

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 595 (IL 5)
SECTION (18Z)RS-4

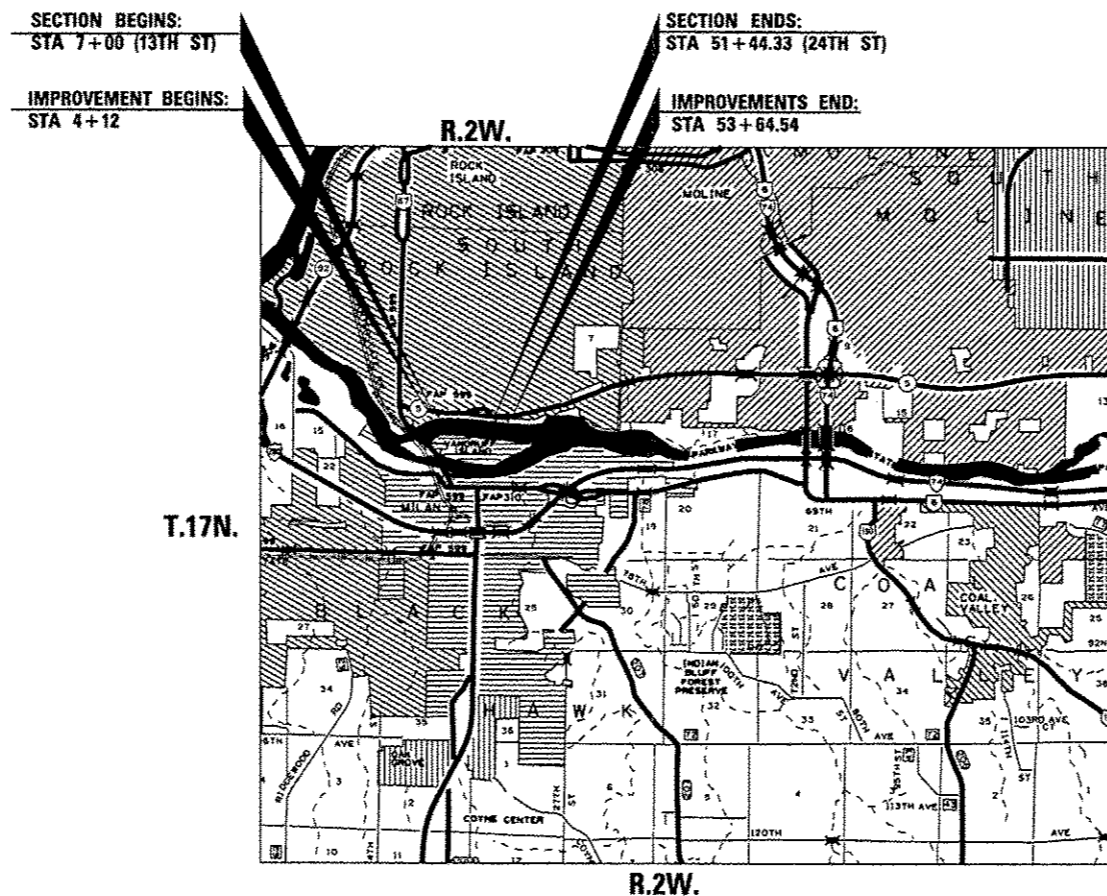
ROCK ISLAND COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18Z)RS-4	ROCK ISLAND	48	1
ILLINOIS CONTRACT NO. 64K01				

D-92-011-14

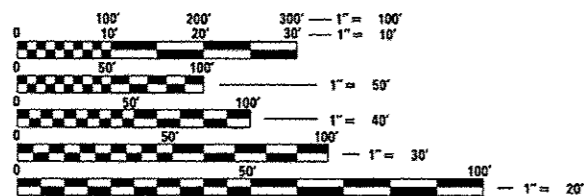


C-92-012-15



FOR INDEX OF SHEETS, SEE SHEET NO. 2

SOUTH ROCK ISLAND TOWNSHIP, SECTION 13, 14



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 MATTHEW FARMER
PROJECT MANAGER CHAD SPREEMAN (815) 284-5934

CONTRACT NO. 64K01

GROSS LENGTH = 4,444.33 FT. = 0.84 MILE
NET LENGTH = 4,444.33 FT. = 0.84 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 10-9-2014
Paul A. Huter
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 30 2015
John D. Baranelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30 2015
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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INDEX OF SHEETS

HIGHWAY STANDARDS

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GENERAL NOTES

It is estimated that 1,125 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25% has been used.

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.

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

The Contractor shall apply Seeding, Class 4A (Modified) subsequent to planting the trees as directed by the Engineer. The seeding shall be placed in the fall within the range of dates listed in the special provisions. The turf reinforcement mat shall be installed immediately following the seeding as directed by the Resident Engineer.

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 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.

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.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1-1/2 inches in depth in a single pass.

The following Mixture Requirement is applicable for this project:

Mixture Use:	Surface Course
PG:	PG 64-22
Design Air Voids	4.0 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5
Friction Aggregate	F
20 Year ESAL	0.6
Mix Unit Weight	123 lbs/sy/in
Quality Management Program to be Used	QC/QA

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 intersection of US 67 and IL 5 = Sta. 0+00.

The area to be 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.

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.

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\psidat\granston\03758%\D201	granston	DRAWN -	REVISED -		595	11821RS-4	ROCK ISLAND	48	3			
	granston	CHECKED -	REVISED -		CONTRACT NO. 64K01							
Default		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		

GENERAL NOTES

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

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.

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

Permanent traffic control striping shall be replaced in the same locations as existing markings. The Resident Engineer and the Contractor shall note and reference locations of striping prior to milling operations.

All adjusted manholes shall be flush with proposed pavement and match slope and grade of pavement.

The Contractor shall be responsible for obtaining a suitable location to store materials and equipment. At no time shall equipment or materials be allowed to be stored on State or City right-of-way.

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

Hot-mix asphalt millings shall remain the property of the State. Millings shall be delivered to the Milan Yard.

Maintenance Field Engineer, Dave Scott - Phone 815/677-1152 shall be contacted prior to delivery and for final instructions. The cost of this work shall be included within the cost of HOT-MIX ASPHALT SURFACE REMOVAL, 2".

Work on this project will be in progress at the same time as work on the City of Rock Island permit at the intersection of IL 5 and US Route 67. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

During grinding operations, concrete patches will be encountered. The grinding of the concrete shall not be paid for separately, but be included in the cost of HOT-MIX ASPHALT SURFACE REMOVAL, 2".

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.

The cost of making sewer connections to existing drainage structures shall be included in the various contract unit prices for STORM SEWER.

The Contractor shall determine flowlines of existing sewer lines which are shown on the plans as estimated or unknown. This information is necessary before ordering inlets and manholes.

COMMITMENTS

1. In order to protect potential roosting Indiana Bats and Northern-Long eared Bats, tree clearing will only occur after September 30 and before April 1 of any given year.
2. All trees (38 trees, max) impacted by project construction will be replaced at a one to one ratio. The mitigating tree species shall consist of 10 Bur Oak, 10 Red Oak, 10 White Oak, 4 Basswood and 4 Sycamore; and be 1-3/4 inch balled and burlapped sized trees.
3. If the impacted area will not accommodate all of the replacement trees, the mitigation area(s) can be located elsewhere in the park. The additional area in the park to receive mitigation trees will be determined by the park superintendent.
4. Snow fencing or a similar material will be installed along the "work area" limits to protect the area outside the work area limits. Note: Some areas may need to be "gapped" until trees are removed, then the fence will be installed in the gapped areas.
5. Tree trunk protection will be installed on all oak trees within 10-feet of the "work area" limits, or as determined by the resident engineer.
6. Turf reinforcement mat (TRM) will be used on all disturbed areas, including the ditch channel to stabilize the soil.
7. Earthen fill used to raise and shape the grade of the channel and adjust the angle of the foreslope will include six inches of topsoil underlying the TRM.
8. Fill sources of dirt from offsite will be inspected and approved by Illinois Nature Preserves Commission staff to ensure that the soil is free of invasive weed seeds.
9. The impacted area will be seeded with a low profile native grass mix (Class 4A Modified), which are suited for savanna or open woods; and a cover crop (Class 7 Modified) (see special provisions)

FILE NAME *	USER NAME * grantem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
el\p\work\pilot\grantem\0375891\02014-ht\gennote.dgn		DRAWN -	REVISED -			595	118ZIR5-4	ROCK ISLAND	48	5	
PLOT SCALE * 1/8" = 1'-0"		CHECKED -	REVISED -			CONTRACT NO. 64K01					
PLOT DATE * Wed Oct 09 11:00:21 2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
Default				SCALE: SHEET OF SHEETS STA. TO STA.							

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	100% CITY OF ROCK ISLAND	100% STATE
				ROADWAY	ROADWAY	SLOPE STABILITY
				CONST. CODE 0005	CONST. CODE 0005	CONST. CODE 0044
				URBAN	URBAN	URBAN
20100500	TREE REMOVAL, ACRES	ACRE	0.5	0	0	0.5
20101000	TEMPORARY FENCE	FOOT	542	0	0	542
20101100	TREE TRUNK PROTECTION	EACH	18	0	0	18
20200100	EARTH EXCAVATION	CU YD	120	0	0	120
20400800	FURNISHED EXCAVATION	CU YD	1,125	0	0	1,125
20800150	TRENCH BACKFILL	CU YD	22	22	0	0
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,550	0	0	1,550
25100900	TURF REINFORCEMENT MAT	SQ YD	1,550	0	0	1,550
28000305	TEMPORARY DITCH CHECKS	FOOT	204	0	0	204
28000400	PERIMETER EROSION BARRIER	FOOT	626	0	0	626
28000500	INLET AND PIPE PROTECTION	EACH	2	0	0	2
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	58	58	0	0
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	25	25	0	0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,519	6,519	0	0
40600525	LEVELING BINDER (HAND METHOD), N50	TON	13	13	0	0

* SPECIALITY ITEM

FILE NAME *	USER NAME * grantem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE * Wed Oct 29 11:01:10 2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

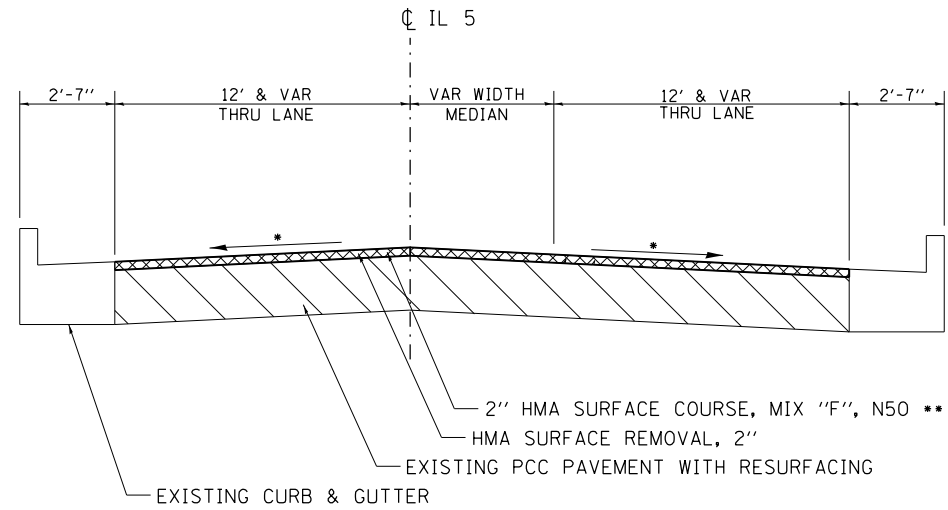
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	100% CITY OF ROCK ISLAND	100% STATE
				ROADWAY	ROADWAY	SLOPE STABILITY
				CONST. CODE 0005	CONST. CODE 0005	CONST. CODE 0044
				URBAN	URBAN	URBAN
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	155	155	0	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125	125	0	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,855	17,855	0	0
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	377	377	0	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	291	291	0	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	138	138	0	0
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62	0	0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,240	2,240	0	0
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	433	433	0	0
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	241	241	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	101	101	0	0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	737	737	0	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	101	101	0	0
* A2005814	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	4	0	0	4

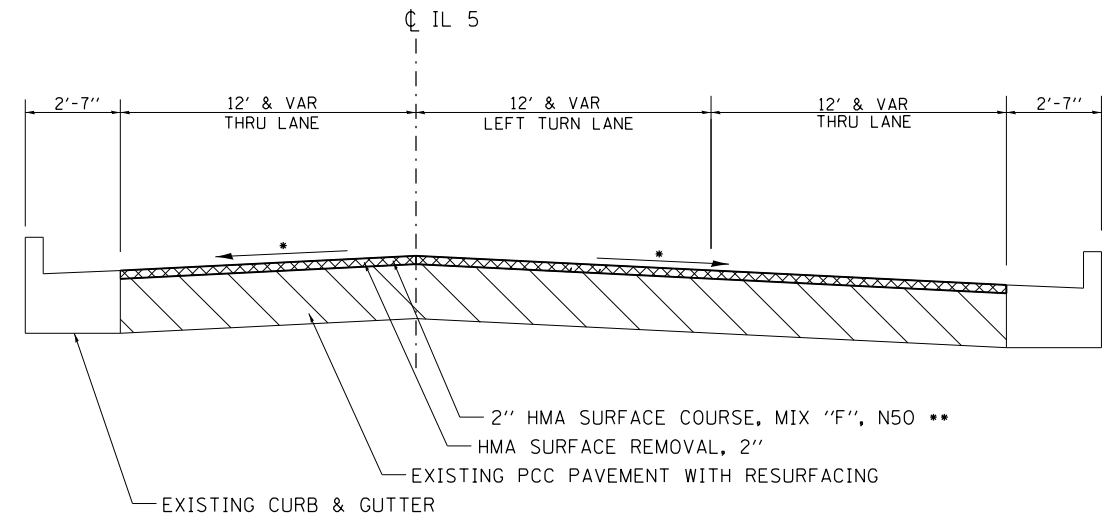
* SPECIALITY ITEM

TYPICAL SECTION

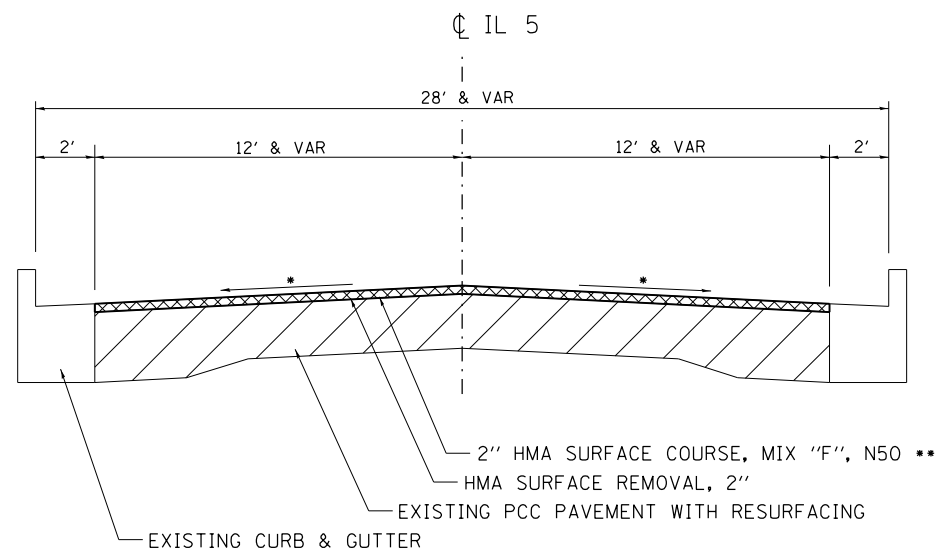
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STA 44+95 - 47+42



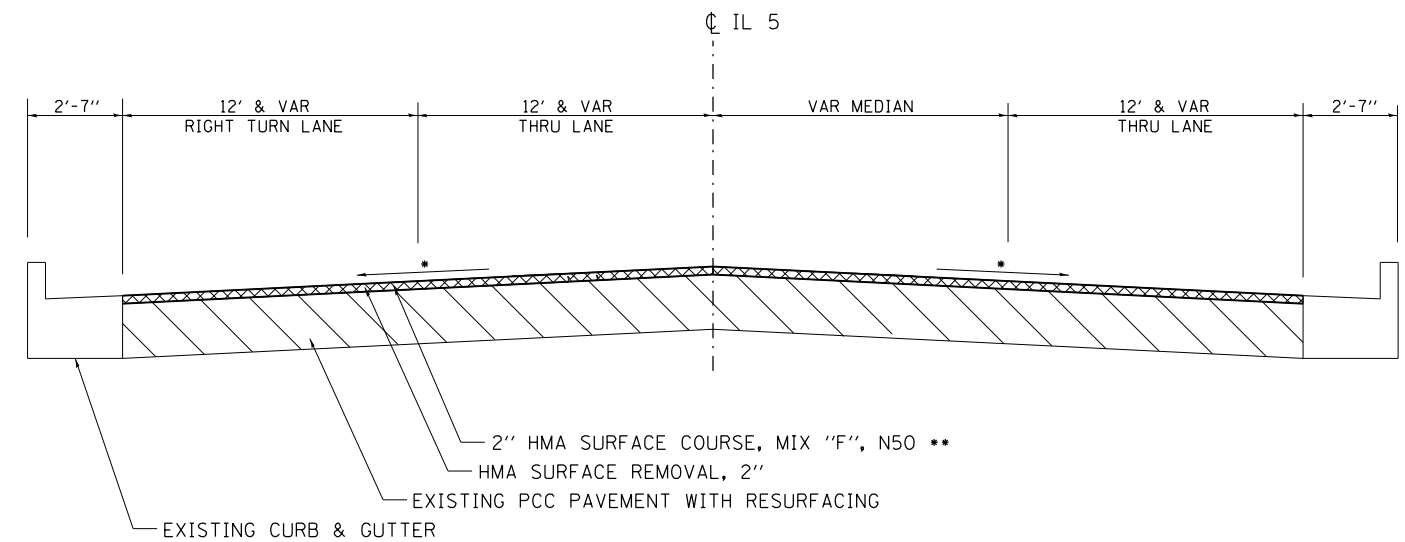
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STA 8+49 - 44+95



STA 49+90 - 51+44.33



* MAINTAIN EXIST.
CROSS SLOPES
** 123 LB/ SQ YD/ IN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

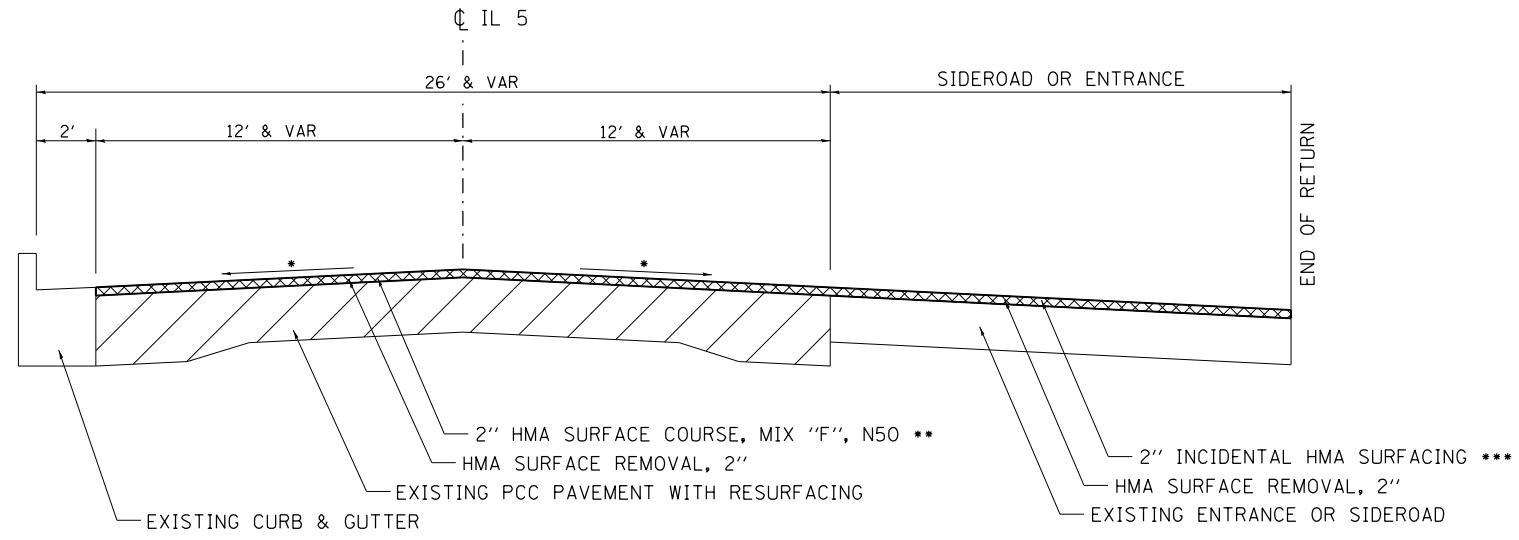
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(187)RS-4	ROCK ISLAND	48	11
CONTRACT NO. 64K01			ILLINOIS FED. AID PROJECT	

