

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.

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

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

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

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

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

The following Mixture Requirements are applicable for this project:

Location(s):	Mainline	Mainline	Shoulder	Shoulder
Mixture Use(s):	Surface	Level Binder	Top Lift	Lower Lift
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0 @ N50	4.0 @ N50	3.0 @ N50	3.0 @ N50
Mixture Composition (Mixture Gradation):	IL 9.5	IL 9.5FG	IL 9.5	IL 19.0
Friction Aggregate:	D	N/A	C	N/A
Mixture Weight:	112 lb/sy/in	N/A	112 lb/sy/in	N/A
Quality Management Program:	QCP	QCP-MIX ONLY	QC/QA	QC/QA
Sublot Size:	1,000 TONS	1,000 TONS	N/A	N/A
Number of Roller Passes ¹⁾ :	7*	N/A	N/A	N/A

1) When a number of roller passes is specified, the Contractor may opt to use intelligent compaction in lieu of density testing under the Quality Control for Performance (QCP) program.

*Or to be adjusted by the District Mixtures Control Engineer after the test strip/growth curve, if necessary, to meet the Density Control Limits in Article 1030.05(d)(4) of the Standard Specifications.

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.

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

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.

Install rumble strips in all shoulders in accordance with State Standard 642006. Rumble Strips shall be placed on shoulders on both sides of the pavement.

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

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.

It is anticipated that several mailboxes will require relocation to the approach side of the entrances. When this is done, the contractor shall be required to mount the mailbox on a 4" x 4" wood post 40" above the shoulder surface and extending to a minimum of 24" into the embankment. This work shall be included in the contract unit price for the EARTH EXCAVATION. There are an estimated 50 mailboxes to be relocated.

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

The excavated materials from earth excavation widening, grading and shaping ditches, and excavating and grading shoulders shall be used to build up the shoulder throughout the job to conform with the typical sections and shoulder widening for terminals as shown on the plans.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for Furnished 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).

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:

- All words, such as ONLY, shall be 8 feet high.
- All non-freeway arrows shall be the large size.
- 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.
- Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

FILE NAME = 64H61.GNDLDCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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SUMMARY OF QUANTITIES

SI	CODE NO.	ITEM	UNITS	TOTAL QUANTITY	RURAL	URBAN	URBAN	HSIP
					STP	STP 5-200K	STP>200K	90 % FED.
					80 % FED.	80 % FED.	80 % FED.	10 % STATE.
					20 % STATE.	20 % STATE.	20 % STATE.	SAFETY
					ROADWAY	ROADWAY	ROADWAY	SAFETY
					0005	0005	0005	0021
	44002232	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 8"	SQ YD	1,500	500	500	500	
	44004250	PAVED SHOULDER REMOVAL	SQ YD	16,347	9,726	1,281	5,340	
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	5,424	824		4,600	
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	34	21	2	11	
	48203020	HOT-MIX ASPHALT SHOULDERS, 5 3/4"	SQ YD	81,457				81,457
	50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2			
	50105220	PIPE CULVERT REMOVAL	FOOT	84	84			
	54213453	END SECTIONS 18"	EACH	4	4			
	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	84	84			
	60100080	FRENCH DRAINS	CU YD	105				105
	* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,175	712.5		462.5	
	63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	75	25		50	
	* X6300155	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES (SPECIAL)	FOOT	75	25		50	
	* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	10	6		4	

