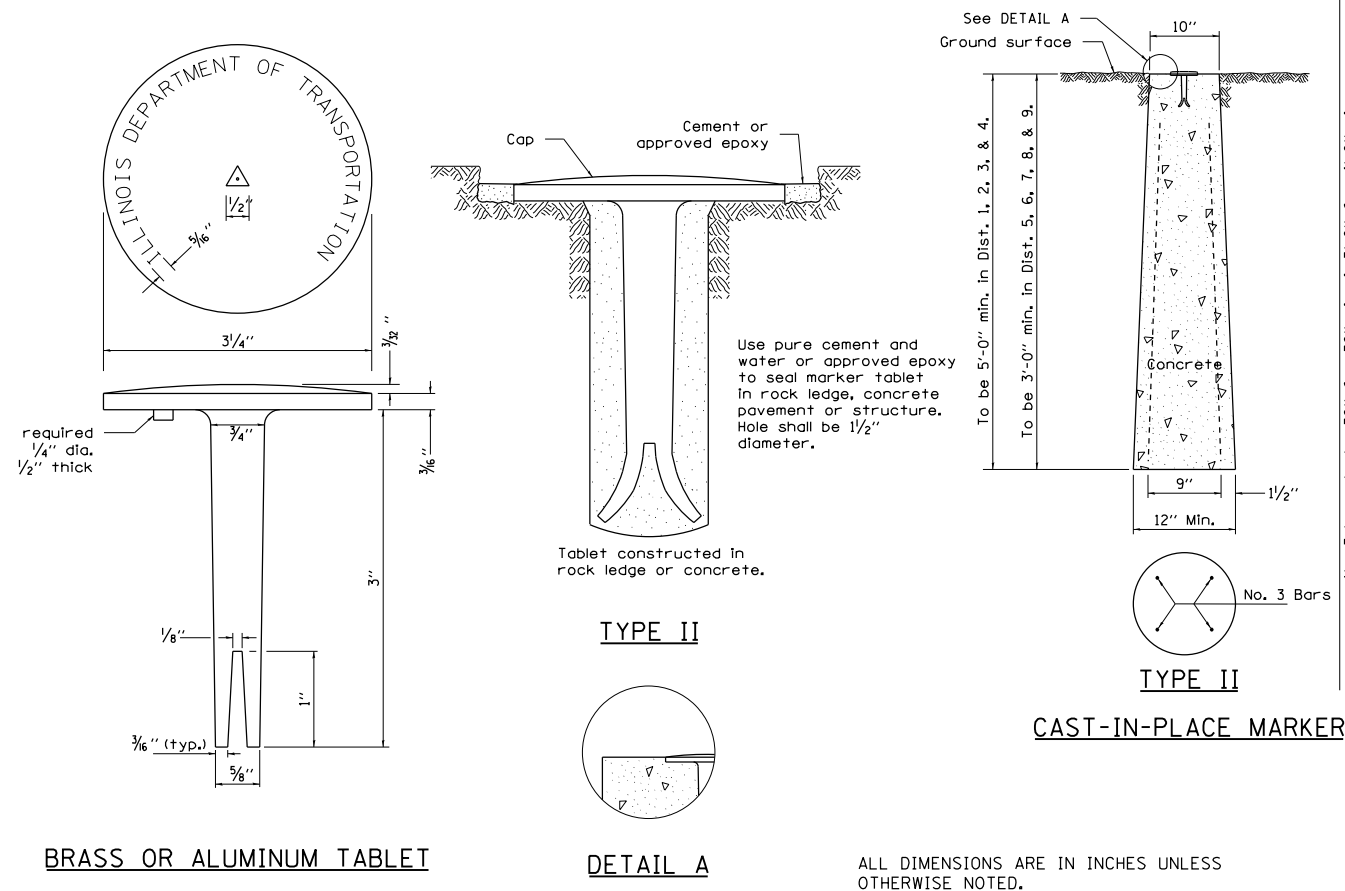


Class SI Concrete shall be used throughout.  
 The gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS)

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

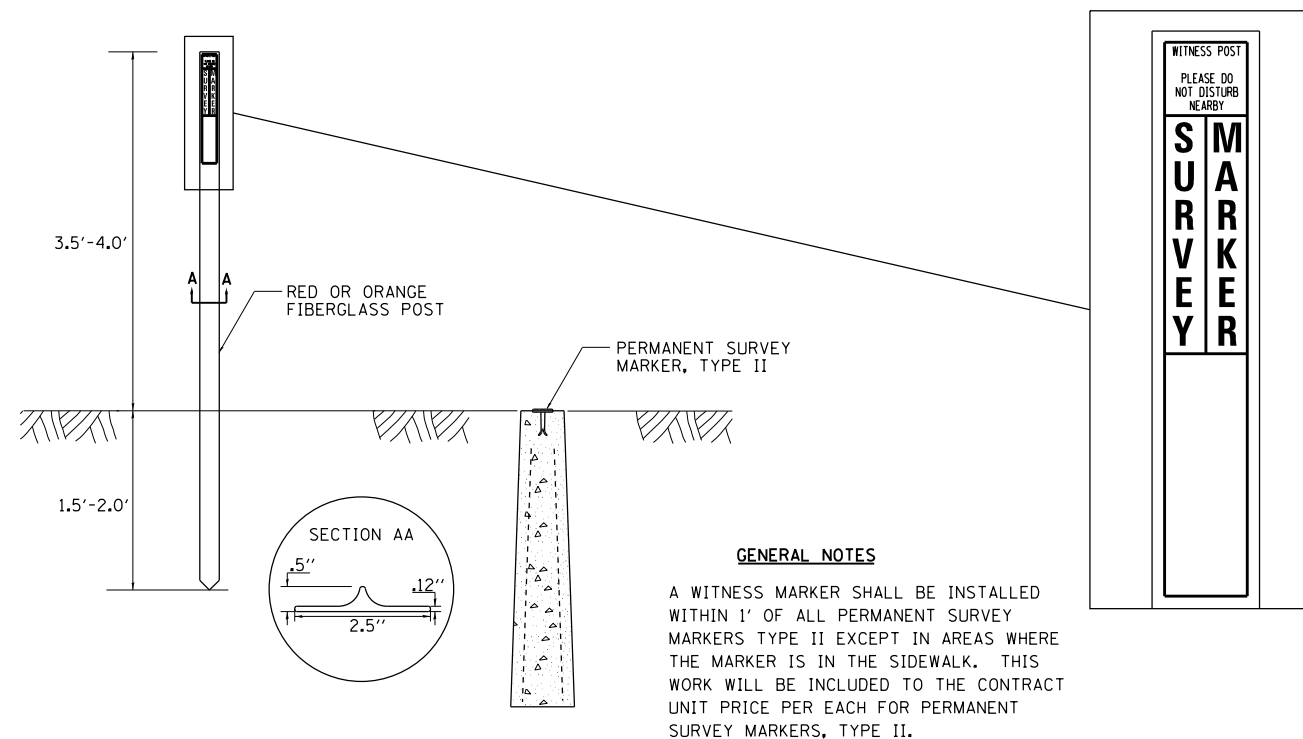
REVISED - 12-04-13	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		88	(195-1)RS-1	WHITESIDE	140	87
REVISED -		CONTRACT NO. 64J37				
REVISED -		SCALE: 100.0000' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.

# PERMANENT SURVEY MARKERS, TYPE II



No. 3 bars to be 30" for 36" min. & 3'-6" for 4'-0" min.

# WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II

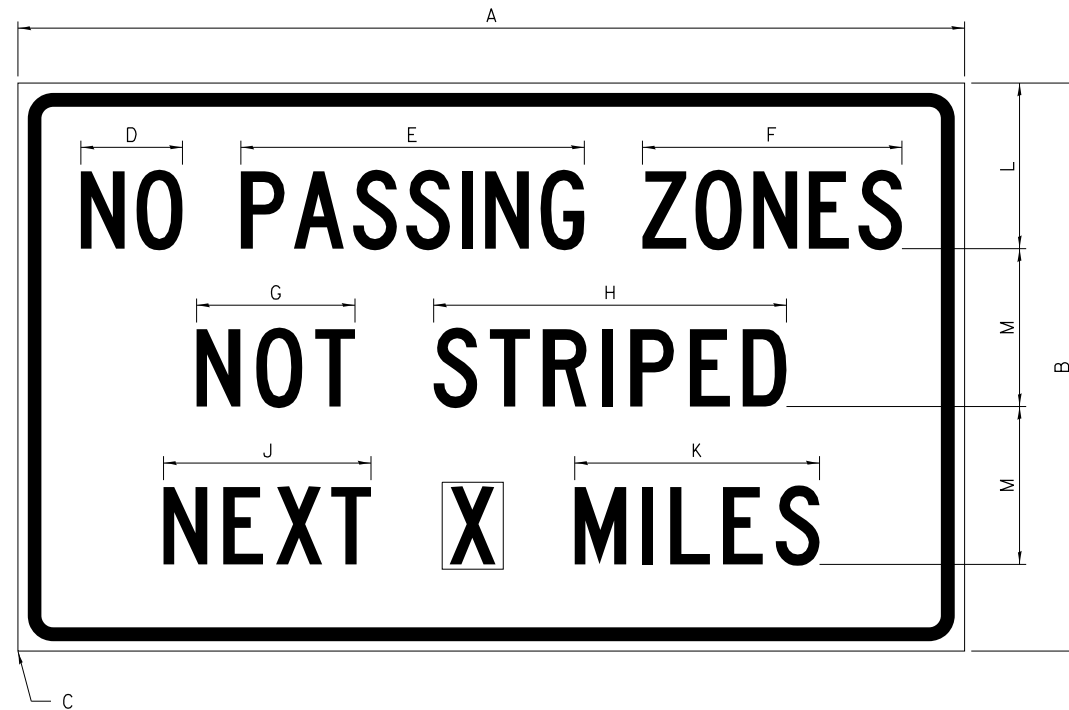


REVISED - 6-27-14  
 REVISED - 10-14-11

REVISED -	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		88	(195-1)RS-1	WHITESIDE	140	88	
REVISED -		CONTRACT NO. 64J37					
REVISED -		SCALE: 100.0000' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
REVISED -							

# WORK ZONE SIGN DETAILS

**ILLINOIS STANDARD G20-I100**



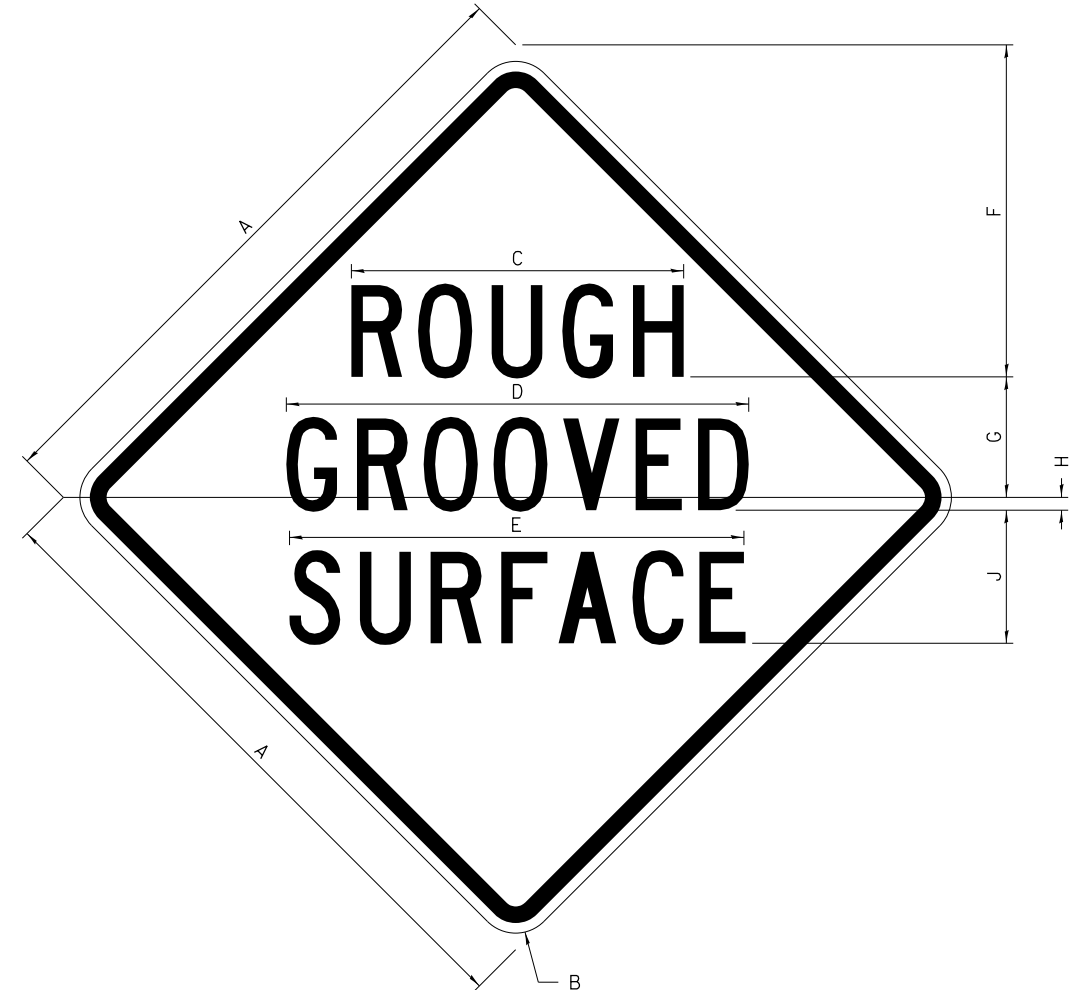
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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.

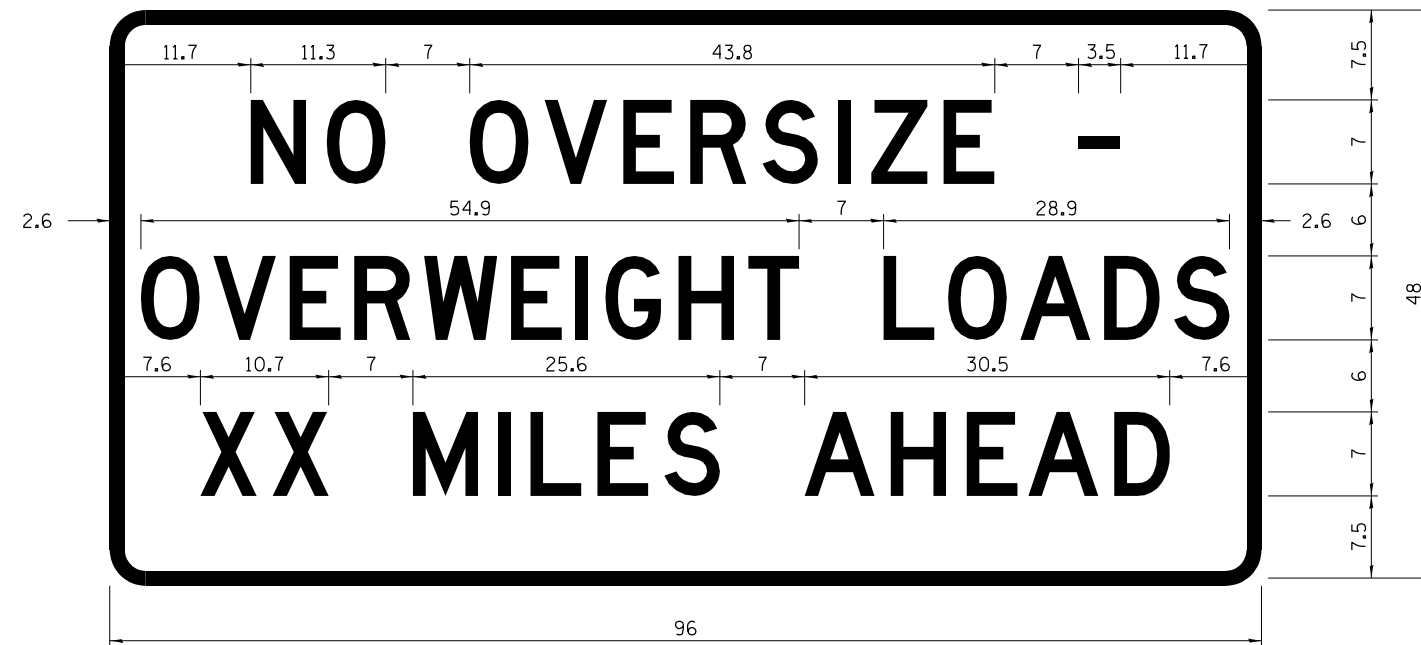
FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2013\3-DRAWING\084EBIDINTEG\084EBIDINTEG.dwg	3-DRAWING\084EBIDINTEG\084EBIDINTEG.dwg	CHECKED -	REVISED -			88	(195-1)RS-1	WHITESIDE	140	89
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 64J37				
PLOT DATE = 3/28/2017	DATE -	REVISED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA. 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