TYPICAL SECTION

SIDERoadS AND ENTRANCES

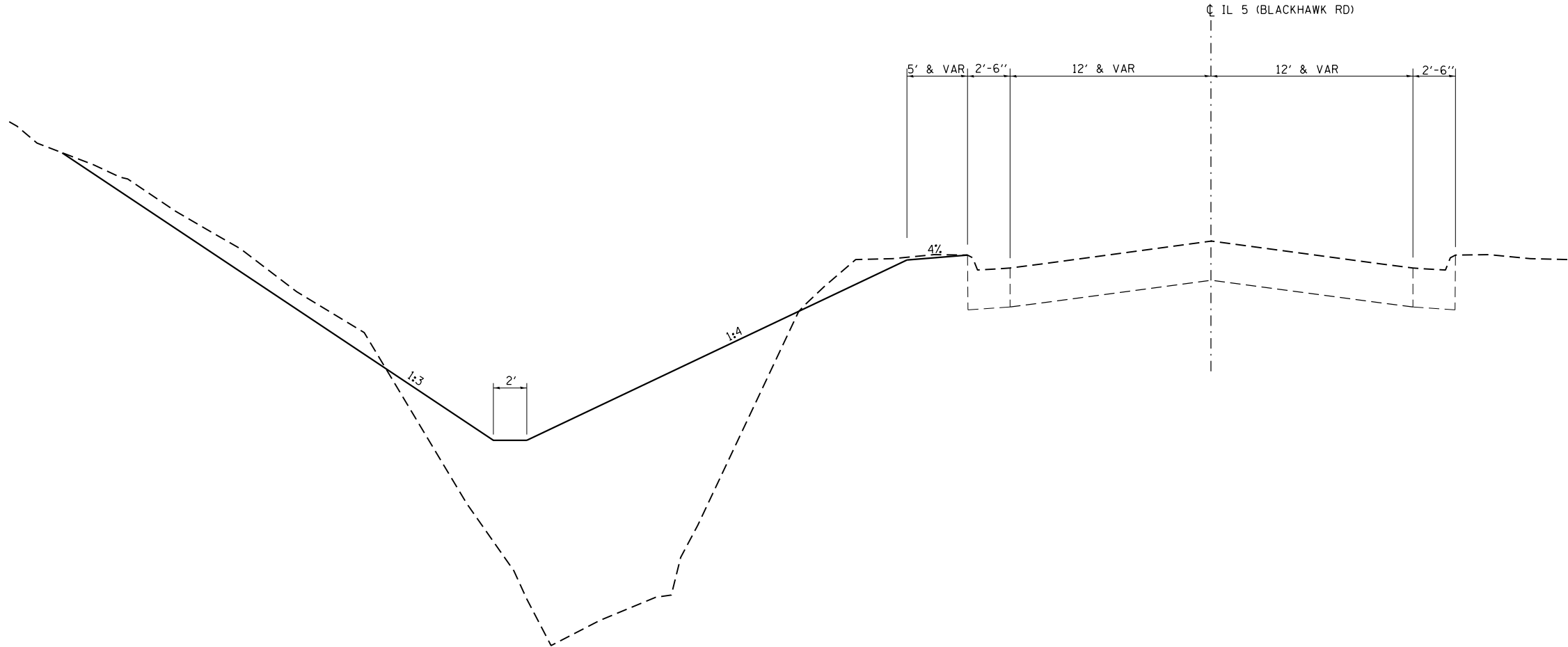
13TH ST
14TH ST
15TH ST
24TH ST



* MAINTAIN EXIST. CROSS SLOPES
** 123 LB/ SQ YD/ IN
*** 112 LB/ SQ YD/ IN

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TYPICAL SECTION



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.595	(187)RS-4	ROCK ISLAND	48	13
CONTRACT NO. 64K01			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

20100500 TREE REMOVAL ACRES

<u>ACRE</u>	<u>LOCATION</u>
	Swale
0.43	STA 0 +00 - 2 +65
0.43	TOTAL

20101000 TEMPORARY FENCE

<u>FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	Swale	
542	STA 0 +00 - 2 +75.4	See "Erosion Control and Seeding Sheet" for details
542	TOTAL	

20101100 TREE TRUNK PROTECTION

<u>EACH</u>	<u>LOCATION</u>
	Swale
18	ESTIMATED - FINAL QTY TO BE DETERMINED BY RE FOR ALL OAK TREES W/IN 10' (OUTSIDE) OF THE TEMPORARY FENCE
18	TOTAL

20800150 TRENCH BACKFILL

<u>CU YD</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
22	STA 39 +86.0	LT & RT
22	TOTAL	

21101625 TOPSOIL FURNISH AND PLACE 6"

<u>SQ YD</u>	<u>LOCATION</u>	<u>REMARKS</u>
	Swale	
1,475	STA 0 +00 - 2 +75	
	IL 5	
74.3	LT STA 28 +85.50 - 29 +43.20	Behind settled inlets
1,550	TOTAL	

25100900 TURF REINFORCEMENT MAT

<u>SQ YD</u>	<u>LOCATION</u>	<u>REMARKS</u>
	Swale	
1,475	STA 0 +00 - 2 +75	
	IL 5	
74.3	LT STA 28 +85.5 - 29 +43.2	Behind settled inlets
1,550	TOTAL	

28000305 TEMPORARY DITCH CHECKS

<u>FOOT</u>	<u>LOCATION</u>
	Swale
12	STA 0 +08
12	STA 0 +30.5
12	STA 0 +72
12	STA 0 +85
12	STA 0 +98
12	STA 1 +11
12	STA 1 +24
12	STA 1 +37
12	STA 1 +50
12	STA 1 +63
12	STA 1 +76
12	STA 1 +89
12	STA 2 +02
12	STA 2 +15
12	STA 2 +28
12	STA 2 +41
12	STA 2 +68
204	TOTAL

28000400 PERIMETER EROSION BARRIER

<u>FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
536.5	LT STA 24 +00 - 25 +80.90	See "Erosion Control and Seeding Sheet" for details
88.9	LT STA 28 +85.50 - 29 +43.20	See "Erosion Control and Seeding Sheet" for details
626	TOTAL	

28000500 INLET AND PIPE PROTECTION

<u>EACH</u>	<u>LOCATION</u>
	Swale
1	STA 0 +00.0
1	STA 0 +38.5
2	TOTAL

SCHEDULE OF QUANTITIES

30300001 AGGREGATE SUBGRADE IMPROVEMENT

CUYD	LOCATION	REMARKS
	IL 5	
12.2	LT STA 28 +99 - 29 +54	Underneath Class B Patch (DS 97.4)
38.0	LT STA 31 +23.5 - 32 +94.5	Underneath Class B Patch (DS 97.4)
1.8	LT STA 39 +83 - 39 +91	Underneath Class B Patch (DS 97.4)
5.8	RT STA 39 +83 - 40 +09	Underneath Class B Patch (DS 97.4)
<u>58</u>	TOTAL	

31100910 SUBBASE GRANULAR MATERIAL, TYPE A 12"

SQ YD	LOCATION	REMARKS
	IL 5	
25.0	LT STA 28 +99 - 29 +54	Underneath CC&G, TYPE B-6.24
<u>25</u>	TOTAL	

40600525 LEVELING BINDER (HAND METHOD), N50

TON	LOCATION
	IL 5
13	STA 7 +00 - 51 +44.33
<u>13</u>	TOTAL

44000500 COMBINATION CURB AND GUTTER REMOVAL

FOOT	LOCATION
	IL 5
55	LT STA 28 +99 - 29 +54
<u>55</u>	TOTAL

44200970 CLASS B PATCHES, TYPE II, 10 INCH

SQ YD	LOCATION
	IL 5
10.7	LT STA 39 +83 - 39 +91
<u>11</u>	TOTAL

44200976 CLASS B PATCHES, TYPE IV, 10 INCH

SQ YD	LOCATION
	IL 5
73.3	LT STA 28 +99 - 29 +54
228.0	LT STA 31 +23.5 - 32 +94.5
34.7	RT STA 39 +83 - 40 +09
<u>336</u>	TOTAL

44201299 DOWEL BARS 1 1/2"

EACH	LOCATION
	IL 5
20	LT STA 28 +99 - 29 +54
20	LT STA 31 +23.5 - 32 +94.5
20	LT STA 39 +83 - 39 +91
20	RT STA 39 +83 - 40 +09
<u>80</u>	TOTAL

44213100 PAVEMENT FABRIC

SQ YD	LOCATION
	IL 5
73.3	LT STA 28 +99 - 29 +54
228.0	LT STA 31 +23.5 - 32 +94.5
34.7	RT STA 39 +83 - 40 +09
<u>336</u>	TOTAL

44213200 SAW CUTS

FOOT	LOCATION	REMARKS
	IL 5	
146.0	LT STA 28 +99 - 29 +54	3W +2L
378.0	LT STA 31 +23.5 - 32 +94.5	3W +2L
52.0	LT STA 39 +83 - 39 +91	3W +2L
88.0	RT STA 39 +83 - 40 +09	3W +2L
<u>664</u>	TOTAL	

SCHEDULE OF QUANTITIES

44213204 TIE BARS 3/4"

<u>EACH</u>	<u>LOCATION</u>
	IL 5
58	LT STA 28 +99 - 29 +54
174	LT STA 31 +23.5 - 32 +94.5
29	RT STA 39 +83 - 40 +09
<u>261</u>	TOTAL

542D0220 PIPE CULVERTS, CLASS D, TYPE 115"

<u>FOOT</u>	<u>LOCATION</u>
	Swale
34.0	STA 0 +00 - 0 +34.0
<u>34</u>	TOTAL

54213450 END SECTIONS 15"

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET (FEET)</u>
	Swale	
1	STA 0 +38.5	0.00
<u>1</u>	TOTAL	

550A0050 STORM SEWERS, CLASS A, TYPE 112"

<u>FOOT</u>	<u>LOCATION</u>
	IL 5
26	STA 39 +86
<u>26</u>	TOTAL

55100500 STORM SEWER REMOVAL 12"

<u>FOOT</u>	<u>LOCATION</u>
	IL 5
26	STA 39 +86
<u>26</u>	TOTAL

60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

<u>EACH</u>	<u>LOCATION</u>	
	Swale	
1	STA 0 +00	"STORM"
<u>1</u>	TOTAL	

60255500 MANHOLES TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET (FEET)</u>
	IL 5	
1	RT Sta 8 +03.5	11.5'
1	LT Sta 9 +84.8	12.0'
1	RT Sta 10 +94.2	47.3'
1	RT Sta 12 +00	9.7'
1	RT Sta 16 +01.5	2.7'
1	LT Sta 18 +56.7	1.9'
1	RT Sta 20 +02.3	19.4'
<u>7</u>	TOTAL	

60260100 INLETS TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>
	IL 5
1	LT Sta 29 +06.1
1	LT Sta 29 +15.0
<u>2</u>	TOTAL

60266600 VALVE BOXES TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET (FEET)</u>
	IL 5	
1	LT Sta 7 +44.5	48.1'
1	LT Sta 7 55.4	20.9'
<u>2</u>	TOTAL	

SCHEDULE OF QUANTITIES

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

<u>FOOT</u>	<u>LOCATION</u>
	IL 5
55	LT STA 28 +99 - 29 +54
55	TOTAL

63500105 DELINEATORS

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET (FEET)</u>
	Swale	
1	STA 0 +00.0	0.00
1	STA 0 +34.0	0.00
2	TOTAL	

66700305 PERMANENT SURVEY MARKERS, TYPE II

<u>EACH</u>	<u>LOCATION</u>
	IL5/Swale
1	Discretion of Resident Engineer
1	TOTAL

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

<u>WHITE</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
15.6	RT STA 28 +50	Left Arrow - CE
15.6	RT STA 28 +65.4	Right Arrow - CE
15.6	STA 49 +15.2	Left Arrow - Left Turn Lane
15.6	STA 49 +68.6	Left Arrow - Left Turn Lane
15.6	STA 50 +21.8	Left Arrow - Left Turn Lane
15.6	LT STA 51 +40.5	Right Arrow - Right Turn Lane
15.6	LT STA 52 +83.4	Right Arrow - Right Turn Lane
15.6	LT STA 53 +35.77	Right Arrow - Right Turn Lane
125	TOTAL	

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

<u>YELLOW</u>	<u>WHITE</u>	<u>LOCATION</u>	<u>REMARKS</u>
		IL 5	
	17.0	LT STA 7 +00 - 7 +17	Edge Line
	334.0	RT STA 7 +00 - 10 +34	Edge Line
8,683.8		STA 7 +00 - 50 +41.9	Double Center Line
25.3		STA 7 +00 - 7 +14.7	Median
	1,005.0	LT STA 7 +80 - 17 +85	Edge Line
	678.0	RT STA 11 +43 - 18 +21	Edge Line
	3,127.0	LT STA 18 +63 - 49 +90	Edge Line
	111.6	LT STA 49 +90 - 200 +90.9	Edge Line - NW QUAD IL 5/24 TH ST
	82.0	RT STA 18 +96 - 19 +78	Edge Line
	200.0	RT STA 20 +20 - 22 +20	Edge Line
	425.0	RT STA 22 +75 - 27 +00	Edge Line
24.2		RT STA 28 +49	Edge Line - CE
	27.0	RT STA 28 +61	Edge Line
	358.0	RT STA 29 +10 - 32 +68	Edge Line
	1,496.0	RT STA 33 +36 - 48 +32	Edge Line
590.0		STA 45 +72 - 48 +67	Median
	254.3	RT STA 48 +90 - 51 +44.3	Edge Line
150.0		STA 51 +07.3 - 51 +44.3	Double Center Line Median
	126.9	LT STA 52 +37.6 - 53 +64.5	Edge Line
		24 TH Street	
57.6		STA 200 +33.6 - 200 +91.2	Double Center Line
	82.0	RT STA 200 +91.7 - 51 +44.3	Edge Line - NE QUAD IL 5/24 TH ST
9,531	8,324	SUB-TOTALS	
	17,855	TOTAL	

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

<u>WHITE</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
134.5	RT STA 49 +05.4 - 50 +39.9	Turn Lane Line
17.1	LT STA 51 +27.3 - 51 +44.4	Turn Lane Line
126.9	LT STA 52 +37.6 - 53 +64.5	Turn Lane Line
		24 TH Street
98.4	LT STA 200 +19.4 - 200 +47.8	Edge Line - Island
377	TOTAL	

SCHEDULE OF QUANTITIES

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

<u>YELLOW FOOT</u>	<u>WHITE FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
		IL 5	
5.0		STA 7 +00 - 7 +35.4	Diagonals - Median
153.9		STA 45 +51.1 - 49 +03.5	Diagonals - Median
24.0		STA 51 +12.1 - 51 +42.9	Diagonals - Median
		24 TH Street	
	107.5	LT STA 200 +20.6 - 200 +44.6	Diagonals - Island
	183	SUB-TOTALS	
	291	TOTAL	

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

<u>WHITE FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
27.5	RT STA 28 +49.9 - 28 +73.9	Stop Bar - CE
26.9	RT STA 32 +87.2 - 33 +14.1	Stop Bar - CE
22.0	RT STA 50 +41.9	Stop Bar - IL 5
32.0	LT STA 51 +25.3	Stop Bar - IL 5
	24 TH Street	
12.0	LT STA 200 +31.6	Stop Bar - RT Turn Lane
17.9	LT STA 200 +34.6	Stop Bar - 24 TH Street
138	TOTAL	

78001100 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (2 APPLICATIONS)

<u>WHITE SQ FT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
15.6	LT STA 51 +84.5	Right Arrow - Right Turn Lane
15.6	LT STA 52 +33.5	Right Arrow - Right Turn Lane
31.2	SUB-TOTALS	
62	TOTAL (2 APPLICATIONS)	

78001110 PAINT PAVEMENT MARKING - LINE 4" (2 APPLICATIONS)

<u>YELLOW FOOT</u>	<u>WHITE FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
		IL 5	
	288.0	LT STA 4 +12 - 7 +00	Edge Line
	288.0	RT STA 4 +12 - 7 +00	Edge Line
	93.3	LT STA 51 +44.3 - 52 +37.6	Edge Line
357.2		STA 51 +44.3 - 52 +33.6	Double Center Line Median
	93.3	RT STA 51 +44.3 - 52 +37.6	Edge Line
357.2	763	SUB-TOTALS	
	2,240	TOTAL (2 APPLICATIONS)	

78001140 PAINT PAVEMENT MARKING - LINE 8" (2 APPLICATIONS)

<u>WHITE FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
123.0	LT STA 4 +12 - 5 +35	Turn Lane Line
93.2	LT STA 51 +44.4 - 52 +37.6	White Turn Lane Line
216.2	SUB-TOTALS	
433	TOTAL (2 APPLICATIONS)	

78001150 PAINT PAVEMENT MARKING - LINE 12" (2 APPLICATIONS)

<u>YELLOW FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
74.5	STA 5 +55.30 - 7 +00	Diagonals - Median
46.0	STA 51 +52.1 - 52 +22.9	Diagonals - Median
120.5	SUB-TOTALS	
241	TOTAL (2 APPLICATIONS)	

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>CRYSTAL EACH</u>	<u>AMBER EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
		IL 5	
6	LT/RT	Sta 7 +22 - 8 +02	Dual Two-Way Marker - Spaced 40' oc
46		Sta 8 +42 - 44 +42	Two-Way Marker - Spaced 80' oc
28	LT/RT	Sta 45 +21.8 - 50 +41.8	Dual Two-Way Marker - Spaced 40' oc
7		Sta 47 +81.8 - 50 +21.8	Two-Way Marker - Spaced 40' oc
6	RT	STA 49 +21.8 - 50 +21.8	One-Way Marker - Spaced 20' oc
1	LT	STA 51 +06.1	Two-Way Marker
2		Sta 51 +31.1	Dual Two-Way Marker
1	LT	Sta 51 +31.1	One-Way Marker
		24 TH Street	
4		STA 200 +33.6 - 200 +73.6	Dual Two-Way Marker - Spaced 40' oc
7	94	SUB-TOTALS	
	101	TOTAL	

SCHEDULE OF QUANTITIES

78300100 PAVEMENT MARKING REMOVAL

<u>SQ FT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
96	LT Sta 4 +12 - 7 +00	Existing 4" White Edge Line
96	RT Sta 4 +12 - 7 +00	Existing 4" White Edge Line
82	LT Sta 4 +12 - 5 +35	Existing 8" White Turn Lane Line
192	Sta 4 +12 - 7 +00	Existing 4" Double Yellow
96.5	Sta 5 +55.3 - 7 +00	Existing 4" Double Center Line Yellow
66.4	Sta 5 +55.3 - 6 +95.7	Existing 12" Diagonals Yellow Median
11.8	LT Sta 51 +66.0	Existing "ONLY" To be Replaced by an Arrow
84.6	LT STA 52 +37.6 - 53 +64.5	Existing 8" White Turn Lane Line
11.8	LT Sta 52 +83.5	Existing "ONLY" To be Replaced by an Arrow
<u>737</u>	TOTAL	

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	<u>LOCATION</u>
	IL 5
97	Sta 7 +22 - 51 +31.1
	24 TH Street
<u>4</u>	STA 200 +33.6 - 200 +73.6
101	TOTAL

X2501850 SEEDING CLASS 7 (MODIFIED)

<u>ACRE</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
0.43	LT STA 24 +00 - 26 +70	Temporary Cover Mixture
0.02	LT STA 28 +88.0 - 29 +42	Temporary Cover Mixture
<u>0.45</u>	TOTAL	

X2502014 SEEDING CLASS 4A (MODIFIED)

<u>ACRE</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
0.43	LT STA 24 +00 - 26 +70	Mesic Savanna/Open Woods Grass
0.02	LT STA 28 +88.0 - 29 +42	Mesic Savanna/Open Woods Grass
<u>0.45</u>	TOTAL	

X8140115 HANDHOLE TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
	24 TH Street	
<u>1</u>	LT Sta 200 +30	Within Island at IL 5/24 TH ST INTERSECTION
1	TOTAL	

X8860400 DETECTOR LOOP SPECIAL

<u>FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
	IL 5	
65	Sta 49 +93.8 - 50 +13.8	LT. Turn Lane - 6'x20' + Tail Length
57	RT Sta 49 +93.8 - 50 +13.8	Thru Lane EB Traffic - 6'x20' + Tail Length
65	Sta 50 +19.8 - 50 +39.8	LT. Turn Lane - 6'x20' + Tail Length
54	RT Sta 50 +19.8 - 50 +39.8	Thru Lane EB Traffic - 6'x20' + Tail Length
70	LT Sta 51 +27.4 - 51 +47.4	Thru Lane WB Traffic - 6'x20' + Tail Length
71	LT Sta 51 +53.4 - 51 +73.4	Thru Lane WB Traffic - 6'x20' + Tail Length
	24 TH Street	
73	LT Sta 200 +33.7 - 200 +53.7	Thru Lane SB Traffic - 6'x20' + Tail Length
74	LT Sta 200 +59.7 - 200 +79.7	Thru Lane SB Traffic - 6'x20' + Tail Length
<u>529</u>	TOTAL	

Z0010615 CLEANING EXISTING INLETS

<u>EACH</u>	<u>LOCATION</u>
	IL 5
1	LT Sta 7 +85.9
1	RT Sta 11 +19.3
1	LT Sta 12 +77.3
1	RT Sta 13 +42.04
1	RT Sta 14 +89.9
1	LT Sta 16 +97.4
1	RT Sta 16 +97.6
1	LT Sta 18 +89.0
1	RT Sta 18 +97.1
1	RT Sta 23 +77.3
1	RT Sta 23 +81.2
<u>11</u>	PAGE TOTAL

SCHEDULE OF QUANTITIES

Z0010615 CLEANING EXISTING INLETS CONT

<u>EACH</u>	<u>LOCATION</u>	
IL 5		
1	LT	Sta 26 +63.4
1	RT	Sta 26 +63.8
1	RT	Sta 29 +15.5
1	LT	Sta 31 +37.0
1	RT	Sta 31 +37.5
1	RT	Sta 32 +62.0
1	LT	Sta 32 +63.1
1	RT	Sta 32 +65.9
1	LT	Sta 37 +87.1
1	RT	Sta 37 +87.7
1	RT	Sta 39 +86.2
1	LT	Sta 39 +86.6
1	RT	Sta 44 +09.4
1	LT	Sta 44 +25.8
1	LT	Sta 48 +20.1
1	RT	Sta 48 +20.5
1	RT	Sta 51 +27.0
17	PAGE TOTAL	
11	PREVIOUS PAGE TOTAL	
28	TOTAL	

Z0028415 GEOTECHNICAL REINFORCEMENT

<u>SQ YD</u>	<u>LOCATION</u>		<u>REMARKS</u>
IL 5			
22	LT	STA 28 +99 - 29 +54	Underneath Combination C&G Type B-6.24
73.3	LT	STA 28 +99 - 29 +54	Underneath Class B Patch (DS 97.4)
228.0	LT	STA 31 +23.5 - 32 +94.5	Underneath Class B Patch (DS 97.4)
10.7	LT	STA 39 +83 - 39 +91	Underneath Class B Patch (DS 97.4)
34.7	RT	STA 39 +83 - 40 +09	Underneath Class B Patch (DS 97.4)
369	TOTAL		