* SPECIALTY ITEMS
 ** NON-PARTICIPATING 100%STATE

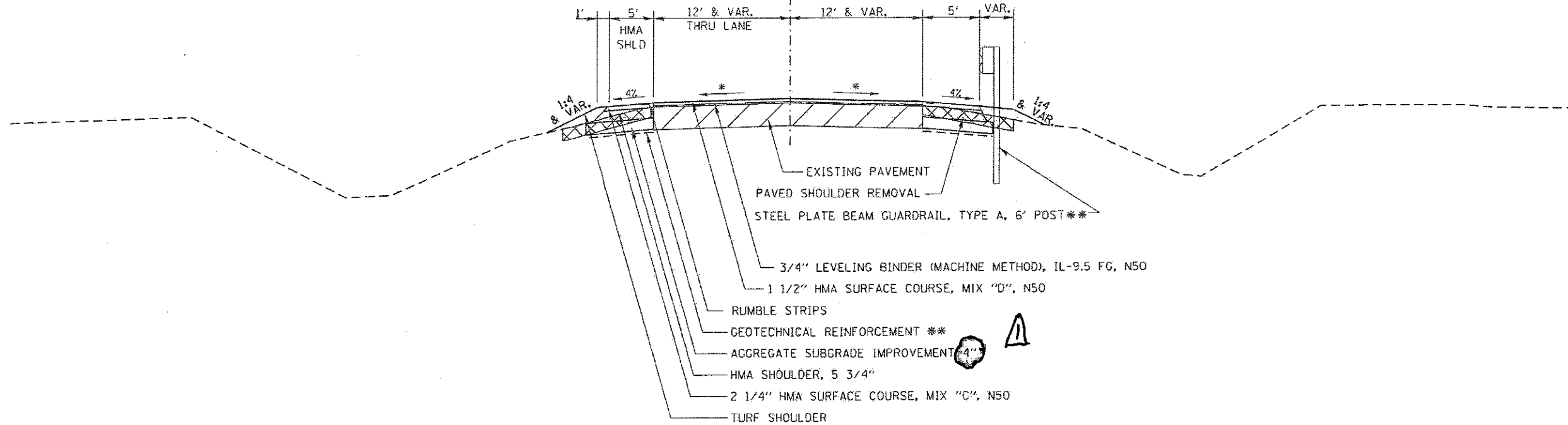
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A REV 4-12-18

TYPICAL SECTIONS

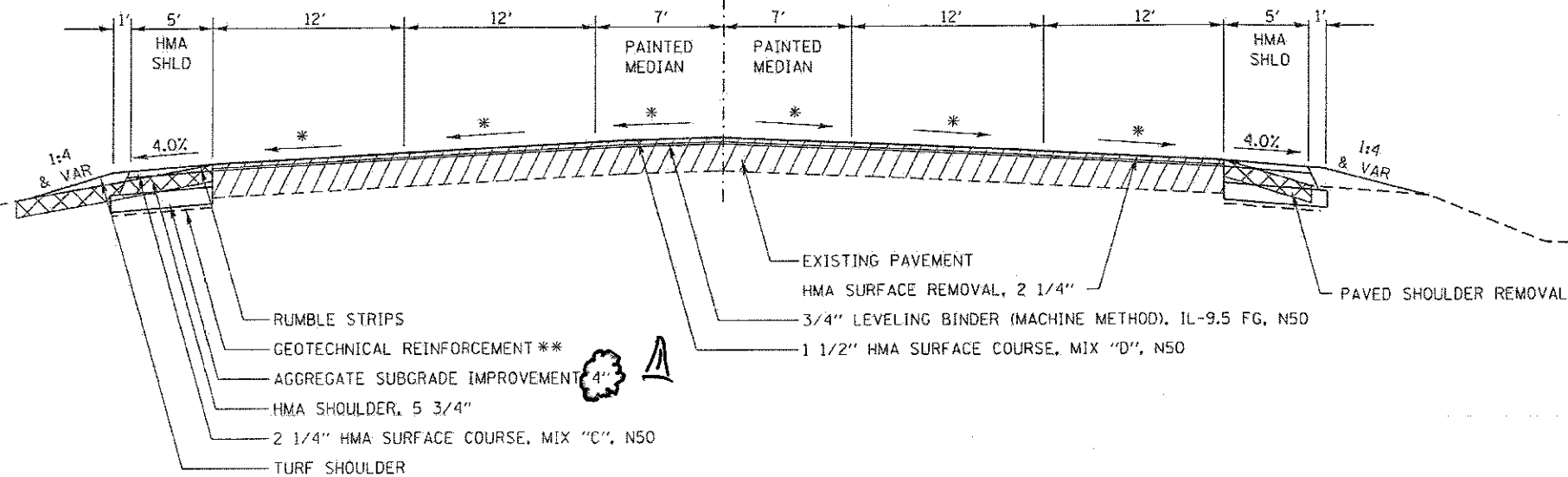
STA. 200+10.5 - 428+35
 STA. 434+58 - 771+44
 STA. 790+59 - 951+30