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

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

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.

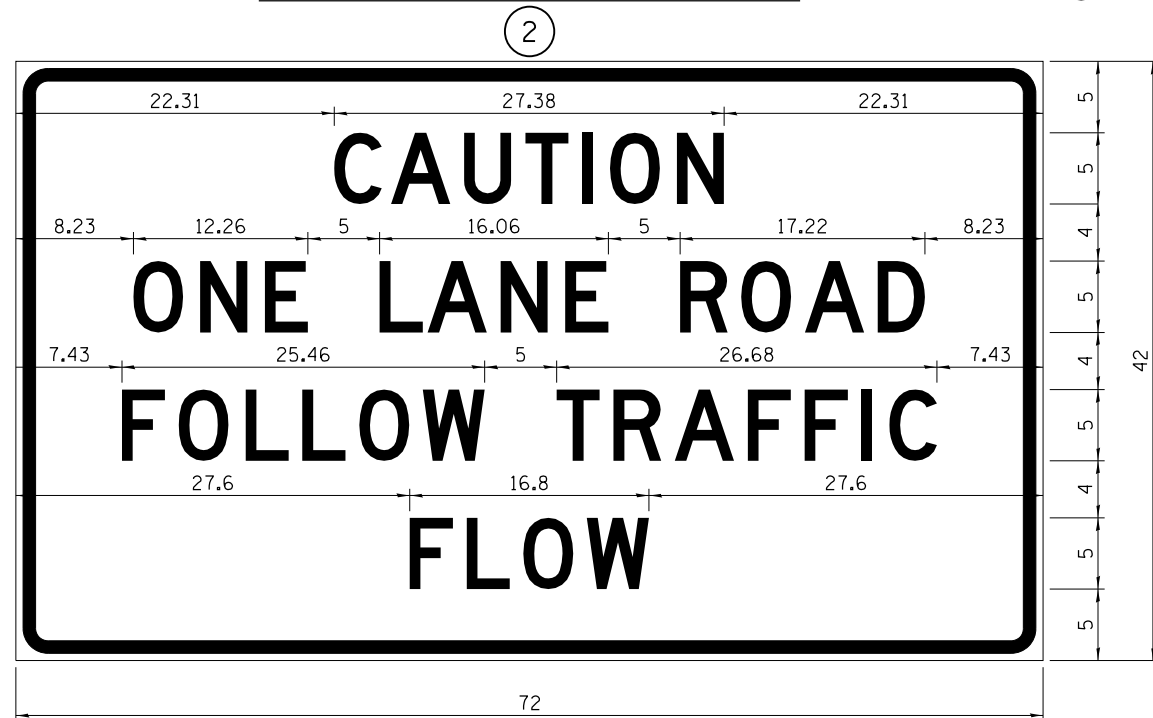
All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2013\3DR\084EBIDINTEG\084EBIDINTEG.dwg	3-DRAWN	DATE	REVISION			88	(195-1)RS-1	WHITESIDE	140	91
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISION	CONTRACT NO. 64J37							
PLOT DATE = 3/28/2017	DATE -	REVISION	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



**ENTRANCE SIGN FOR USE  
WITH TEMPORARY SIGNALS**

**WORK ZONE SIGN DETAILS**



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

**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

**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 = goffjl	DESIGNED -	REVISED - 3-02-16
pw\11084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2203\DRAWING\2203\2203-133-sht-cover.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

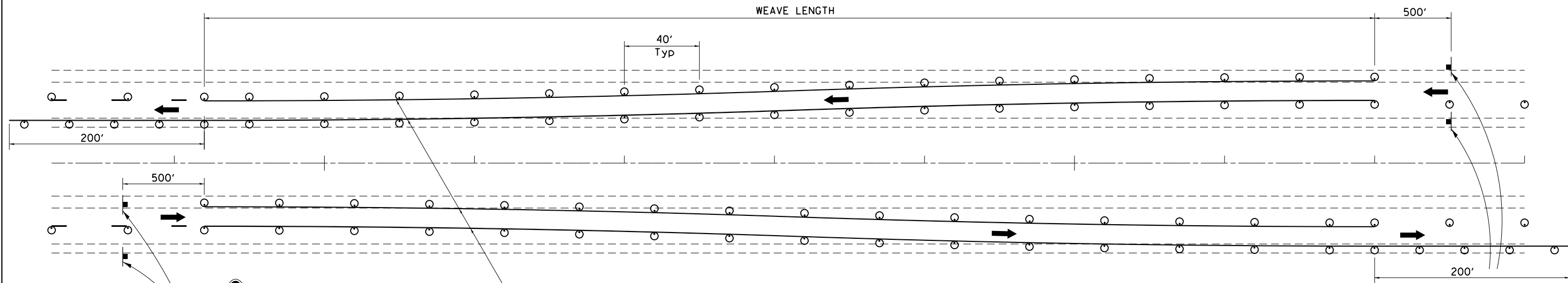
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REGION 2 / DISTRICT 2 STANDARD**

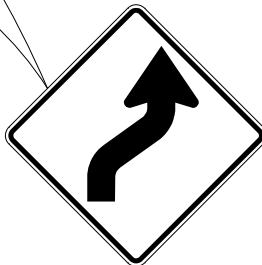
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	92
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64J37	

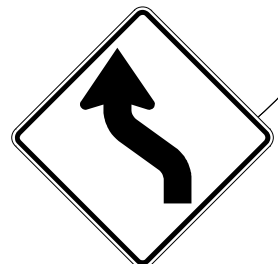
# TRAFFIC CONTROL TYPICAL WEAVE



Temporary Pavement Marking required if Typical Weave is used for 14 days or more.



W1-4R(O)-48



W1-4L(O)-48

### SYMBOLS

- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- SIGN

### GENERAL NOTES:

USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.

USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.

TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.

TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

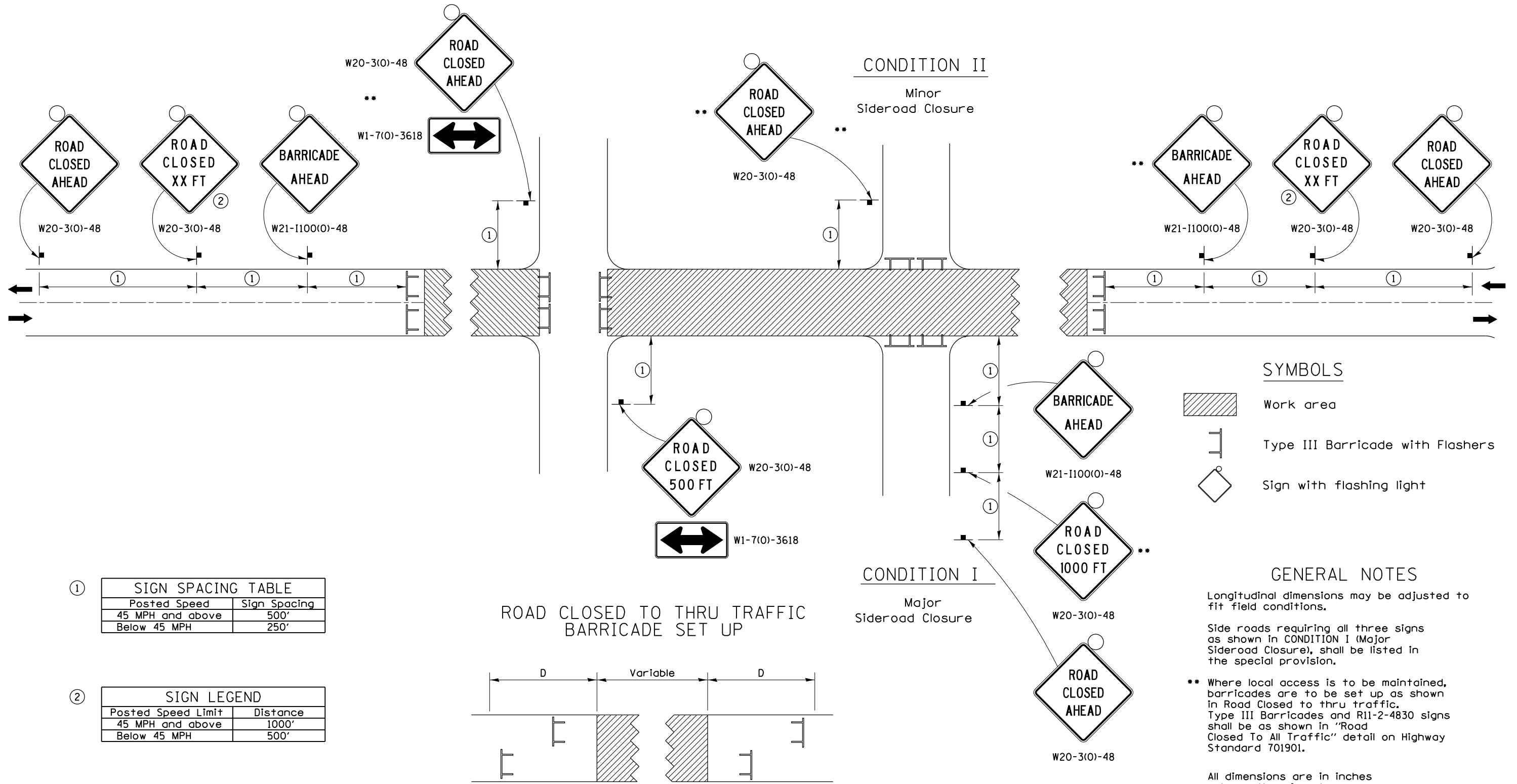
### STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	WEAVE LENGTH
65 MPH OR HIGHER	780 FT.
55 MPH	660 FT.
45 MPH	540 FT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED - 1-05-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2013\3-DRAWING\CAD\Drawings\201313-sht-cover.dwg	3-DRAWING	REVISED - 6-27-14	REVISED - 8-27-13					88	(195-1)RS-1	WHITESIDE	140	93
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - 10-17-11			CONTRACT NO. 64J37							
PLOT DATE = 3/28/2017	DATE -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						

# TRAFFIC CONTROL FOR ROAD CLOSURE

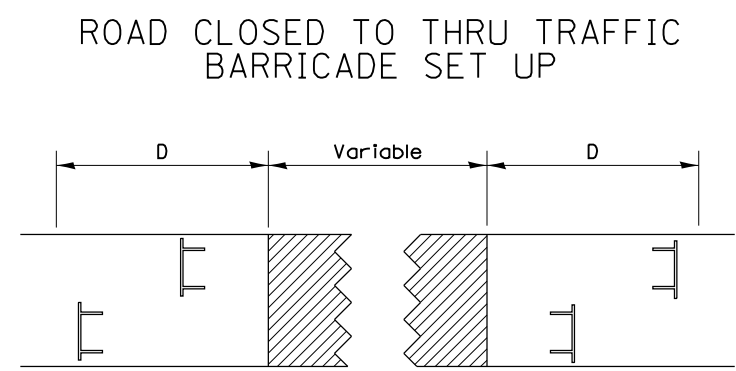


①

SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

②

SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

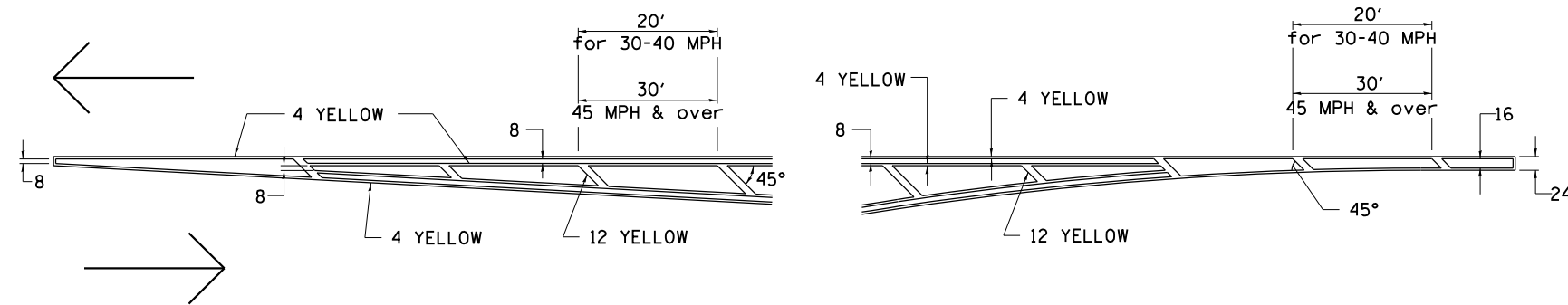
- SYMBOLS**
- Work area
  - Type III Barricade with Flashers
  - Sign with flashing light

- GENERAL NOTES**
- Longitudinal dimensions may be adjusted to fit field conditions.
  - Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.
  - \*\* Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