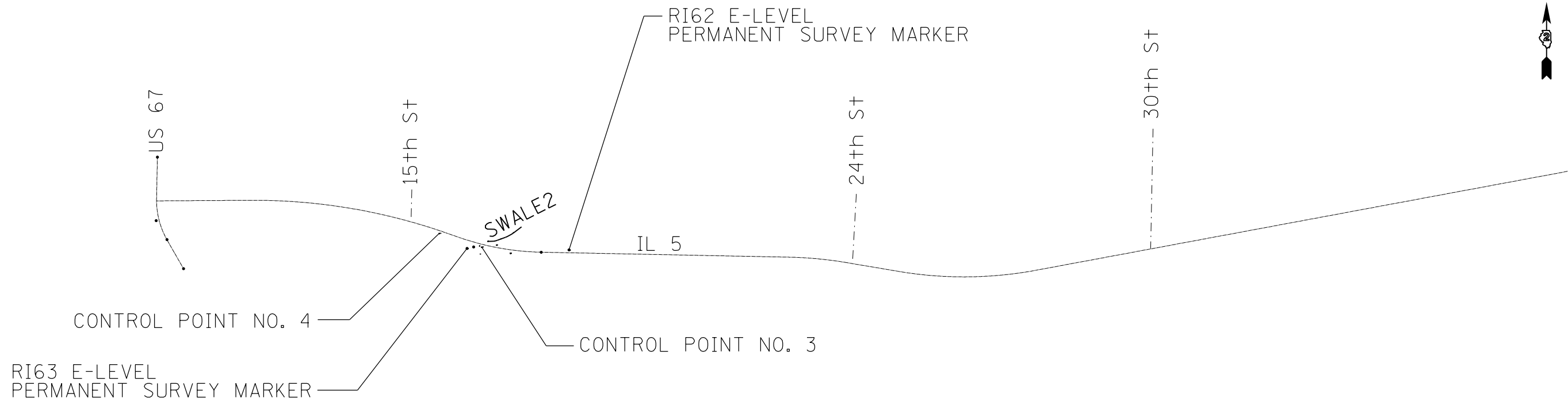
EARTHWORK SCHEDULE

EARTH WORK SCHEDULE				
LOCATION SWALE	EARTH EXC (CUT) CU YD	EARTH EXC ADJ SHRINK 25% CU YD	EMBANK (FILL) CU YD	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) CU YD
0+00 - 2+75	83	62	1203	-1141
IL 5				
24+20 - 25+78	10	8	1	7
28+85.5 - 29+43.2	25	19	6	13
TOTAL	118	89	1210	-1121

HOT-MIX ASPHALT SCHEDULE

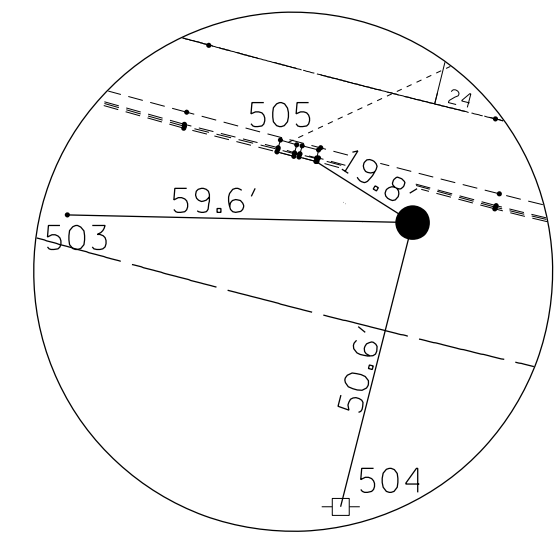
40600275 40600990 40603385 40800050 44000157 70300100 70301000

LOCATION	REMARKS	BITUMINOUS PAVEMENT			BITUMINOUS MATERIALS (PRIME COAT) 1 APPLICATION	TEMPORARY RAMP	HMA SURFACE COURSE, MIX "F", N50	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
		LENGTH	WIDTH	AREA							
		FT	FT	SQ YD							
ROCK ISLAND CO.											
IL 5											
7 + 00	PROJECT BEGINS JUST WEST OF 13TH STREET					28.5					
7 + 00 - 8 + 49	IL 5 MAINLINE	149	VARIES	524.2	235.9		72.53	524.2	30	5.0	
8 + 49 - 44 + 95	IL 5 MAINLINE	3,646	24	9,722.7	4,375.2		1345.37	9,722.7	730	121.7	
44 + 95 - 47 + 42	IL 5 MAINLINE	247	VARIES	823.0	370.4		113.88	823.0	50	8.3	
47 + 42 - 49 + 90	IL 5 MAINLINE	248	36	992.0	446.4		137.27	992.0	50	8.3	
49 + 90 - 51 + 44.33	IL 5/24TH ST. LT	154.33	VARIES	1,212.0	545.4	37.9	167.71	1,212.0	16	2.7	
51 + 44.33	PAVING ENDS AT WEST BRIDGE APPROACH SLAB OF MILL CREEK					26.6			54	9.0	
	SIDEROADS/CE'S										
7 + 52.7	13TH ST. LT			117.4	52.8	14.9		16.43	117.4		
11 + 07.7	14TH ST. RT			223.1	100.4	21.1		31.23	223.1		
18 + 27.8	15TH ST. LT			167.5	75.4	21.3		23.45	167.5		
18 + 58.7	15TH ST. RT			132.5	59.6	17.9		18.55	132.5		
20 + 10.4	CE RT			60.5	27.2	13.1		8.46			
22 + 36.9	CE RT			55.6	25.0	13.9		7.79			
28 + 41.8	CE RT			344.3	155.0	35.8		48.21			
33 + 00.9	CE RT			77.3	34.8	17.9		10.82			
48 + 58.4	CE RT			35.0	15.8	14.7		4.90			
TOTALS					6,519	264	1,837	170	13,914	930	155



HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
3	1747859.6790	2184562.1320	668.6310	IL5	24+01.2759	20.7994' RT	TOPO SURVEY POINT, PIN
4	1747959.5570	2184254.3040	674.7920	IL5	20+79.1812	19.502' RT	TOPO SURVEY POINT, PIN
11	1747876.4886	2184670.5096	663.3122	IL5	25+03.4423	19.0013' LT	TOPO SURVEY POINT, PIN
12	1747816.0735	2184769.4962	663.0122	IL5	26+10.7718	24.5843' RT	TOPO SURVEY POINT, NAIL
RI62	1747839.7230	2185194.5137	647.0499	IL5	30+32.8980	20.3883' LT	PERM. SURVEY MARKER, PLUG
RI63	1747850.5193	2184455.5259	675.2088	IL5	23+02.9648	58.0296' RT	PERM. SURVEY MARKER, PLUG

REFERENCE TIES						
POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
503	1747861.0490	2184502.5670	IL5	23+44.1675	34.722' RT	PIER, CORNER
504	1747810.6660	2184549.7220	IL5	24+01.0796	71.3587' RT	POWER POLE, SHINER
505	1747870.0370	2184545.5410	IL5	23+82.8166	14.845' RT	CATCH BASIN, CORNER



HORIZONTAL CONTROL POINT NO. 3

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL5	300	300	301	302	303
IL5	A029200	029200	29201	29202	29203
IL5	A0291200	0291200	291201	291202	291203
IL5	A1181210	1181210	1181211	1181212	1181213
IL5	A1181220	1181220	1181221	1181222	1181223

IL 5

Chain IL5 contains:
A0791090 CUR 300 CUR A029200 CUR A0291200 CUR A1181210 CUR A1181220

Beginning chain IL5 description
=====

Point A0791090 N 1,748,195.2298 E 2,182,205.4625 Sta 0+00.0000

Course from A0791090 to PC 300 89° 38' 40.8620" Dist 678.8511'

Curve Data

Curve 300
P.I. Station 14+08.1361 N 1,748,203.9622 E 2,183,613.5716
Delta = 19° 35' 08.9403" (RT)
Degree = 1° 21' 21.7436"
Tangent = 729.2851'
Length = 1,444.3393'
Radius = 4,225.2282'
External = 62.4763'
Long Chord = 1,437.3173'
Mid. Ord. = 61.5660'
P.C. Station 6+78.8511 N 1,748,199.4396 E 2,182,884.3005
P.T. Station 21+23.1903 N 1,747,963.7581 E 2,184,302.1634
C.C. N 1,743,974.2927 E 2,182,910.5028

Course from PT 300 to PC A029200 109° 13' 49.8022" Dist 101.9894'

Curve Data

Curve A029200
P.I. Station 25+30.8654 N 1,747,829.4824 E 2,184,687.0907
Delta = 18° 05' 03.6741" (LT)
Degree = 2° 58' 58.0895"
Tangent = 305.6857'
Length = 606.2873'
Radius = 1,920.8706'
External = 24.1712'
Long Chord = 603.7738'
Mid. Ord. = 23.8708'
P.C. Station 22+25.1797 N 1,747,930.1659 E 2,184,398.4619
P.T. Station 28+31.4670 N 1,747,823.3679 E 2,184,992.7152
C.C. N 1,749,743.8542 E 2,185,031.1378

Course from PT A029200 to PC A0291200 91° 08' 46.1282" Dist 1,793.1978'

Curve Data

Curve A0291200
P.I. Station 48+36.5662 N 1,747,783.2605 E 2,186,997.4132
Delta = 8° 27' 40.3970" (RT)
Degree = 2° 00' 00.4895"
Tangent = 211.9014'
Length = 423.0323'
Radius = 2,864.5942'
External = 7.8268'
Long Chord = 422.6480'
Mid. Ord. = 7.8054'
P.C. Station 46+24.6648 N 1,747,787.4991 E 2,186,785.5542
P.T. Station 50+47.6971 N 1,747,747.8951 E 2,187,206.3426
C.C. N 1,744,923.4780 E 2,186,728.2546

Course from PT A0291200 to PC A1181210 99° 36' 26.5435" Dist 377.6464'

IL 5 (CON'T)

Curve Data

Curve A1181210
P.I. Station 59+34.2945 N 1,747,599.9259 E 2,188,080.5050
Delta = 20° 08' 56.9908" (LT)
Degree = 2° 00' 00.4901"
Tangent = 508.9509'
Length = 1,007.3896'
Radius = 2,864.5940'
External = 44.8612'
Long Chord = 1,002.2066'
Mid. Ord. = 44.1695'
P.C. Station 54+25.3436 N 1,747,684.8676 E 2,187,578.6924
P.T. Station 64+32.7332 N 1,747,693.0398 E 2,188,580.8657
C.C. N 1,750,509.2844 E 2,188,056.7805

Course from PT A1181210 to PC A1181220 79° 27' 29.5461" Dist 2,498.2285'

Curve Data

Curve A1181220
P.I. Station 94+13.2021 N 1,748,238.3246 E 2,191,511.0293
Delta = 9° 37' 22.0131" (LT)
Degree = 1° 00' 00.2457"
Tangent = 482.2403'
Length = 962.2125'
Radius = 5,729.1870'
External = 20.2599'
Long Chord = 961.0820'
Mid. Ord. = 20.1885'
P.C. Station 89+30.9617 N 1,748,150.0974 E 2,191,036.9284
P.T. Station 98+93.1742 N 1,748,404.5615 E 2,191,963.7113
C.C. N 1,753,782.5856 E 2,189,988.7582

=====

Ending chain IL5 description

SWALE2

Chain SWALE2 contains:
80006 CUR SWALE2-1 CUR SWALE2-2 80007

Beginning chain SWALE2 description
=====

Point 80006 N 1,747,900.9937 E 2,184,601.9024 Sta 0+00.0000

Course from 80006 to PC SWALE2-1 87° 37' 20.3686" Dist 40.7280'

Curve Data

Curve SWALE2-1
P.I. Station 0+56.5532 N 1,747,903.6995 E 2,184,658.3879
Delta = 15° 20' 36.6942" (LT)
Degree = 48° 46' 12.2833"
Tangent = 15.8252'
Length = 31.4609'
Radius = 117.4814'
External = 1.0611'
Long Chord = 31.3670'
Mid. Ord. = 1.0516'
P.C. Station 0+40.7280 N 1,747,902.6834 E 2,184,642.5954
P.T. Station 0+72.1890 N 1,747,908.8582 E 2,184,673.3486
C.C. N 1,748,019.9223 E 2,184,635.0520

Course from PT SWALE2-1 to PC SWALE2-2 69° 32' 21.1792" Dist 62.9366'

Curve Data

Curve SWALE2-2
P.I. Station 1+67.8908 N 1,747,943.3380 E 2,184,762.6103
Delta = 12° 25' 19.5891" (LT)
Degree = 19° 01' 51.0113"
Tangent = 32.7652'
Length = 65.2736'
Radius = 301.0681'
External = 1.7777'
Long Chord = 65.1458'
Mid. Ord. = 1.7672'
P.C. Station 1+35.1256 N 1,747,930.8587 E 2,184,732.3147
P.T. Station 2+00.3992 N 1,747,962.0422 E 2,184,789.5123
C.C. N 1,748,209.2346 E 2,184,617.6463

Course from PT SWALE2-2 to 80007 52° 51' 16.7752" Dist 75.0000'

Point 80007 N 1,748,007.3301 E 2,184,849.2952 Sta 2+75.3992

=====

Ending chain SWALE2 description

24TH AVE

Chain EX24TH contains:
60000 60001

Beginning chain EX24TH description
=====

Point 60000 N 1,747,741.2082 E 2,187,245.8469 Sta 200+00.0000

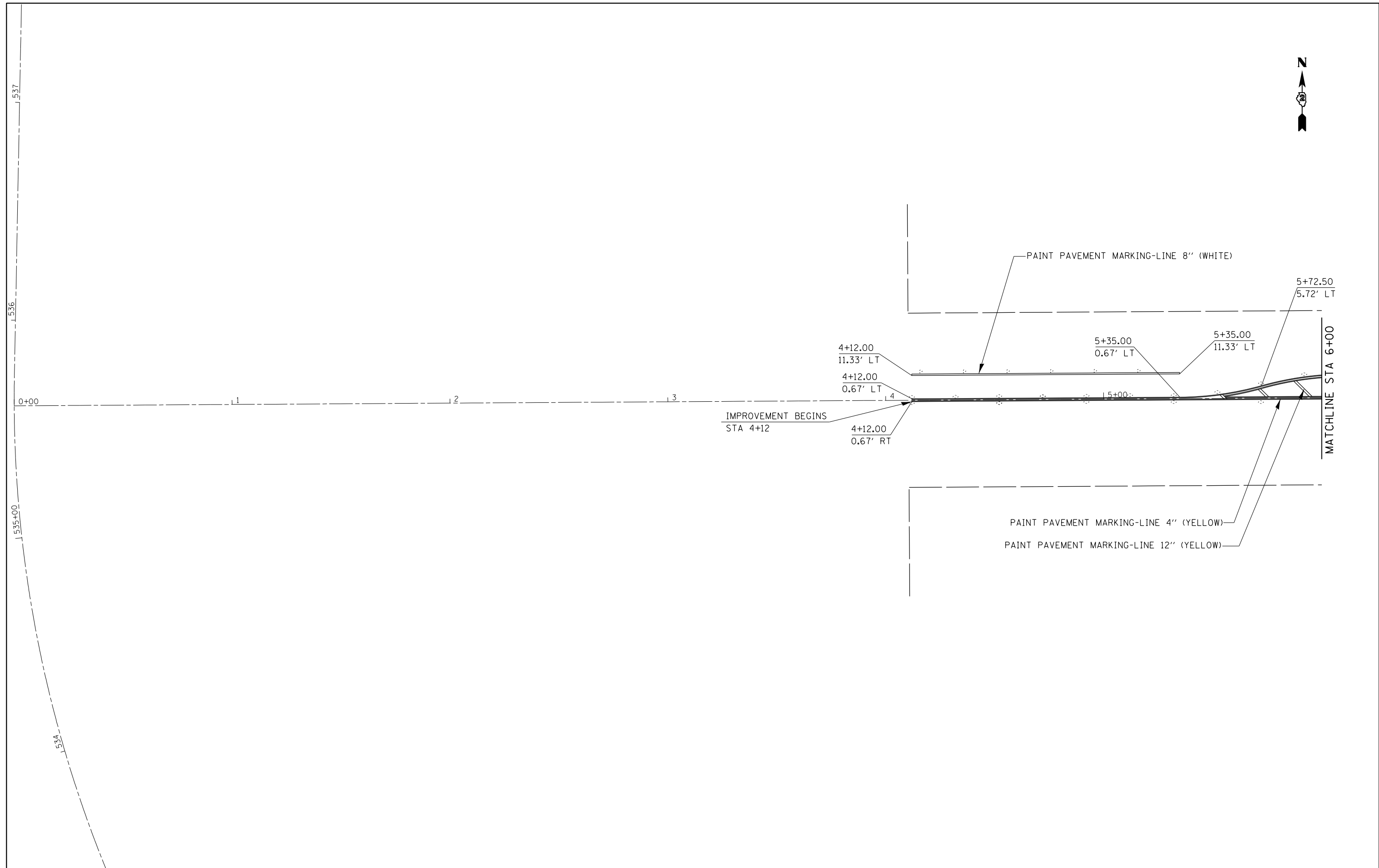
Course from 60000 to 60001 3° 22' 49.3439" Dist 173.7826'

Point 60001 N 1,747,914.6884 E 2,187,256.0939 Sta 201+73.7826

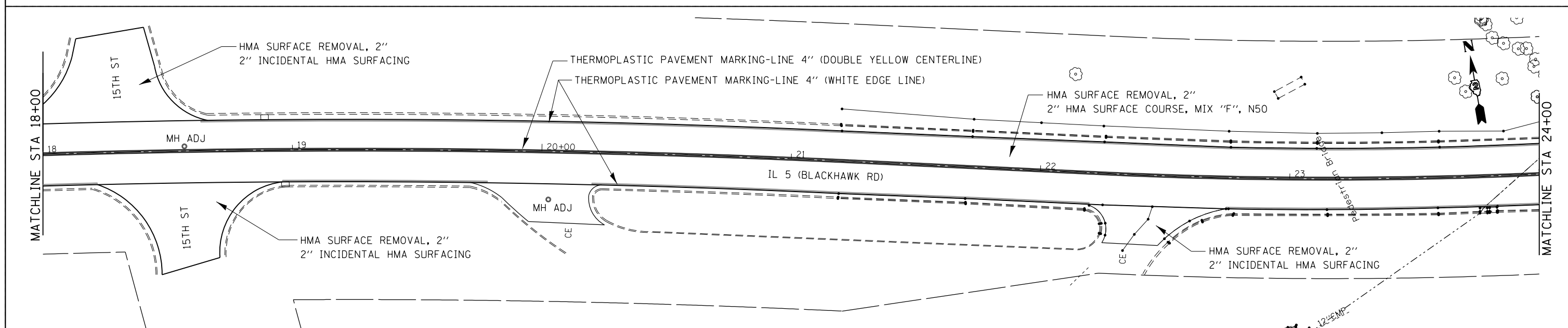
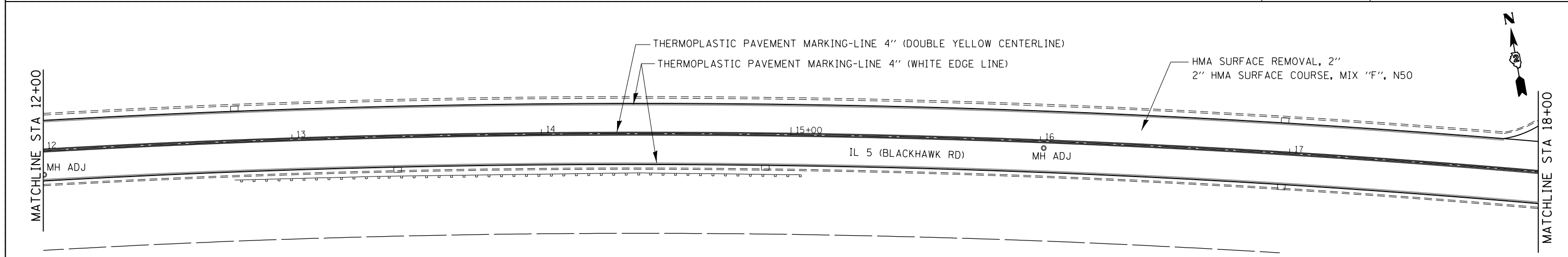
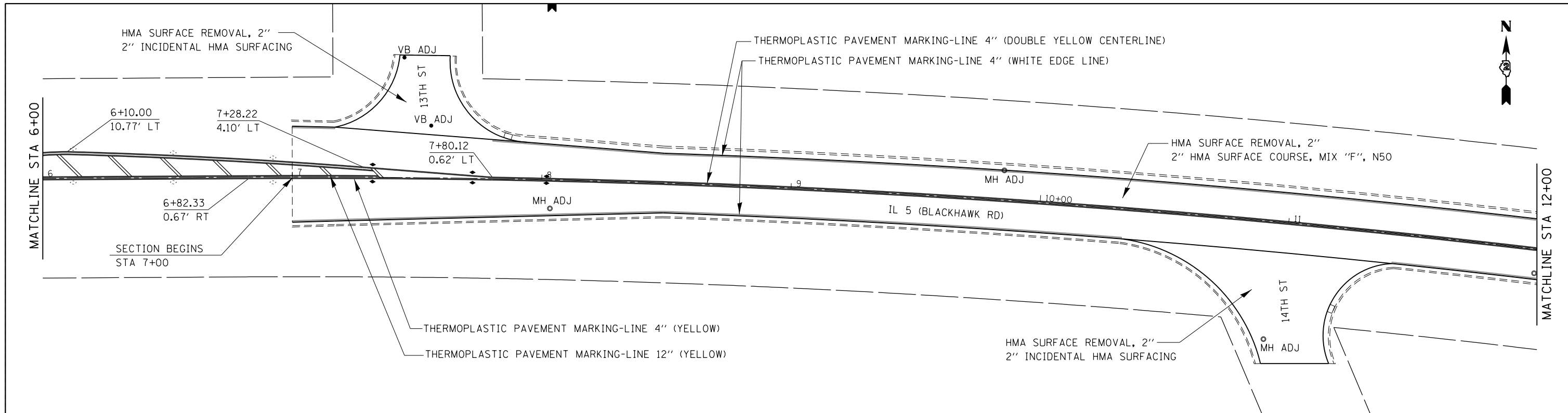
=====

Ending chain EX24TH description

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL AND VERTICAL CONTROL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	DRAWN -	REVISED -						595	(182)RS-4	ROCK ISLAND	48	24
		CHECKED -	REVISED -						CONTRACT NO. 64K01				
		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



FILE NAME = c:\pw\work\pwidot\grantpm\d0375091\020114-shit-pmk.dgn	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 5 (BLACKHAWK RD) PLAN AND STRIPING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					595	(18Z)RS-4	ROCK ISLAND	48	25
	PLOT DATE = Wed Oct 08 11:02:49 2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64K01				
ILLINOIS FED. AID PROJECT												

