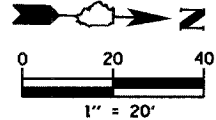
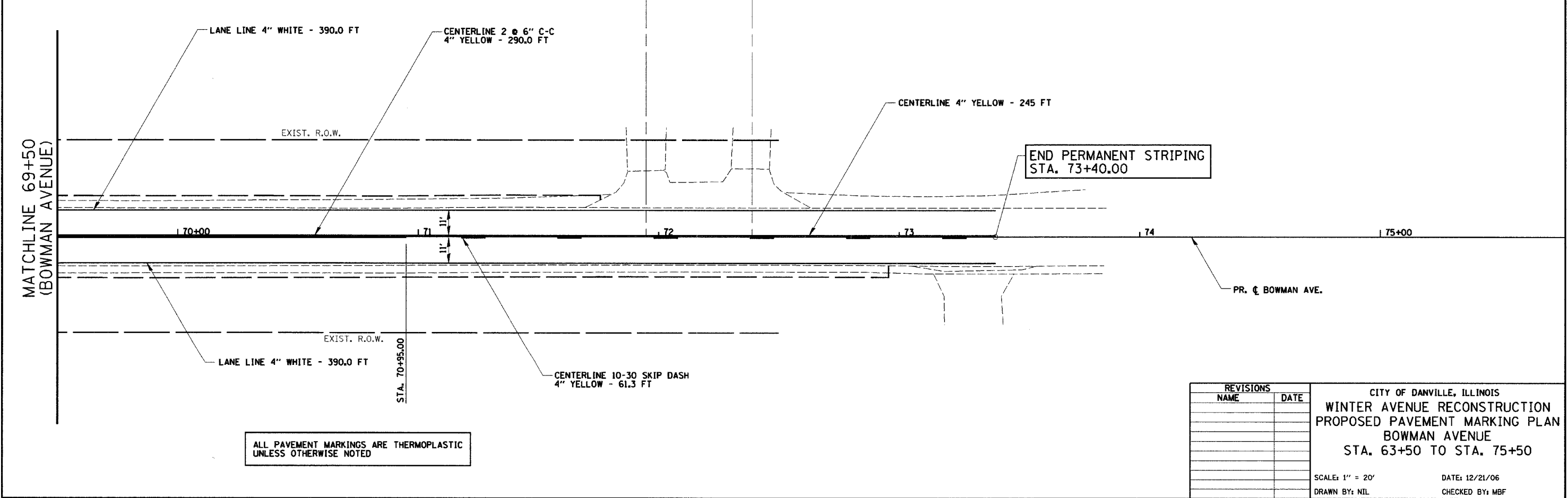
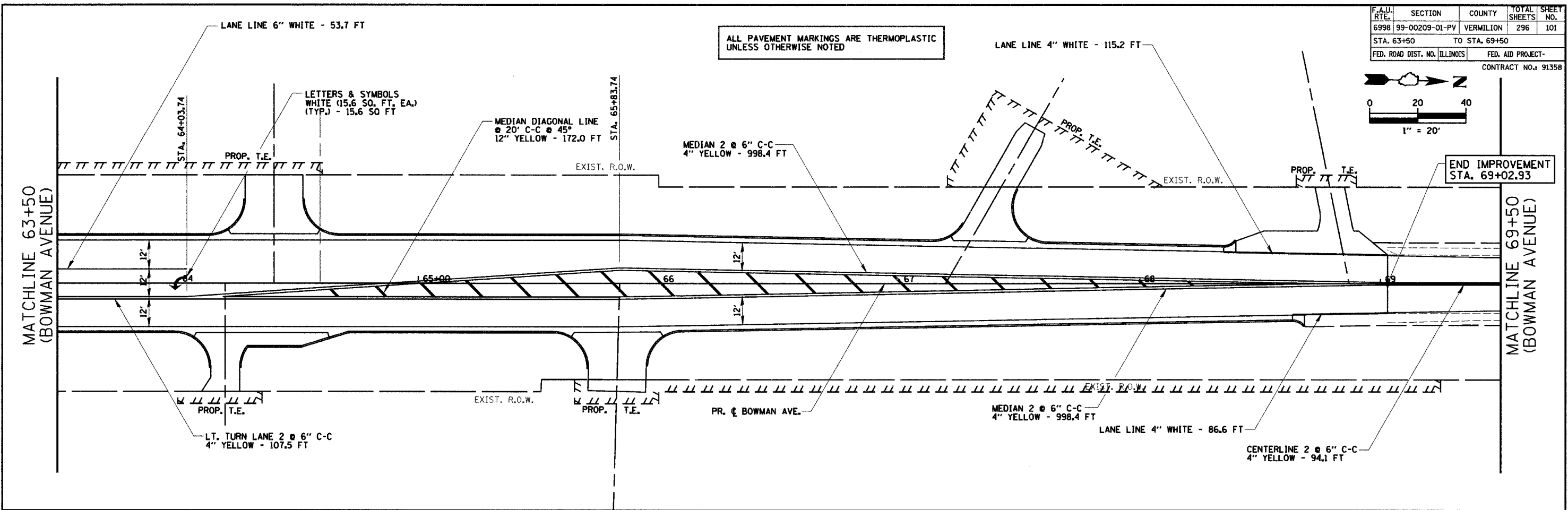


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	101
STA. 63+50		TO STA. 69+50		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



PLAN	SURVEYED	DATE
	PLANNED	
	NOT CHECKED	
	BY	
	NO.	

ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED



REVISIONS	
NAME	DATE

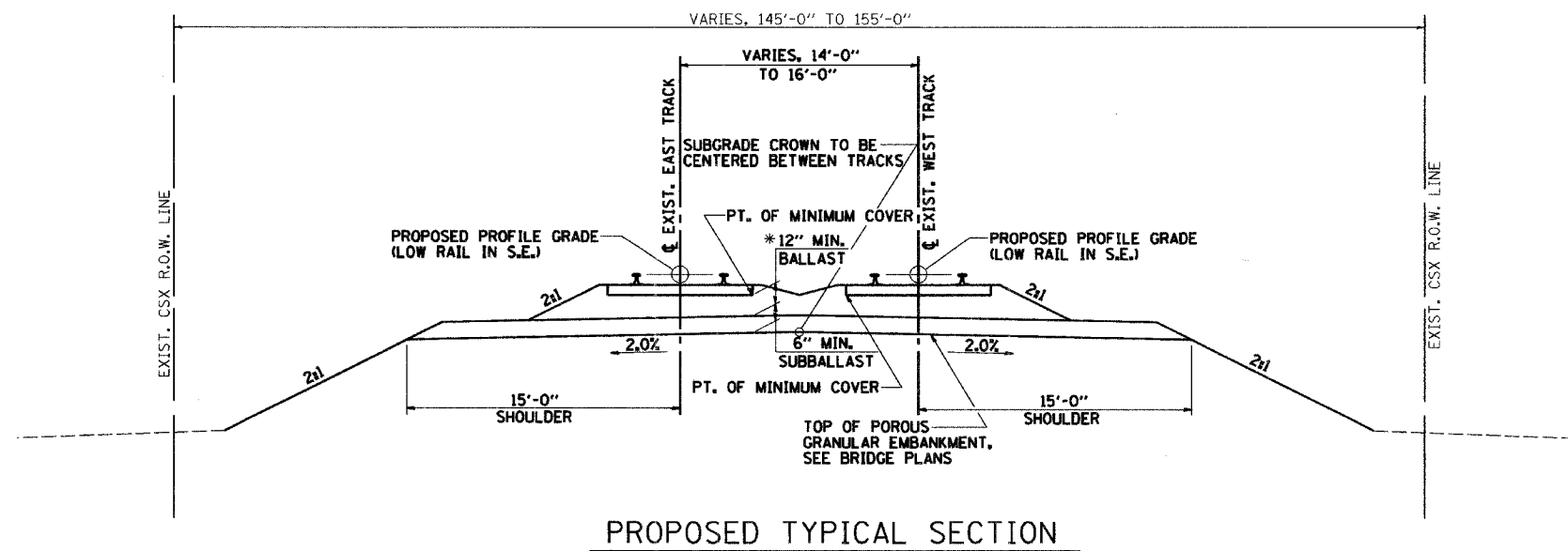
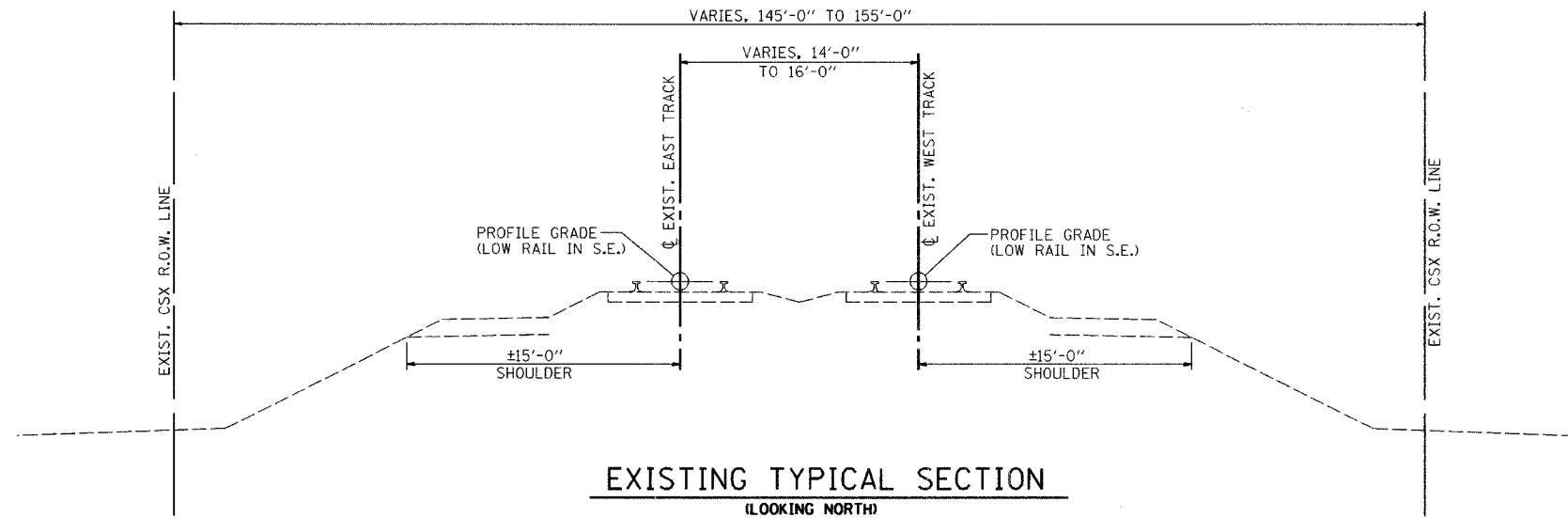
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
PROPOSED PAVEMENT MARKING PLAN
BOWMAN AVENUE
STA. 63+50 TO STA. 75+50

SCALE: 1" = 20'
 DRAWN BY: NIL
 DATE: 12/21/06
 CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	102
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		

CONTRACT NO.: 91358

PLAN	SURVEYED	DATE
	BY	
	NOTED	
	ALIGNED	
	CHECKED	
	RT. OF WAY CHECKED	
	ADD. FILE NAME	



(LOOKING NORTH)
 STA. 26+75.82 TO STA. 26+99.15
 STA. 28+40.94 TO STA. 28+60.94
 STA. 5526+76.28 TO STA. 5526+96.28
 STA. 5528+38.07 TO STA. 5528+60.95

* 12" MIN. BALLAST APPLIES TO TRACK WORK OUTSIDE THE LIMITS OF THE BRIDGE. SEE BRIDGE PLANS FOR MINIMUM BALLAST THICKNESS OVER THE BRIDGE.

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
 WINTER AVENUE RECONSTRUCTION
 TYPICAL SECTIONS
 CSX RAILROAD
 EAST & WEST TRACKS

SCALE: NTS
 DATE: 12-04-02
 DRAWN BY: MLS
 CHECKED BY: MBF

BENCHMARK:

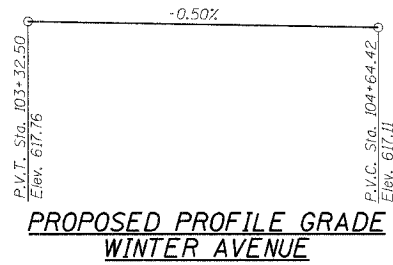
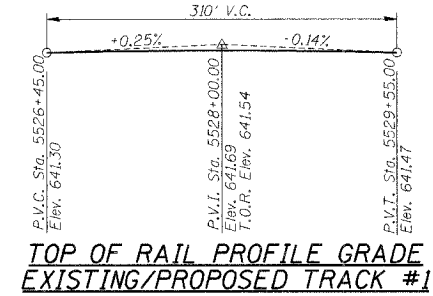
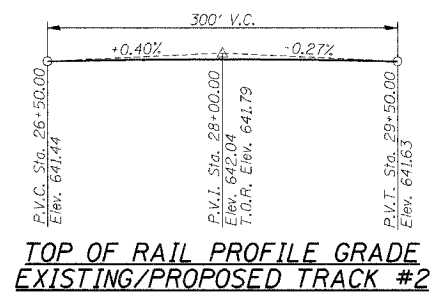
Chiseled "X" in Concrete Pad
Sta. 98+91.22, 14.51' Lt.
Elev. 609.28

EXISTING STRUCTURE:

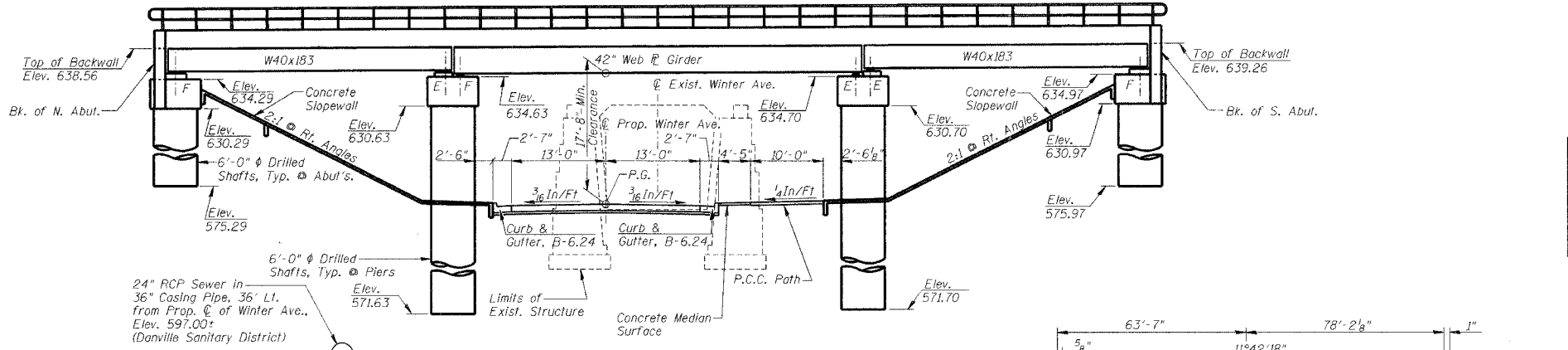
Existing Str. No.: None
Cast-in-place Concrete Deck on
Closed Concrete Abutments with
Concrete Wingwalls.
148'-0" O.-O. of Deck
±25'-0" Bk.-Bk. Abutments

CURVE DATA
(Chord Definition)

Prop. Track #2 (30 mph)		Prop. Track #1 (60 mph)	
P.I. Sta. 25+31.09	Δ = 5° 27' 29" (RT)	P.I. Sta. 5527+57.61	Δ = 1° 59' 41" (RT)
D = 1° 04' 00"	T = 256.04'	D = 0° 43' 00"	T = 139.17'
R = 5,371.56'	L = 511.69'	R = 7,994.81'	L = 278.31'
E = 6.10'	P.C. Sta. 22+75.05	E = 1.21'	P.C. Sta. 5526+18.44
S.E. = 1/2", L = 31'	P.T. Sta. 27+86.74	S.E. = 1/2", L = 31'	P.T. Sta. 5528+96.75

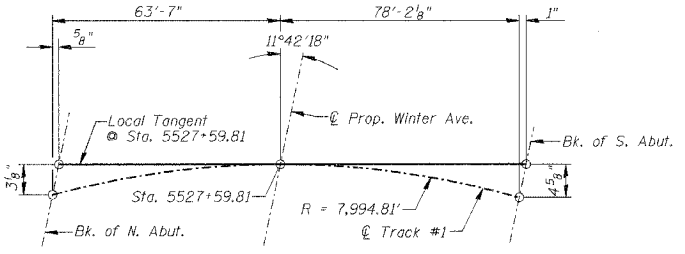


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	105
FED. ROAD DIST. NO.		ILLINOIS PROJECT	CONTRACT NO. 91358	

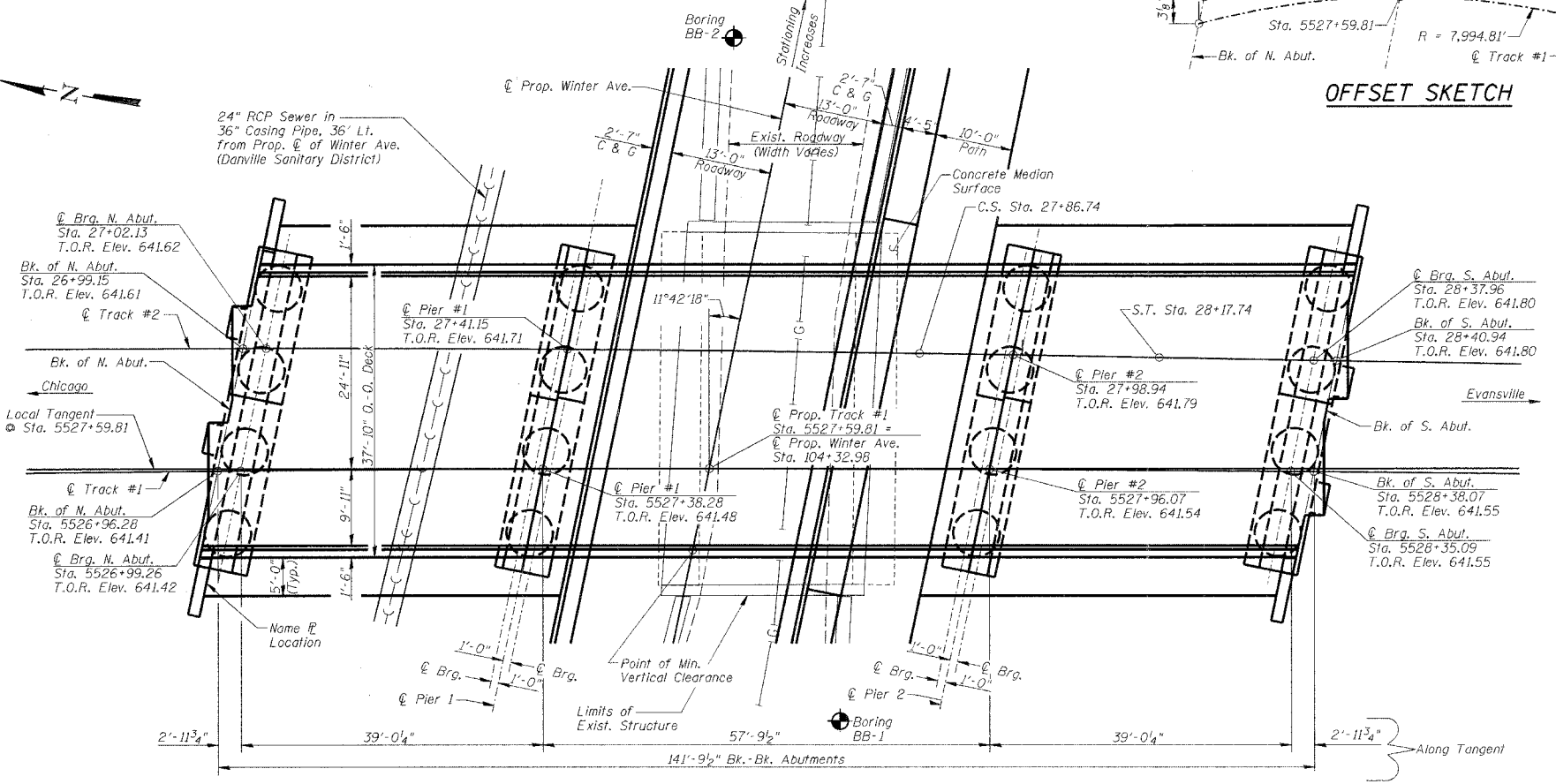


ELEVATION
(Looking East)

Note: All horizontal dimensions shown at 90° to Winter Ave.

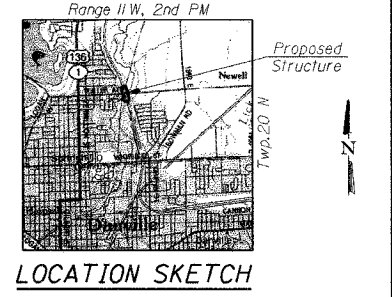


OFFSET SKETCH



PLAN

CSX TRANSPORTATION
BUILT 200 , BY
CITY OF DANVILLE
SECTION 99-00209-01-PV
STA. 5527+59.81
STR. NO. 092-6039
LOADING COOPER E-80
NAME PLATE
(See Std. 515001)



DESIGN SPECIFICATIONS

American Railway Engineering & Maintenance-of-Way Association (AREMA) Manual for Railway Engineering, 2006.
2007 AASHTO Standard Specifications for Highway Bridges.