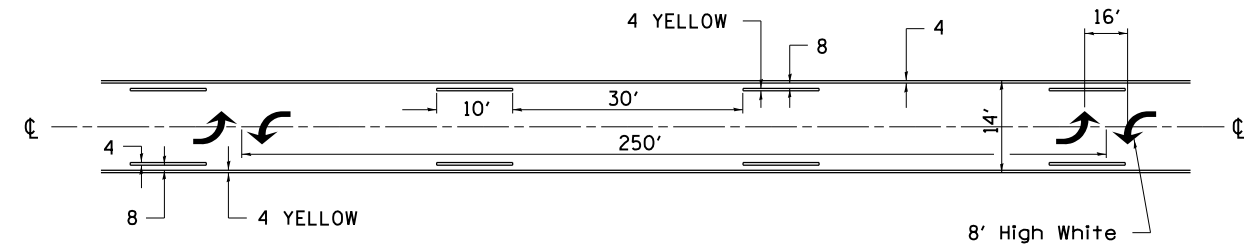
TYPICAL APPLICATION FOR ROAD CLOSURE

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

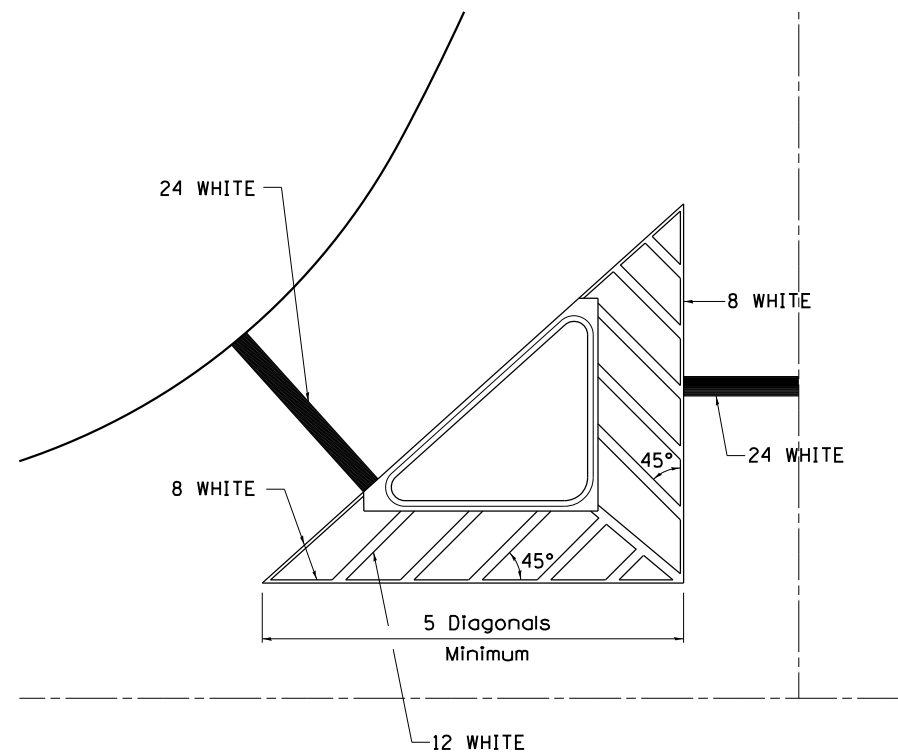


## MEDIAN PAVEMENT MARKING



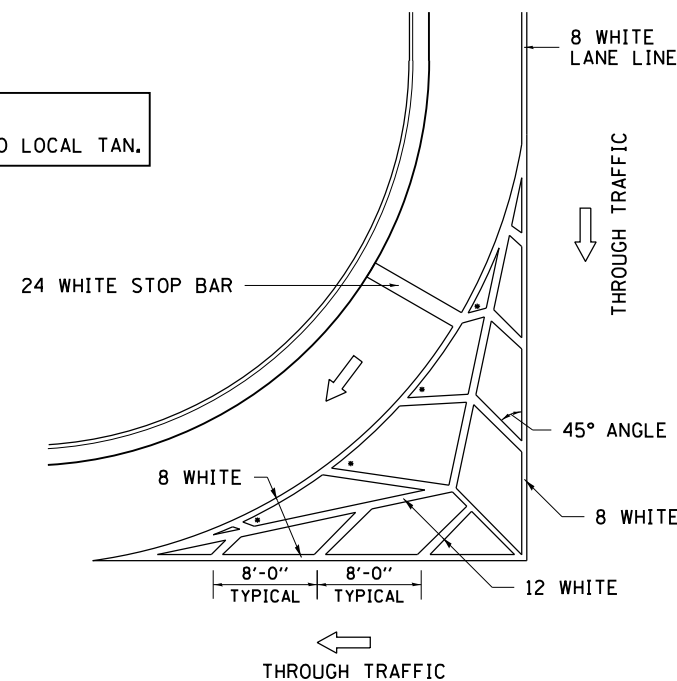
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



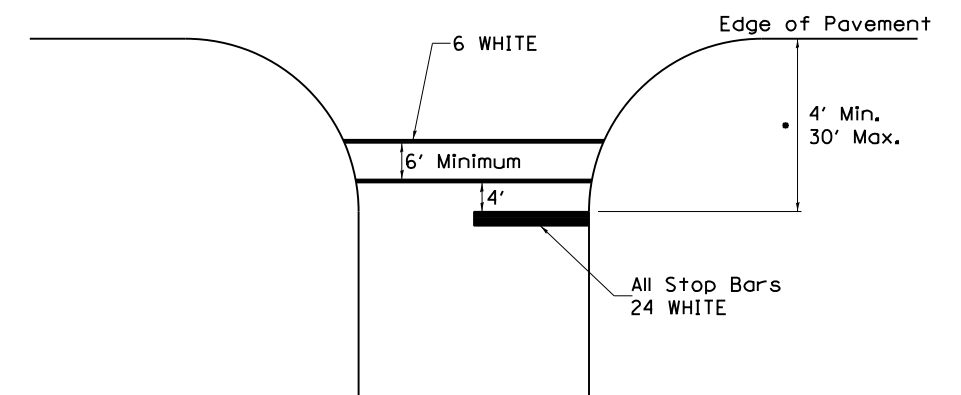
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations

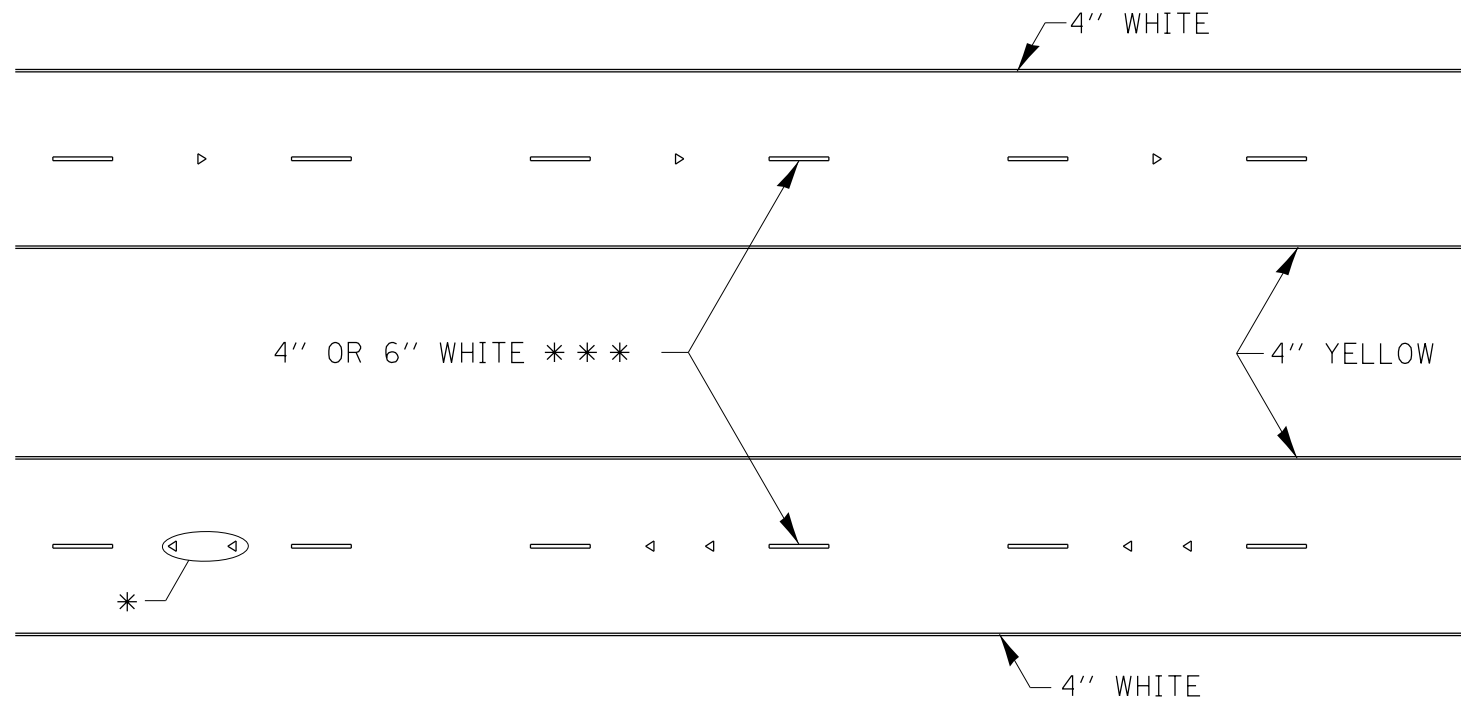


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

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pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2013\3-DRAWING\CA0\Drawings\201313-sht-cover.dwg	3-DRAWING	REVISED - 3-05-12	REVISED -					88	(195-1)RS-1	WHITESIDE	140	95
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 64J37							
PLOT DATE = 3/28/2017	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