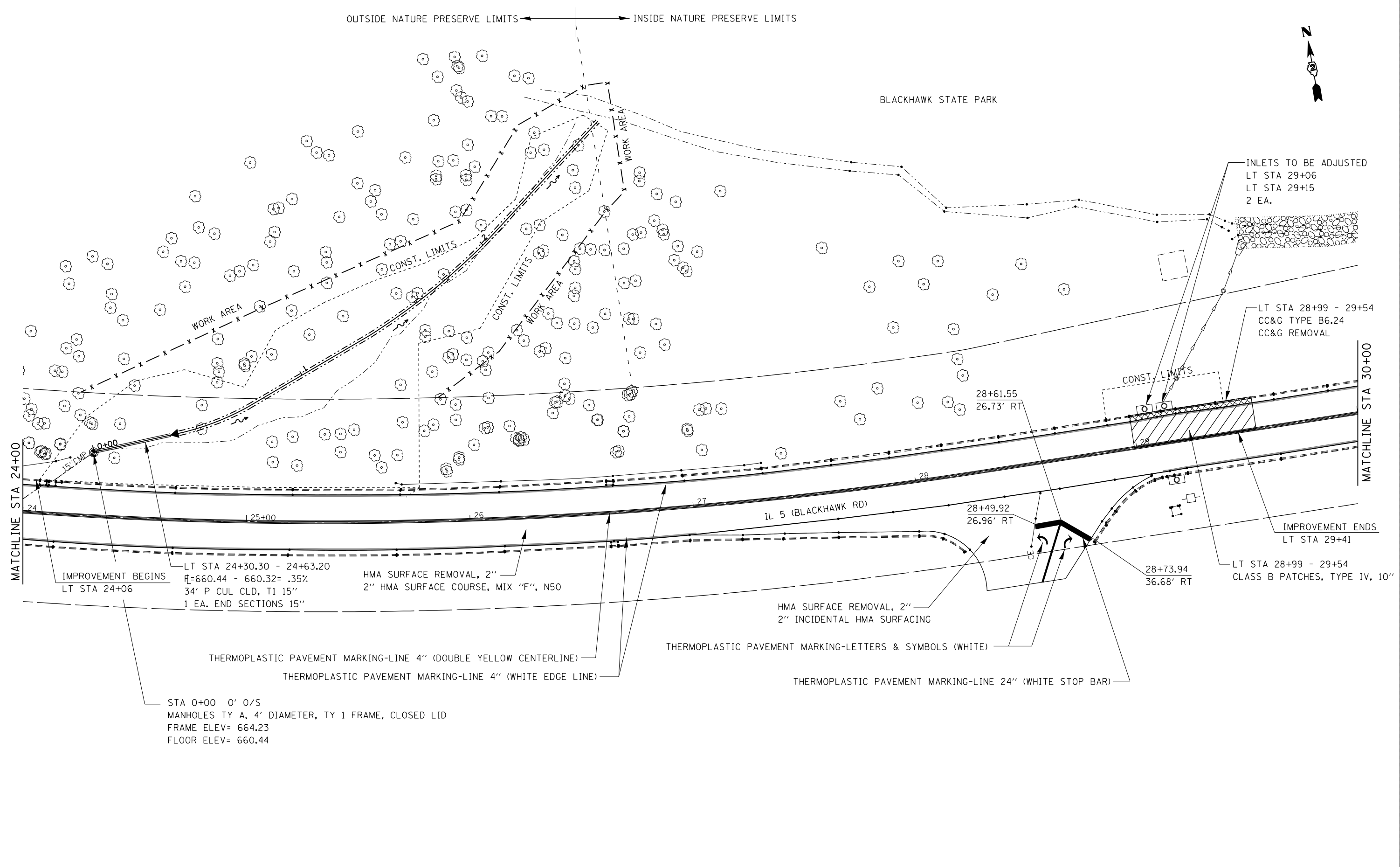


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 5 (BLACKHAWK RD) PLAN AND STRIPING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\work\pwork\grantpm\d0375091\020114-shit-pmk.dgn		DRAWN -	REVISED -					595	(18Z)RS-4	ROCK ISLAND	48	26
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -					CONTRACT NO. 64K01				
Default		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

OUTSIDE NATURE PRESERVE LIMITS ← → INSIDE NATURE PRESERVE LIMITS



BLACKHAWK STATE PARK



MATCHLINE STA 24+00

MATCHLINE STA 30+00

IMPROVEMENT BEGINS
LT STA 24+06
LT STA 24+30.30 - 24+63.20
E=660.44 - 660.32 = .35%
34' P CUL CLD, T1 15"
1 EA. END SECTIONS 15"

HMA SURFACE REMOVAL, 2"
2" HMA SURFACE COURSE, MIX "F", N50

HMA SURFACE REMOVAL, 2"
2" INCIDENTAL HMA SURFACING

IMPROVEMENT ENDS
LT STA 29+41
LT STA 28+99 - 29+54
CLASS B PATCHES, TYPE IV, 10"

STA 0+00 0' 0/S
MANHOLES TY A, 4' DIAMETER, TY 1 FRAME, CLOSED LID
FRAME ELEV= 664.23
FLOOR ELEV= 660.44

THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW CENTERLINE)
THERMOPLASTIC PAVEMENT MARKING-LINE 4" (WHITE EDGE LINE)

THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS (WHITE)

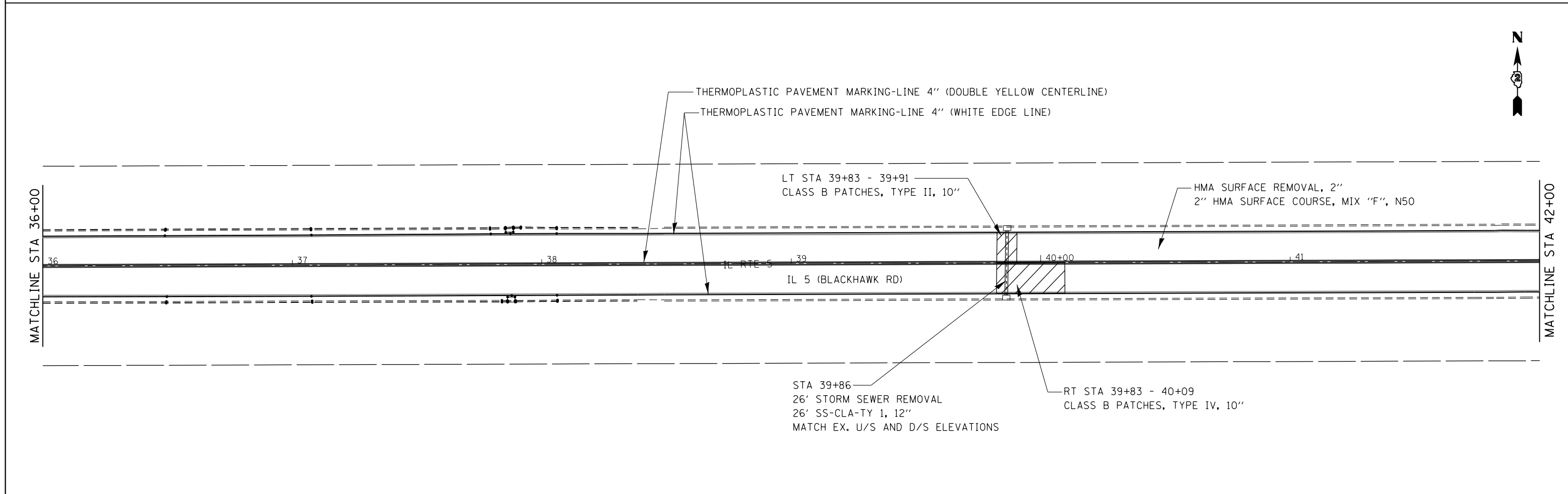
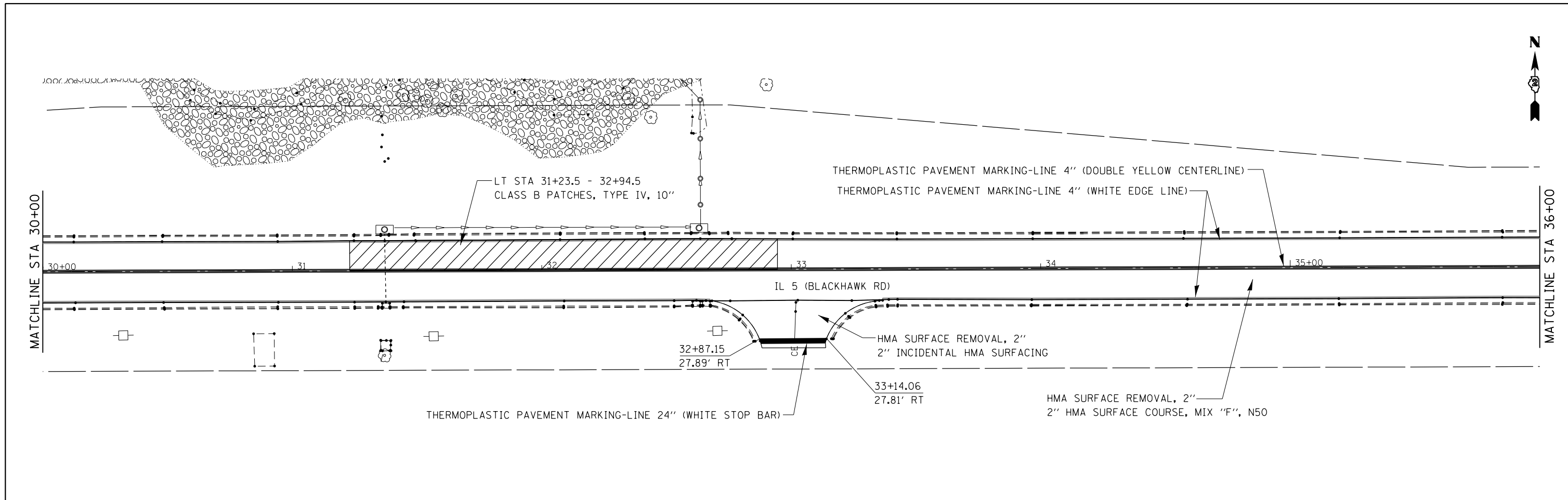
THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE STOP BAR)

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
ca:\pw\work\p\idot\grantpm\d0375091\020114-sh1-pmk.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = Tue Oct 07 10:46:19 2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 5 (BLACKHAWK RD) PLAN AND STRIPING SHEETS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18Z)RS-4	ROCK ISLAND	48	27
CONTRACT NO. 64K01			ILLINOIS FED. AID PROJECT	



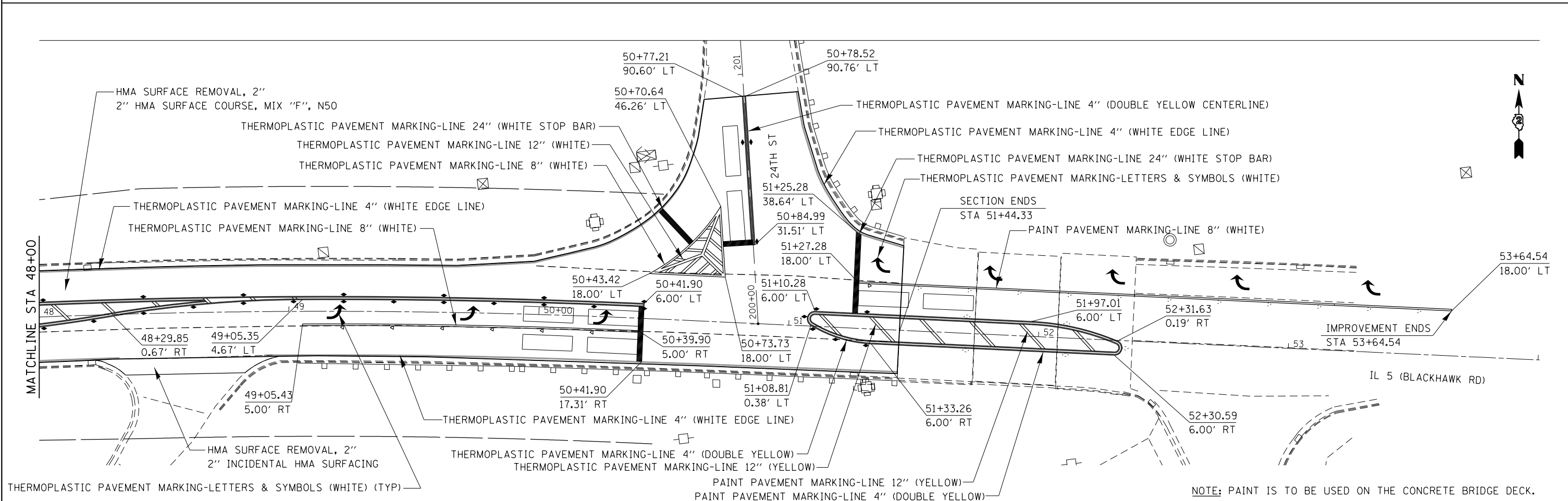
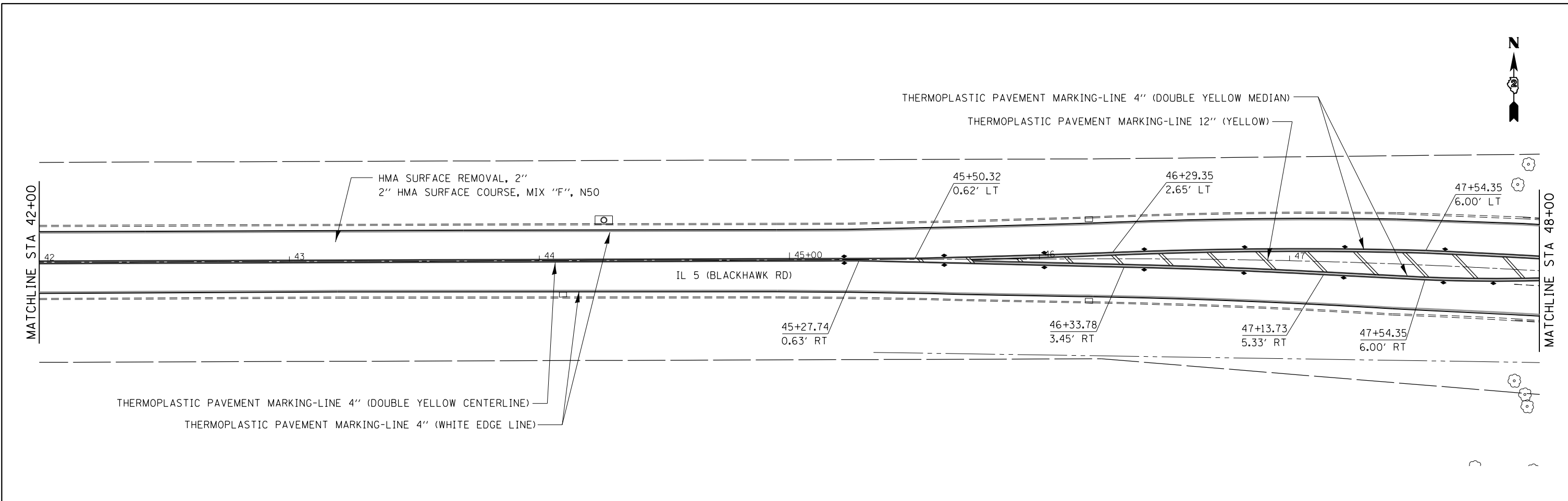
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 5 (BLACKHAWK RD)
PLAN AND STRIPING SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18Z)RS-4	ROCK ISLAND	48	28
CONTRACT NO. 64K01			ILLINOIS FED. AID PROJECT	

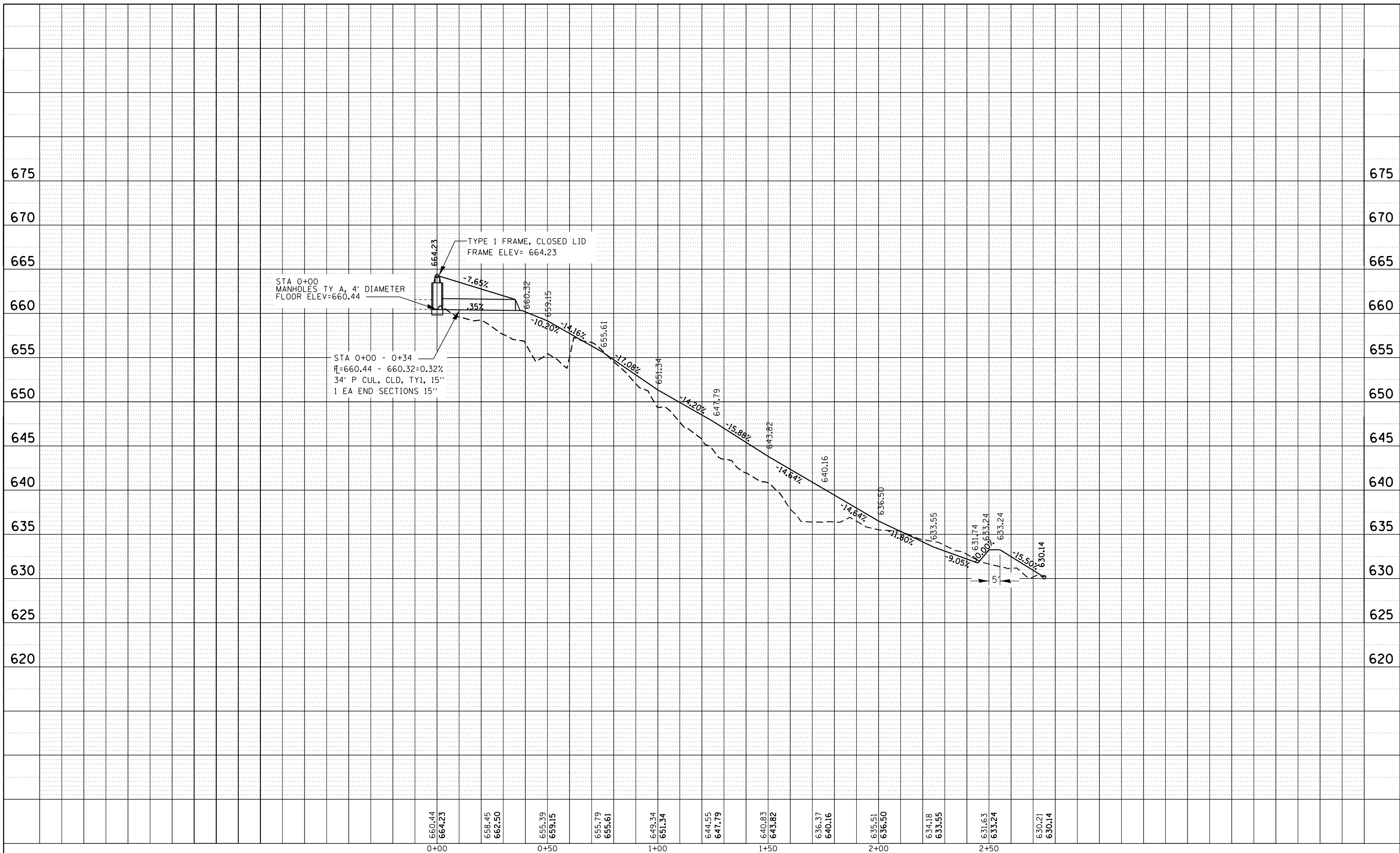


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 5 (BLACKHAWK RD) PLAN AND STRIPING SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\pwork\grantpm\d0375091\020114-sh1-pmk.dgn		DRAWN -	REVISED -					595	(182)RS-4	ROCK ISLAND	48	29
Default		CHECKED -	REVISED -					CONTRACT NO. 64K01			ILLINOIS FED. AID PROJECT	
	PLOT DATE = Tue Oct 07 14:53:22 2014	DATE -	REVISED -					SCALE:	SHEET	OF SHEETS	STA.	TO STA.

NOTE: PAINT IS TO BE USED ON THE CONCRETE BRIDGE DECK.