DESIGN STRESSES

FIELD UNITS
f'c = 4,000 p.s.i.
fy = 60,000 p.s.i. (Reinforcement)
fy = 50,000 p.s.i. (Struct.) (M270 Grade 50)
fy = 36,000 p.s.i. (Struct.) (M270 Grade 36)

LOADING COOPER E-80

Cooper E80 plus Impact for equipment without hammer blow.
Service Load Design (CSX R.R. Bridge)
Allow for future addition of 6" ballast.

SEISMIC DATA

Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = .048g
Site Coefficient (S) = 1.5

CSX RAILROAD

Class: Railroad
Milepost: 121.63
DOT/AAR 353709 T
ADT: 24 Ave. Freight Trains Per Day (Combined)
0 Passenger Trains Per Day (Combined)
Design Speed: 30 mph (Track #2)
60 mph (Track #1)



DATE: January 24, 2007
Keith W. Benting
KEITH W. BENTING
ILL. STRUCTURAL NO. 4777

I certify to the best of my knowledge, information and belief, this bridge/box culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AREMA Standard Specifications.

GENERAL PLAN AND ELEVATION

Date	Designed	MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn	REZ		1
	Checked	KWB		
	Approved	KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526			
				URS Job No. 36430866

GENERAL NOTES:

1. Fasteners shall be AASHTO M164 Type 3 bolts. Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{9}{16}$ in. ϕ , unless otherwise noted.
2. Calculated weight of Structural Steel =
M270 Gr. 36 (ASTM A709 Gr. 36) = 98,380 lbs.
M270 Gr. 50 (ASTM A709 Gr. 50) = 614,410 lbs.
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60 (IL Modified). See Special Provisions.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
7. Concrete sealer shall be applied to the top of cap and face of steps at the abutments and piers.
8. The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/L. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4. See Special Provision for "Cleaning and Painting New Metal Structures".
9. Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.
10. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer and the Railroad. Allow 45 days advance submission for review.
11. Provide waterstops at all construction joints. Waterstops shall be PVC 9" x $\frac{3}{8}$ " Hollow Bulb (Bulb $\frac{3}{4}$ " I.D., $1\frac{1}{2}$ " O.D.) continuous across joint. Cost included with Concrete Structures.
12. Only Submerged Arc Welding (SAW) or Shielded Metal Arc Welding (SMAW) may be used. No other process will be allowed.

STRUCTURE
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Earth Excavation	Cu Yd			3584
Porous Granular Embankment	Cu Yd			148
Hot-Mix Asphalt Surface Course, Mix "C", N50	Ton	62		62
Removal of Existing Structures	Each			1
Concrete Removal	Cu Yd			46.9
Structure Excavation	Cu Yd		784.8	784.8
Concrete Structures	Cu Yd		237.2	237.2
Concrete Superstructure	Cu Yd	41.0		41.0
Furnishing and Erecting Structural Steel	L Sum	1		1
Reinforcement Bars, Epoxy Coated	Pound	2640	211,080	213,720
Bar Splicers	Each		146	146
Pipe Handrail	Foot	284		284
Slope Wall 4 Inch	Sq Yd		484	484
Name Plates	Each			1
Drilled Shaft in Soil	Cu Yd		955.0	955.0
Membrane Waterproofing (Special)	Sq Ft	5649		5649
Concrete Sealer	Sq Ft		1198	1198
Pipe Underdrains for Structures 8"	Foot			60
Temporary Soil Retention System	Sq Ft			1637
Temporary Ballast Retainer (Installed & Removed)	Foot	142		142
Bridge Drainage System	L Sum	1		1
Ballast	Cu Yd	95		95
Sub-Ballast	Cu Yd			34
Anchor Bolts 1 1/4"	Each		156	156

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	106
FED. ROAD DIST. NO.	ILLINOIS PROJECT			

CONTRACT NO. 91358

INDEX OF SHEETS

1. General Plan and Elevation
2. General Notes and Bill of Material
3. Construction Sequence
4. Temporary Soil Retention System Details
5. Substructure Layout
6. Typical Cross Section & Slopewall Details
7. Framing Plan and Moment & Shear Table
8. Diaphragm Details
9. Superstructure Details
10. Superstructure Details
11. Parapet Details
12. Handrail Details
13. Bearing Details
14. North Abutment
15. North Abutment Details
16. South Abutment
17. South Abutment Details
18. Pier 1
19. Pier 2
20. Pier Details and Bill of Materials
21. Bar Splicer Assembly Details
22. Drainage Details
23. Boring Logs - BB-1
24. Boring Logs - BB-2

GENERAL NOTES & BILL OF MATERIAL

Date	Designed KWB	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn MLS		2
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		
			URS Job No. 36430866

SUGGESTED CONSTRUCTION SEQUENCE

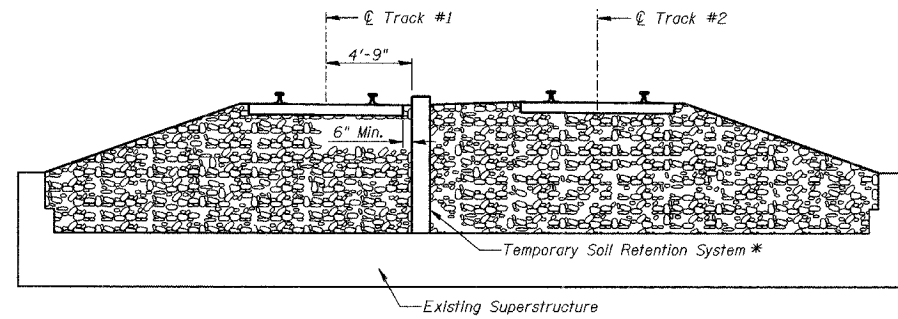
Rail Traffic on existing bridge cannot be shut down until the siding track is in place North of the bridge location. Coordinate with CSX Transportation. Winter Avenue will be closed to traffic during construction.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	107
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

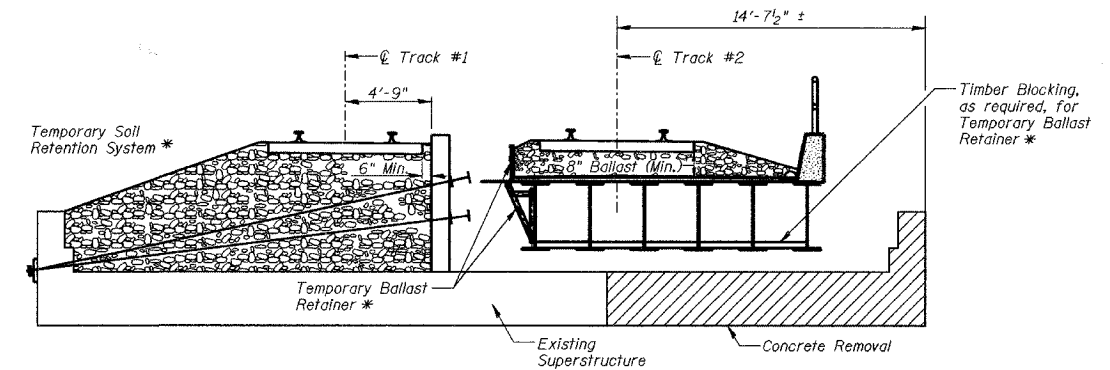
CONTRACT NO. 91358

STAGE 1

1. Provide crane/drill rig access on east side of CSX Tracks.
2. Shut down traffic on Track #2.
3. Remove Track #2 and ties within limits of proposed Bridge. (By CSX Forces)
4. Install Temporary Soil Retention System between tracks within limits of new structure. This work must be coordinated with CSX Transportation and done within available work windows between train operations on Track #1.
5. Excavate to bottom of new caps on Track #2 side and complete installation of any bracing or tie-backs for the Temporary Soil Retention System.
6. Install two drilled shafts at each of the new substructure units on the Track #2 side.
7. Construct Stage I of caps for new substructure units on Track #2 side.
8. Remove portion of existing concrete deck to allow access to field weld deck plate to Stage I beam units.
9. Install Stage I of new superstructure.
10. Install Temporary Ballast Retention System.
11. Place Ballast and Tracks for Track #2.
12. Install Temporary Soil Retention System to construct Stage II of abutments. This work must be coordinated with CSX Transportation and done within available work windows between train operations on Track #1.
13. Open Track #2 to rail traffic.

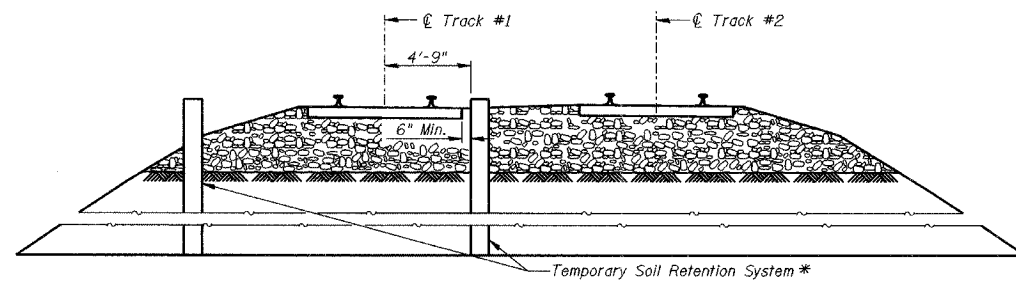


TYPICAL CROSS SECTION THRU SUPERSTRUCTURE, STAGE 1
(ON EXISTING BRIDGE LOOKING NORTH)

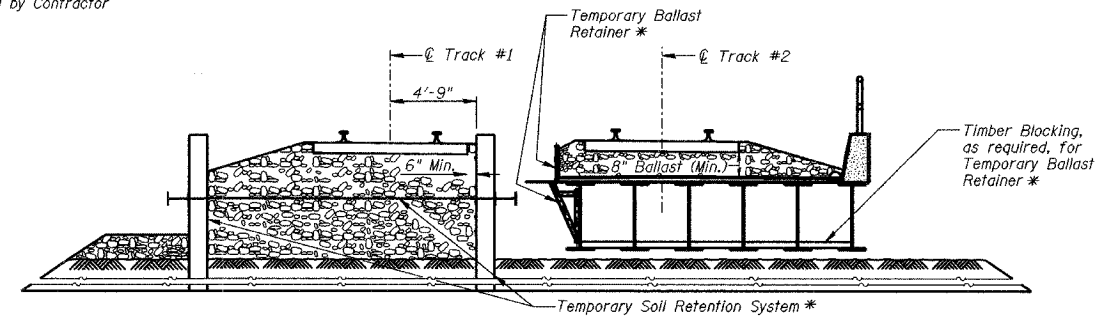


TYPICAL CROSS SECTION THRU SUPERSTRUCTURE, STAGE 1
(ON EXISTING BRIDGE LOOKING NORTH)

* To Be Designed by Contractor



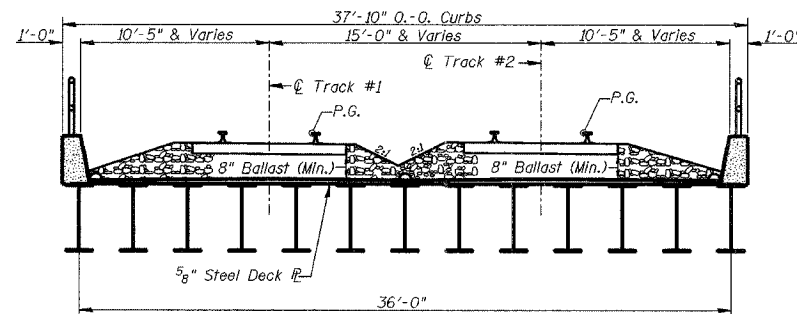
TYPICAL CROSS SECTION THRU SUPERSTRUCTURE, STAGE 1
(OFF EXISTING BRIDGE LOOKING NORTH)



TYPICAL CROSS SECTION THRU SUPERSTRUCTURE, STAGE 1
(OFF EXISTING BRIDGE LOOKING NORTH)

STAGE 2

1. Provide crane/drill rig access on west side of CSX Tracks.
2. Shut down traffic on Track #1.
3. Remove Track #1 and ties within limits of proposed Bridge. (By CSX Forces)
4. Excavate to bottom of new caps on Track #1 side.
5. Remove Temporary Soil Retention System installed in Stage I, Step 4.
6. Install two drilled shafts at each of the new substructure units on the Track #1 side.
7. Construct Stage II of caps for new substructure units on Track #1 side.
8. Remove remainder of existing concrete deck.
9. Install Stage II of new superstructure.
10. Place ballast and tracks for Track #1.
11. Remove Temporary Ballast Retention System.
12. Remove Temporary Soil Retention System installed in Stage I, Step 12.
13. Open Track #1 to rail traffic.
14. Excavate under new structure. Provide 2:1 slopes between piers and abutments.
15. Remove abutments of existing structure.
16. Construct slopewalls under new structure.



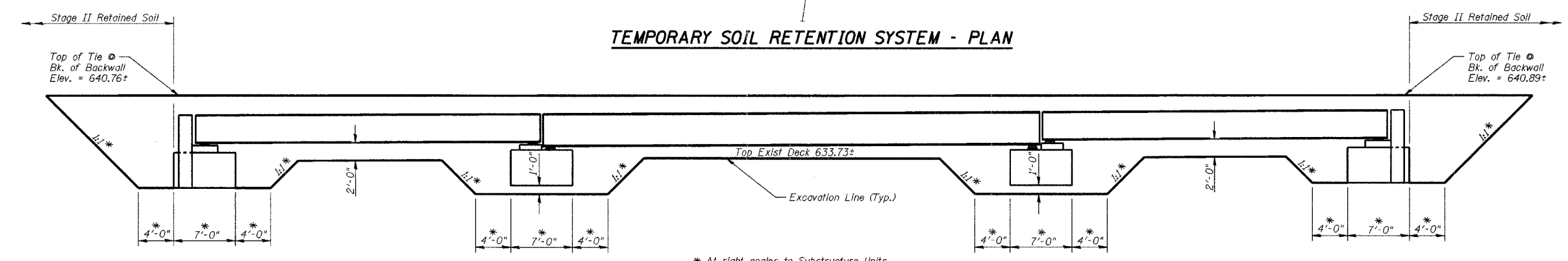
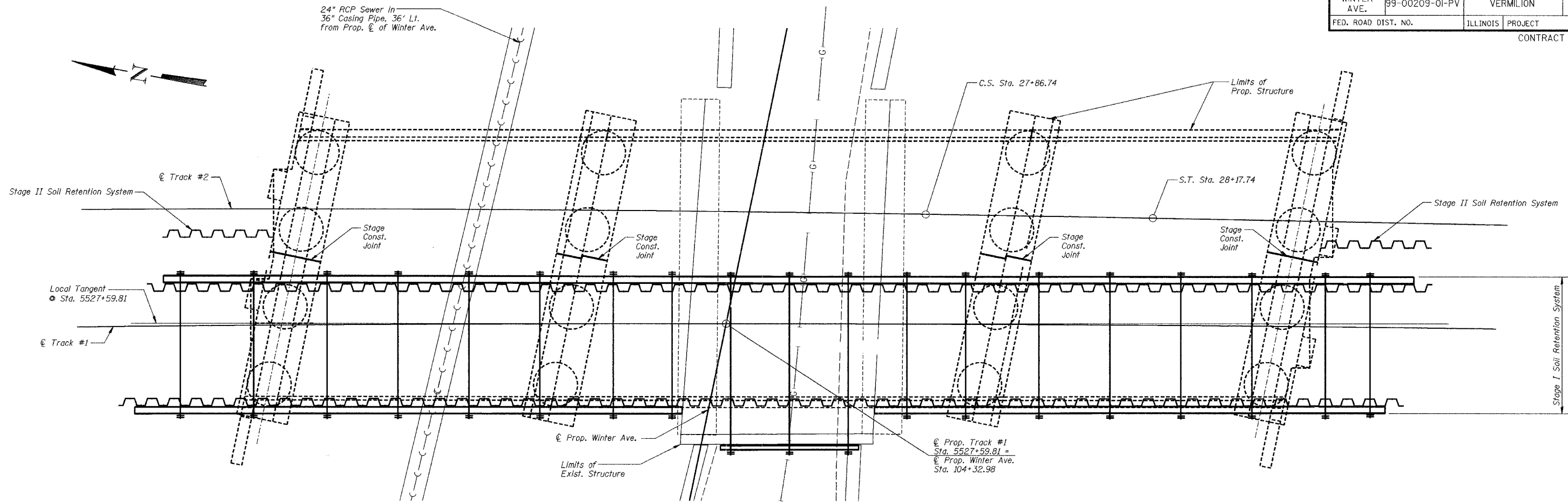
TYPICAL CROSS SECTION THRU SUPERSTRUCTURE, STAGE 2
(LOOKING NORTH)

Concrete Removal = 46.9 Cu. Yd.

CONSTRUCTION SEQUENCE

Date	Designed TDN	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn REZ		3
	Checked KWB		of 24
	Approved KWB		URS Job No.
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		36430866

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	108
FED. ROAD DIST. NO.	ILLINOIS PROJECT		CONTRACT NO. 91358	



NOTES:

- The shoring layout shown is schematic only, but shall be used as basis for payment. Actual areas will not be measured for payment. Contractor shall be responsible for the design and layout of the Temporary Soil Retention System.
- The contractor shall submit the following drawings and calculations for review and approval:
- Five (5) sets of detailed drawings of the Temporary Soil Retention System showing sizes of all structural members, details of connections, and distances from centerline of track to face of shoring. Drawing shall show a section showing height of shoring and track elevation in relation to bottom of excavation.
 - Two (2) sets of calculations for the design of the Temporary Soil Retention System. The drawings and calculations shall be prepared by a registered Structural engineer in the state of Illinois and shall bear his seal and Signature. Plans shall be approved by the Railroad and the Engineer.
 - Temporary Soil Retention system shall be designed in accordance with AREMA Chapter 8 Part 20 & 28.

TEMPORARY SOIL RETENTION SYSTEM - ELEVATION

BILL OF MATERIAL

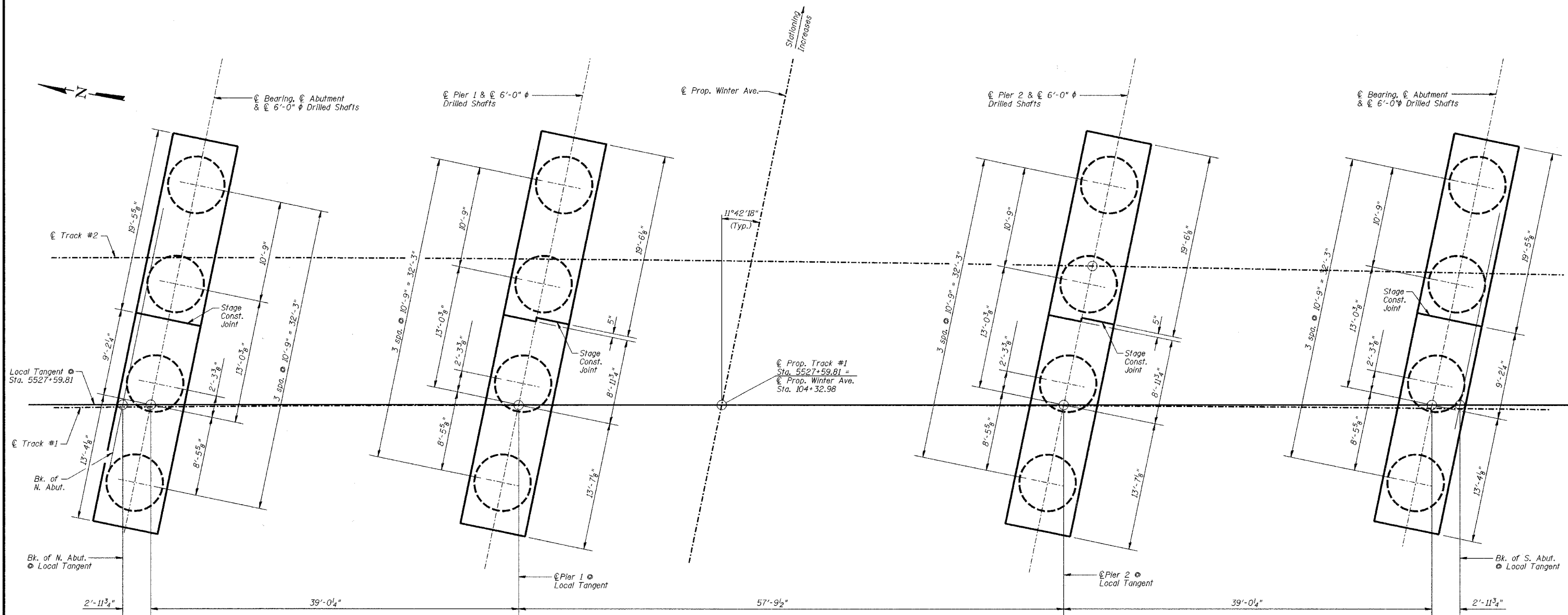
Item	Unit	Quantity
Temporary Soil Retention System	Sq. Ft.	1637

Stage I Retained Soil = 1447 Sq. Ft.
Stage II Retained Soil = 190 Sq. Ft.