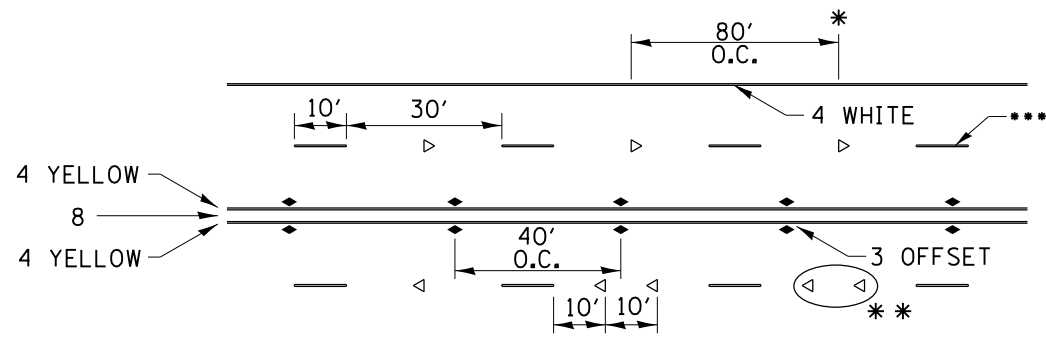


# TYPICAL PAVEMENT MARKINGS



\* 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.

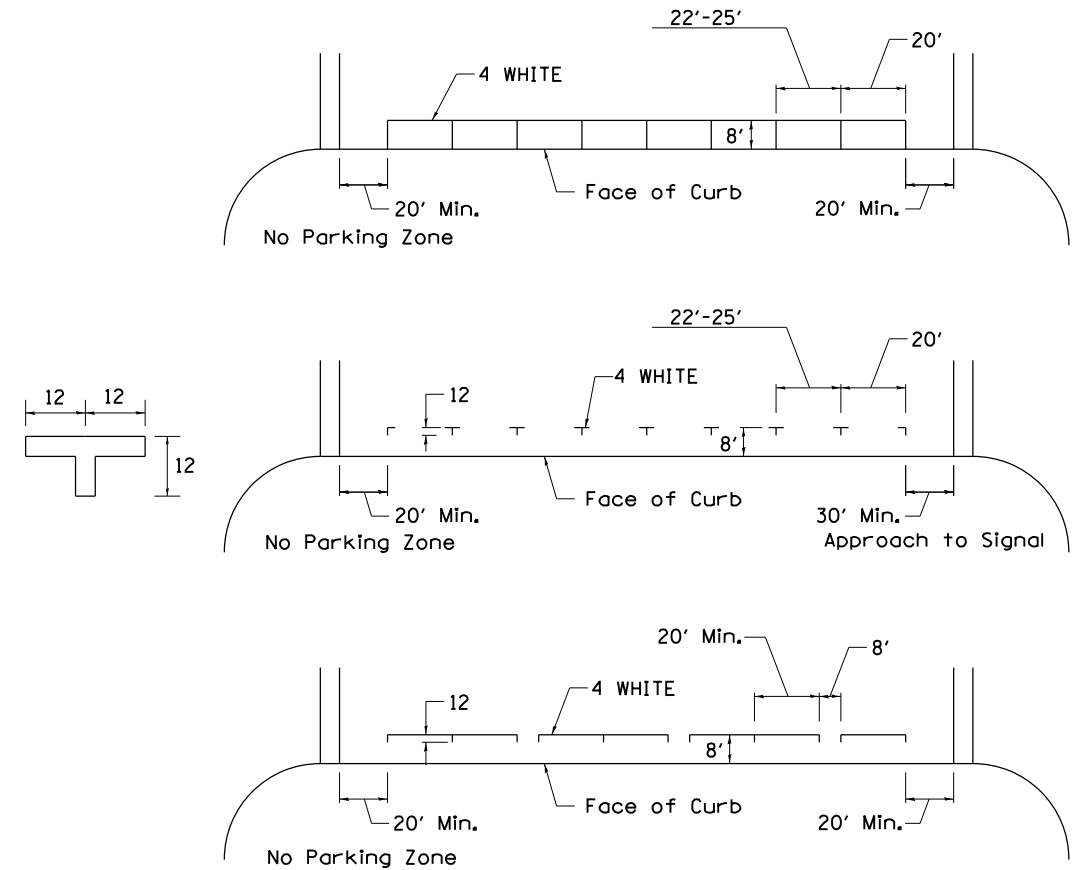
\*\* USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