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



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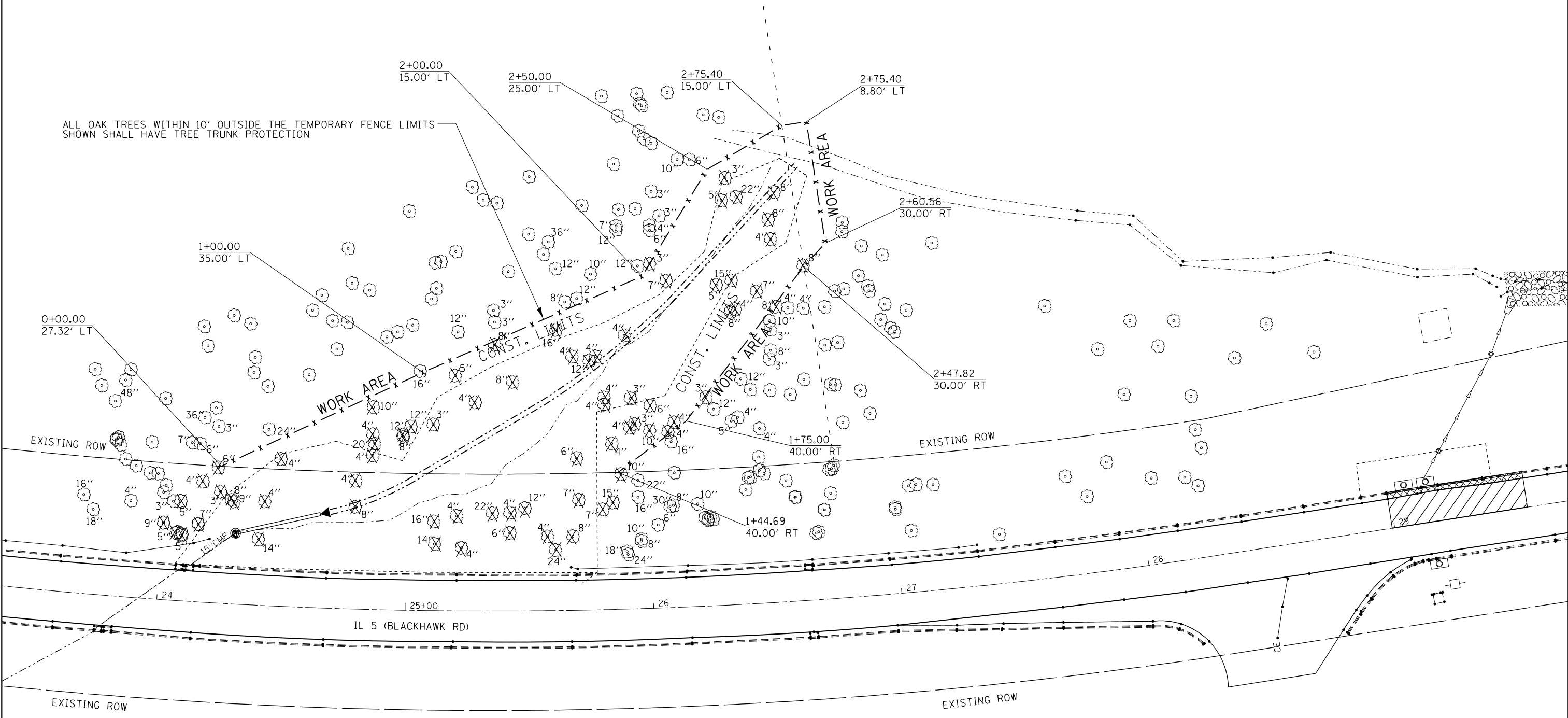
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILE OF DRAINAGE DITCH

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182)RS-4	ROCK ISLAND	48	30
CONTRACT NO. 64K01				
ILLINOIS FED. AID PROJECT				

TREE REMOVAL



- x - x - = TEMPORARY FENCE
 X = TREE REMOVAL

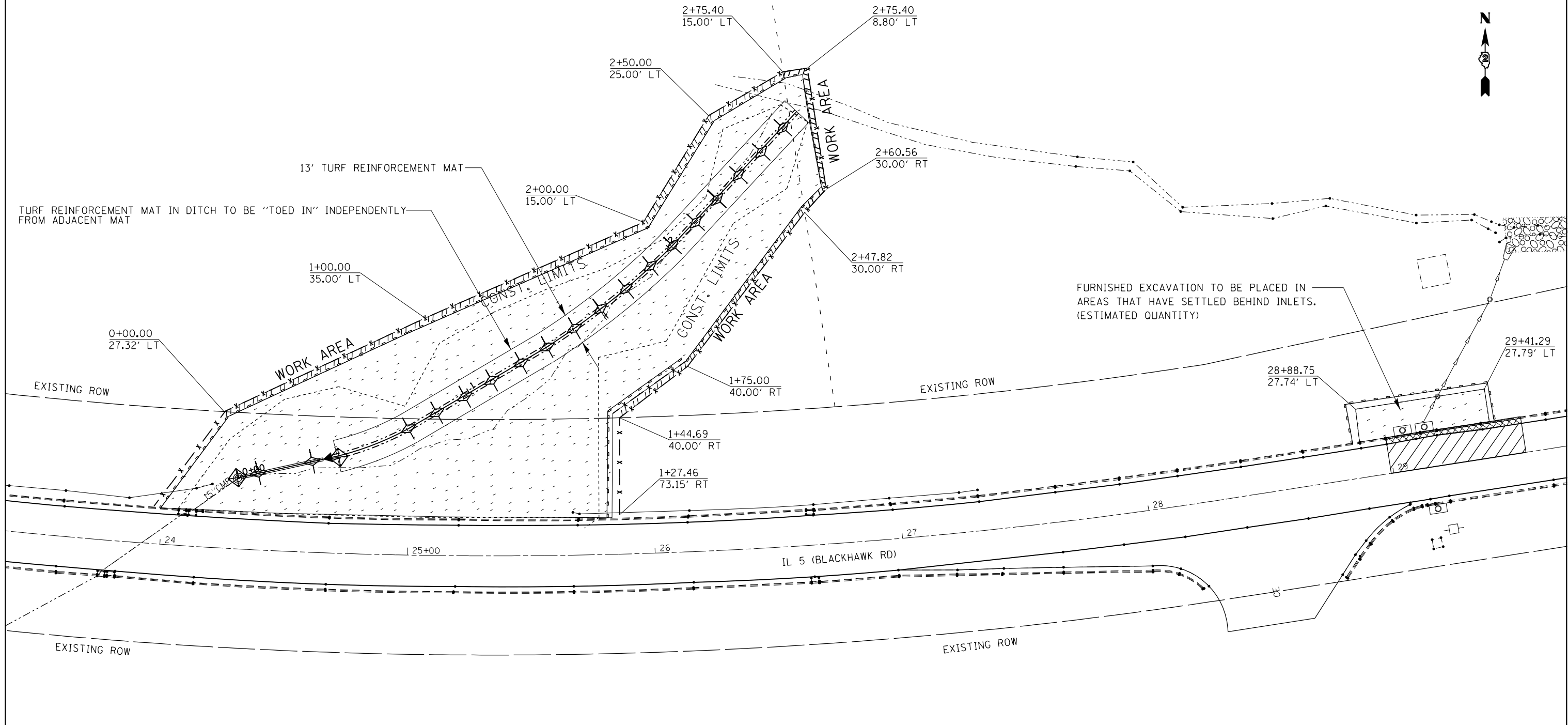
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Tue Oct 07 10:49:52 2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TREE REMOVAL				
SCALE:	SHEET	OF	SHEETS	STA.
				TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18Z)RS-4	ROCK ISLAND	48	31
CONTRACT NO. 64K01				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL AND SEEDING








FURNISHED EXCAVATION TO BE PLACED IN AREAS THAT HAVE SETTLED BEHIND INLETS. (ESTIMATED QUANTITY)

TURF REINFORCEMENT MAT IN DITCH TO BE "TOED IN" INDEPENDENTLY FROM ADJACENT MAT

NOTES:

1. TEMPORARY FENCE TO BE PLACED ON THE BOUNDARY LIMITS OF THE ENTIRE WORK AREA.
2. PERIMETER EROSION BARRIER TO BE PLACED 1' INSIDE OF TEMPORARY FENCE THROUGHOUT ENTIRE WORK AREA.
3. TEMPORARY DITCH CHECKS TO BE PLACED EVERY 13' DOWN CENTER OF DITCH (CHANNEL) STARTING FROM STA 0+72.
4. ALL DISTURBED AREAS WILL HAVE SEEDING, CLASS 4A (MODIFIED).
5. TOTAL WIDTH OF TURF REINFORCEMENT MAT IN DITCH = 13'. 7' ON THE 1:4 SLOPE AND 6' ON THE 1:3 SLOPE, BASED ON THE CENTER ON THE DITCH.

LEGEND

	SEEDING, CLASS 4A (MODIFIED) WITH TURF REINFORCEMENT MAT
	INLET PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY FENCE
	TEMPORARY DITCH CHECK

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
Default	ce:\pwork\pwork\grantpm\d0375091\020114-shit-eros.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Tue Oct 07 10:52:34 2014	DATE -	REVISED -

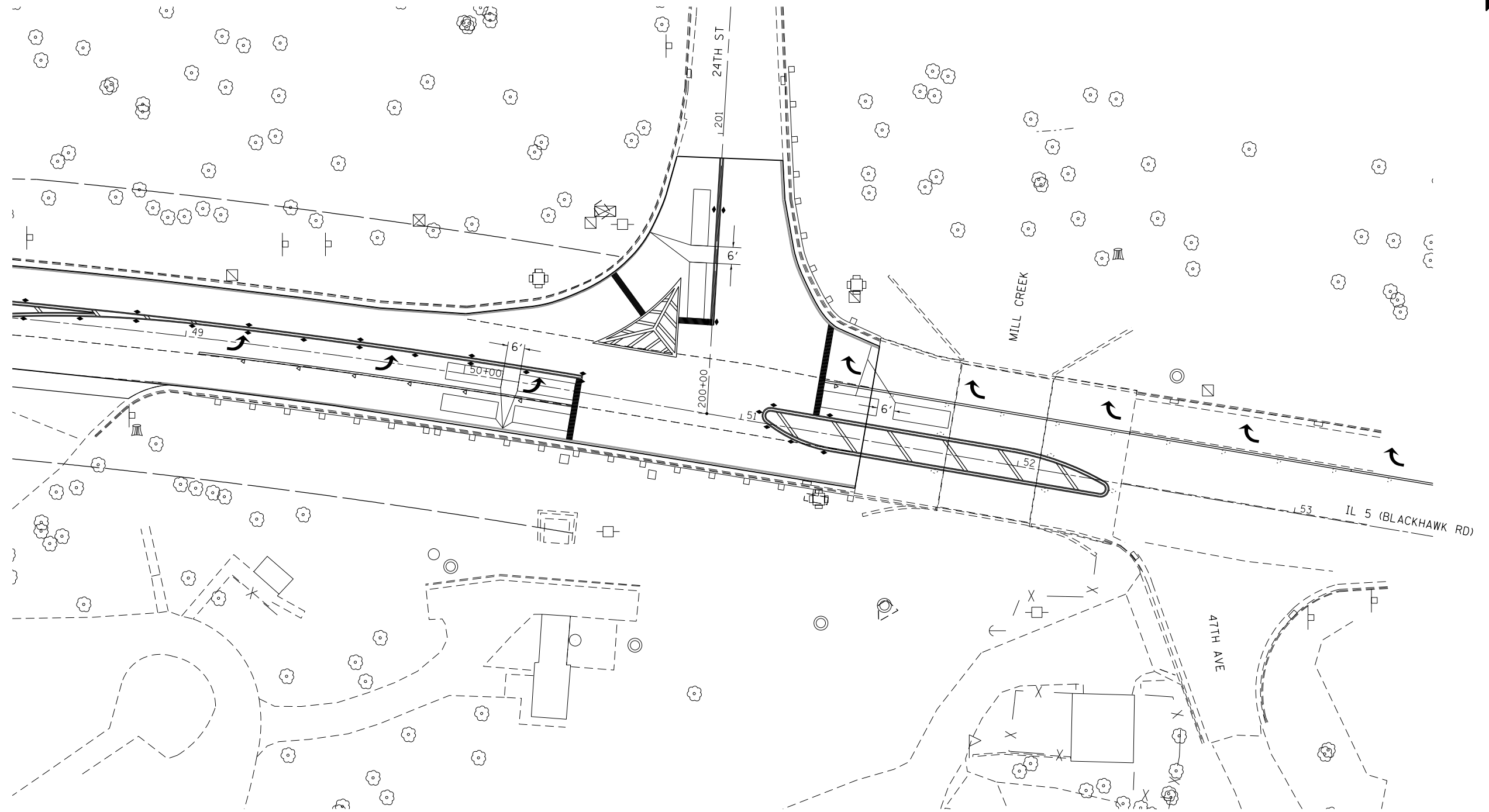
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL AND SEEDING
SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182)RS-4	ROCK ISLAND	48	32
CONTRACT NO. 64K01				
ILLINOIS FED. AID PROJECT				

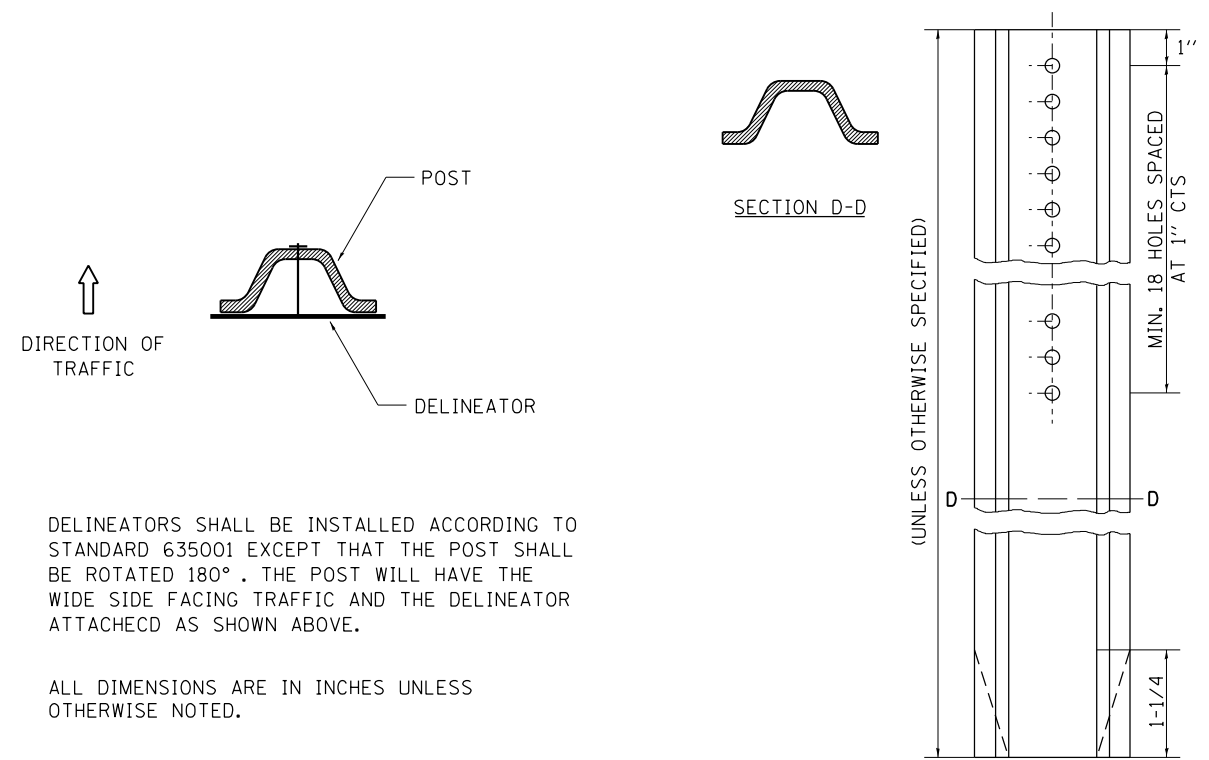
DETECTOR LOOP DETAIL



NOTE: ALL DETECTOR LOOPS ARE 6' X 20'

FILE NAME = c:\pwork\pwork\grants\g0375091\020114-shd-Details.dgn	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP DETAIL IL 5 /24TH ST INTERSECTION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	595	(182)RS-4	ROCK ISLAND	48	33
	PLOT DATE = Tue Oct 07 10:53:27 2014	CHECKED -	REVISED -						CONTRACT NO. 64K01							
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT							

DELINEATOR AND POST ORIENTATION



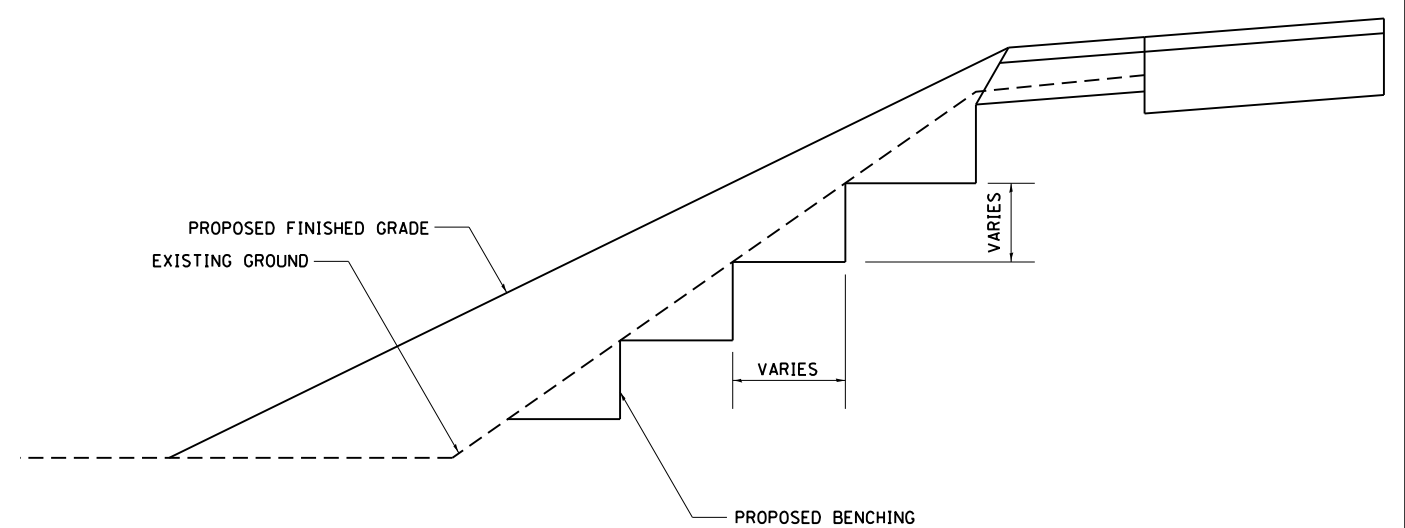
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

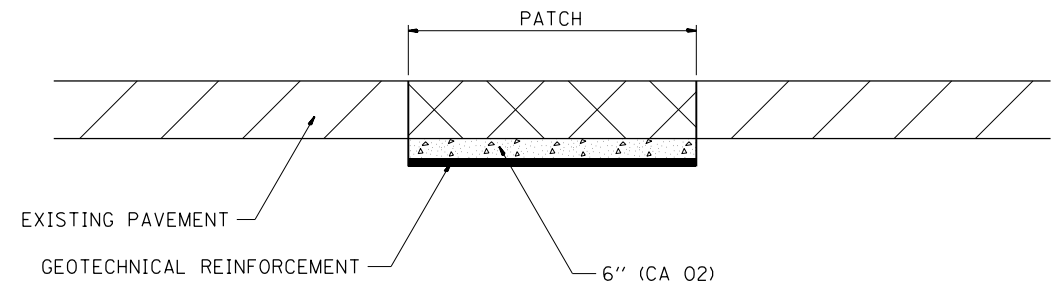
TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

SUBGRADE REPLACEMENT



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

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

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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

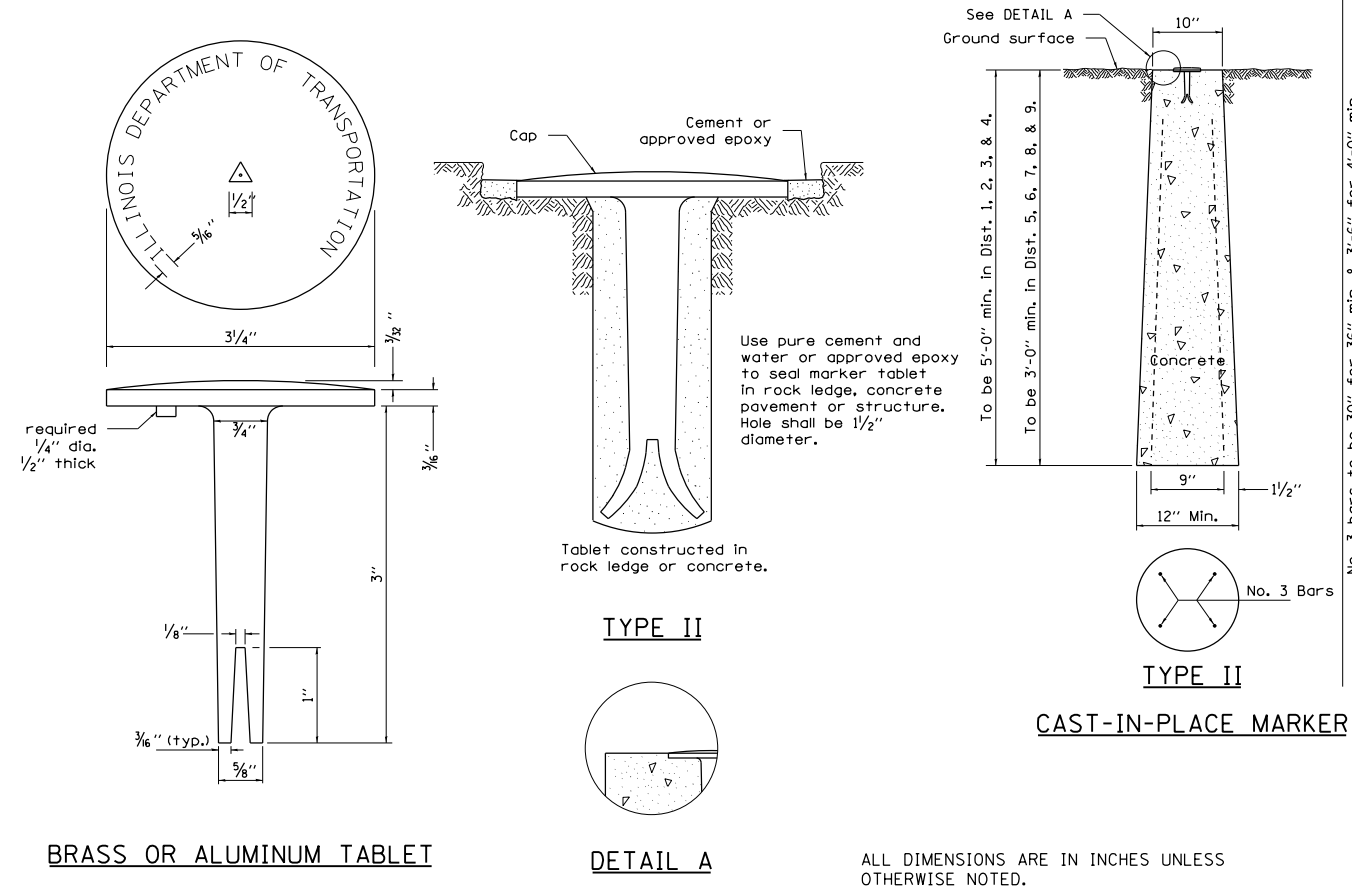
REVISED - 3-13-13

SUBGRADE REPLACEMENT 97.4

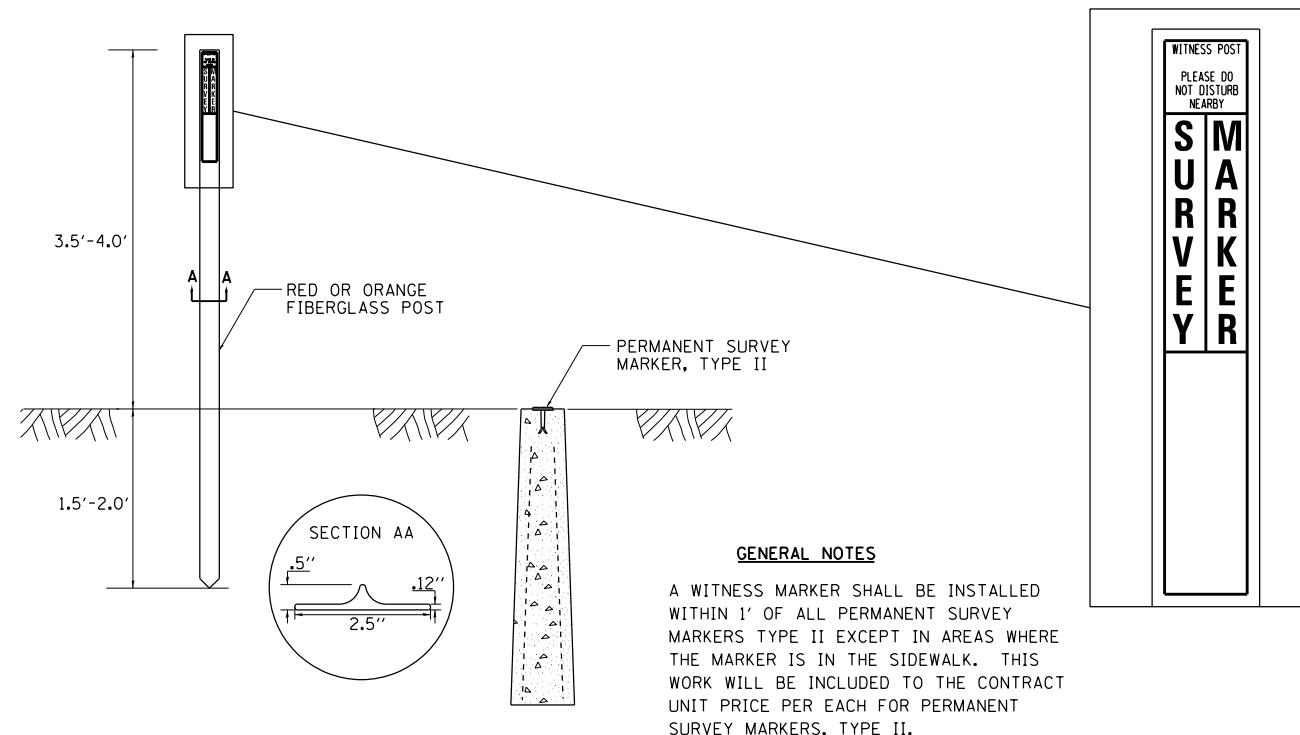
PLOT DATE = Tue Oct 07 10:53:41 2014

REVISED -	REGION 2 / DISTRICT 2 STANDARD SCALE: 40,000' / 1" SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		595	(18Z)RS-4	ROCK ISLAND	48	34	
REVISED -						CONTRACT NO. 64K01	
REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
REVISED -							

PERMANENT SURVEY MARKERS, TYPE II



WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107
SIGN PANEL TYPE 1



COLOR: LEGEND AND BORDER - BLACK NON-REFLECTIVE
BACKGROUND - ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
	48x48	7C	7C			

ALL DIMENSIONS IN INCHES.