TEMPORARY SOIL RETENTION SYSTEM DETAILS			
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn BKN		4
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		of 24 URS Job No. 36430866

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	109
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

CONTRACT NO. 91358



SUBSTRUCTURE LAYOUT

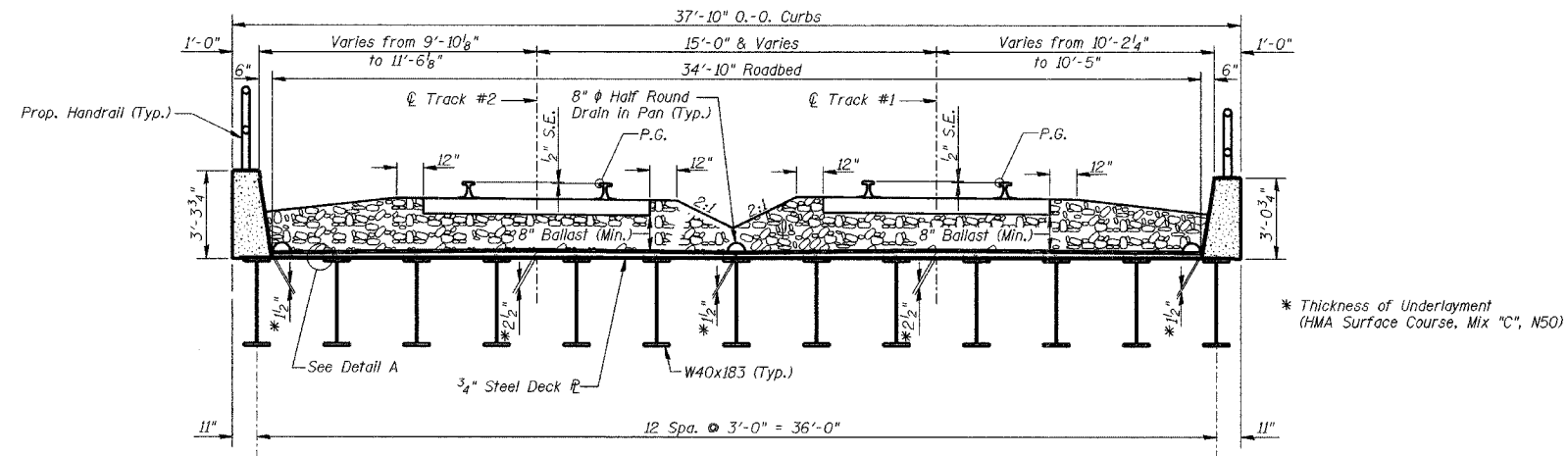
Note

No shaft excavation shall be made within 15 feet of an uncased shaft filled with concrete that is less than one day old. The construction procedure used shall be approved by the Engineer in charge before commencing work.

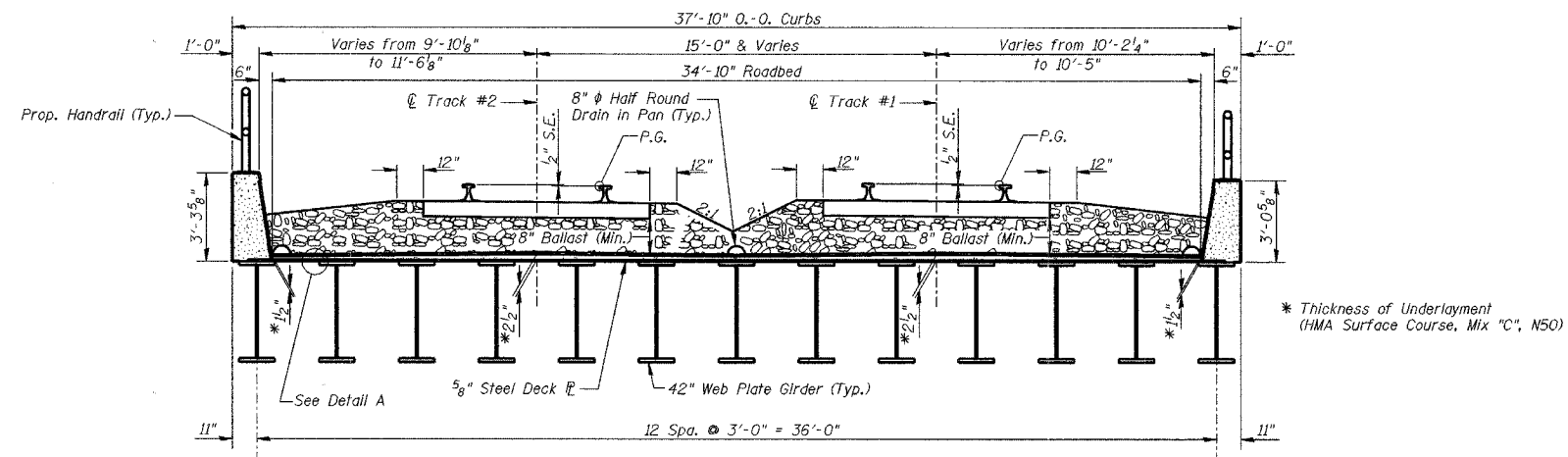
Date _____ Revisions _____ _____ _____ _____		Designed KWB	SUBSTRUCTURE LAYOUT CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
		Drawn BKN		5
Checked MJP	of 24			
Approved KWB	URS Job No.			
Prepared by: URS	345 East Ash Avenue, Suite B Decatur, IL 62526	36430866		

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	110
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

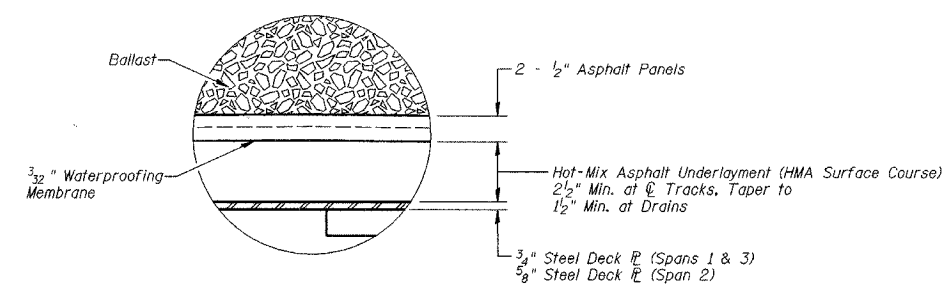
CONTRACT NO. 91358



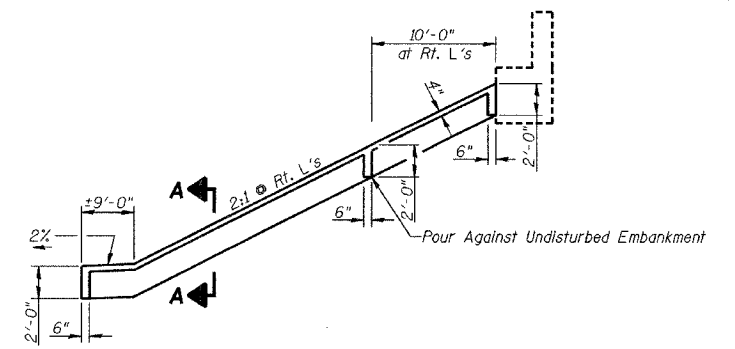
TYPICAL CROSS SECTION THRU SUPERSTRUCTURE, SPANS 1 & 3
(LOOKING SOUTH)



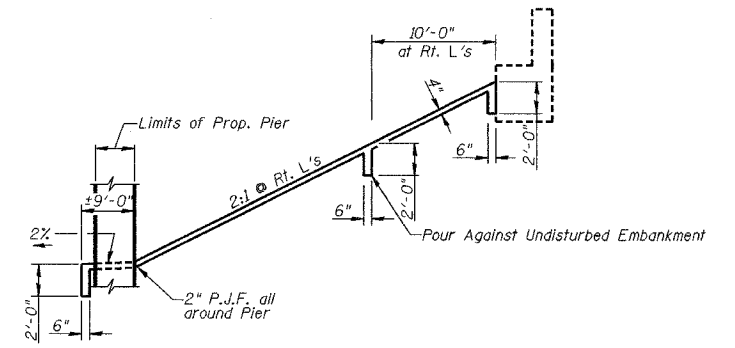
TYPICAL CROSS SECTION THRU SUPERSTRUCTURE, SPAN 2
(LOOKING SOUTH)



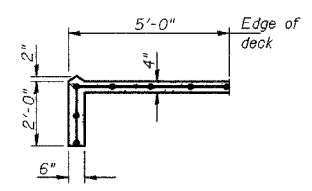
DETAIL "A"



SECTION THRU EDGE OF SLOPEWALL



SECTION THRU SLOPEWALL AT PIER

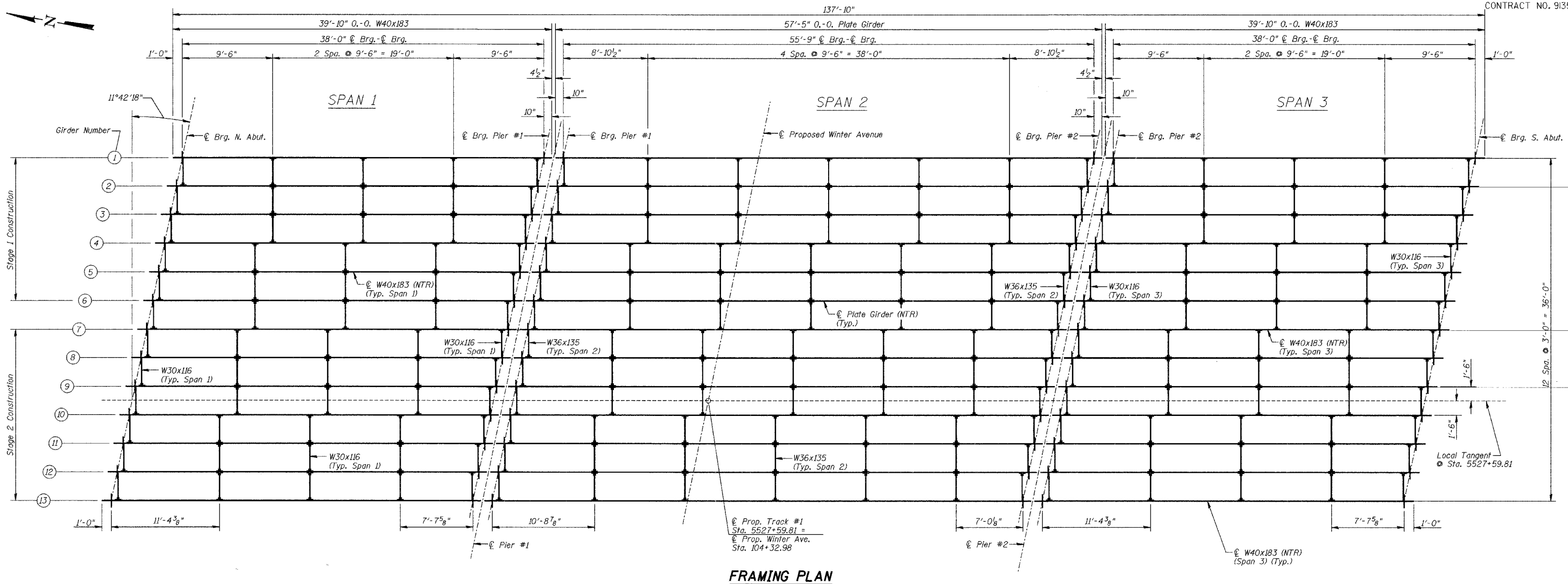


SECTION A-A

Note

Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - w4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.

TYPICAL CROSS SECTION & SLOPEWALL DETAILS			
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn REZ		6
	Checked KWB		of 24
	Approved KWB		URS Job No.
Prepared by: URS	345 East Ash Avenue, Suite B Decatur, IL 62526		36430866



FRAMING PLAN

MOMENT & SHEAR TABLE

LOAD DESCRIPTION	W40x183 SPAN 1 & 3		42" WEB PLATE GIRDER SPAN 2	
	MOMENT	SHEAR	MOMENT	SHEAR
DEAD LOAD	250.2 ft-K	26.3 K	552.1 ft-K	39.6 K
LIVE LOAD	681.0 ft-K	78.9 K	1143.9 ft-K	93.5 K
IMPACT	289.8 ft-K	33.6 K	454.8 ft-K	37.2 K
CENTRIFUGAL FORCE	137.8 ft-K	16.0 K	227.3 ft-K	18.6 K
ECCENTRICITY	197.1 ft-K	34.3 K	31.2 ft-K	13.5 K
TOTAL	1555.9 ft-K	189.1 K	2409.3 ft-K	202.2 K
NET I	13,114.1 in ⁴		29,706.3 in ⁴	
NET S	673 in ³		1313 in ³	
f _b (NET)	27.7 ksi		22.0 ksi	
GROSS I	13,300.0 in ⁴		30,155.0 in ⁴	
GROSS S	683 in ³		1,333 in ³	
f _b (GROSS)	27.3 ksi		21.7 ksi	

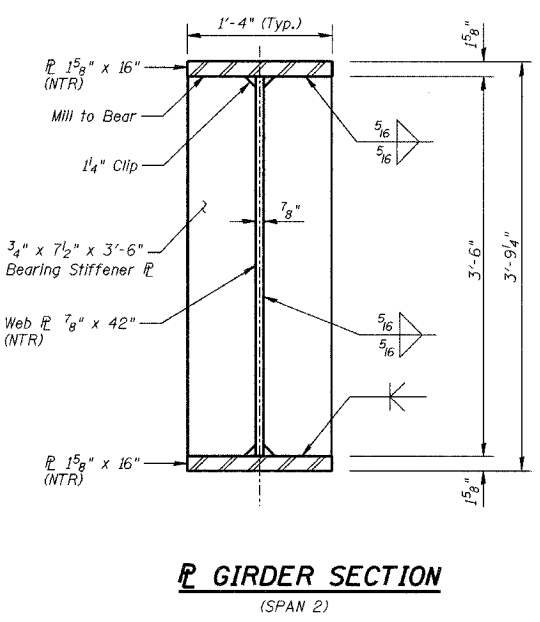
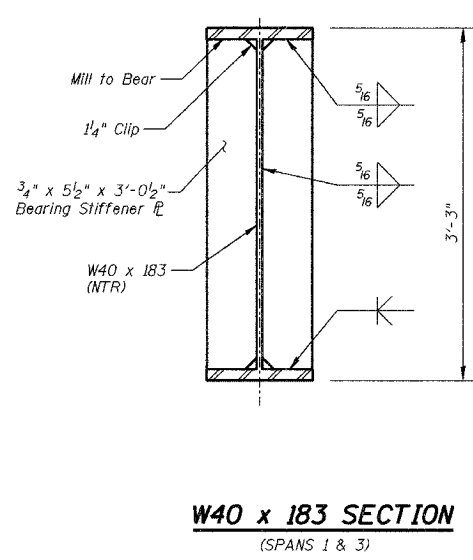


PLATE GIRDER SECTION (SPAN 2)



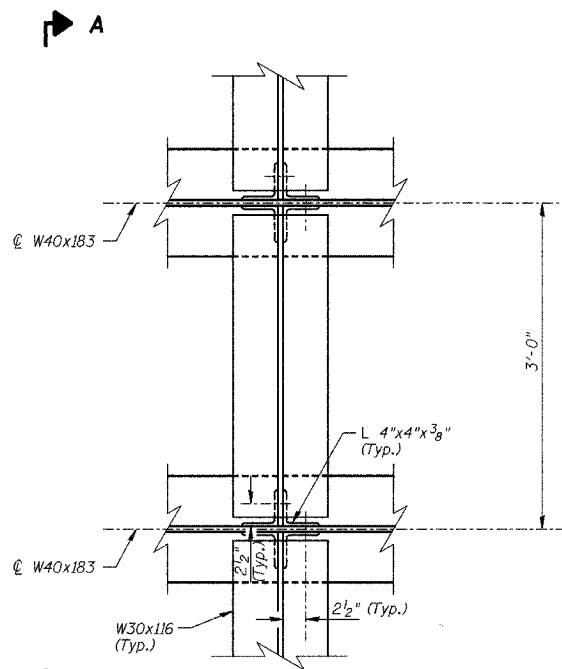
W40 x 183 SECTION (SPANS 1 & 3)

Notes

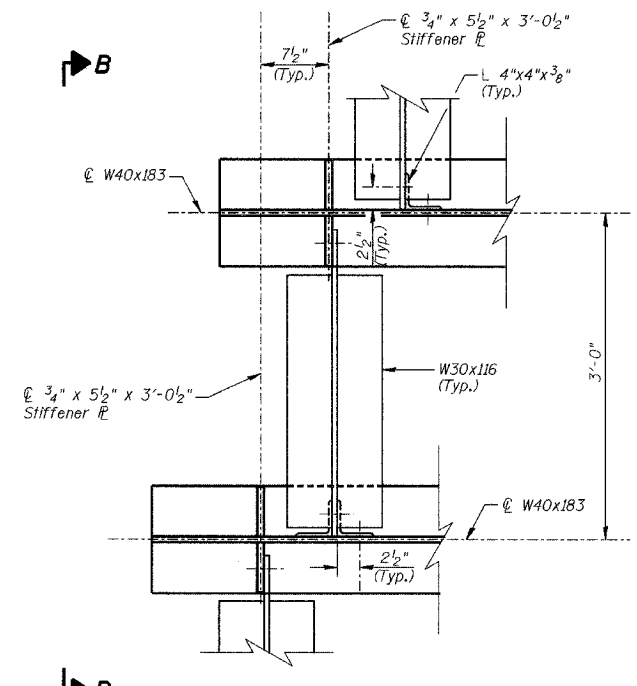
- W40 x 83 and plate girders shall be A709 Gr. 50. These members shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.
- Diaphragms, connection angles and bearing stiffeners are A709 Gr. 36.
- The flange-to-web weld for the deck plate girder shall be made using continuous, complete joint penetration (CJP). The weld shall be made by machine welding.
- If girders are set individually, all diaphragms shall be installed as steel is erected and secured with erection pins and bolts, except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.