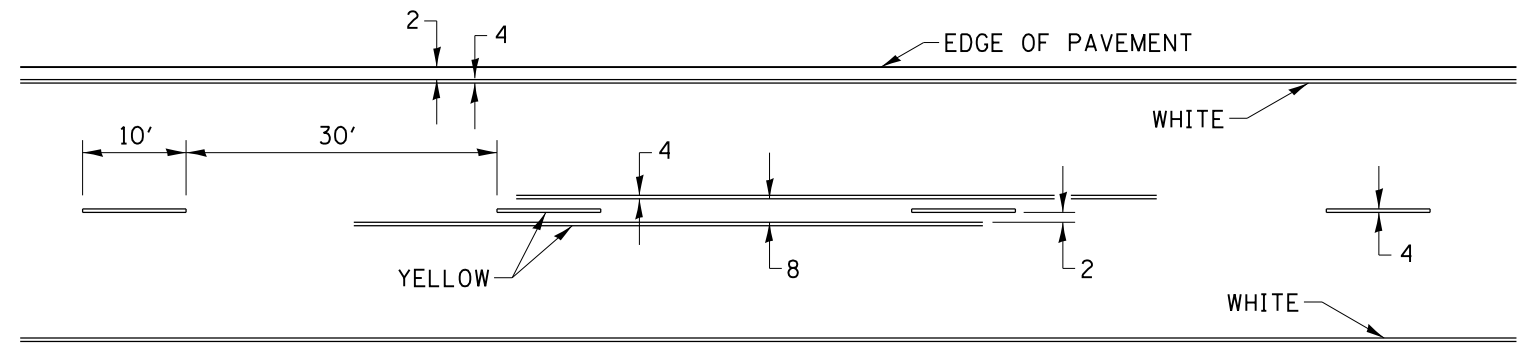
## MULTI-LANE / UNDIVIDED & ONE WAY

(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



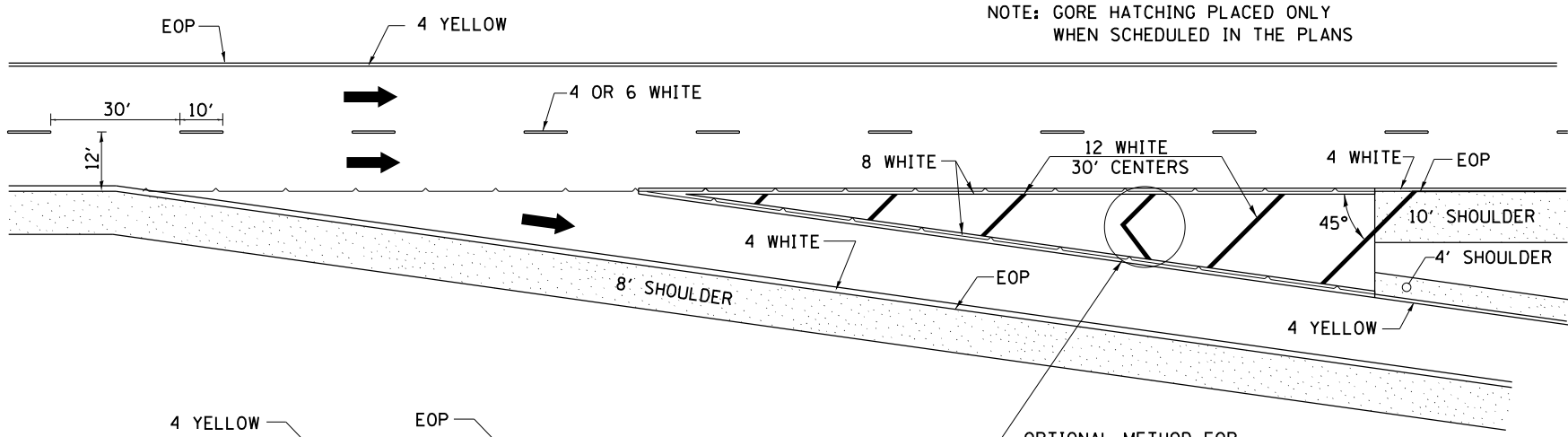
## SYMBOLS

FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED - 6-27-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2013\2013-11-28-12\2013-11-28-12.dwg	3DRAWDATA\CADsheets\0201313-sht-cover.dwg	REVISOR	REVISED - 8-27-13						88	(195-1)RS-1	WHITESIDE	140	97
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 11-28-12	CONTRACT NO. 64J37										
PLOT DATE = 3/28/2017	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

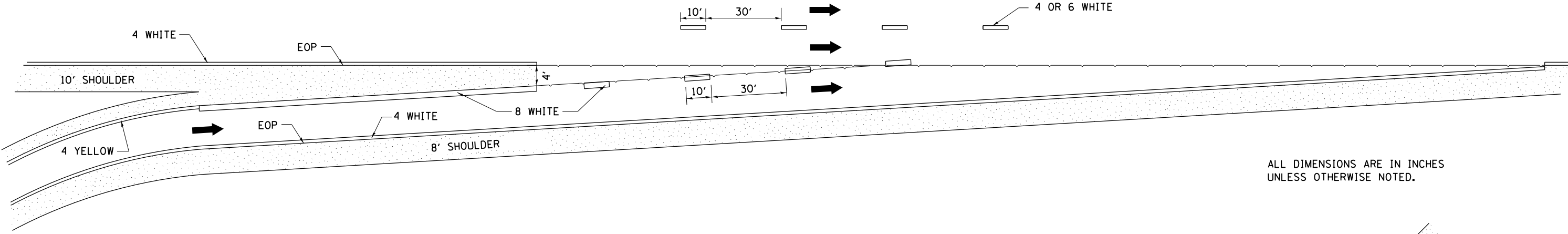
# PAINTING DETAILS

CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

## EXIT RAMP

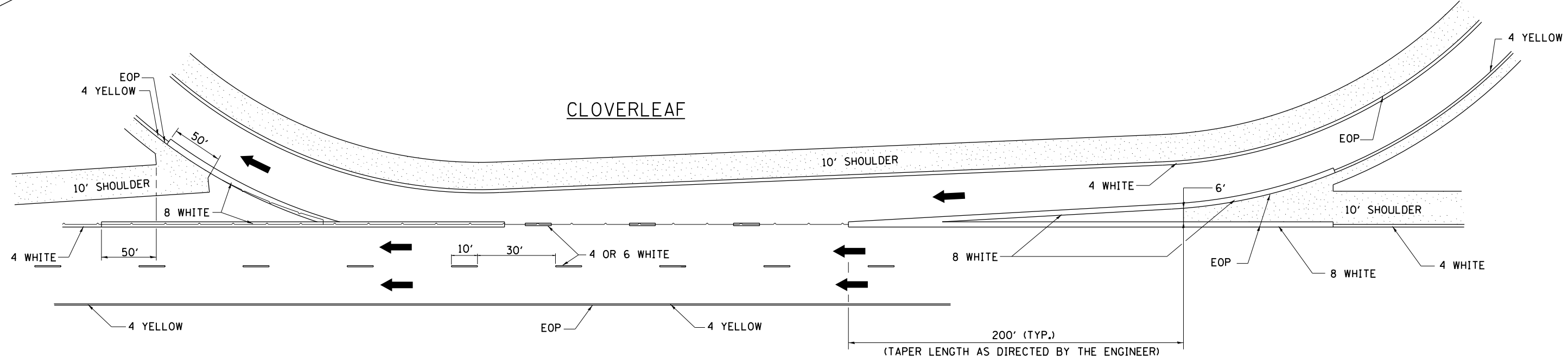


## ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## CLOVERLEAF

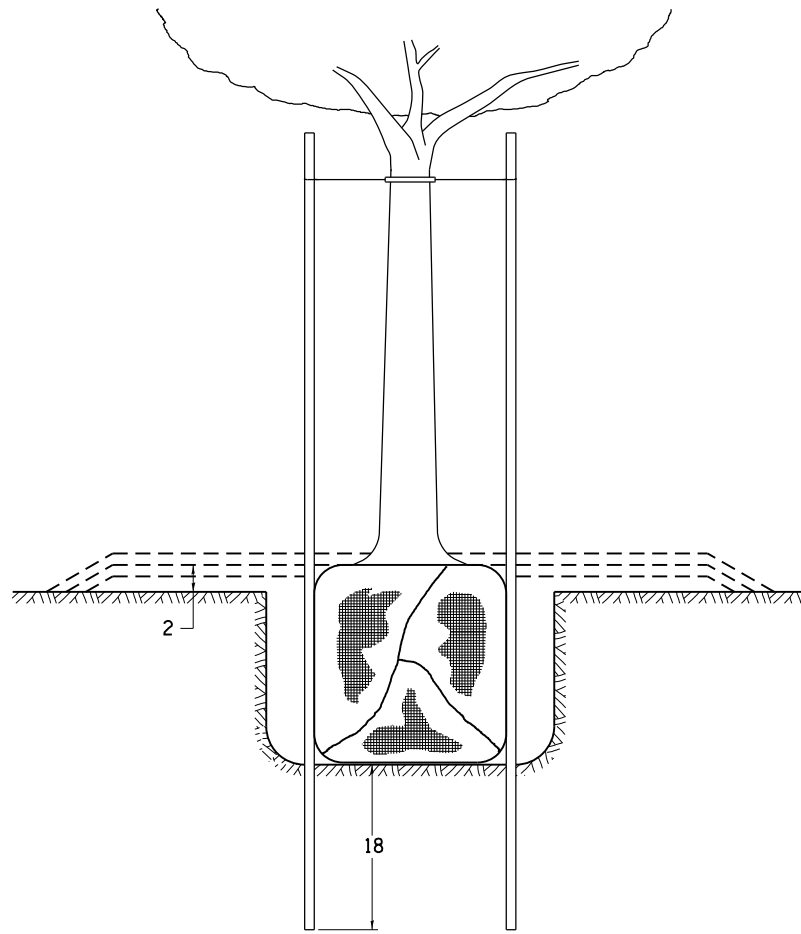


FILE NAME =	USER NAME = goffjl	DESIGNED -	REVISED - 8-27-13	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			REVISED - 10-18-11					88	(195-1)RS-1	WHITESIDE	140	98
			REVISOR -					CONTRACT NO. 64J37				
			REVISOR -					ILLINOIS FED. AID PROJECT				
							SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