GENERAL NOTES

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS
METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCLUDED TO THE COST OF THE INSTALLATION.

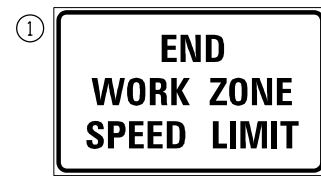
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-14-11	REVISED - 10-14-11	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -	REVISED -	SCALE: 40,0000' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.	595	(182)RS-4	ROCK ISLAND	48	35
REVISED -	REVISED -					CONTRACT NO. 64K01		ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 1

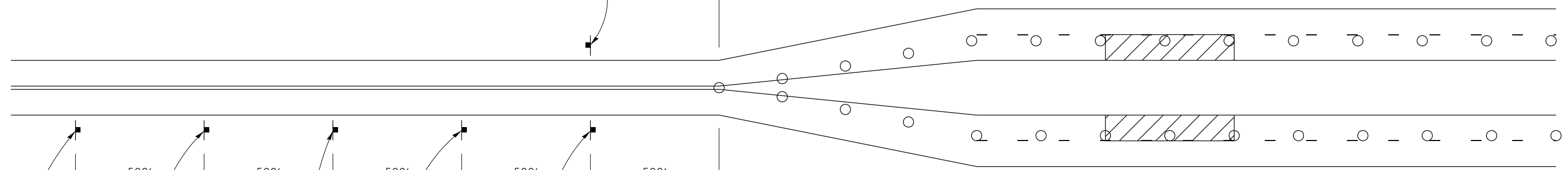
SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



G20-1103(0)-3660

DRUMS OR BARRICADES
@ 50' CENTERS

L(2)



500'

500'

500'

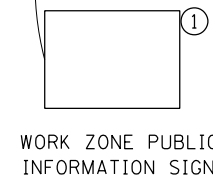
500'

500'

DRUMS OR BARRICADES
@ 50' CENTERS

L(2)

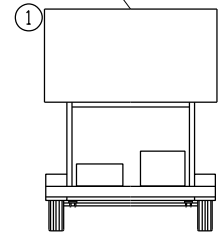
SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



WORK ZONE PUBLIC
INFORMATION SIGN



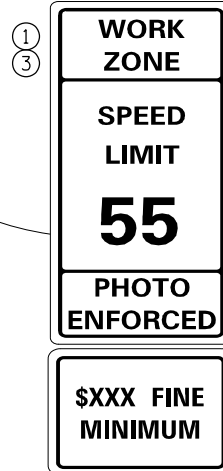
W20-1(0)-48



PORTABLE CHANGEABLE
MESSAGE SIGN



* W1-4R



W2-1115(0)-3618

R2-1-3648

R10-19aP-3618

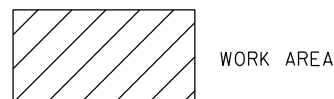
R2-1106-3618

GENERAL NOTES
THIS DETAIL IS TO BE USED IN CONJUNCTION
WITH THE APPLICABLE MULTILANE TRAFFIC
CONTROL AND PROTECTION STANDARD.

1. If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED
IN THE COST OF SPECIFIED TRAFFIC CONTROL
STANDARDS OR ITEMS.

○ DRUMS OR BARRICADES



WORK AREA

NOTE: STANDARDS 701301 AND 701306
SHALL NOT BE USED WITHIN 500 FEET
OF THE TRANSITION.

* DEPENDS ON GEOMETRICS
OF THE TRANSITION. MAY
SWITCH THE "STAY IN YOUR
LANE" AND "WEAVE SIGNS"

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 8-27-13
ca:\pw\work\pwidot\grantpm\d0375091\020114-shit-Details.dgn		DRAWN -	REVISED - 1-16-13
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

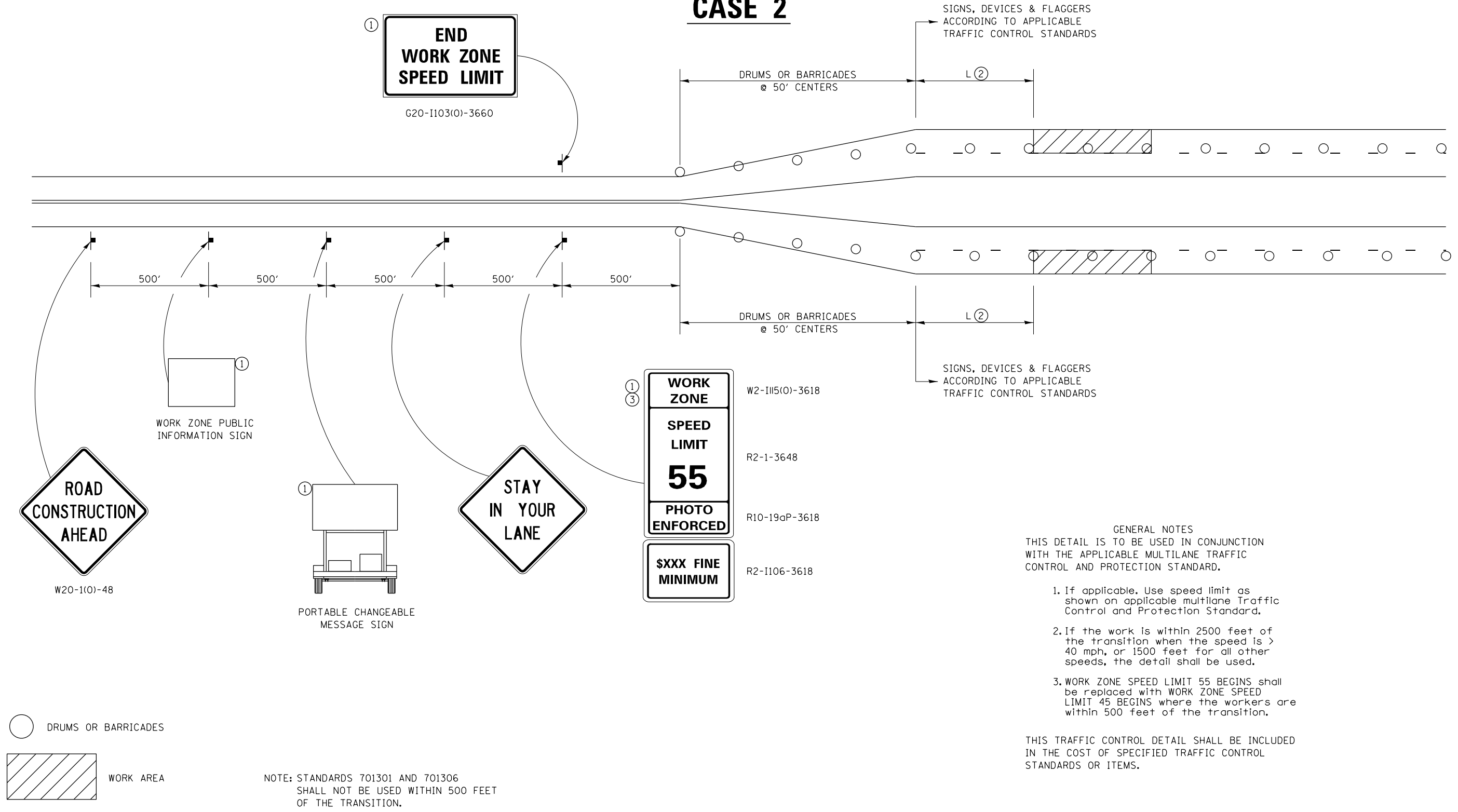
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18Z)RS-4	ROCK ISLAND	48	36
CONTRACT NO. 64K01				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 2



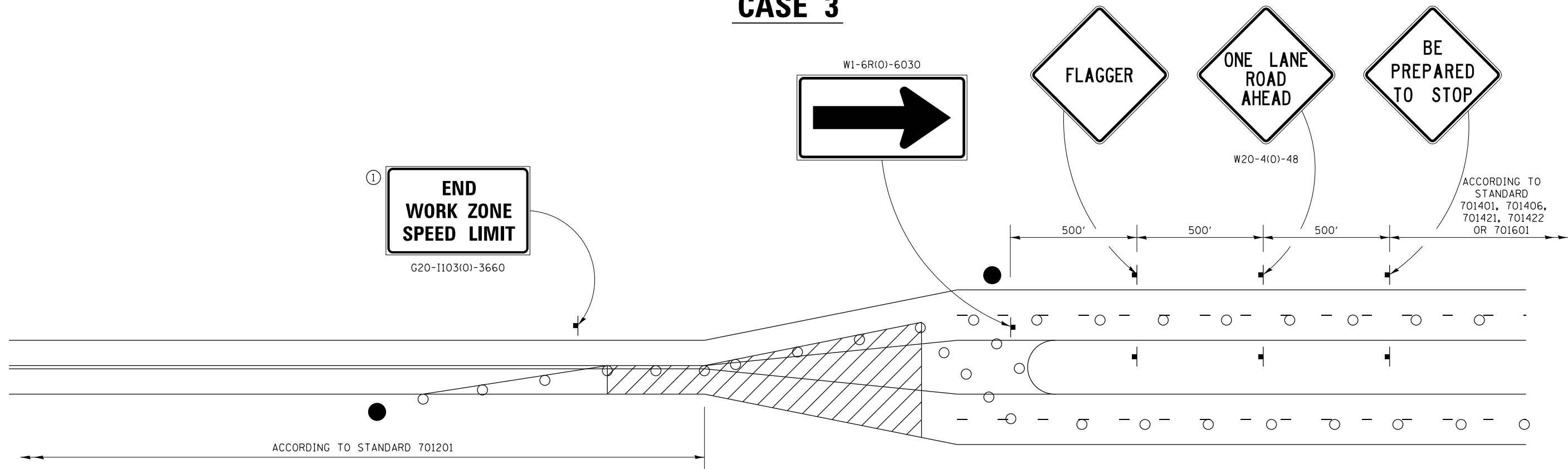
- GENERAL NOTES**
- THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.
1. If applicable, use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
 2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
 3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pw_work\pwidot\grantpm\d0375091\020114-sht-Details.dgn						DRAWN -	REVISED - 1-16-13	595	(18Z)RS-4	ROCK ISLAND	48	37
PLOT SCALE = 42,2834' / in.						CHECKED -	REVISED -	CONTRACT NO. 64K01				
PLOT DATE = Tue Oct 07 10:54:23 2014						DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 3



GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

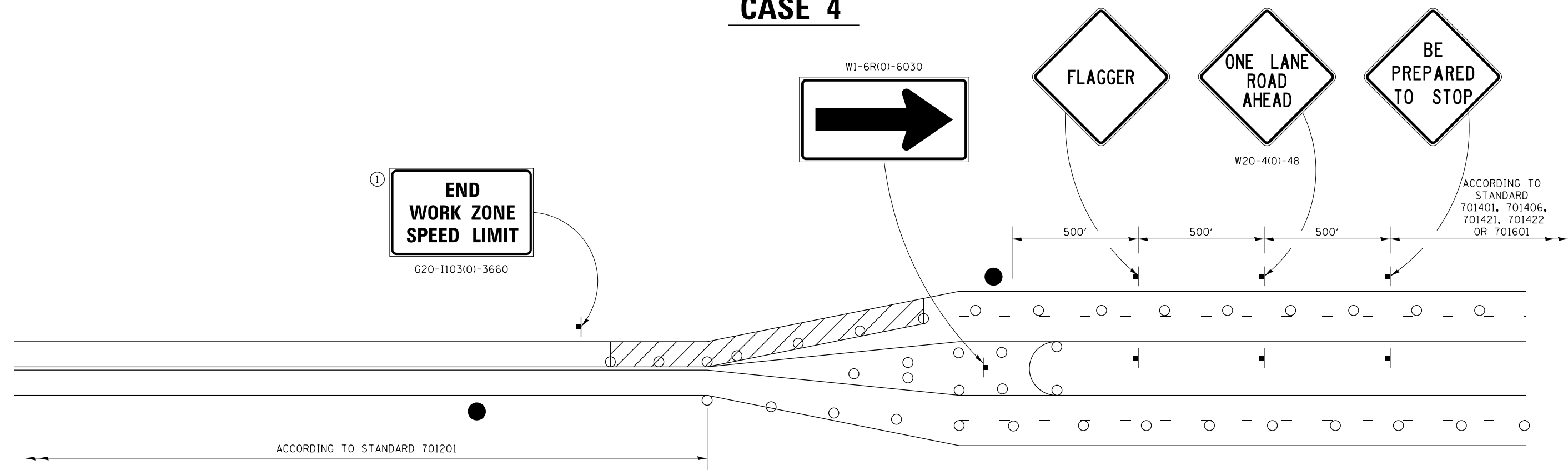
NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES
- WORK AREA

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pw_work\pwidot\grantpm\d0375091\020114-sht-Details.dgn	DRAWN -	REVISED - 3-05-12	595			(18Z)RS-4	ROCK ISLAND	48	38	
PLOT SCALE = 42,2834 ' / in.	CHECKED -	REVISED -	CONTRACT NO. 64K01							
PLOT DATE = Tue Oct 07 10:54:36 2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 4



GENERAL NOTES
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

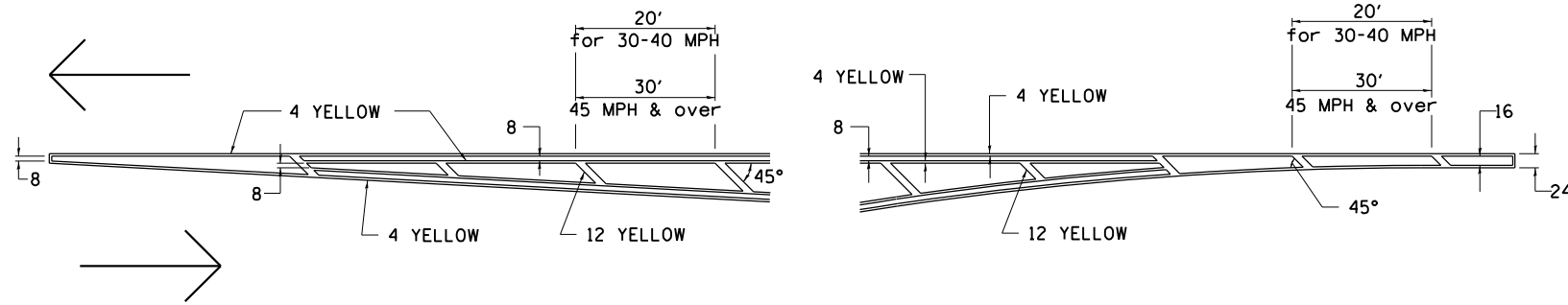
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

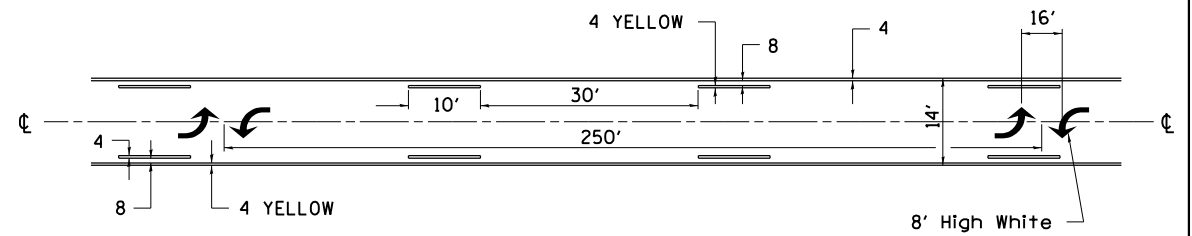
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pw_work\pwidot\grantpm\d0375091\020114-sht-Details.dgn						DRAWN -	REVISED - 3-05-12	595	(18Z)RS-4	ROCK ISLAND	48	39
PLOT SCALE = 42,2834' / in.						CHECKED -	REVISED -	CONTRACT NO. 64K01				
PLOT DATE = Tue Oct 07 10:54:49 2014						DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

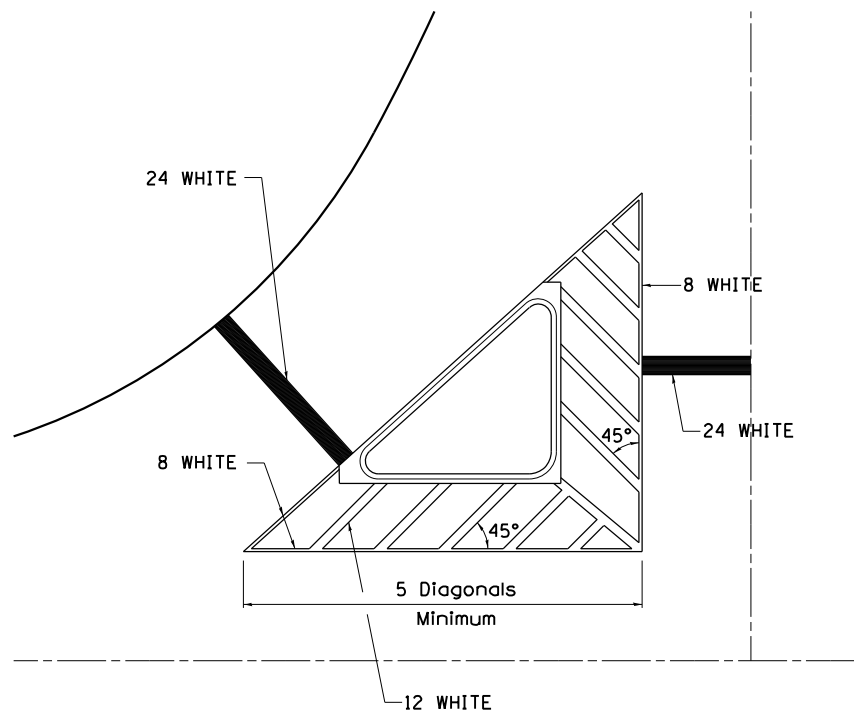


MEDIAN PAVEMENT MARKING



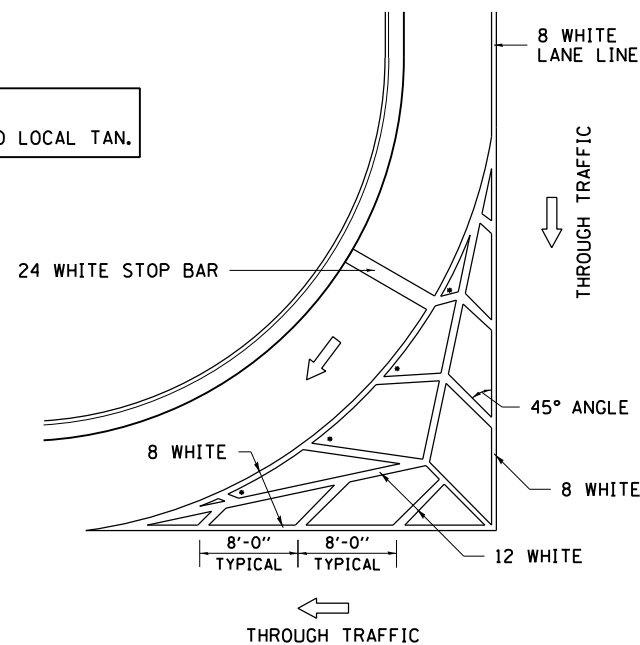
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



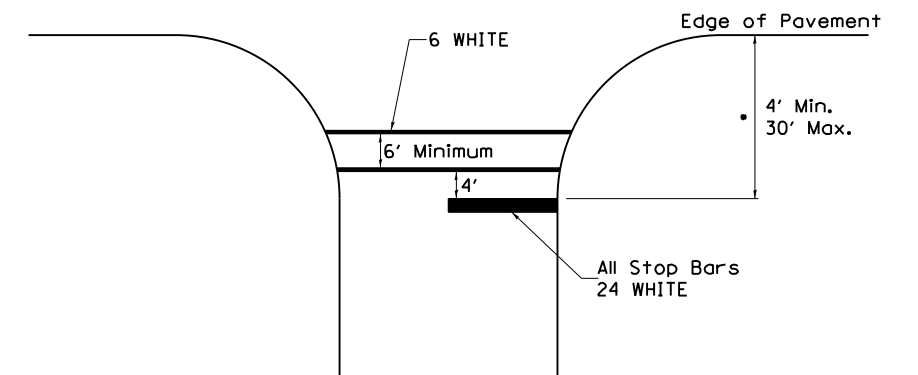
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