FRAMING PLAN AND MOMENT & SHEAR TABLE			
Date	Designed: MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn: BKN		7
	Checked: KWB		of 24
	Approved: KWB		URS Job No.
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		36430866

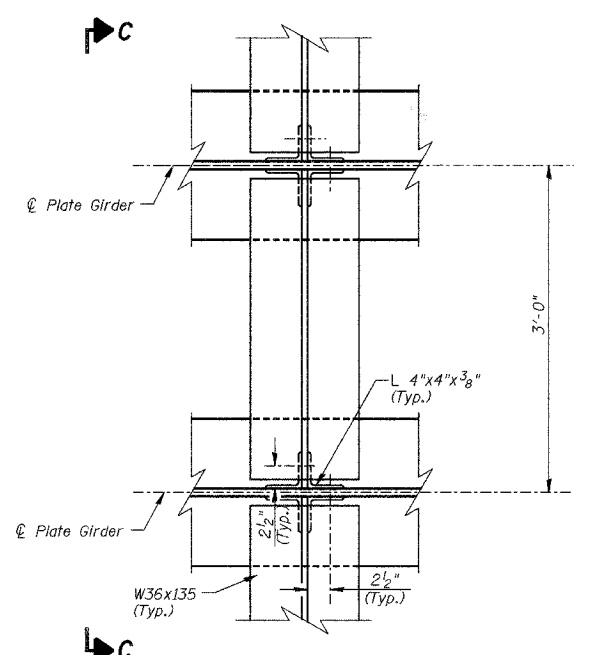
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	112
FED. ROAD DIST. NO.	ILLINOIS PROJECT		CONTRACT NO. 91358	



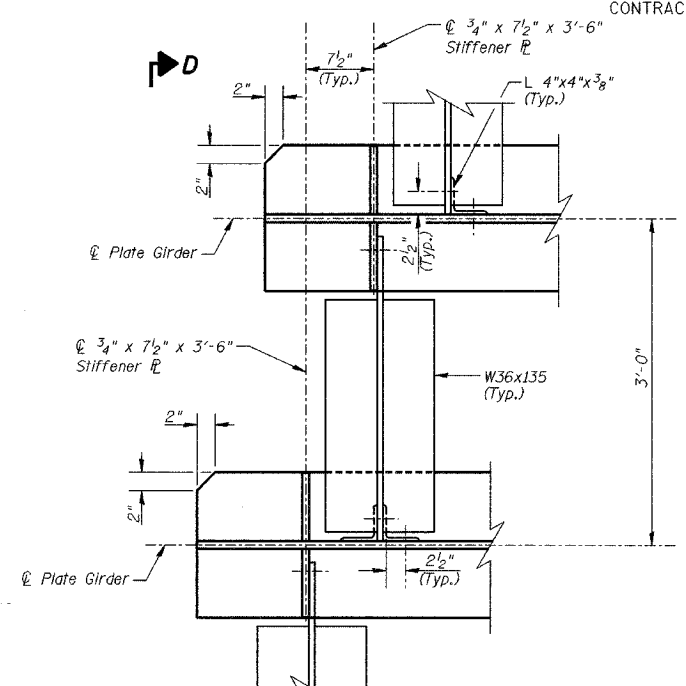
**PLAN VIEW
INTERMEDIATE DIAPHRAGM
SPANS 1 & 3**



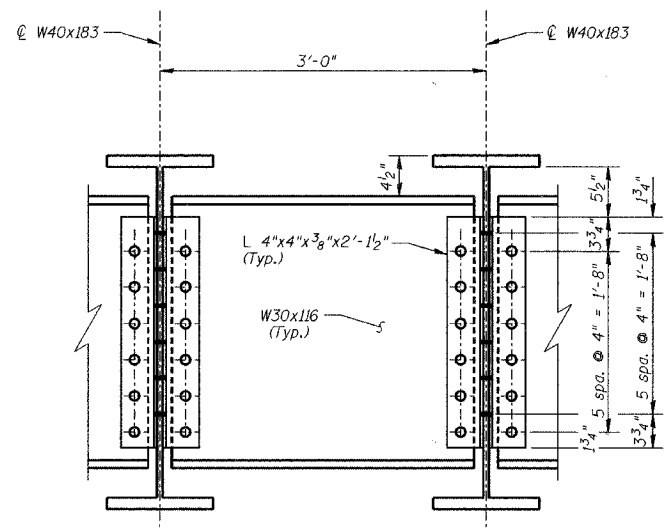
**PLAN VIEW
END DIAPHRAGM
SPANS 1 & 3**



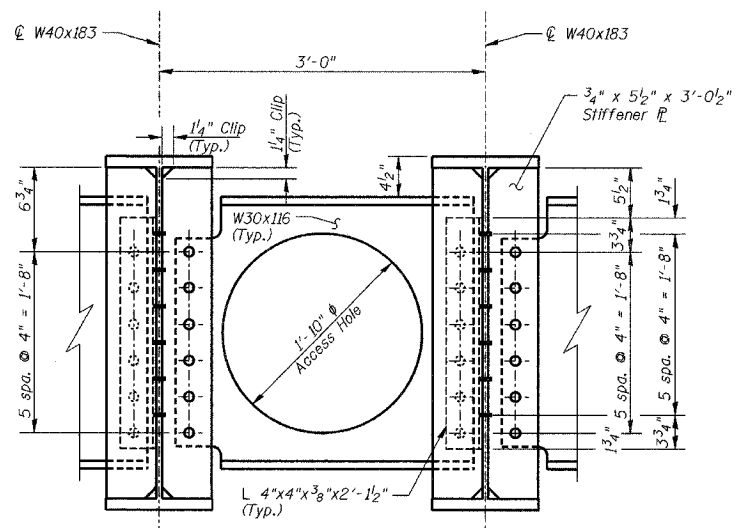
**PLAN VIEW
INTERMEDIATE DIAPHRAGM
SPAN 2**



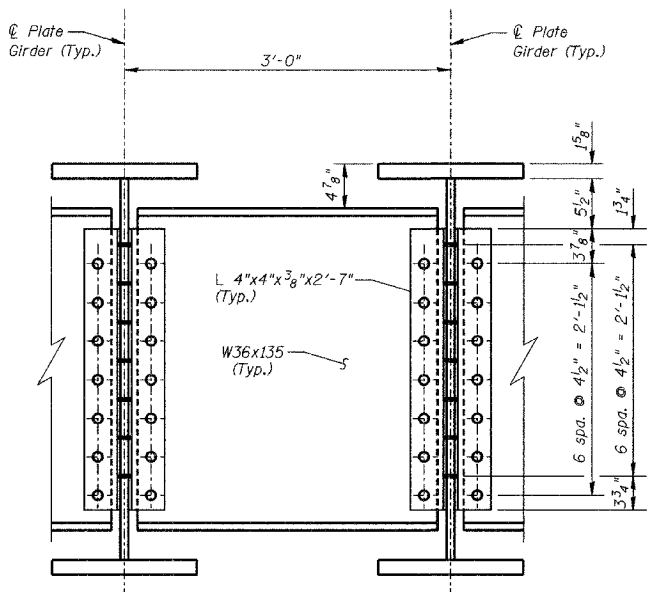
**PLAN VIEW
END DIAPHRAGM
SPAN 2**



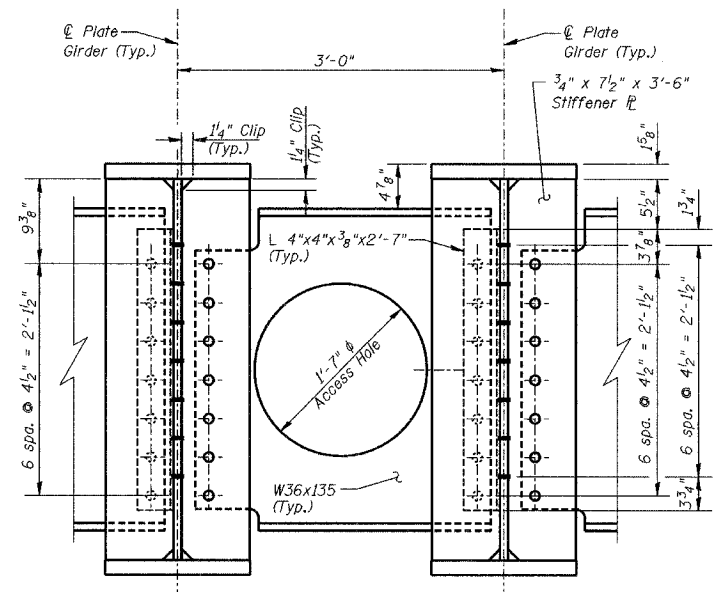
VIEW A-A



VIEW B-B



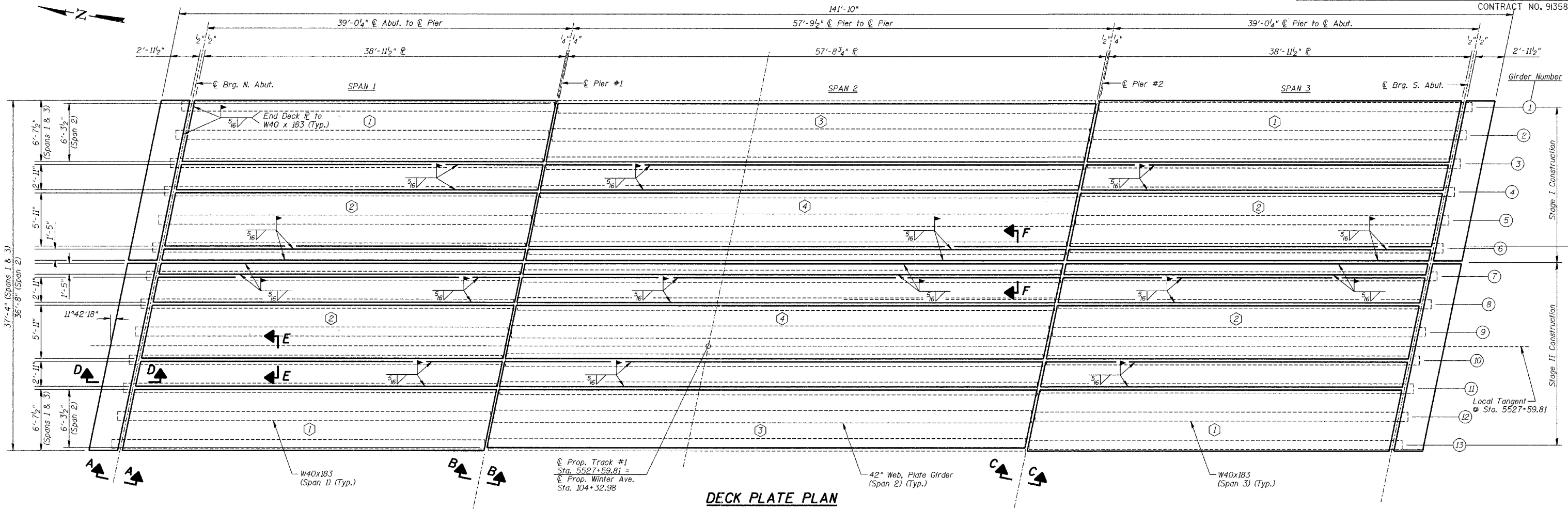
VIEW C-C



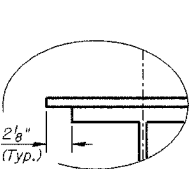
VIEW D-D

DIAPHRAGM DETAILS			Sheet No.
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	8 of 24
Revisions	Drawn BKN		
	Checked KWB		
	Approved KWB		
Prepared by:	URS		
345 East Ash Avenue, Suite B Decatur, IL 62526		URS Job No. 36430866	

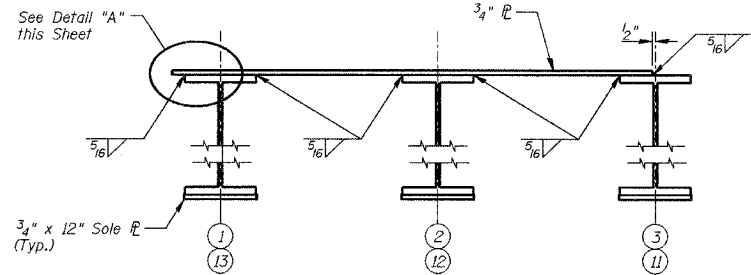
ROUTE NO. WINTER AVE.	SECTION 99-00209-01-PV	COUNTY VERMILION	TOTAL SHEETS 296	SHEET NO. 113
FED. ROAD DIST. NO.		ILLINOIS PROJECT	CONTRACT NO. 91358	



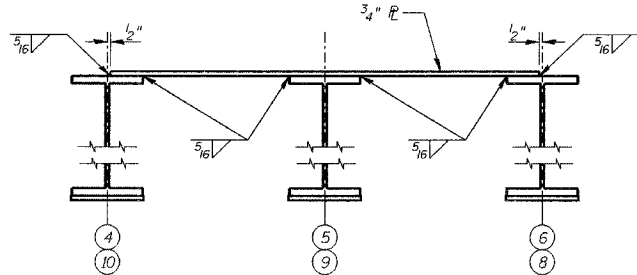
DECK PLATE PLAN



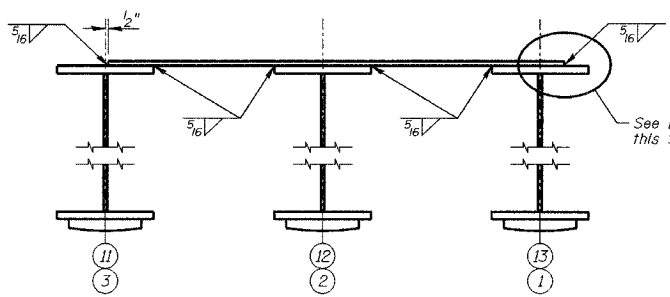
DETAIL "A"
(SPANS 1 & 3)



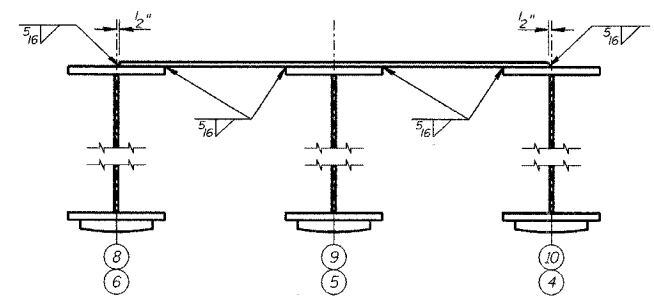
SHOP ASSEMBLED UNIT 1
Total Weight of Unit = 34,980 lbs.



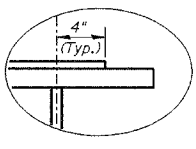
SHOP ASSEMBLED UNIT 2
Total Weight of Unit = 34,120 lbs.



SHOP ASSEMBLED UNIT 3
Total Weight of Unit = 70,750 lbs.



SHOP ASSEMBLED UNIT 4
Total Weight of Unit = 70,190 lbs.



DETAIL "B"
(SPAN 2)

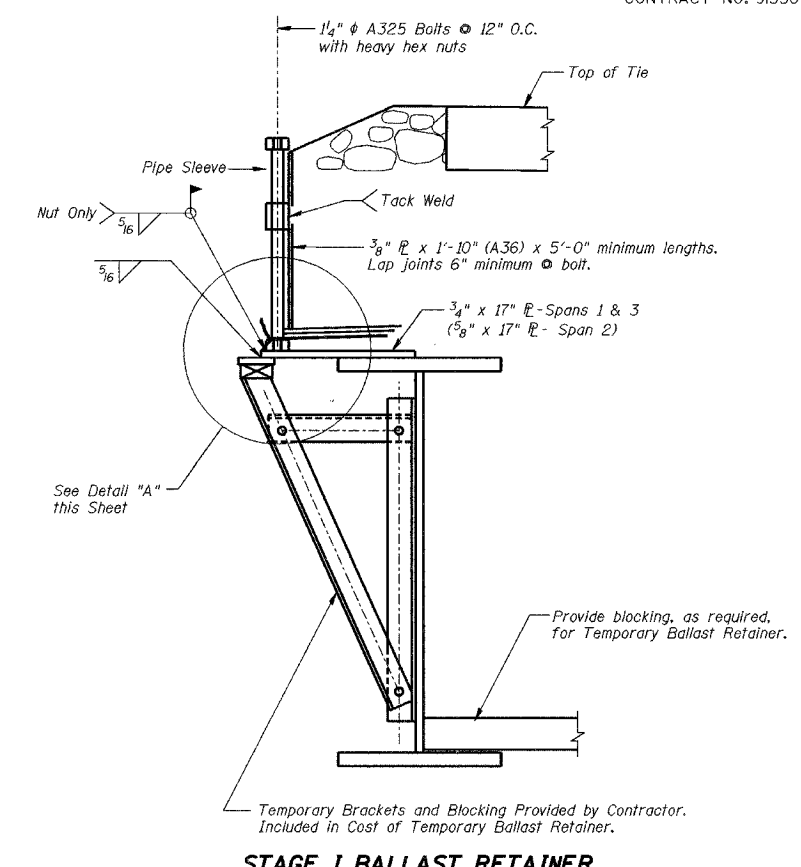
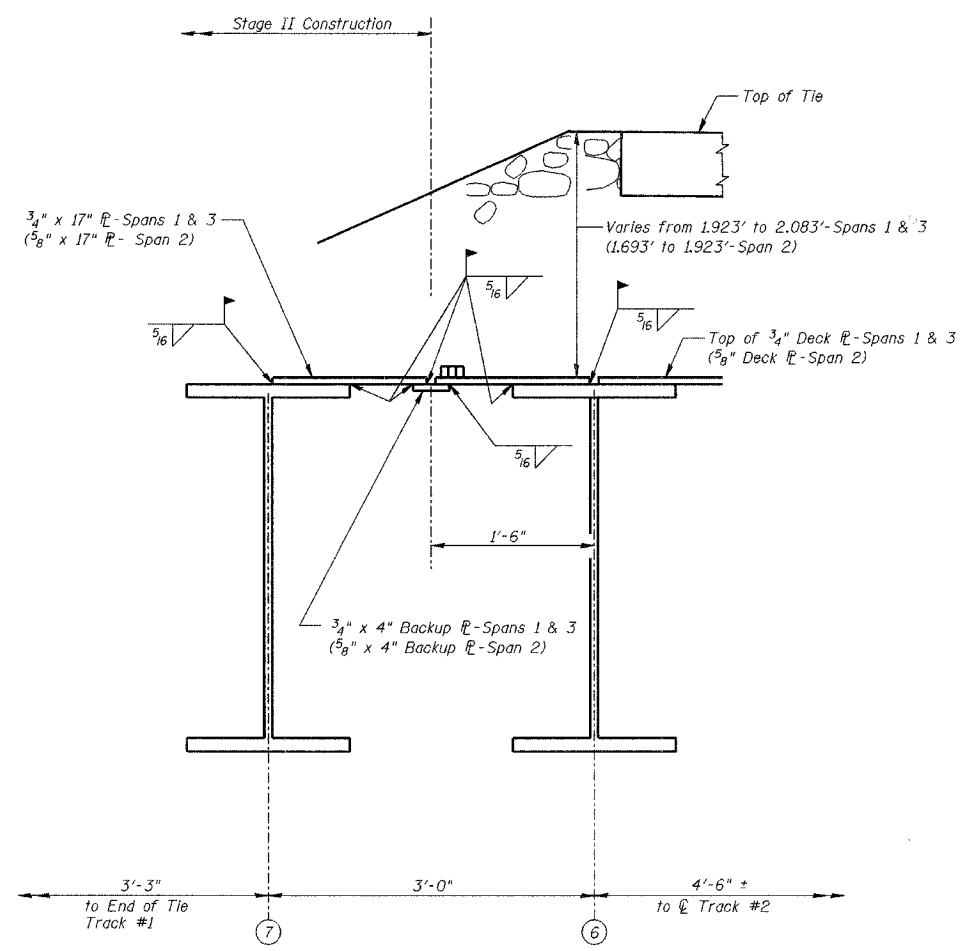
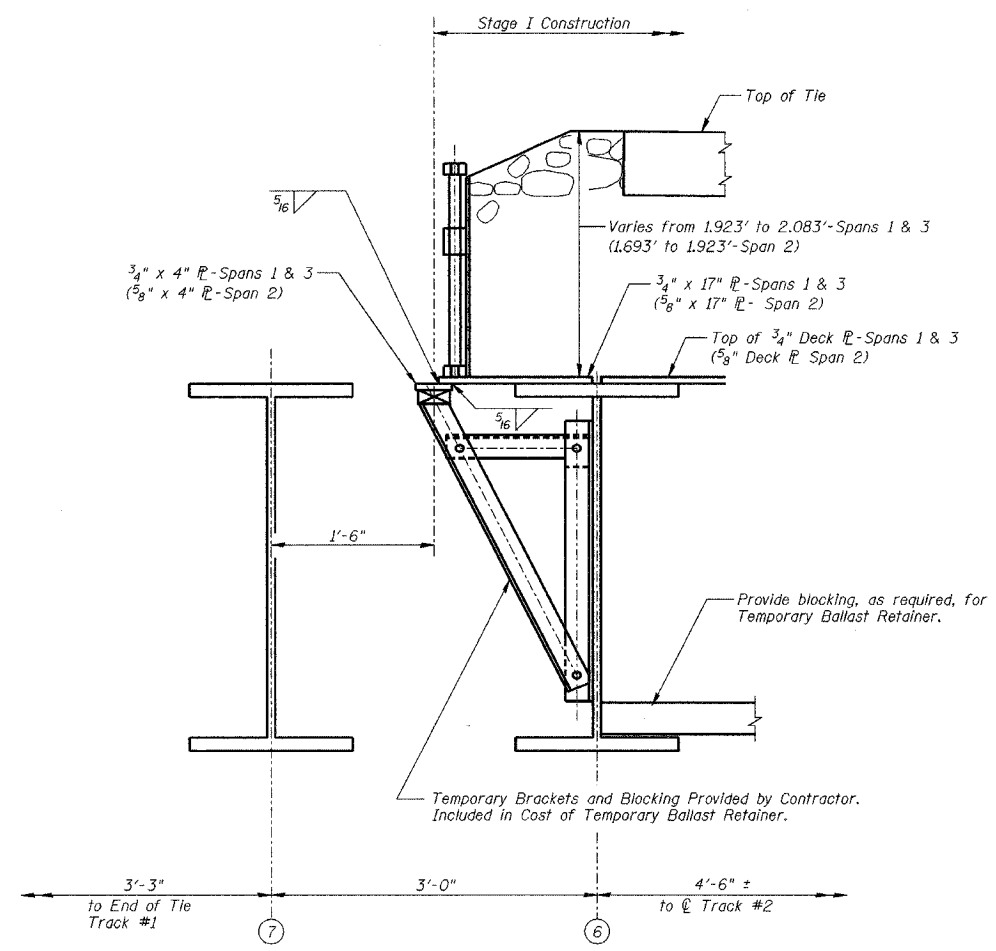
Notes

- Deck plates shall be A709 Gr. 50.
- See sheet 10 for sections A-A, B-B, C-C, D-D, E-E and F-F.