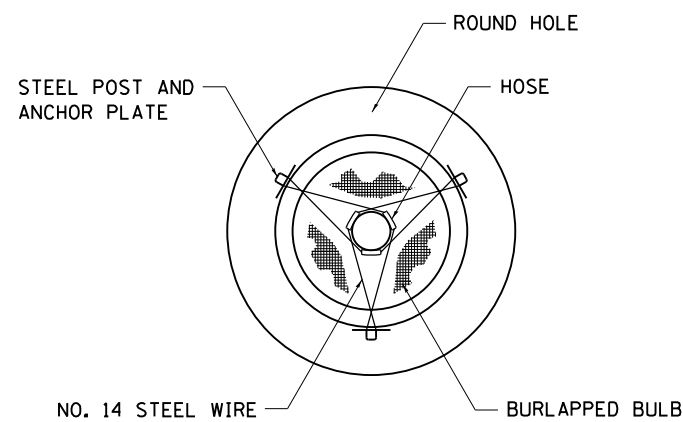




# DETAILS OF PLANTING AND BRACING TREES

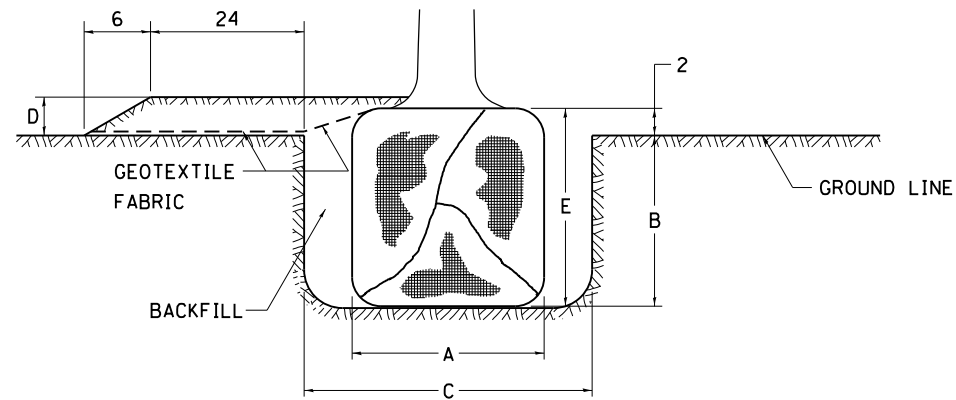


TREES SMALLER THAN 4 1/2 IN DIAMETER

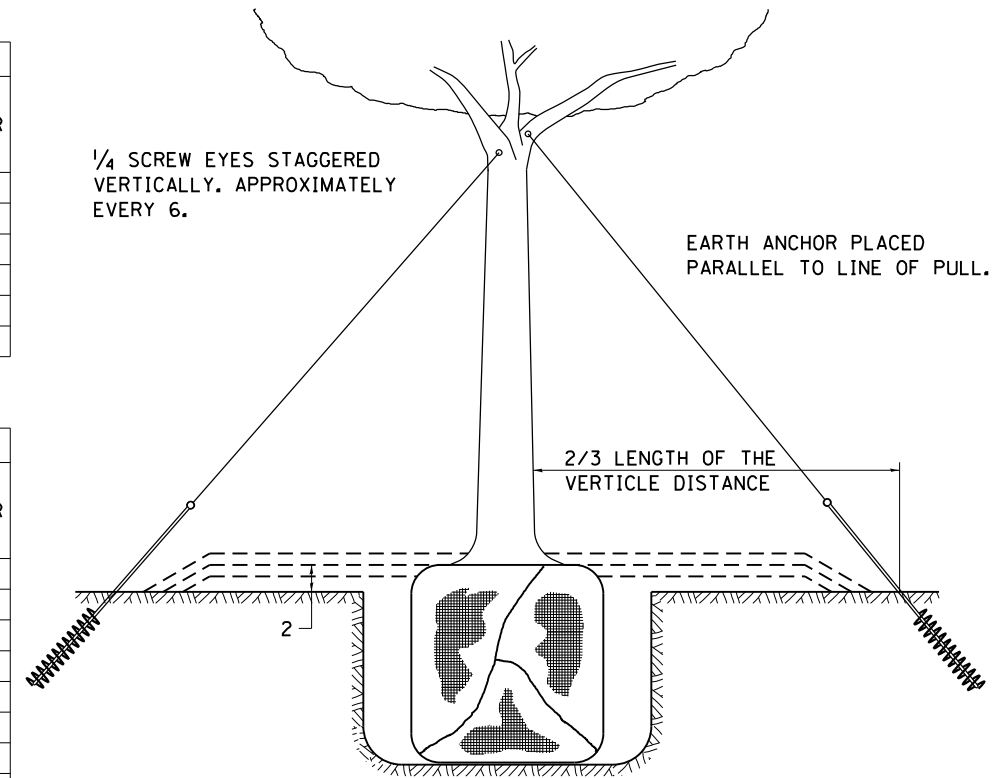


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38



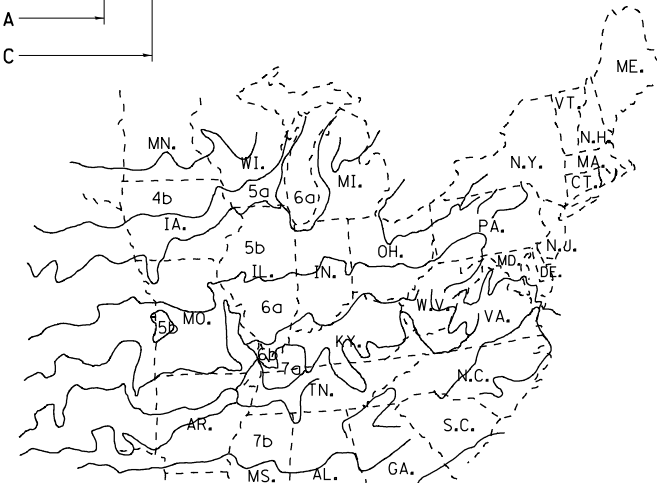
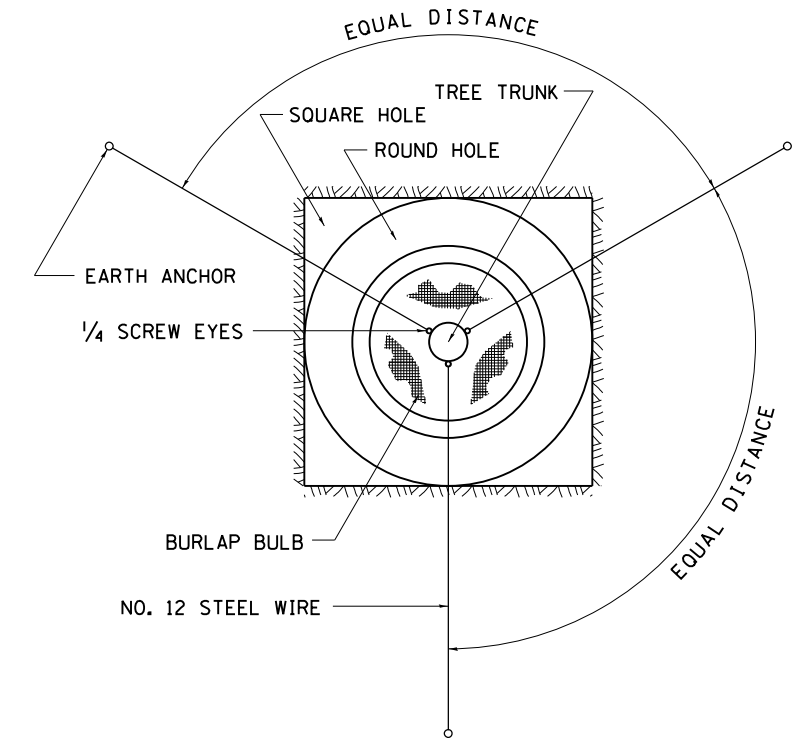
TREES OVER 4 1/2 IN DIAMETER



1/4 SCREW EYES STAGGERED VERTICALLY. APPROXIMATELY EVERY 6.

EARTH ANCHOR PLACED PARALLEL TO LINE OF PULL.

2/3 LENGTH OF THE VERTICAL DISTANCE



PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
PUBLICATION NO. 814

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-1)RS-1	WHITESIDE	140	100
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64J37	