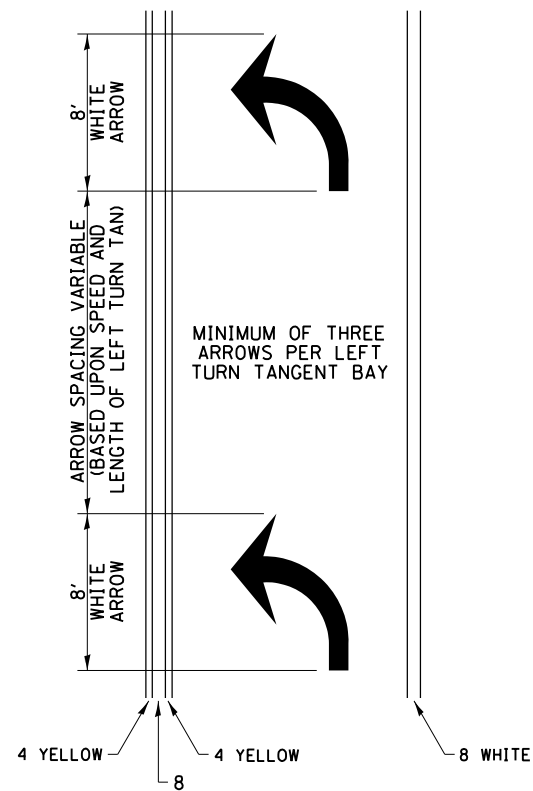


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pw_work\pwidot\grantpm\d0375091\020114-sht-Details.dgn	14-sht-Details.dgn	DRAWN -	REVISED - 3-05-12					595	(18Z)RS-4	ROCK ISLAND	48	40
PLOT SCALE = 42,2834' / in.		CHECKED -	REVISED -		CONTRACT NO. 64K01			ILLINOIS FED. AID PROJECT				
PLOT DATE = Tue Oct 07 10:55:01 2014		DATE -	REVISED -									

TYPICAL PAVEMENT MARKINGS

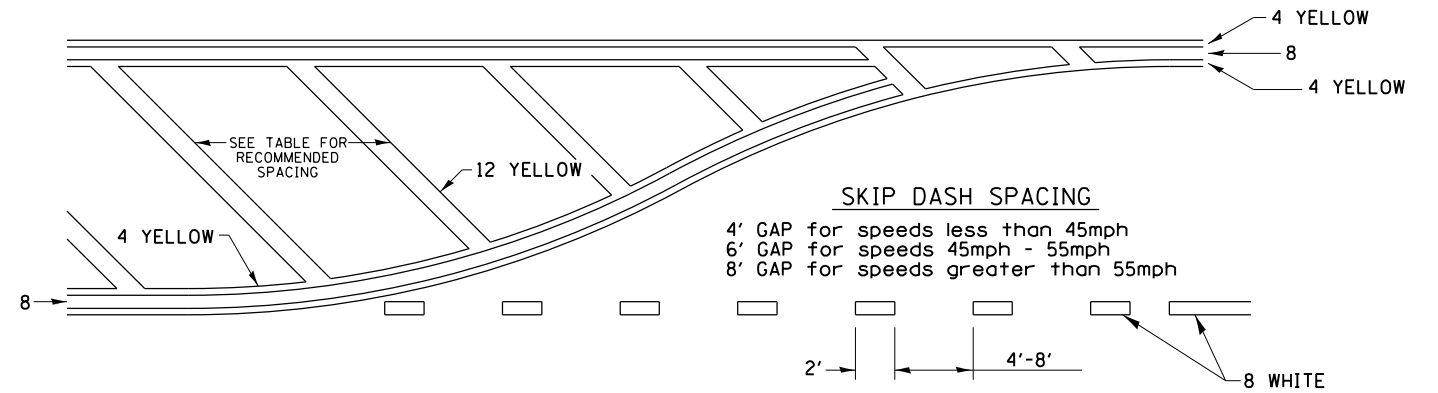
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

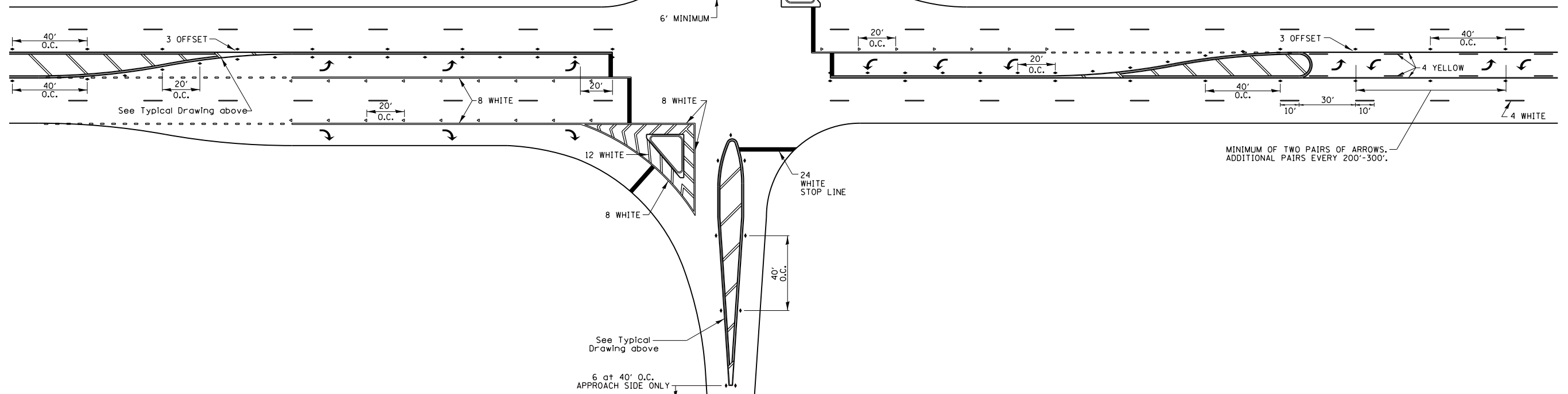
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

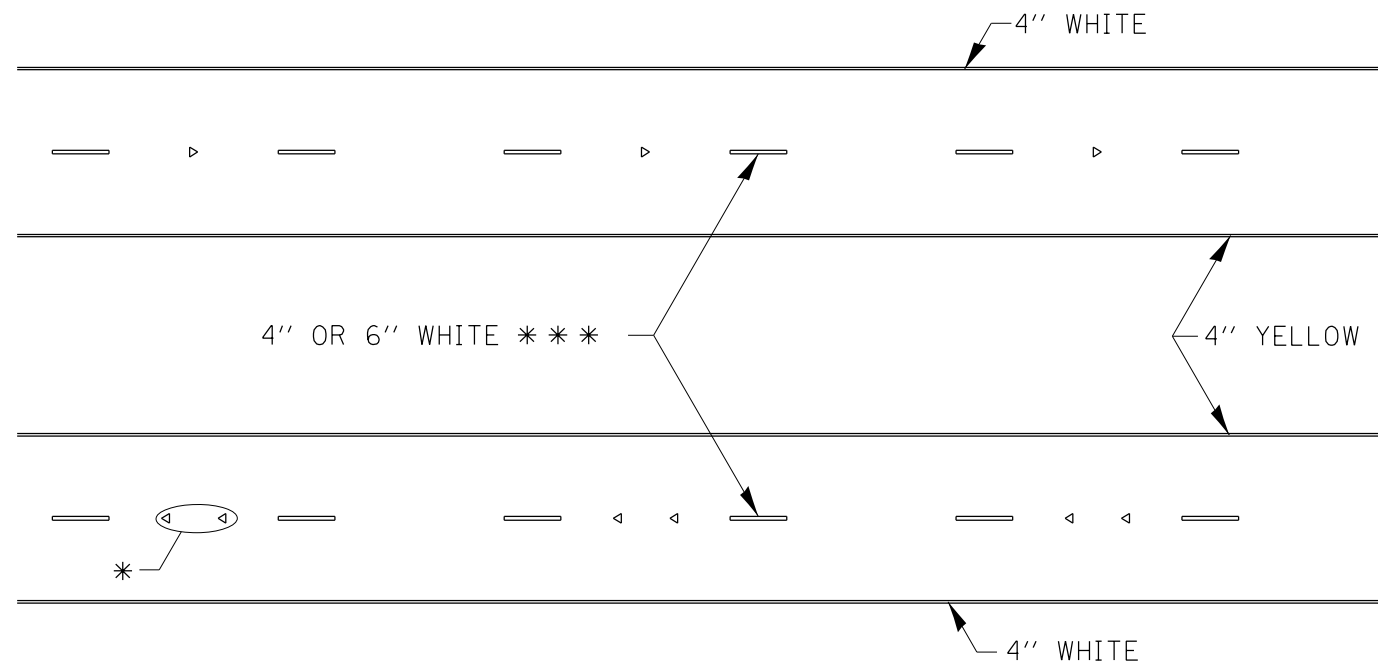
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

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



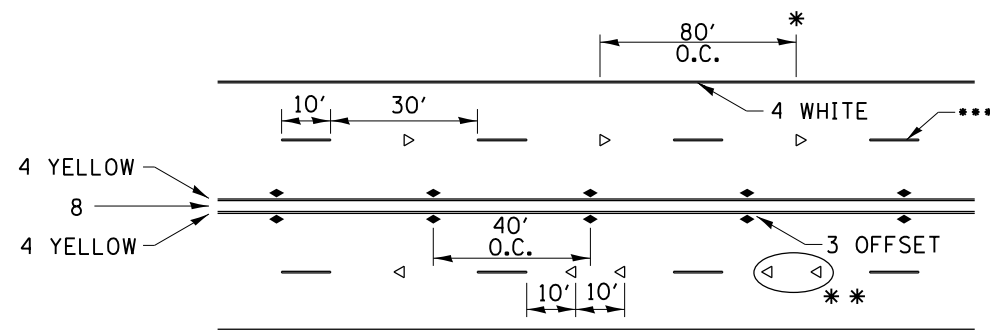
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pw_work\pwidot\grantpm\0375091\020114-sht-Details.dgn	DRAWN -	REVISED - 3-05-12	595					(18Z)RS-4	ROCK ISLAND	48	41	
PLOT SCALE = 42,2834' / in.	CHECKED -	REVISED -	CONTRACT NO. 64K01									
PLOT DATE = Tue Oct 07 10:55:15 2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
SCALE:		SHEET NO. OF SHEETS STA. TO STA.		TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1								

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED



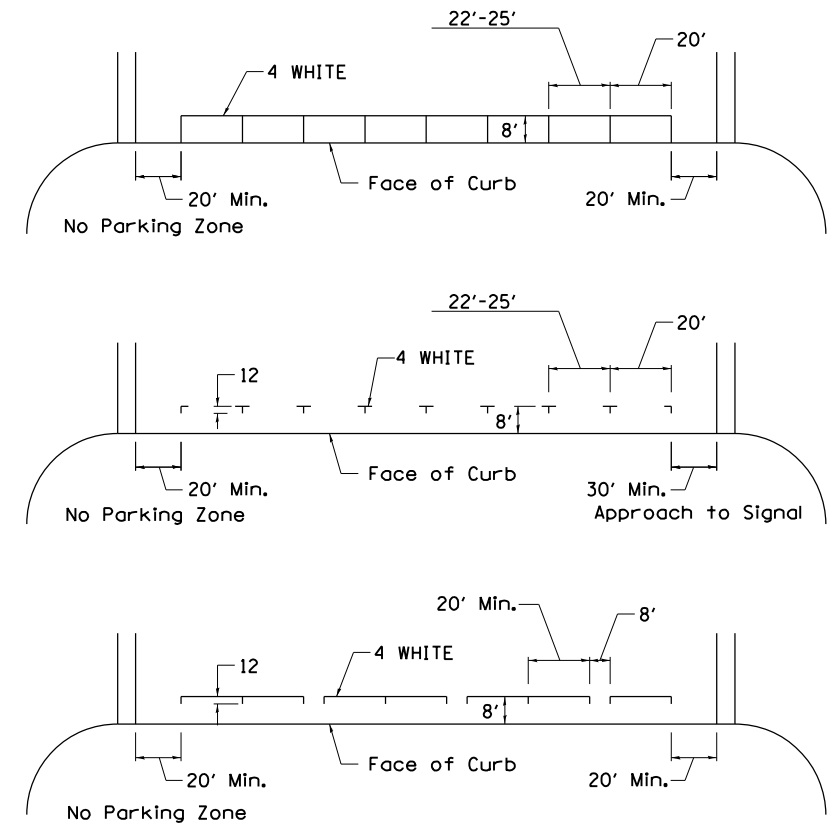
SYMBOLS

- 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.

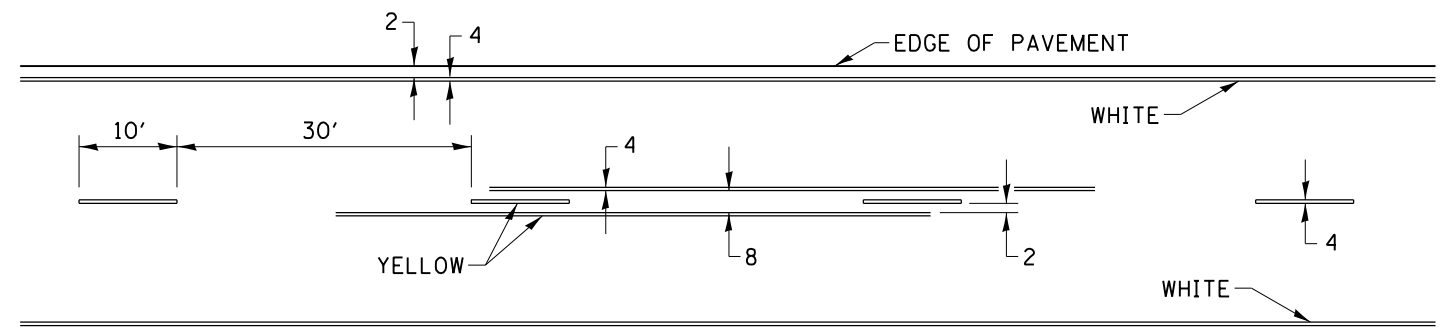
MULTI-LANE / UNDIVIDED & ONE WAY

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

TYPICAL PARKING SPACING

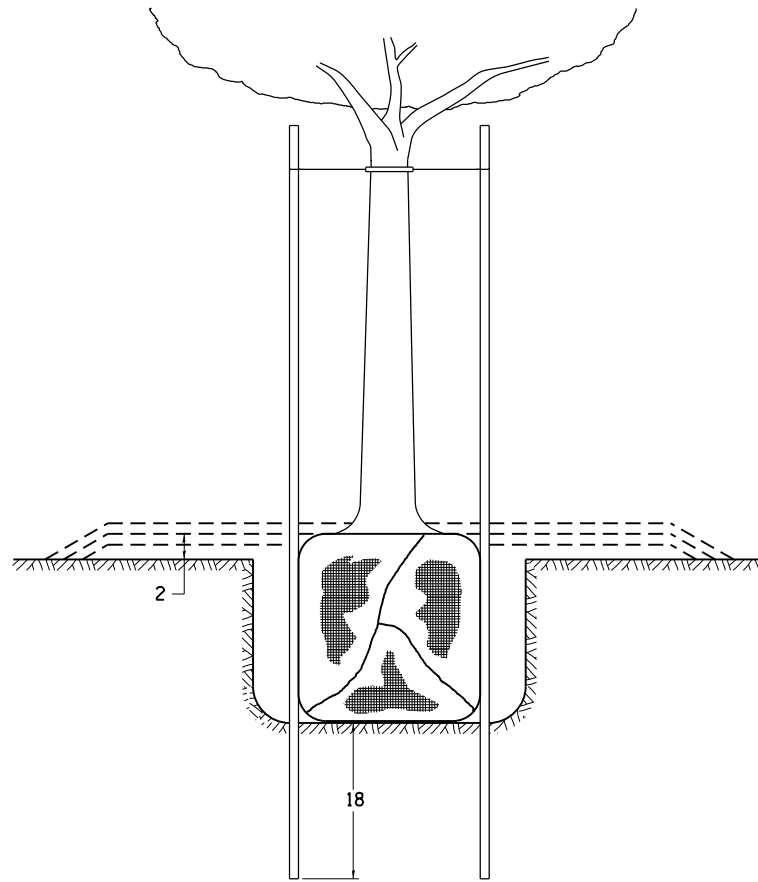


TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES

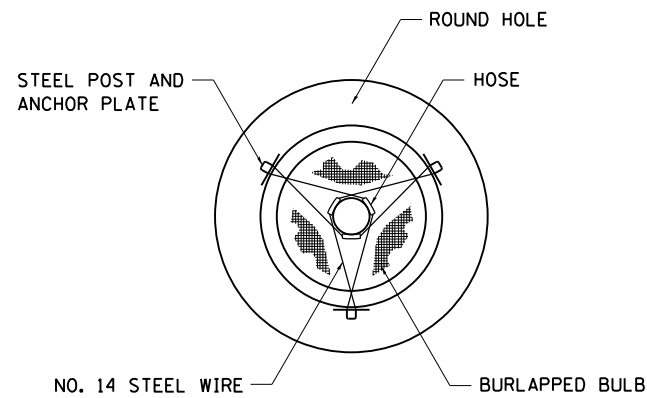


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pw_work\pwidot\grantpm\d0375091\020114-shr-Details.dgn	DRAWN -	REVISED - 8-27-13	595					(18Z)RS-4	ROCK ISLAND	48	42	
PLOT SCALE = 42,2834' / in.	CHECKED -	REVISED - 11-28-12	CONTRACT NO. 64K01			ILLINOIS FED. AID PROJECT						
PLOT DATE = Tue Oct 07 18:55:32 2014	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.				

DETAILS OF PLANTING AND BRACING TREES

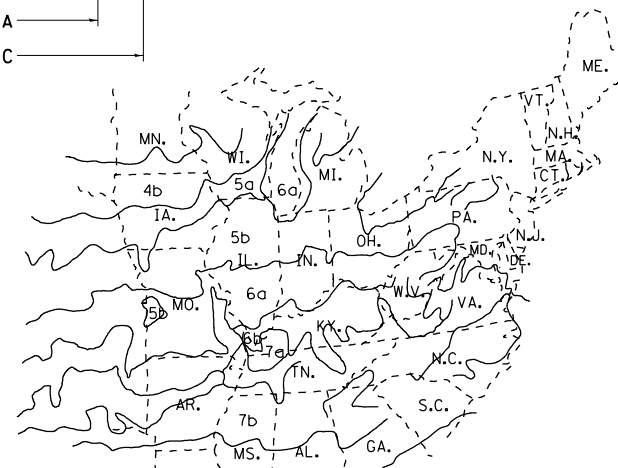
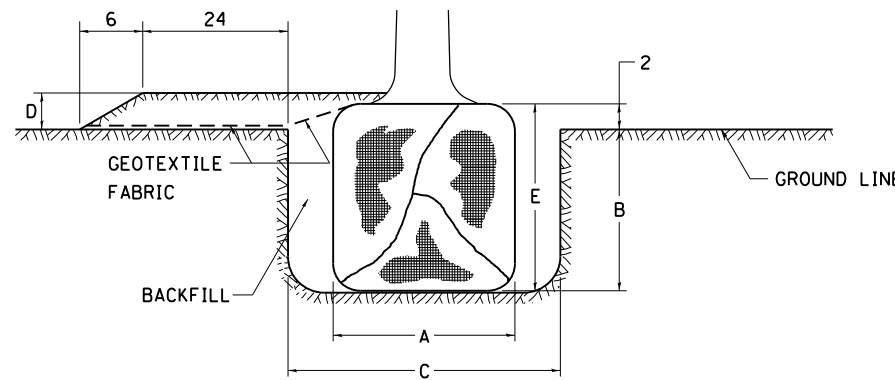


TREES SMALLER THAN 4 1/2 IN DIAMETER



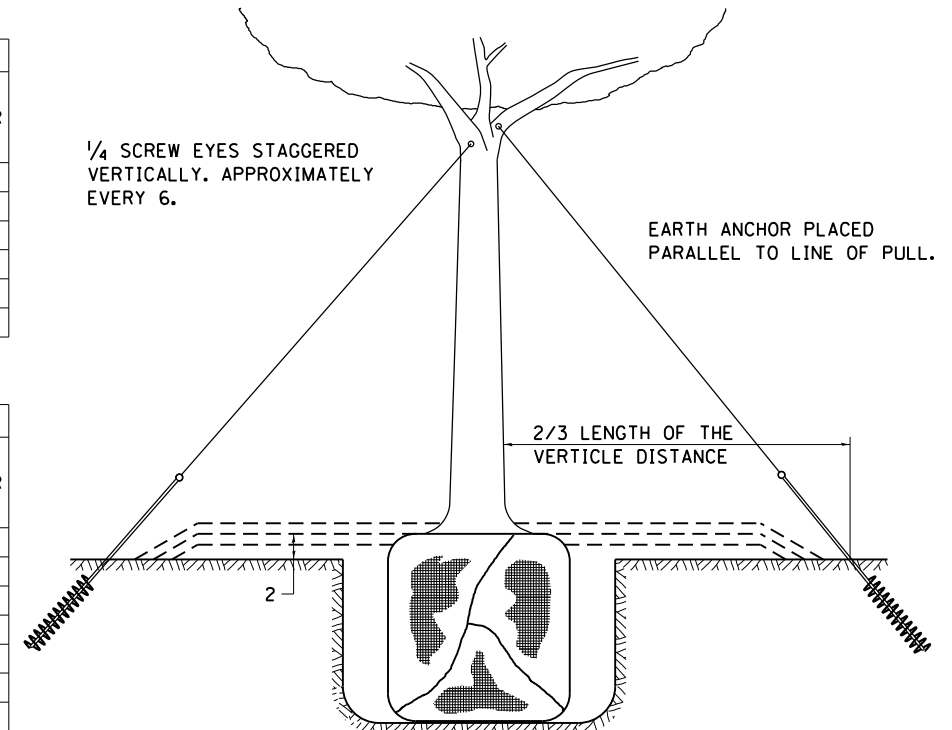
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10'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

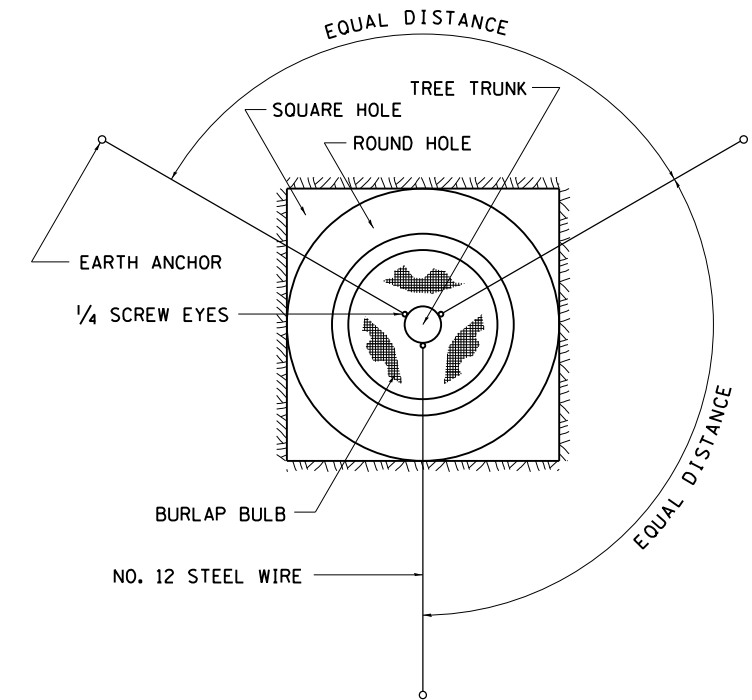


PLANT HARDINESS ZONE MAP

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



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 10-18-11
c:\pw_work\pwidot\grantpm\0375091\020114-sht-Details.dgn		DRAWN -	REVISED -
PLOT SCALE = 42,2834' / in.		CHECKED -	REVISED -
PLOT DATE = Tue Oct 07 10:55:44 2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