SUPERSTRUCTURE DETAILS			
Date	Designed KWB	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn MLS		9
	Checked MJP		of 24
	Approved KWB		URS Job No. 36430866
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		

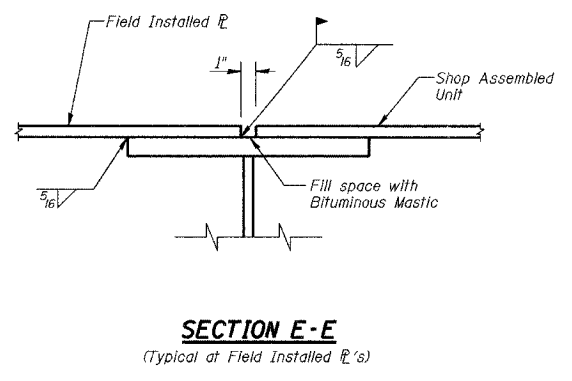
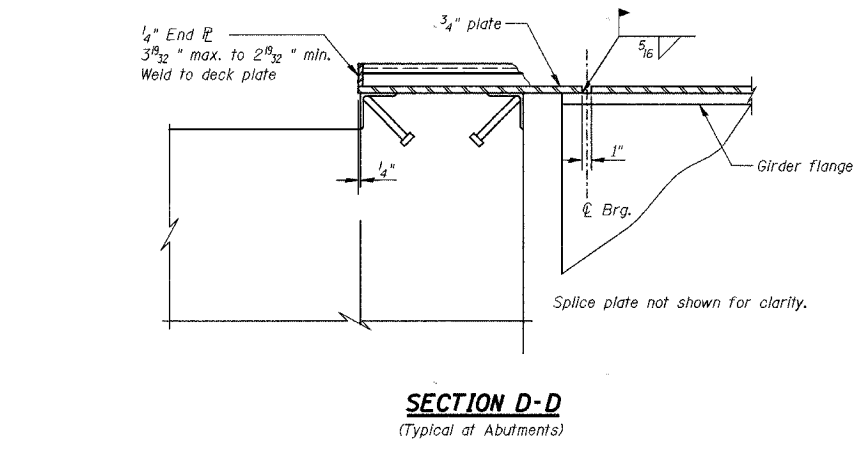
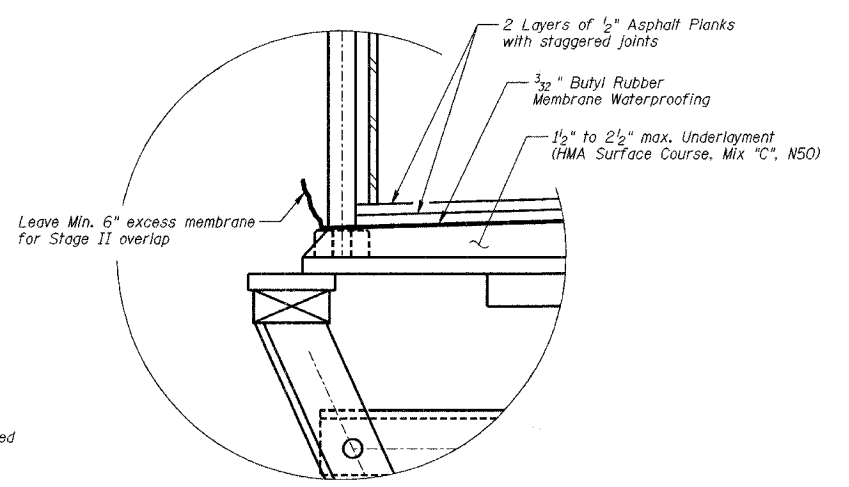
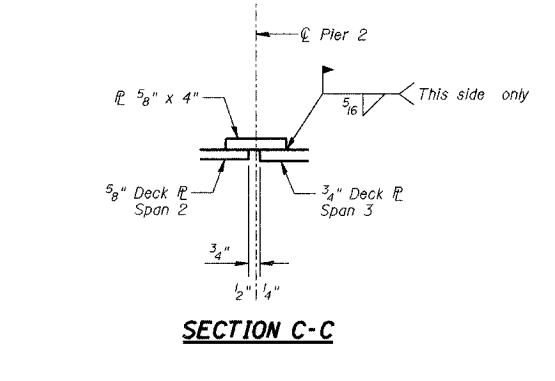
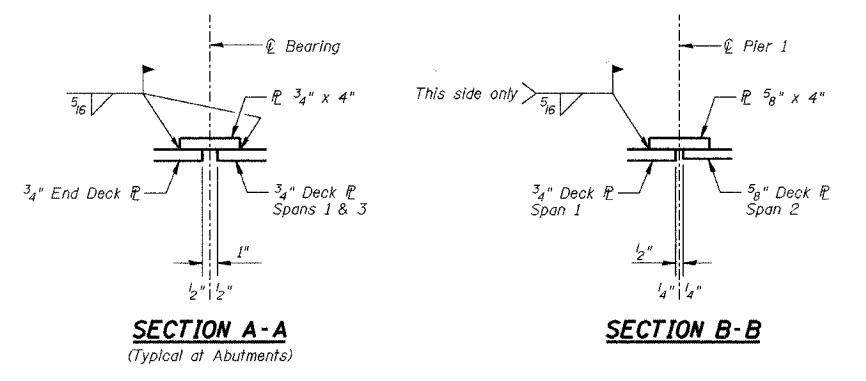
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	114
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

CONTRACT NO. 91358



STAGE I CONSTRUCTION JOINT- SPANS 1, 2 & 3

SECTION F-F



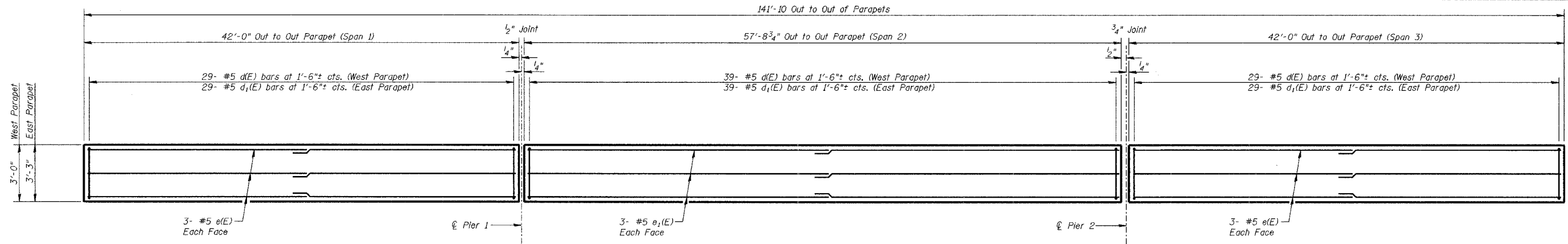
DETAIL "A"

SUPERSTRUCTURE DETAILS

Date	Designed KWB	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn MLS		10
	Checked MJP		of 24
	Approved KWB		URS Job No.
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		36430866

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	115
FED. ROAD DIST. NO.	ILLINOIS PROJECT			

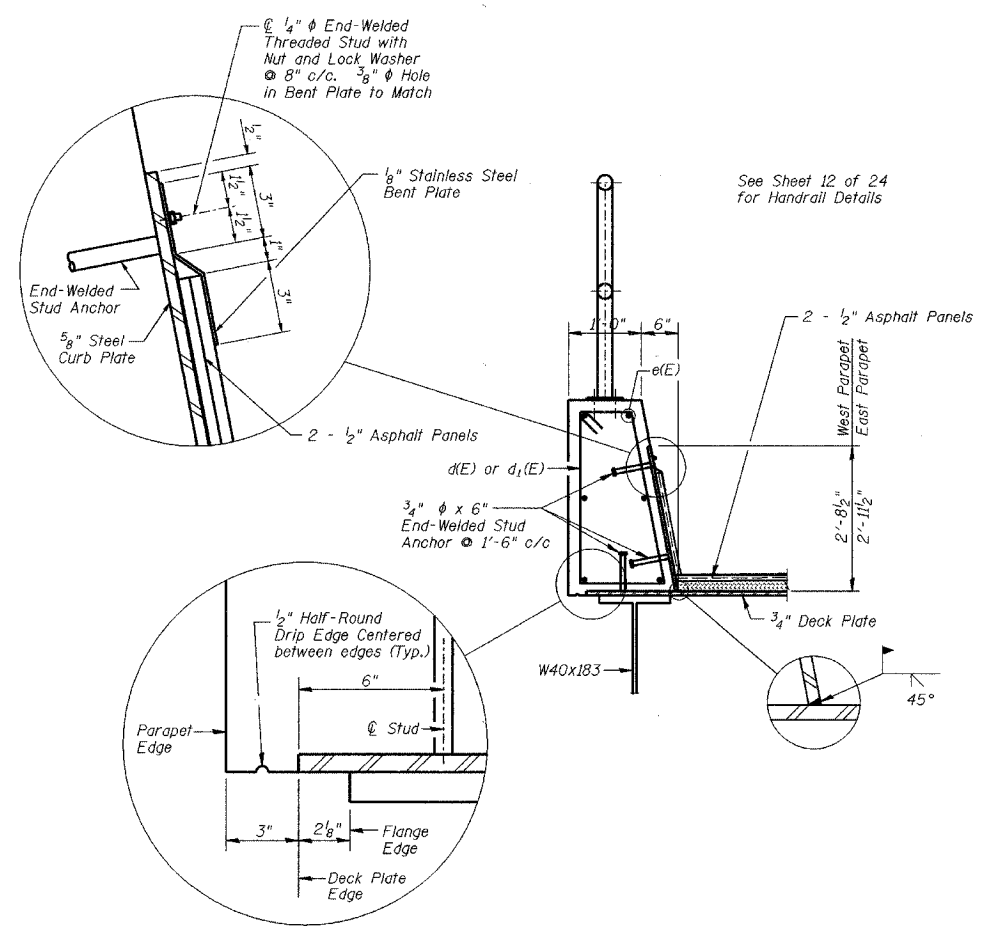
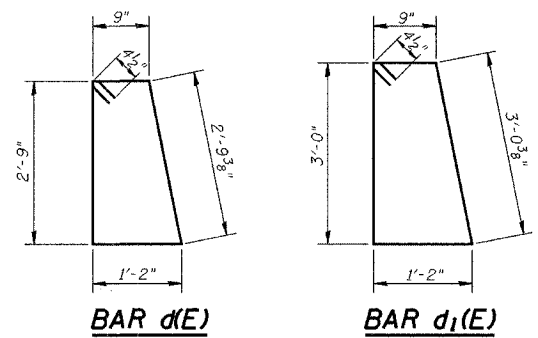
CONTRACT NO. 91358



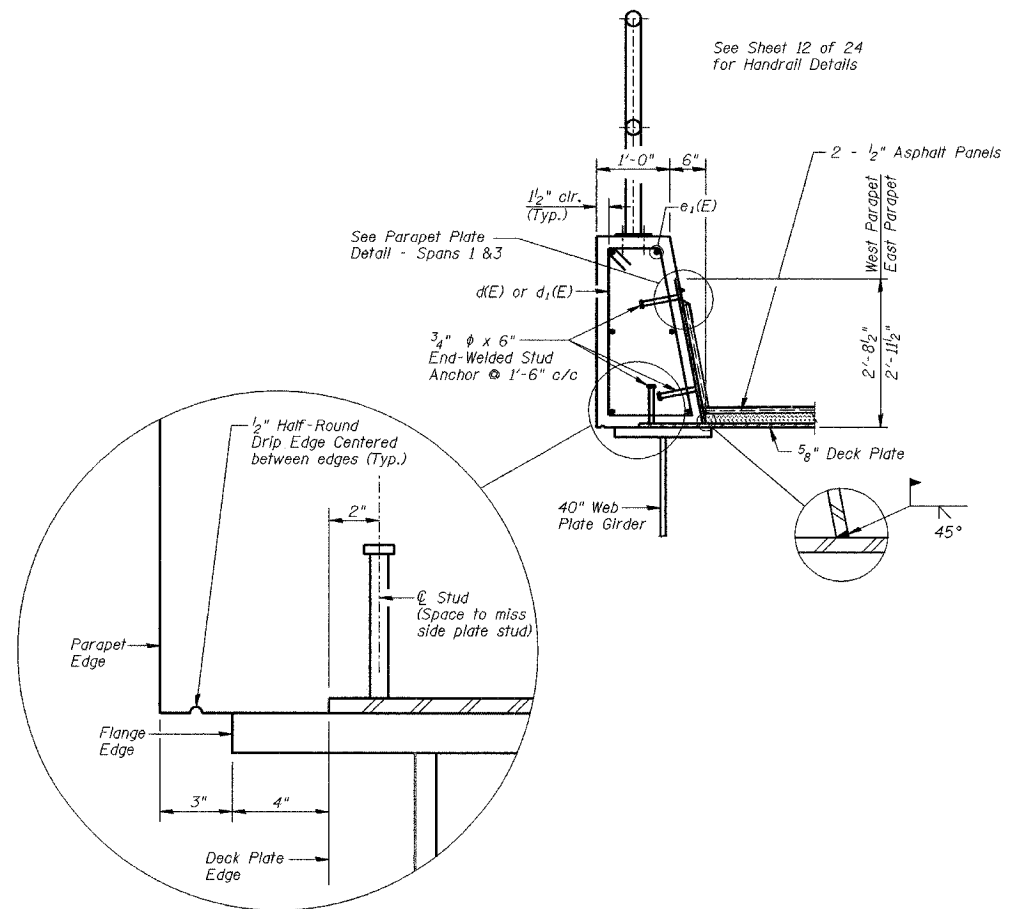
INSIDE ELEVATION OF PARAPETS

**BILL OF MATERIAL
EAST AND WEST PARAPETS**

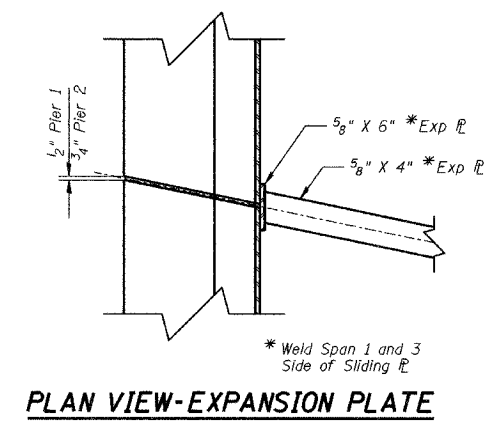
Bar	No.	Size	Length	Shape
e(E)	24	#5	21'-8"	—
e1(E)	12	#5	29'-7"	—
d(E)	97	#5	8'-3"	⊏
d1(E)	97	#5	8'-9"	⊏
Concrete Superstructures			Cu. Yd.	41.0
Reinforcement Bars, Epoxy Coated			Pound	2640



PARAPET PLATE DETAIL - SPANS 1 & 3



PARAPET PLATE DETAIL - SPAN 2



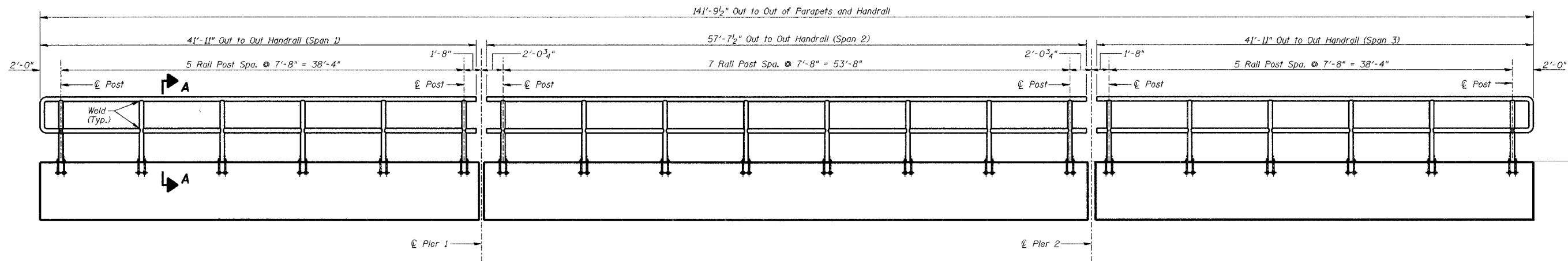
PLAN VIEW-EXPANSION PLATE

MIN. LAP
#5 bar = 1'-8"

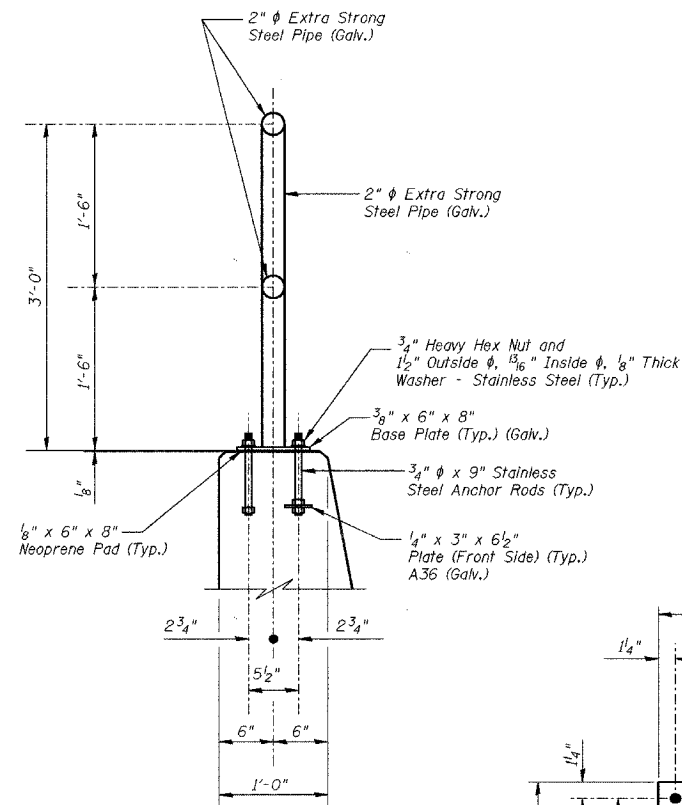
PARAPET DETAILS			Sheet No.
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	11 of 24
Revisions	Drawn BKN		
	Checked KWB		
	Approved KWB		
Prepared by:	URS		
345 East Ash Avenue, Suite B Decatur, IL 62526		URS Job No. 36430866	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	116
FED. ROAD DIST. NO.	ILLINOIS PROJECT			

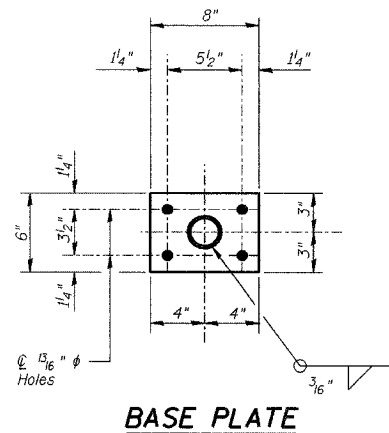
CONTRACT NO. 91358



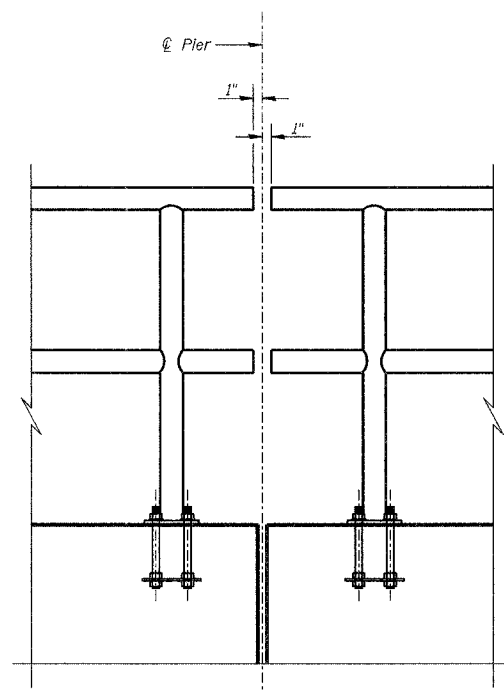
INSIDE ELEVATION OF HANDRAIL ALONG PARAPET