IL 251



IL 64
 STA. 429+42.5 - 433+45.5

IL 251



= REMOVAL
 = EXISTING

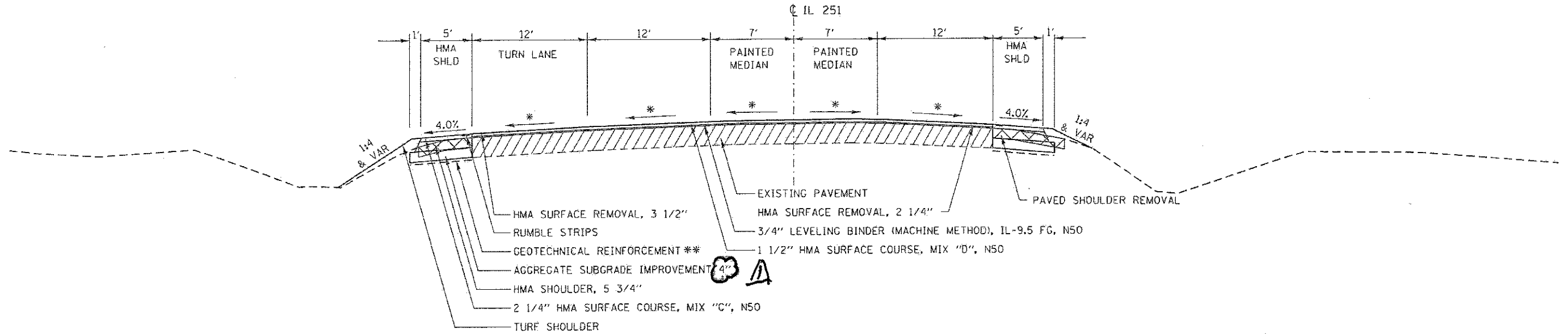
*MATCH EXISTING CROSS SLOPES (MINIMUM 1/8" PER FOOT)
 **SEE SCHEDULE FOR LOCATIONS
 HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS/ 50 YD/ IN

FILE NAME *	USER NAME = vargasa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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...				ILLINOIS FED. AID PROJECT				
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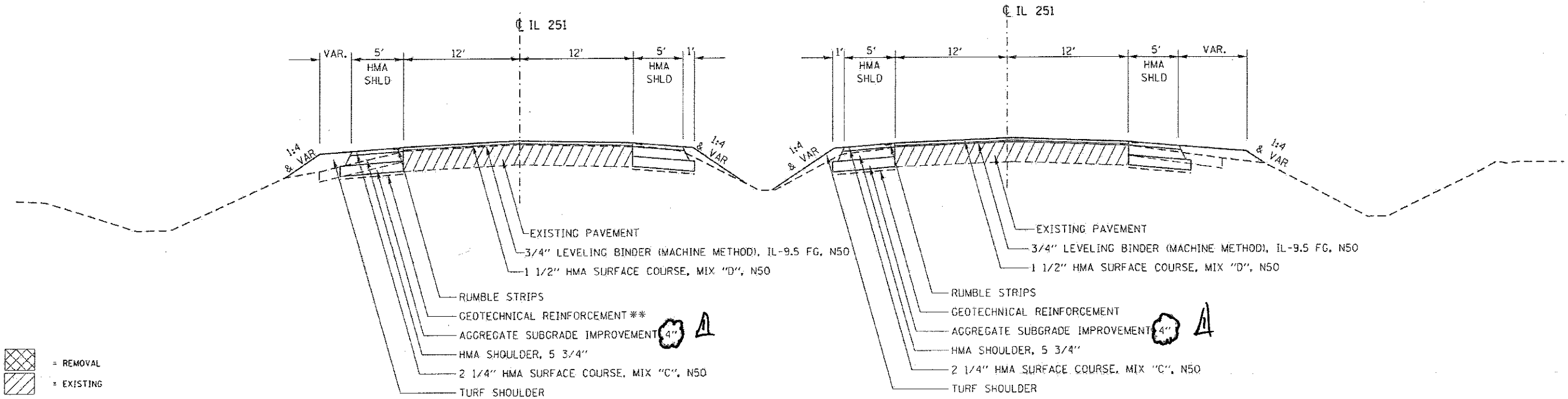
REV 4-12-19

TYPICAL SECTIONS

STA. 911+00 - STA. 918+00
 @ SCOTT RD.