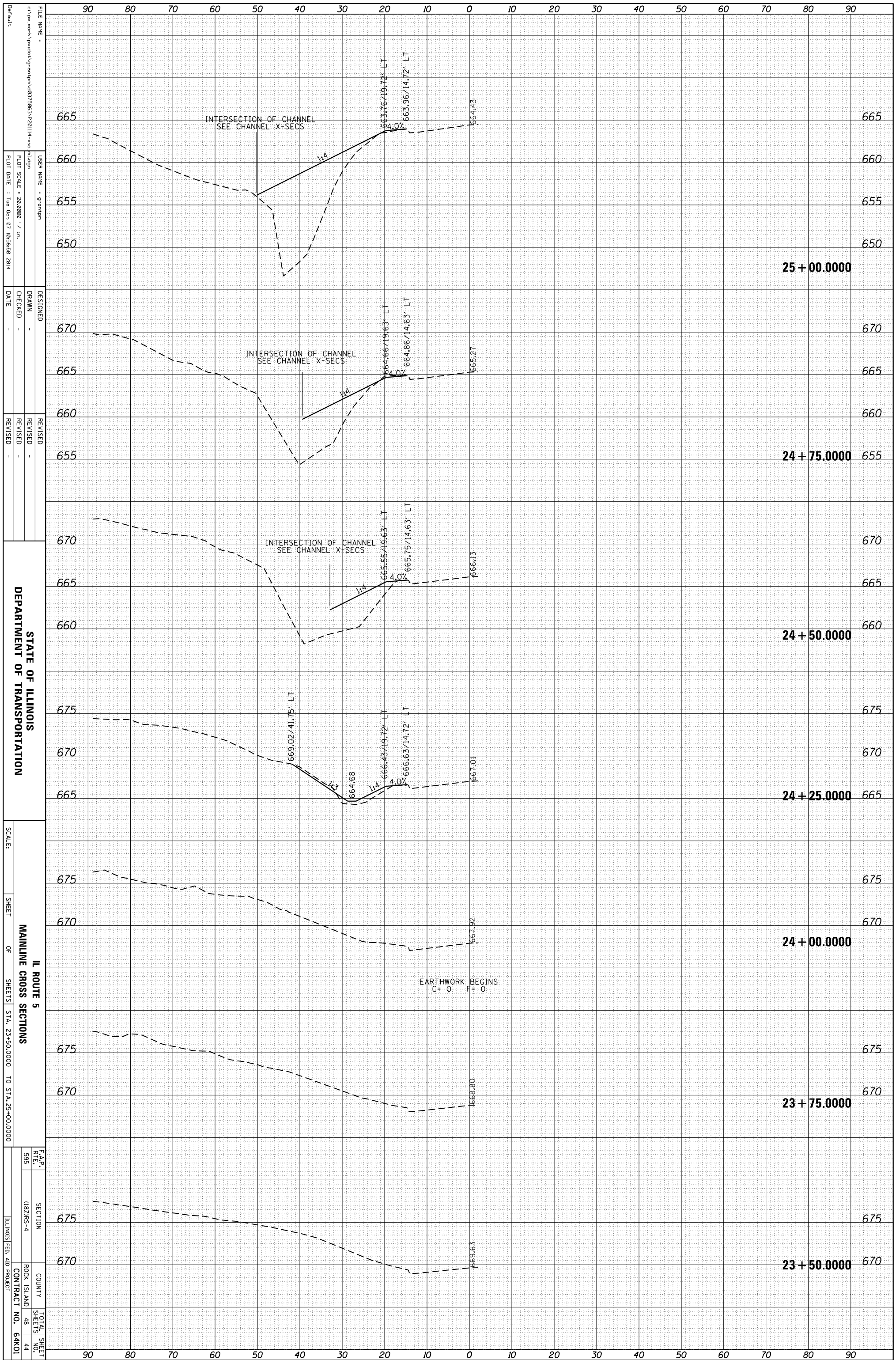
REGION 2 / DISTRICT 2 STANDARD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18Z)RS-4	ROCK ISLAND	48	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K01	

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME =
 USER NAME =
 PLOT SCALE = 28,000 / in.
 PLOT DATE = Tue Oct 07 10:56:50 2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:
 SHEET OF SHEETS STA. 23+50.0000 TO STA. 25+00.0000

IL ROUTE 5
 MAINLINE CROSS SECTIONS

F.A.P.
 R.T.E.
 595

SECTION (182)MS-4

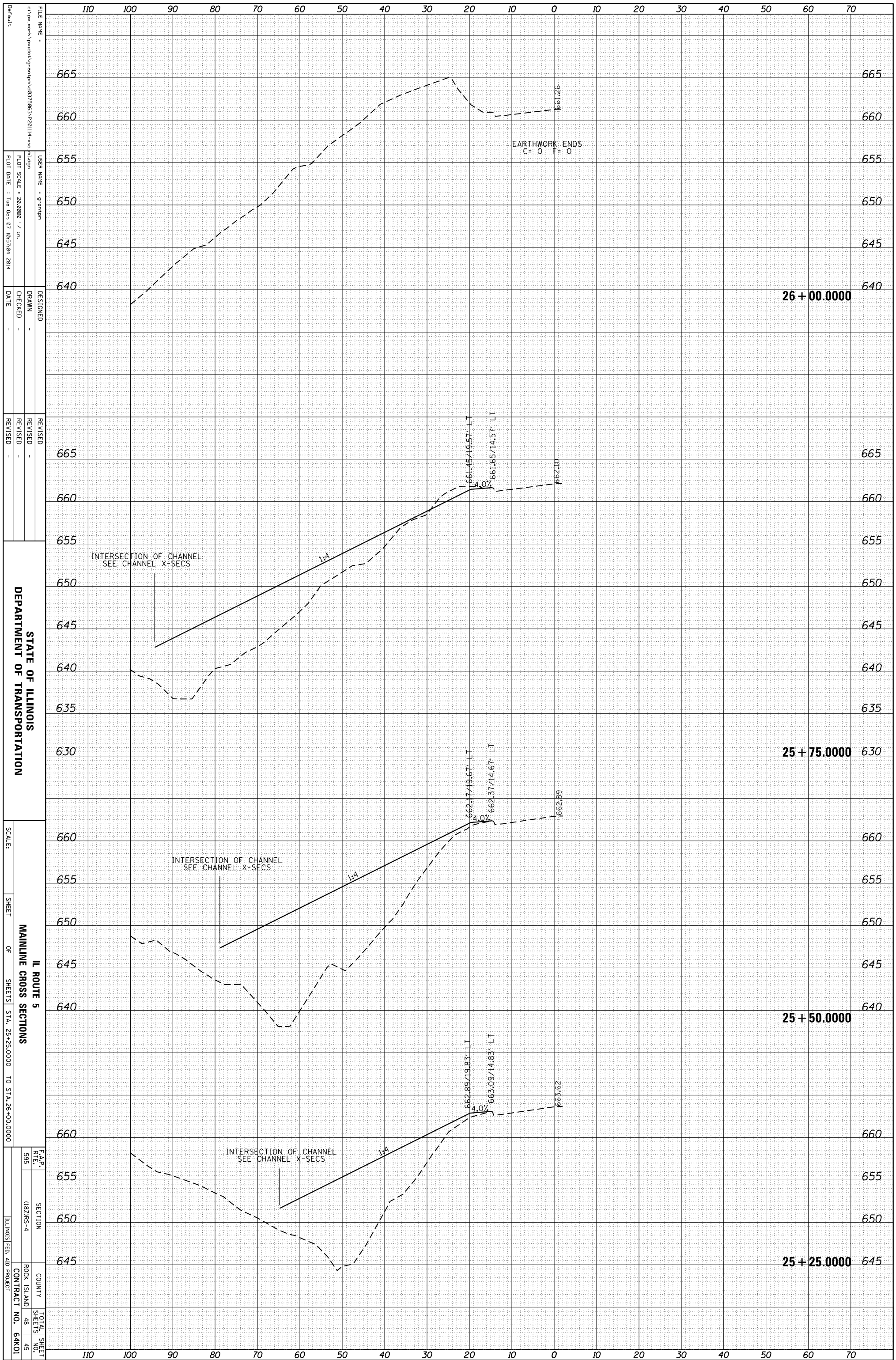
COUNTY ROCK ISLAND

TOTAL SHEET NO. 48

CONTRACT NO. 64K01

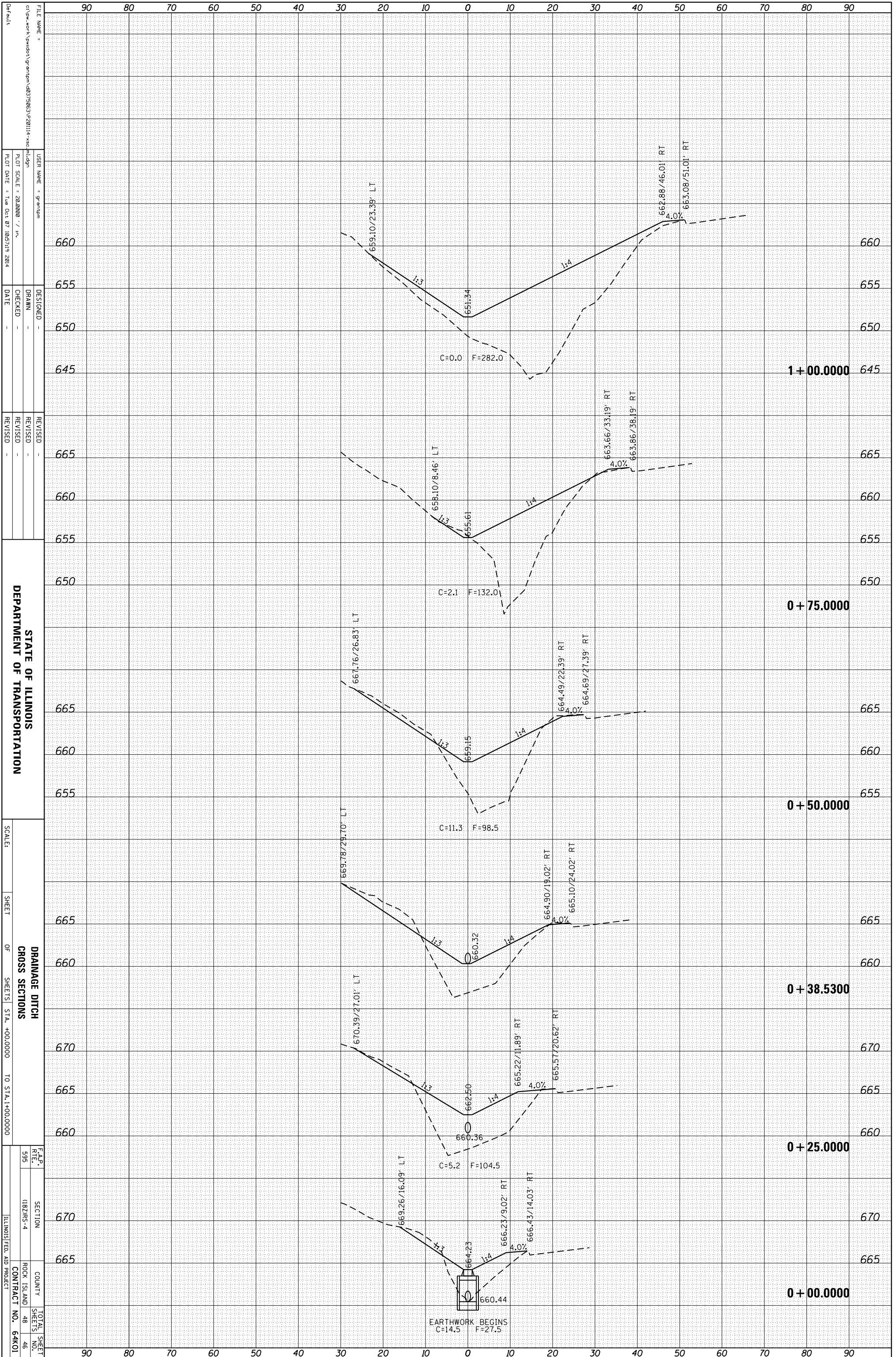
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. +00.0000 TO STA. 1+00.0000

F.A.P. SECTION COUNTY TOTAL SHEET NO. SHEETS NO. SHEETS
595 (182/RS-4) ROCK ISLAND 48 46
ILLINOIS FED. AID PROJECT CONTRACT NO. 64K01

FILE NAME: c:\pwworkspace\19875963\2011\1-4-14\1-4-14.dwg
USER NAME: graham
DESIGNED: DRAWN: CHECKED: DATE: REVISED: REVISED: REVISED: REVISED:

PLLOT SCALE: 28.0000 / in.
PLOT DATE: Tue Oct 07 10:57:19 2014

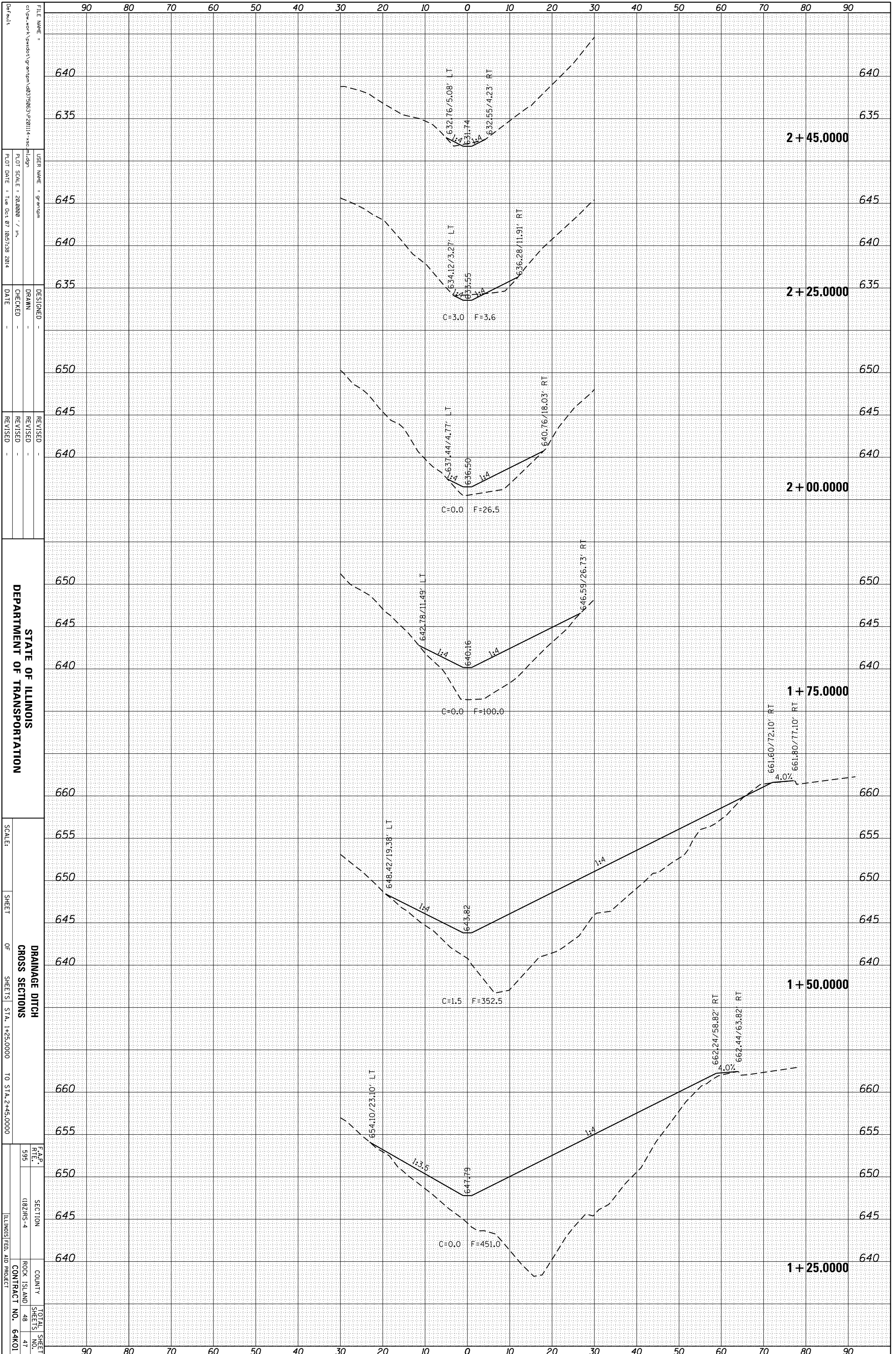
STATION MARKERS: 1+00.0000, 0+75.0000, 0+50.0000, 0+38.5300, 0+25.0000, 0+00.0000

VERTICAL AXIS: 665, 660, 655, 650, 645

HORIZONTAL AXIS: 90, 80, 70, 60, 50, 40, 30, 20, 10, 0, 10, 20, 30, 40, 50, 60, 70, 80, 90

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DITCH
CROSS SECTIONS

F.A.P. R.T.E. 595
SECTION (182)MS-4
COUNTY ROCK ISLAND
CONTRACT NO. 64K01

FILE NAME: c:\pwworkspace\pwworkspace\103759631\2011\1-4.rvt
USER NAME: graham
DRAWN: mldjn
CHECKED: -
DATE: -
DESIGNED: -
REVISIONS: -

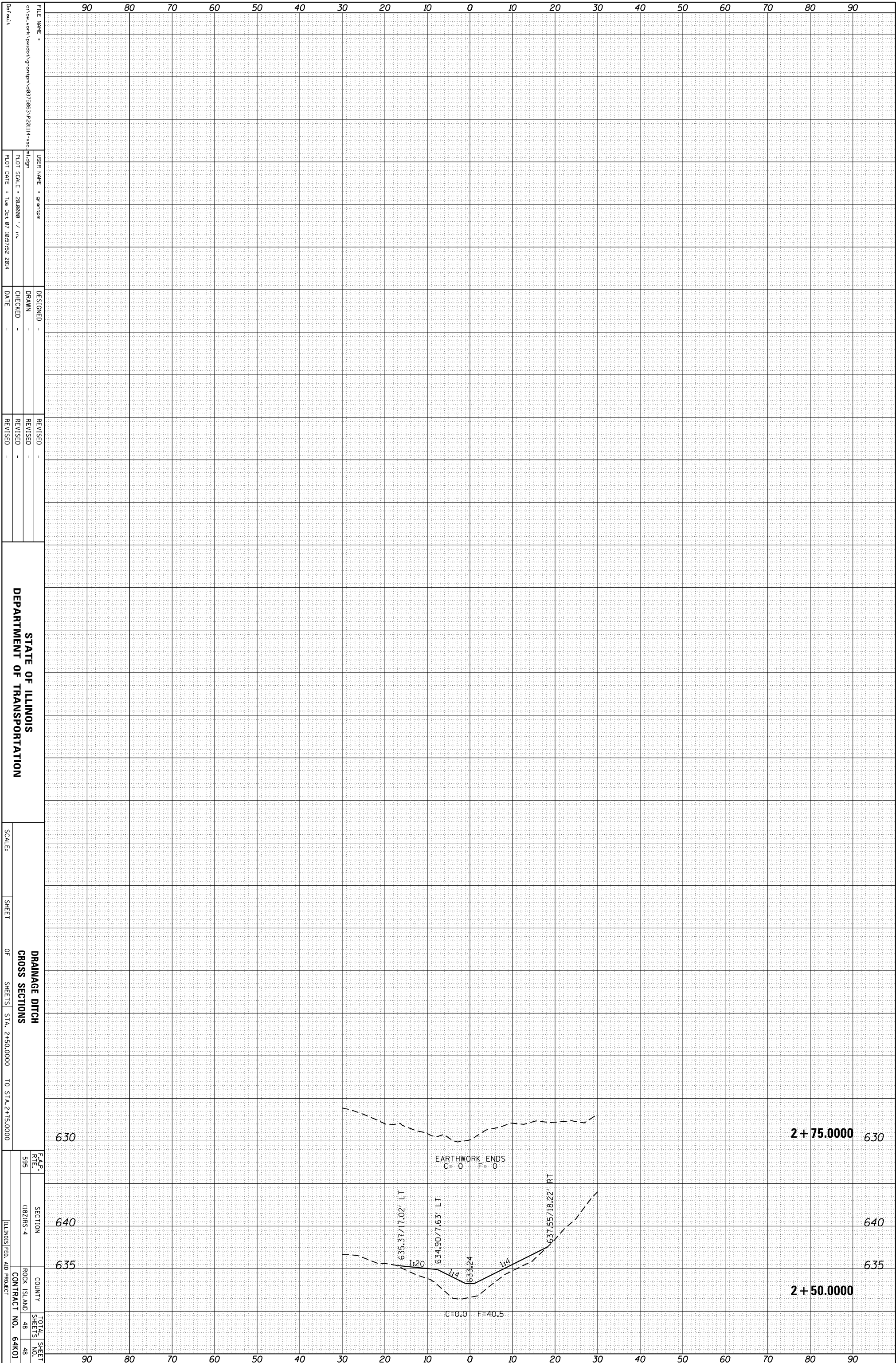
SCALE: 1" = 20.000' / in.
PLOT DATE: Tue Oct 07 10:57:38 2014

SHEET 1 OF 48
SHEETS STA. 1+25.0000 TO STA. 2+45.0000

TOTAL SHEET NO. 47

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



FILE NAME =
 USER NAME = g...
 DESIGNER -
 DRAWN -
 CHECKED -
 DATE -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:
 SHEET OF SHEETS STA. 2+50.0000 TO STA. 2+75.0000

DRAINAGE DITCH
CROSS SECTIONS

F.A.P. RTE. 595
 SECTION (182)RS-4
 COUNTY ROCK ISLAND
 CONTRACT NO. 64K01

TOTAL SHEET NO. 48
 SHEET NO. 48