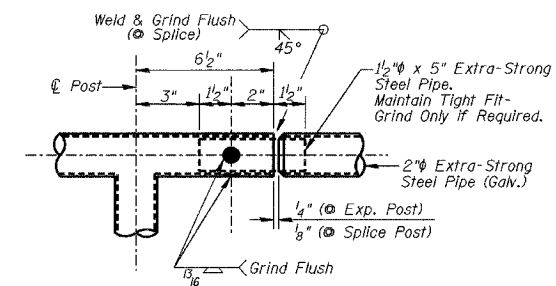
SECTION A-A



BASE PLATE



AT PIERS



SPlice DETAIL

BILL OF MATERIAL

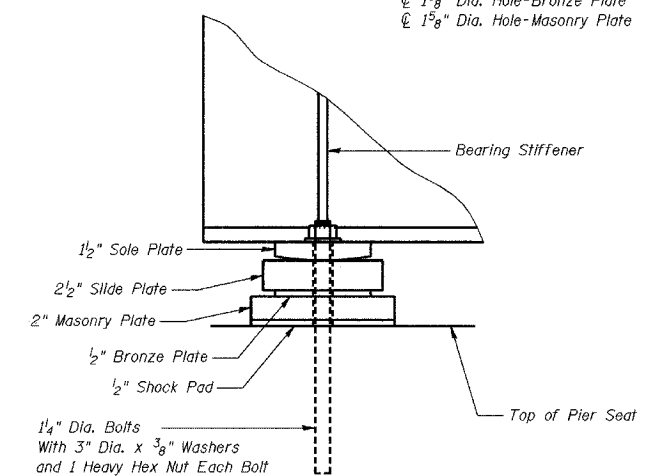
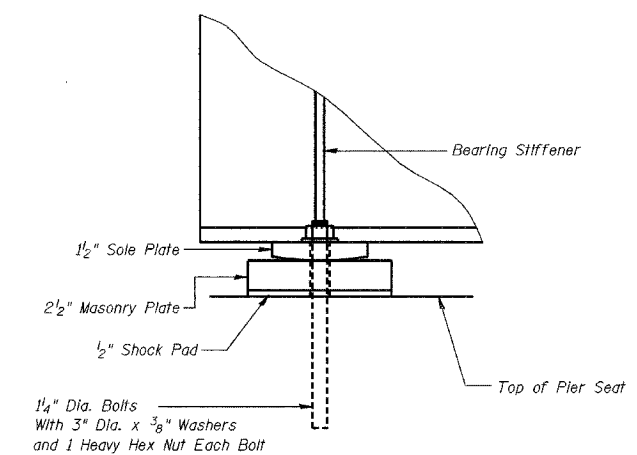
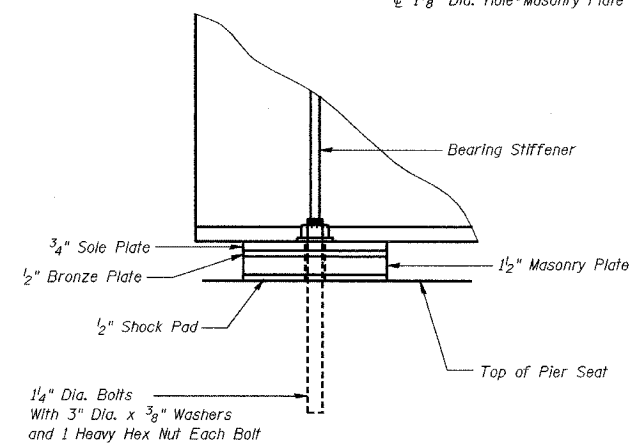
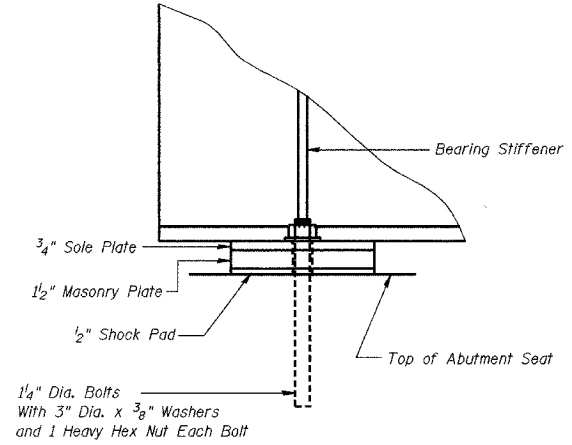
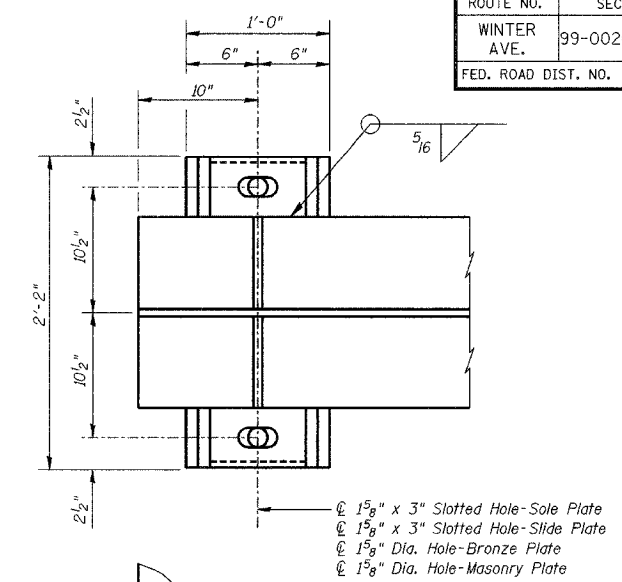
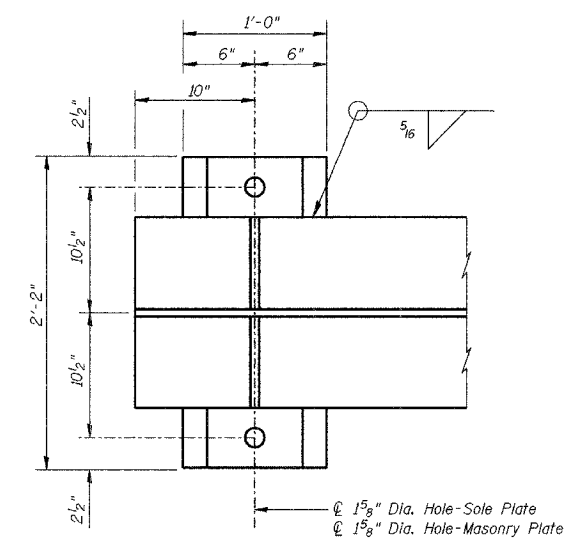
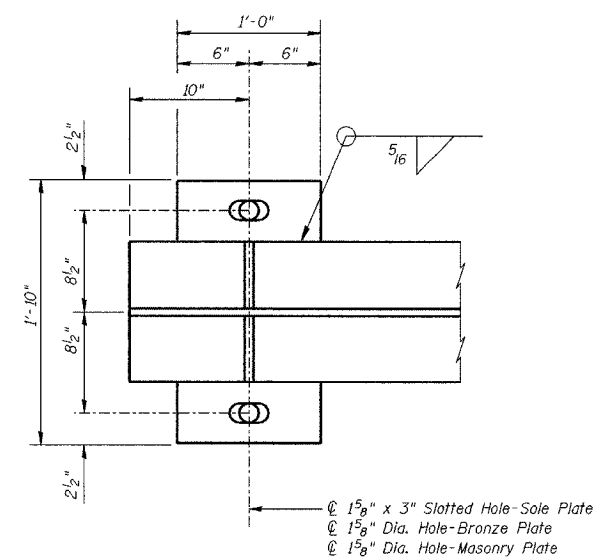
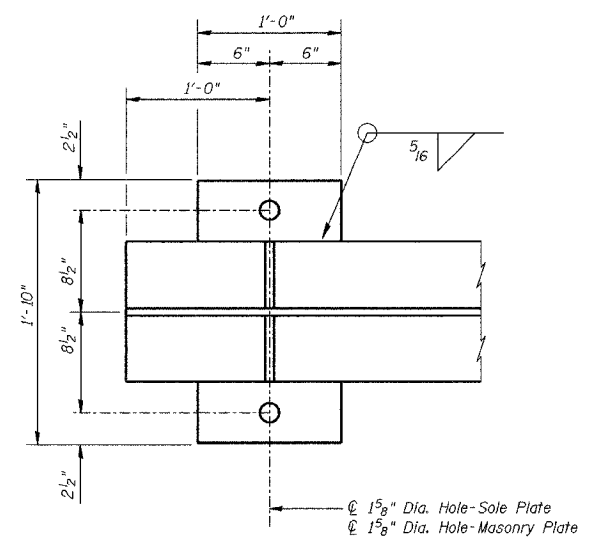
Item	Unit	Quantity
Pipe Handrail	Foot	284

NOTES:

All Post, Pipe, Pipe Splices and Base Plates shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385. Galvanized Pipe shall not be painted.

HANDRAIL DETAILS

Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn BKN		12
	Checked KWB		of 24
	Approved KWB		URS Job No.
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		36430866

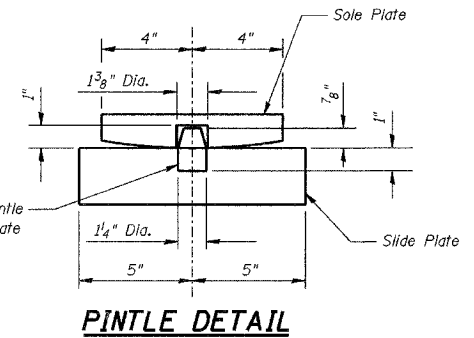
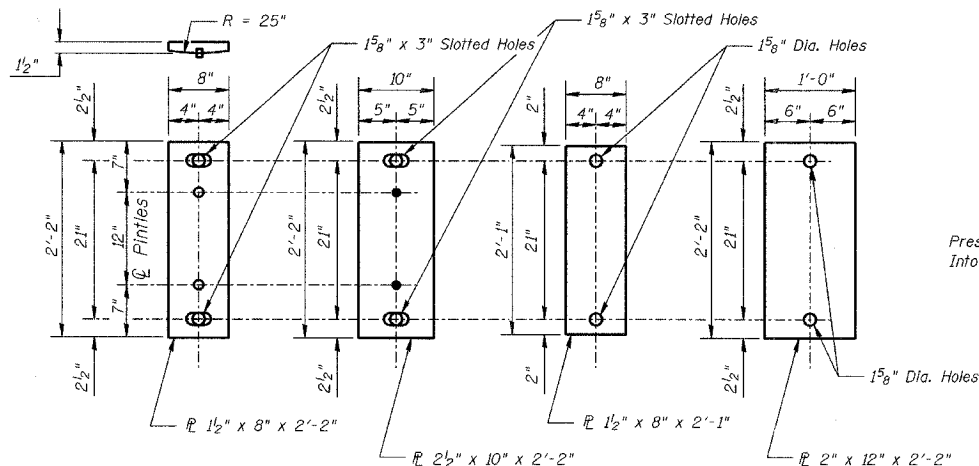
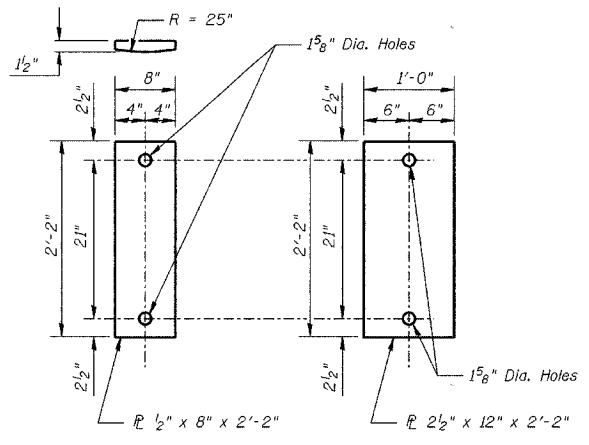


FIXED BEARINGS AT ABUTMENTS

EXPANSION BEARING - SPANS 1 & 3

FIXED BEARING - SPAN 2 (PIER 1)

EXPANSION BEARING - SPAN 2 (PIER 2)

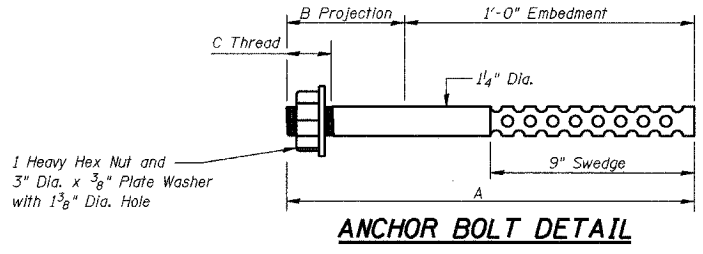


Notes

1. Material for sole plates, slide plates and masonry plates shall be A709 Grade 50 steel. Cost included with Furnishing and Erecting Structural Steel.
2. Bronze bearing and expansion plates shall conform to ASTM B22, Alloy C91100. Solid lubricant shall be in accordance with AREMA Chapter 15, Section 10.4.2.3. Top surface of bronze plate shall be provided with trepanned recesses which shall be filled with the solid lubricant per AREMA Chapter 15 Section 11.3.1b. Edges of bronze plate shall be chamfered. Cost included in Furnishing and Erecting Structural Steel.
3. All structural steel bearing plates shall be flat rolled steel plates with all surfaces smooth and free from warp and all edges smooth, straight and vertical.
4. All plate cuts shall be machine or machine flame cuts.
5. Bearing pads shall be Shock Pad Style No. 15175 as manufactured by Alert Manufacturing and Supply Company, Chicago, Illinois, or FABREEKA Pads as manufactured by Fabreka Products Company, 1190 Adams Street, Boston, Massachusetts, or SORBTEX Pads as manufactured by Voss Engineering, Inc., Chicago, Illinois or approved equal. Cost of pads shall be included in the cost of Concrete Structures.

PLATE DETAILS - SPAN 2 (PIER 1)

PLATE DETAILS - SPAN 2 (PIER 2)



ANCHOR BOLT DIMENSIONS

Location	A	B	C	Qty.
Span 1 & 3 Brgs.	1'-6"	6"	3 1/2"	104
Fixed Brgs. Span 2 (Pier 1)	1'-7"	7"	3"	26
Fixed Brgs. Span 2 (Pier 2)	1'-10"	10"	3 1/2"	26

BILL OF MATERIAL

Item	Unit	Quantity
Anchor Bolts, 1 1/4"	Each	156

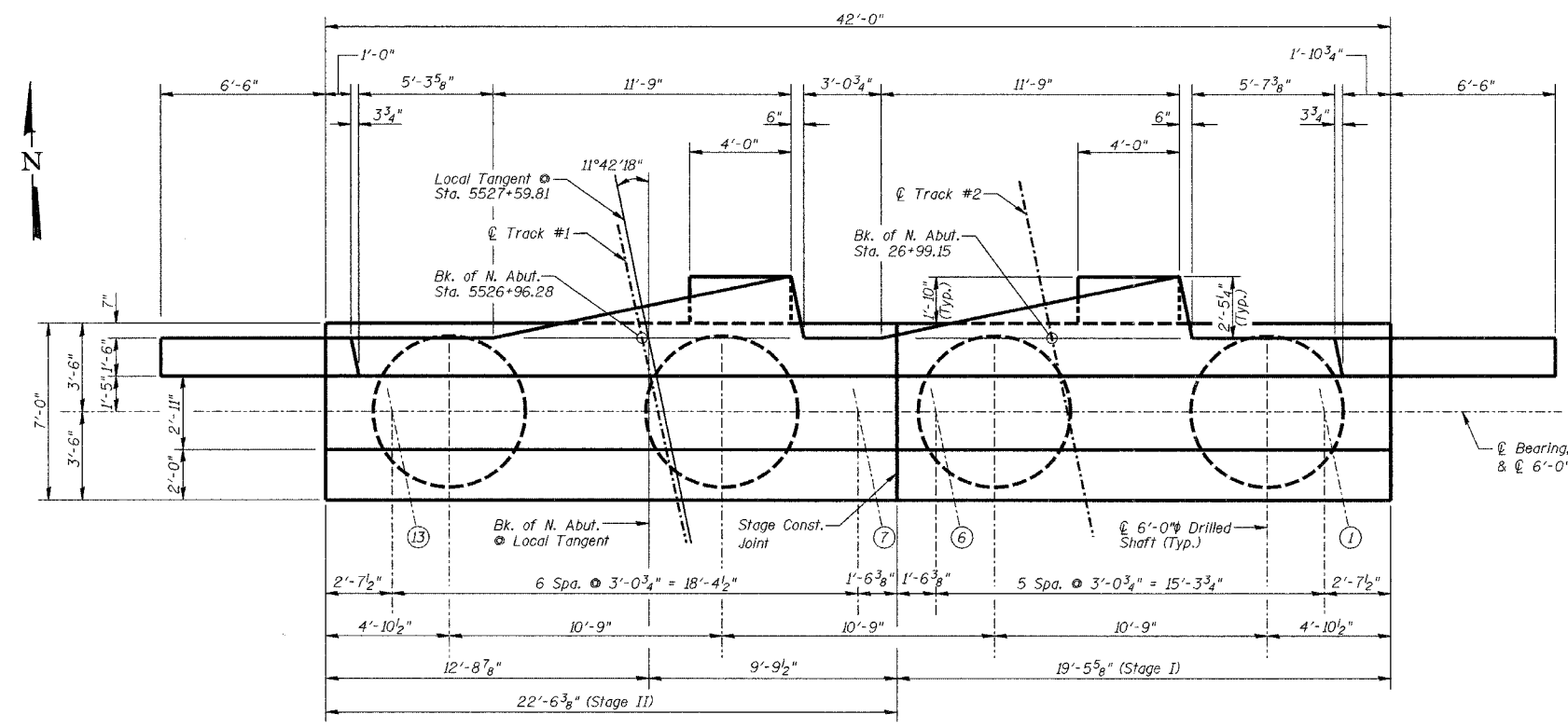
BEARING DETAILS

Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn MLS		13
	Checked KWB		of 24
	Approved KWB		URS Job No. 36430866
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		

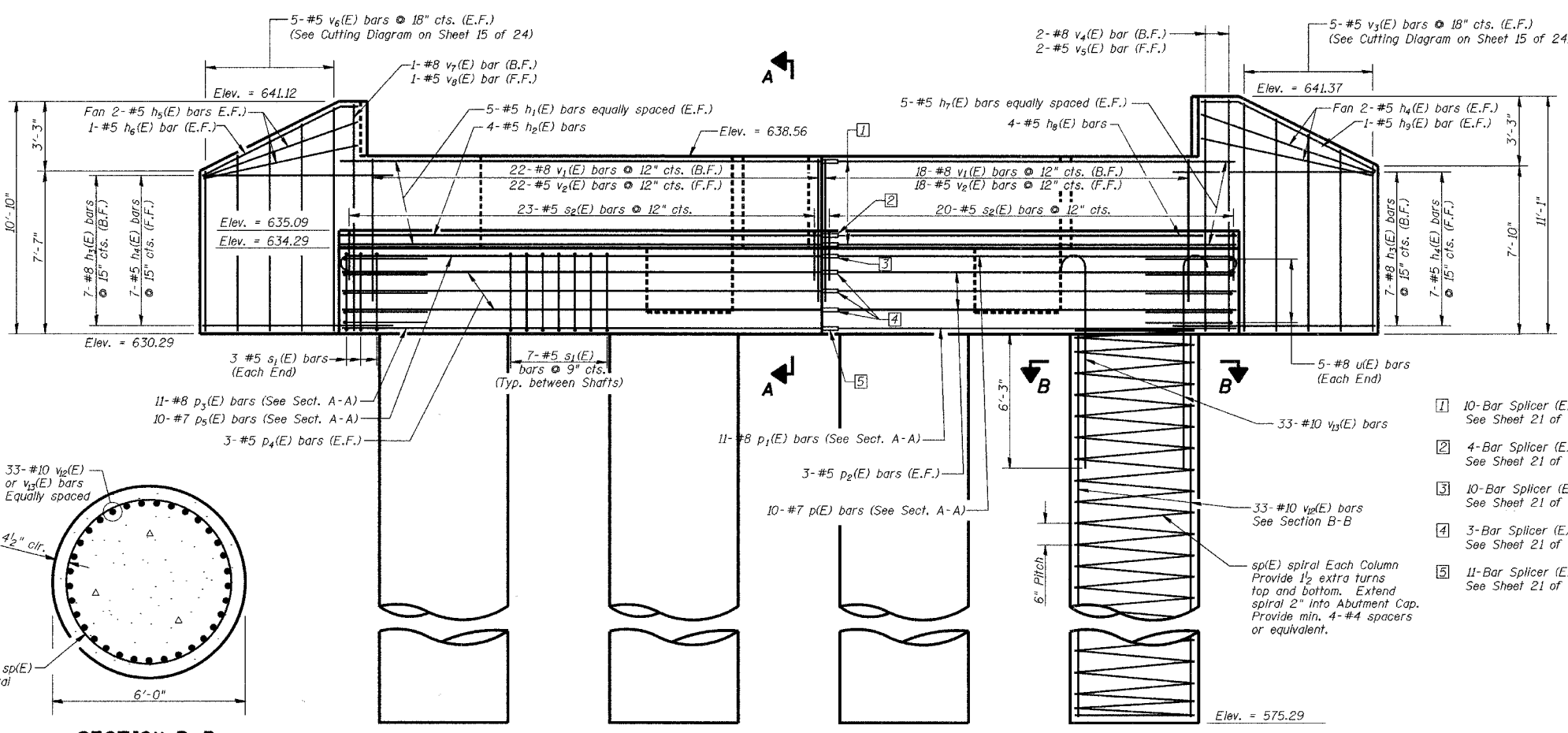
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	118
FED. ROAD DIST. NO.	ILLINOIS PROJECT		CONTRACT NO. 91358	

NOTES:

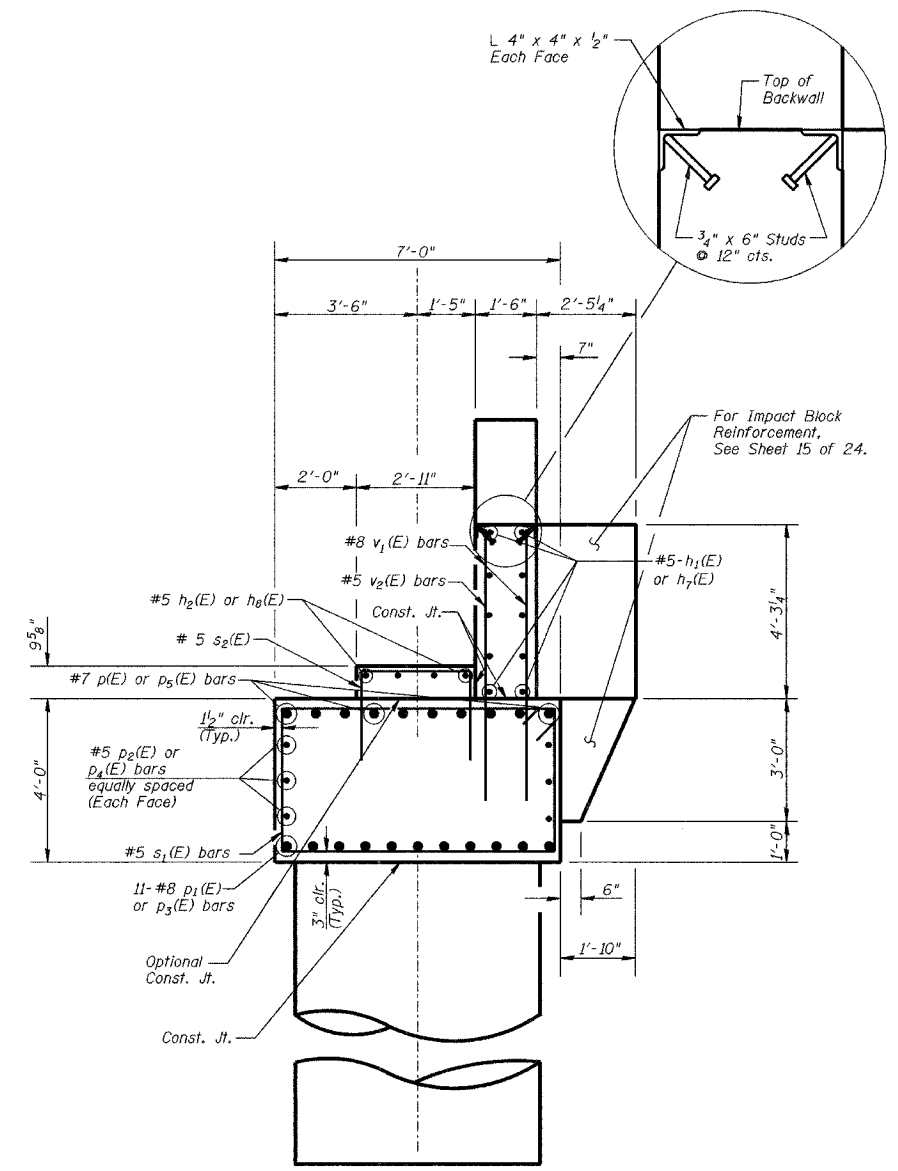
- PJF material shall be placed between the Parapet and Abutment Wingwalls.
- Four Backwall after Superstructure is in place, but prior to placing End Deck Plate.
- See Sheet 15 of 24 for Bill of Material.