STA. 951+30 - STA. 963+66.450



= REMOVAL
 = EXISTING

*MATCH EXISTING CROSS SLOPES (MINIMUM 1/8" PER FOOT)
 **SEE SCHEDULE FOR LOCATIONS
 HMA SURFACE AND LEVELING BINDER RATE OF APPLICATION: 112 LBS/ 50 YD/ IN

FILE NAME:	USER NAME: vargasa	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE: Apr-04-2010 01:23:39 PM	DATE: -	REVISED: -	ILLINOIS FED. AID PROJECT							

Rev 4-12-18

SCHEDULE OF QUANTITIES

63000001 STEEL PLATE BEAM GUARDRAIL TYPE A 6 FOOT POSTS

FOOT RURAL	FOOT URBAN	FOOT URBAN	LOCATION
	STP >	200 STP 5-200K	
137.5			532 + 97.5 - 534 + 35 RT
25.0			534 + 35 - 534 + 60 RT
75.0			534 + 60 - 535 + 35 RT
75			533 + 61 - 534 + 36 LT
25			534 + 36 - 534 + 61 LT
125			534 + 61 - 535 + 86 LT
87.5			586 + 32 - 587 + 19.5 LT
12.5			587 + 19.5 - 587 + 32 LT
150			587 + 32 - 588 + 82 LT
	125		766 + 32 - 767 + 57 RT
	37.5		767 + 57 - 767 + 94.5 RT
	62.5		767 + 94.5 - 768 + 57 RT
	62.5		766 + 95.5 - 767 + 58 LT
	37.5		767 + 58 - 767 + 95.5 LT
	137.5		767 + 95.5 - 769 + 33 LT
<hr/>			
712.5	462.5	0	SUBTOTAL
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1175			TOTAL

63000030 STRONG POST GUARDRAIL ATTACHED TO CULVERT
~~X6300155 STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES (SPECIAL)~~

FOOT RURAL	FOOT URBAN	FOOT URBAN	LOCATION
	STP >	200 STP 5-200K	
12.5			534 + 60 - 535 + 35 RT
12.5			533 + 61 - 534 + 36 LT
	25.0		767 + 57 - 767 + 94.5 RT
	25.0		767 + 58 - 767 + 95.5 LT
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25.0	50.0	0	SUBTOTAL
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75			TOTAL

63100167 TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT

EACH RURAL	EACH URBAN	EACH URBAN	LOCATION
	STP >	200 STP 5-200K	
1			532 + 47.5 - 532 + 97.5 RT
1			535 + 35 - 535 + 85 RT
1			533 + 11 - 533 + 61 LT
1			535 + 86 - 536 + 36 LT
1			585 + 32 - 586 + 32 LT
1			588 + 82 - 589 + 32 LT
	1		765 + 82 - 766 + 32 RT
	1		768 + 57 - 769 + 7 RT
	1		766 + 45.5 - 766 + 95.5 LT
	1		769 + 33 - 769 + 83 LT
<hr/>			
6.0	4.0	0	SUBTOTAL
<hr/>			
10			TOTAL

63100169 TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) FLARED

EACH RURAL	EACH URBAN	EACH URBAN	LOCATION
	STP >	200 STP 5-200K	
	1		768 + 45 - 768 + 95 LT
<hr/>			
	1		TOTAL

63200310 GUARDRAIL REMOVAL

FOOT RURAL	FOOT URBAN	FOOT URBAN	LOCATION
	STP >	200 STP 5-200K	
312.5			532 + 54 - 535 + 67 RT
312.5			533 + 16 - 536 + 26 LT
275.0			586 + 4 - 588 + 85 LT
	325		765 + 80 - 769 + 10 RT
	250		766 + 42 - 768 + 94 LT
<hr/>			
900	575	0	SUBTOTAL
<hr/>			
1475			TOTAL

FILE NAME =	USER NAME = antkneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES
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				OGLE	COUNTY
				CONTRACT NO. 64H61	TOTAL SHEETS
				ILLINOIS FED. AID PROJECT	SHEET NO.
				196	19

REV 4-A-18