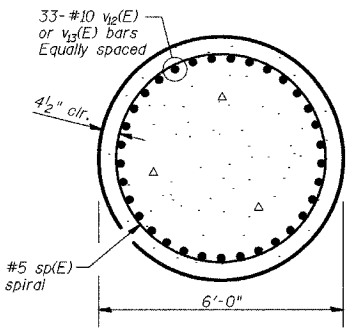
PLAN



ELEVATION



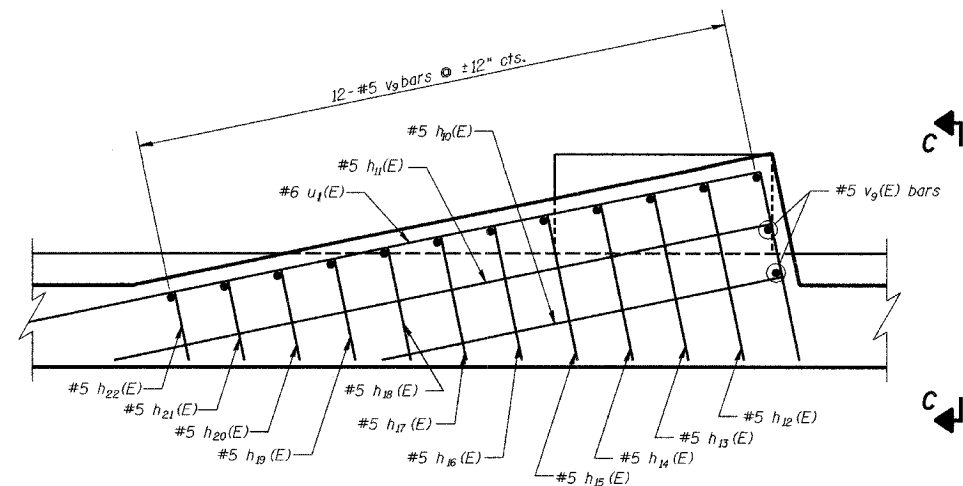
SECTION A-A



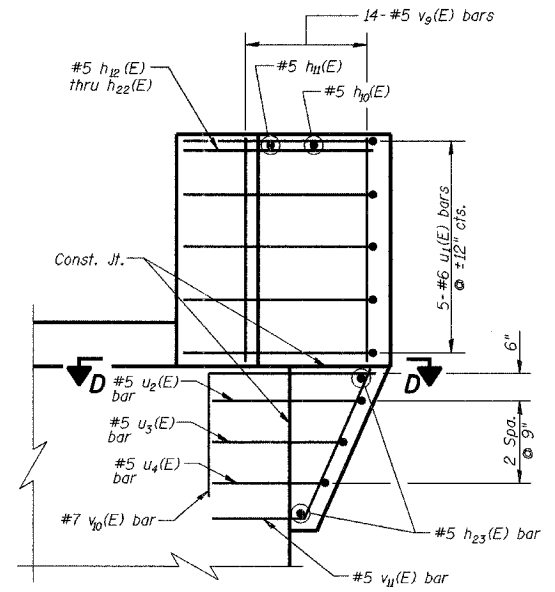
SECTION B-B

- 10-Bar Splicer (E) for #5 bars See Sheet 21 of 24 for details.
- 4-Bar Splicer (E) for #5 bars See Sheet 21 of 24 for details.
- 10-Bar Splicer (E) for #7 bars See Sheet 21 of 24 for details.
- 3-Bar Splicer (E) for #5 bars (Each Face) See Sheet 21 of 24 for details.
- 11-Bar Splicer (E) for #8 bars See Sheet 21 of 24 for details.

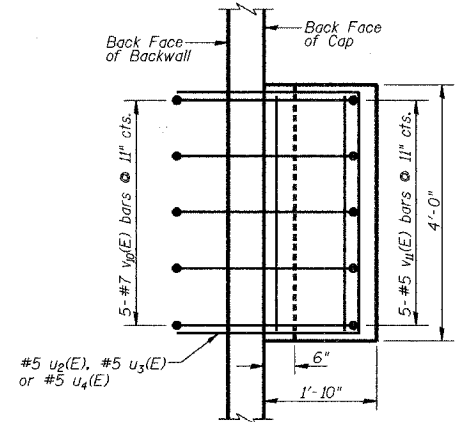
NORTH ABUTMENT			Sheet No.
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	14
Revisions	Drawn BKN		
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		of 24 URS Job No. 36430866



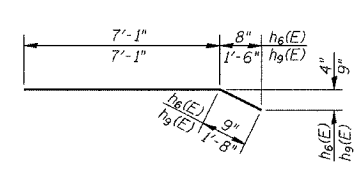
IMPACT BLOCK REINFORCEMENT
 (Cut $u_1(E)$ & $h_{11}(E)$ bars as required for Stage Const. Joint)



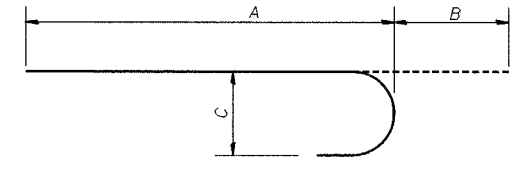
SECTION C-C



SECTION D-D

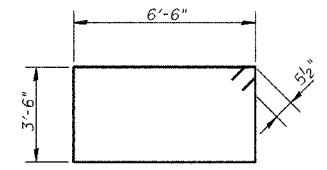


BARS $h_6(E)$ & $h_9(E)$

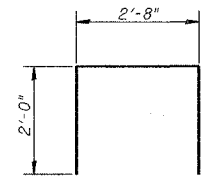


BARS $p(E)$, $p_5(E)$ & $v_{13}(E)$

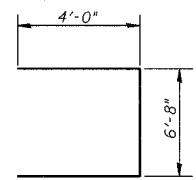
Bar	A	B	C
$p(E)$	19'-2"	10"	7"
$p_5(E)$	22'-2"	10"	7"
$v_{13}(E)$	9'-9"	1'-5"	1'-1 1/4"



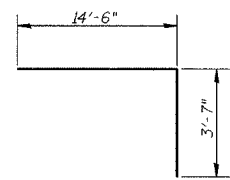
BAR $s_1(E)$



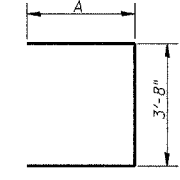
BAR $s_2(E)$



BAR $u(E)$

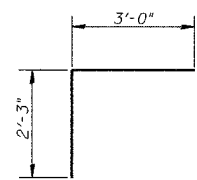


BAR $u_1(E)$

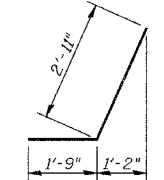


BARS $u_2(E)$, $u_3(E)$ & $u_4(E)$

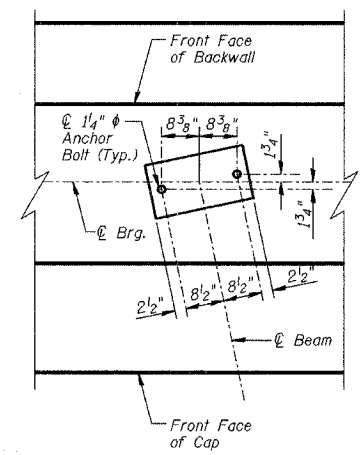
Bar	A
$u_2(E)$	2'-10"
$u_3(E)$	2'-6"
$u_4(E)$	2'-2"



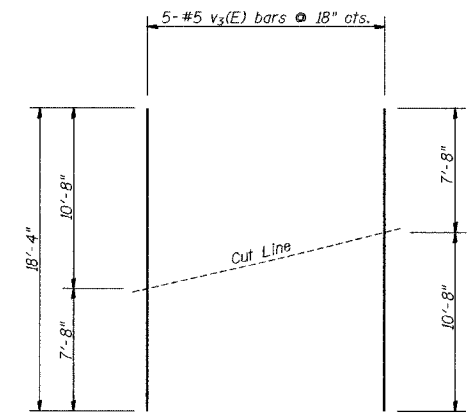
BAR $v_{10}(E)$



BAR $v_{11}(E)$

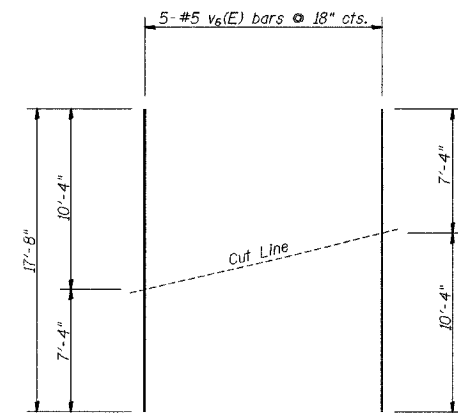


ANCHOR BOLT LAYOUT



FIELD CUTTING DIAGRAM

Order bars full length. Cut bars in field as shown. Use remaining bars in opposite face.



FIELD CUTTING DIAGRAM

Order bars full length. Cut bars in field as shown. Use remaining bars in opposite face.

**NORTH ABUTMENT
 BILL OF MATERIALS**

Bar	No.	Size	Length	Shape
$h_1(E)$	10	#5	22'-4"	
$h_2(E)$	4	#5	22'-2"	
$h_3(E)$	14	#8	9'-0"	
$h_4(E)$	18	#5	8'-0"	
$h_5(E)$	4	#5	7'-3"	
$h_6(E)$	2	#5	7'-9"	
$h_7(E)$	10	#5	19'-4"	
$h_8(E)$	4	#5	19'-2"	
$h_9(E)$	2	#5	8'-9"	
$h_{10}(E)$	2	#5	7'-7"	
$h_{11}(E)$	2	#5	12'-5"	
$h_{12}(E)$	2	#5	3'-4"	
$h_{13}(E)$	2	#5	3'-2"	
$h_{14}(E)$	2	#5	2'-11"	
$h_{15}(E)$	2	#5	2'-9"	
$h_{16}(E)$	2	#5	2'-6"	
$h_{17}(E)$	2	#5	2'-4"	
$h_{18}(E)$	2	#5	2'-1"	
$h_{19}(E)$	2	#5	1'-11"	
$h_{20}(E)$	2	#5	1'-8"	
$h_{21}(E)$	2	#5	1'-6"	
$h_{22}(E)$	2	#5	1'-3"	
$h_{23}(E)$	4	#5	3'-8"	
$p(E)$	10	#7	20'-0"	
$p_1(E)$	11	#8	19'-2"	
$p_2(E)$	6	#5	19'-2"	
$p_3(E)$	11	#8	22'-2"	
$p_4(E)$	6	#5	22'-2"	
$p_5(E)$	10	#7	23'-0"	
$s_1(E)$	27	#5	20'-11"	
$s_2(E)$	43	#5	6'-8"	
$sp(E)$	4	#5	55'-0"	
$u(E)$	10	#8	14'-8"	
$u_1(E)$	10	#6	18'-1"	
$u_2(E)$	2	#5	9'-4"	
$u_3(E)$	2	#5	8'-8"	
$u_4(E)$	2	#5	8'-0"	
$v_1(E)$	40	#8	6'-9"	
$v_2(E)$	40	#5	5'-9"	
$v_3(E)$	5	#5	18'-4"	
$v_4(E)$	2	#8	10'-9"	
$v_5(E)$	2	#5	10'-9"	
$v_6(E)$	5	#5	17'-8"	
$v_7(E)$	1	#8	10'-6"	
$v_8(E)$	1	#5	10'-6"	
$v_9(E)$	28	#5	4'-0"	
$v_{10}(E)$	10	#7	5'-3"	
$v_{11}(E)$	10	#5	4'-8"	
$v_{12}(E)$	132	#10	55'-0"	
$v_{13}(E)$	132	#10	11'-2"	
Structure Excavation	Cu. Yd.	213.7		
Bar Splicer	Each	41		
Concrete Structures	Cu. Yd.	70.9		
Reinforcement Bars Epoxy Coated	Lbs.	52,130		
Concrete Sealer	Sq. Ft.	240		
Drilled Shaft In Soil	Cu. Yd.	230.4		

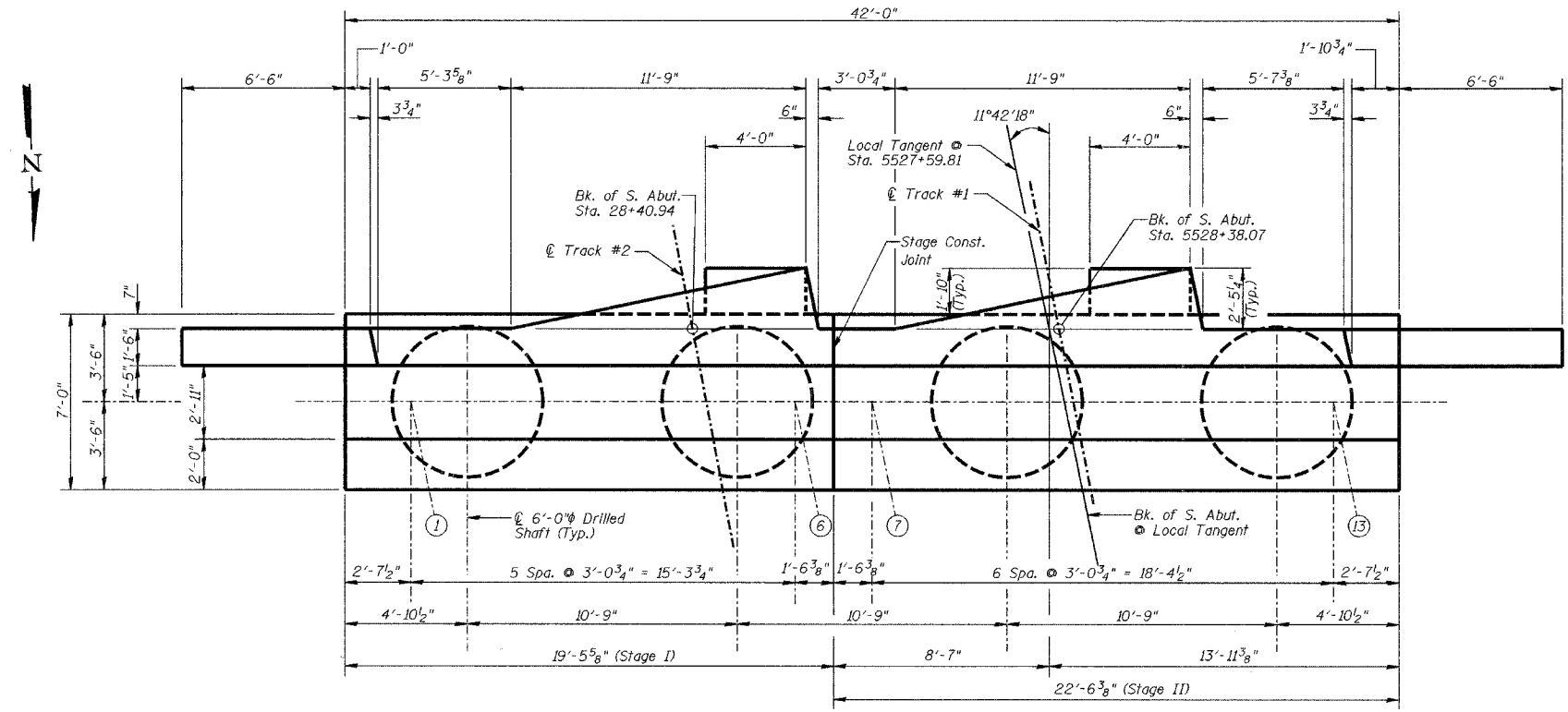
NORTH ABUTMENT DETAILS

Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn BKN		15
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		of 24 URS Job No. 36430866

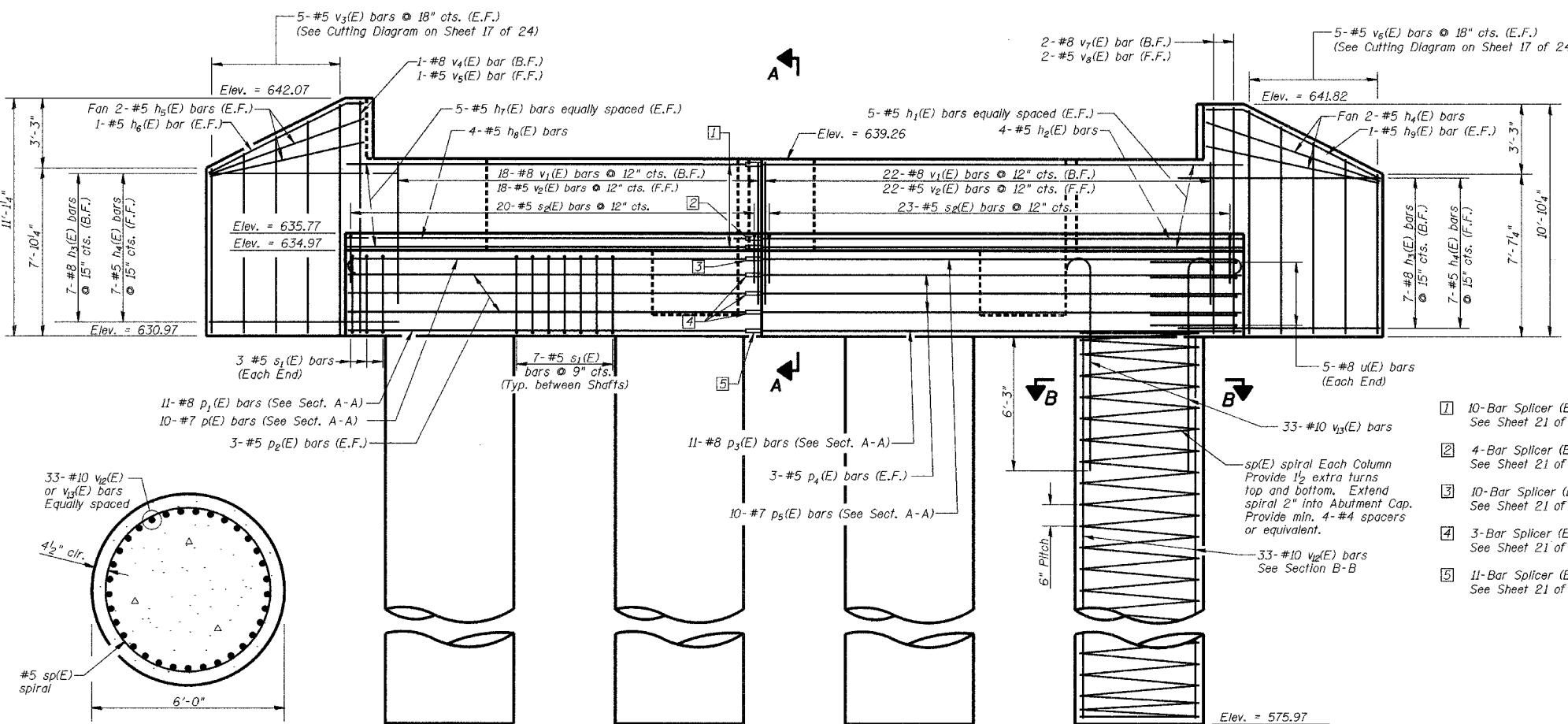
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	120
FED. ROAD DIST. NO.	ILLINOIS PROJECT		CONTRACT NO. 91358	

NOTES:

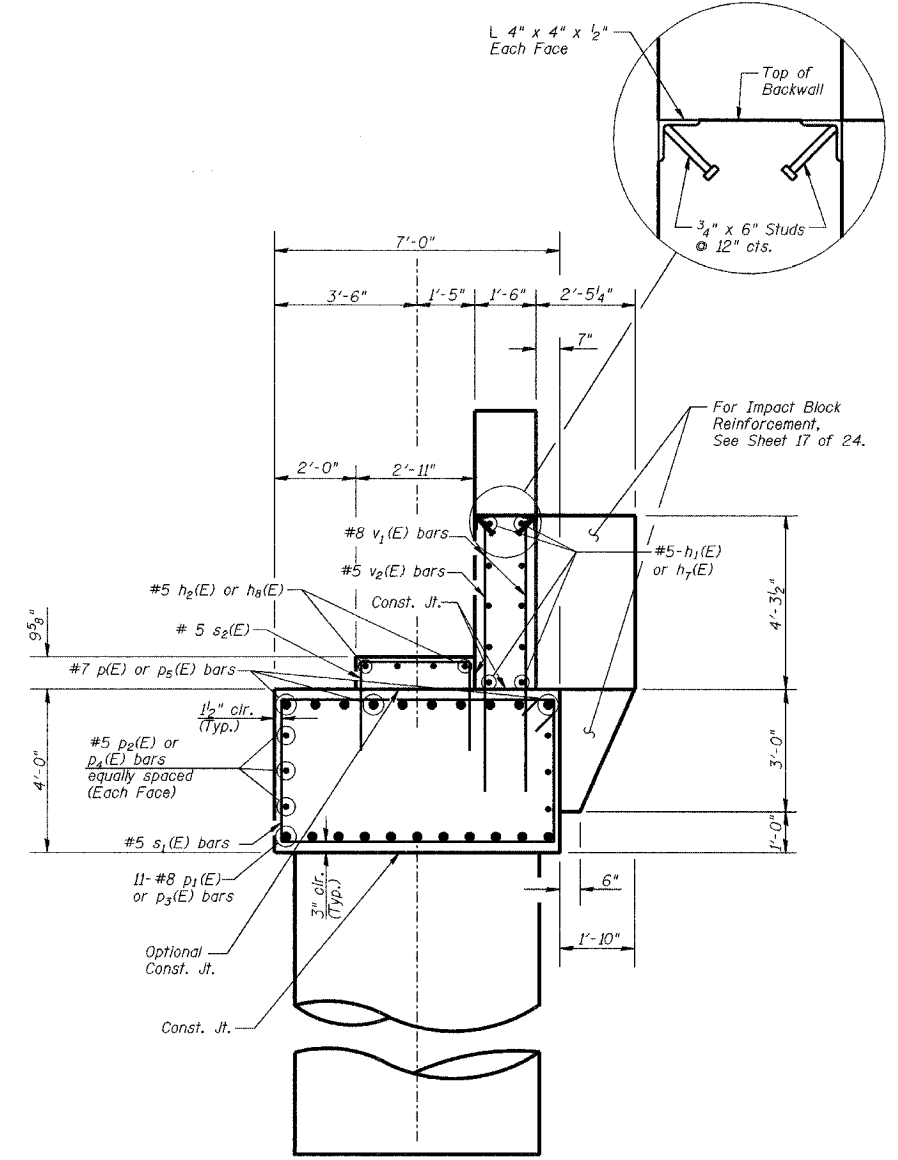
- PJF material shall be placed between the Parapet and Abutment Wingwalls.
- Pour Backwall after Superstructure is in place, but prior to placing End Deck Plate.
- See Sheet 17 of 24 for Bill of Material.



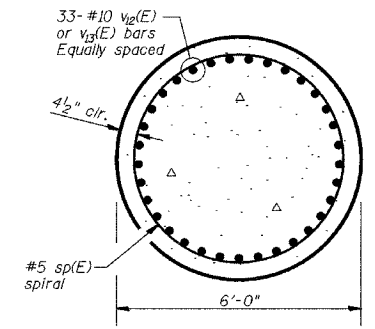
PLAN



ELEVATION



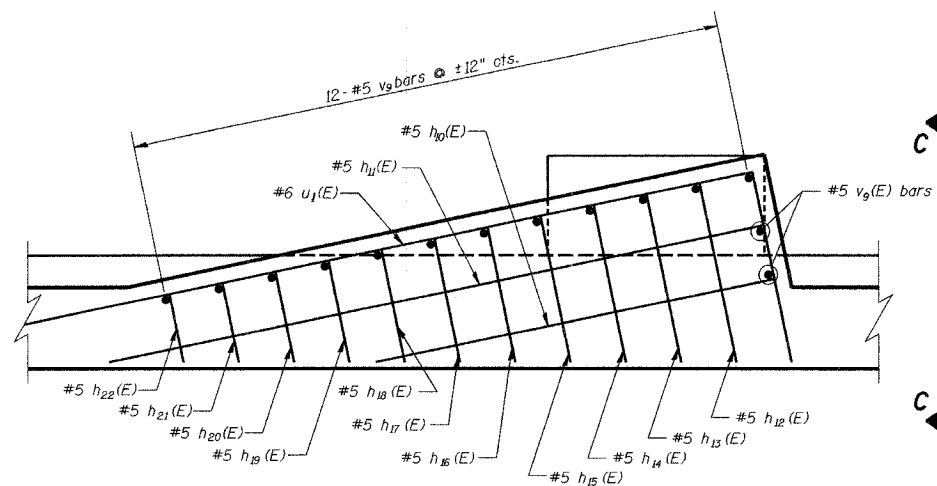
SECTION A-A



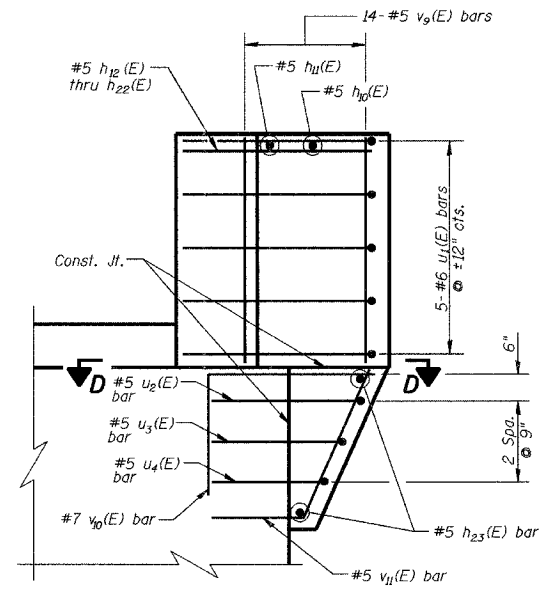
SECTION B-B

- 10-Bar Splicer (E) for #5 bars See Sheet 21 of 24 for details.
- 4-Bar Splicer (E) for #5 bars See Sheet 21 of 24 for details.
- 10-Bar Splicer (E) for #7 bars See Sheet 21 of 24 for details.
- 3-Bar Splicer (E) for #5 bars (Each Face) See Sheet 21 of 24 for details.
- 11-Bar Splicer (E) for #8 bars See Sheet 21 of 24 for details.

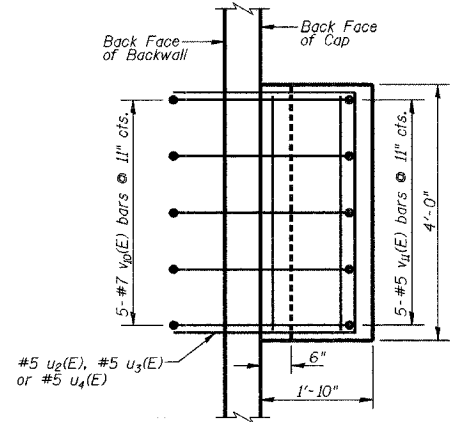
SOUTH ABUTMENT			Sheet No.
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	16
Revisions	Drawn BKN		
	Checked KWB		
	Approved KWB		
Prepared by:	URS		
345 East Ash Avenue, Suite B Decatur, IL 62526			of 24 URS Job No. 36430866



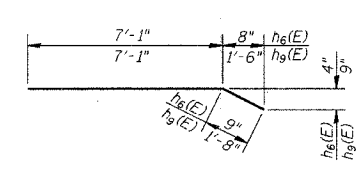
IMPACT BLOCK REINFORCEMENT
(Cut $u_1(E)$ & $h_{11}(E)$ bars as required for Stage Const. Joint)



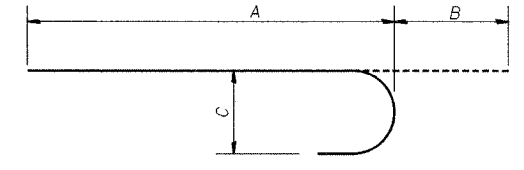
SECTION C-C



SECTION D-D

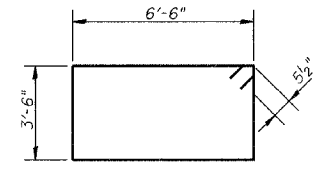


BARS $h_6(E)$ & $h_9(E)$

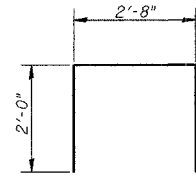


BARS $p(E)$, $p_5(E)$ & $v_5(E)$

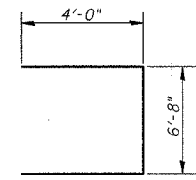
Bar	A	B	C
$p(E)$	19'-2"	10"	7"
$p_5(E)$	22'-2"	10"	7"
$v_5(E)$	9'-9"	1'-5"	1'-14"



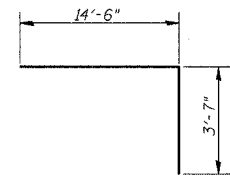
BAR $s_1(E)$



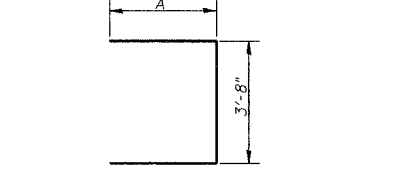
BAR $s_2(E)$



BAR $u(E)$

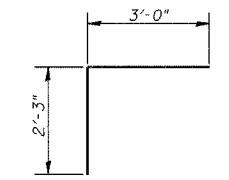


BAR $u_1(E)$

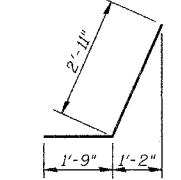


BARS $u_2(E)$, $u_3(E)$ & $u_4(E)$

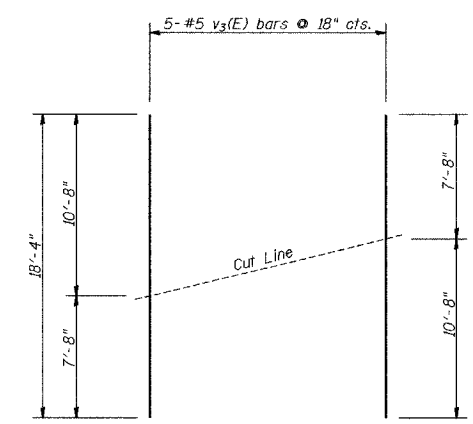
Bar	A
$u_2(E)$	2'-10"
$u_3(E)$	2'-6"
$u_4(E)$	2'-2"



BAR $v_0(E)$

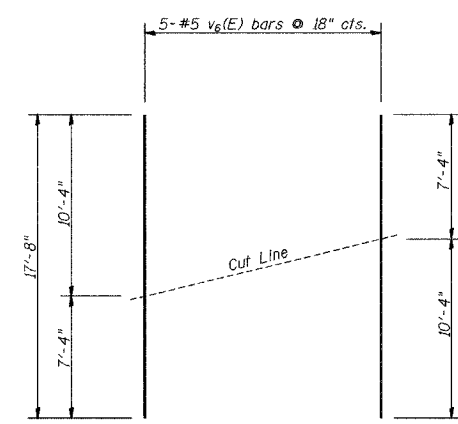


BAR $v_{11}(E)$



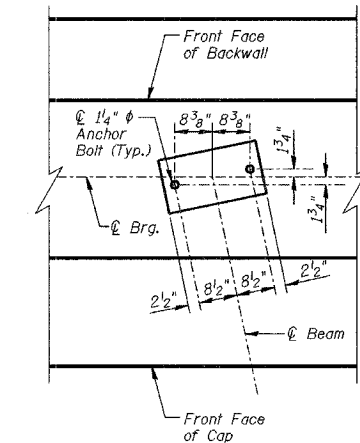
FIELD CUTTING DIAGRAM

Order bars full length. Cut bars in field as shown. Use remaining bars in opposite face.



FIELD CUTTING DIAGRAM

Order bars full length. Cut bars in field as shown. Use remaining bars in opposite face.



ANCHOR BOLT LAYOUT

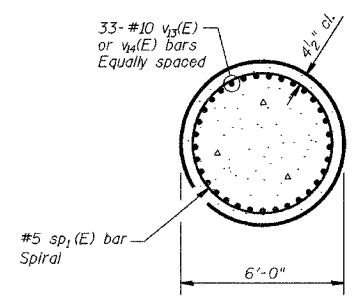
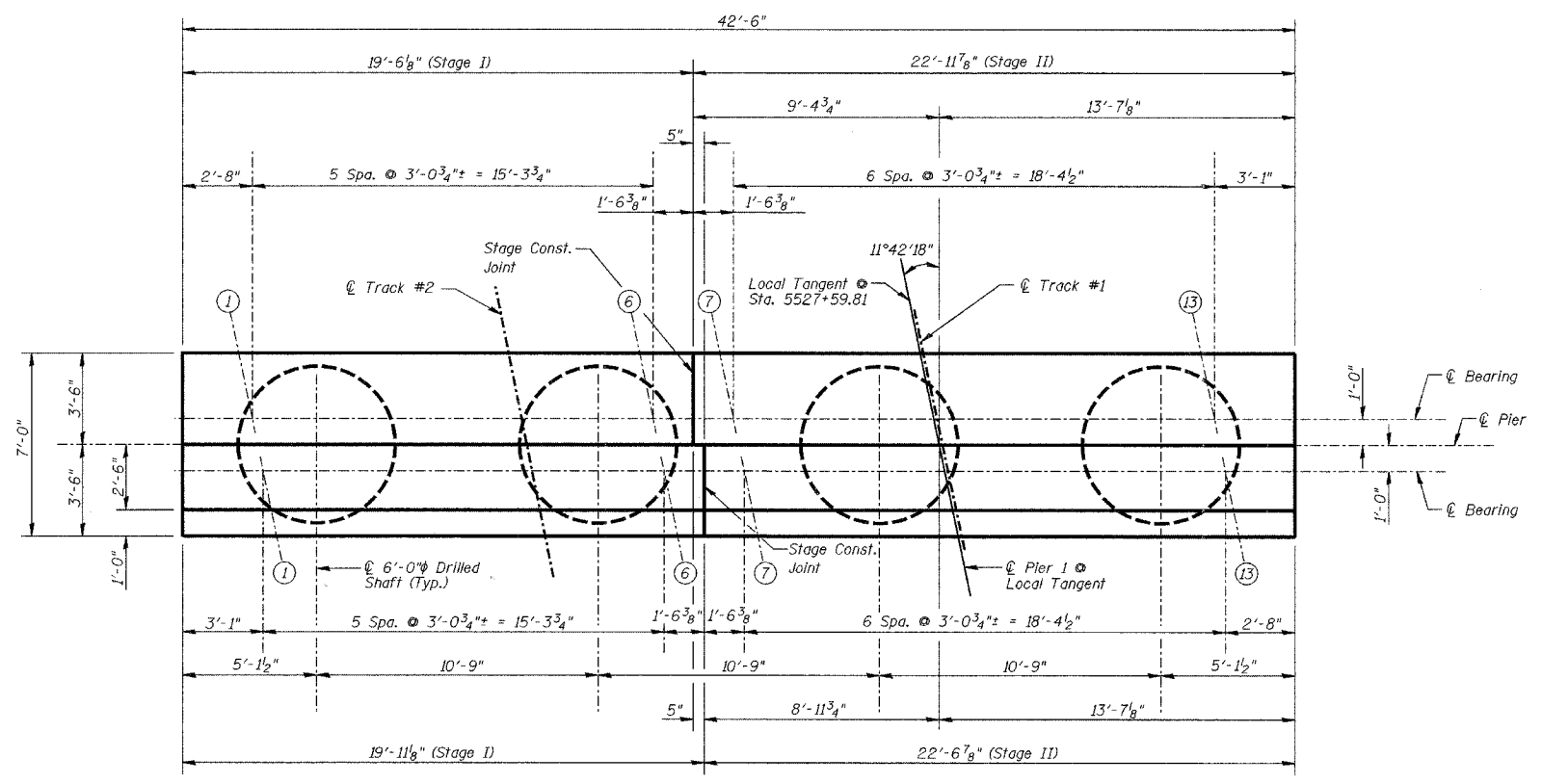
**SOUTH ABUTMENT
BILL OF MATERIALS**

Bar	No.	Size	Length	Shape
$h_1(E)$	10	#5	22'-4"	—
$h_2(E)$	4	#5	22'-2"	—
$h_3(E)$	14	#8	9'-0"	—
$h_4(E)$	18	#5	8'-0"	—
$h_5(E)$	4	#5	7'-3"	—
$h_6(E)$	2	#5	7'-9"	—
$h_7(E)$	10	#5	19'-4"	—
$h_8(E)$	4	#5	19'-2"	—
$h_9(E)$	2	#5	8'-9"	—
$h_{10}(E)$	2	#5	7'-7"	—
$h_{11}(E)$	2	#5	12'-5"	—
$h_{12}(E)$	2	#5	3'-4"	—
$h_{13}(E)$	2	#5	3'-2"	—
$h_{14}(E)$	2	#5	2'-11"	—
$h_{15}(E)$	2	#5	2'-9"	—
$h_{16}(E)$	2	#5	2'-6"	—
$h_{17}(E)$	2	#5	2'-4"	—
$h_{18}(E)$	2	#5	2'-1"	—
$h_{19}(E)$	2	#5	1'-11"	—
$h_{20}(E)$	2	#5	1'-8"	—
$h_{21}(E)$	2	#5	1'-6"	—
$h_{22}(E)$	2	#5	1'-3"	—
$h_{23}(E)$	4	#5	3'-8"	—
$p(E)$	10	#7	20'-0"	—
$p_1(E)$	11	#8	19'-2"	—
$p_2(E)$	6	#5	19'-2"	—
$p_3(E)$	11	#8	22'-2"	—
$p_4(E)$	6	#5	22'-2"	—
$p_5(E)$	10	#7	23'-0"	—
$s_1(E)$	27	#5	20'-11"	—
$s_2(E)$	43	#5	6'-8"	—
$sp(E)$	4	#5	55'-0"	—
$u(E)$	10	#8	14'-8"	—
$u_1(E)$	10	#6	18'-1"	—
$u_2(E)$	2	#5	9'-4"	—
$u_3(E)$	2	#5	8'-8"	—
$u_4(E)$	2	#5	8'-0"	—
$v_1(E)$	40	#8	6'-9"	—
$v_2(E)$	40	#5	5'-9"	—
$v_3(E)$	5	#5	18'-4"	—
$v_4(E)$	1	#8	10'-9"	—
$v_5(E)$	1	#5	10'-9"	—
$v_6(E)$	5	#5	17'-8"	—
$v_7(E)$	2	#8	10'-6"	—
$v_8(E)$	2	#5	10'-6"	—
$v_9(E)$	28	#5	4'-0"	—
$v_{10}(E)$	10	#7	5'-3"	—
$v_{11}(E)$	10	#5	4'-8"	—
$v_{12}(E)$	132	#10	55'-0"	—
$v_{13}(E)$	132	#10	11'-2"	—
Structure Excavation	Cu. Yd.	202.5		
Bar Splicer	Each	41		
Concrete Structures	Cu. Yd.	71.0		
Reinforcement Bars Epoxy Coated	Lbs.	52,130		
Concrete Sealer	Sq. Ft.	240		
Drilled Shaft In Soil	Cu. Yd.	230.4		

SOUTH ABUTMENT DETAILS

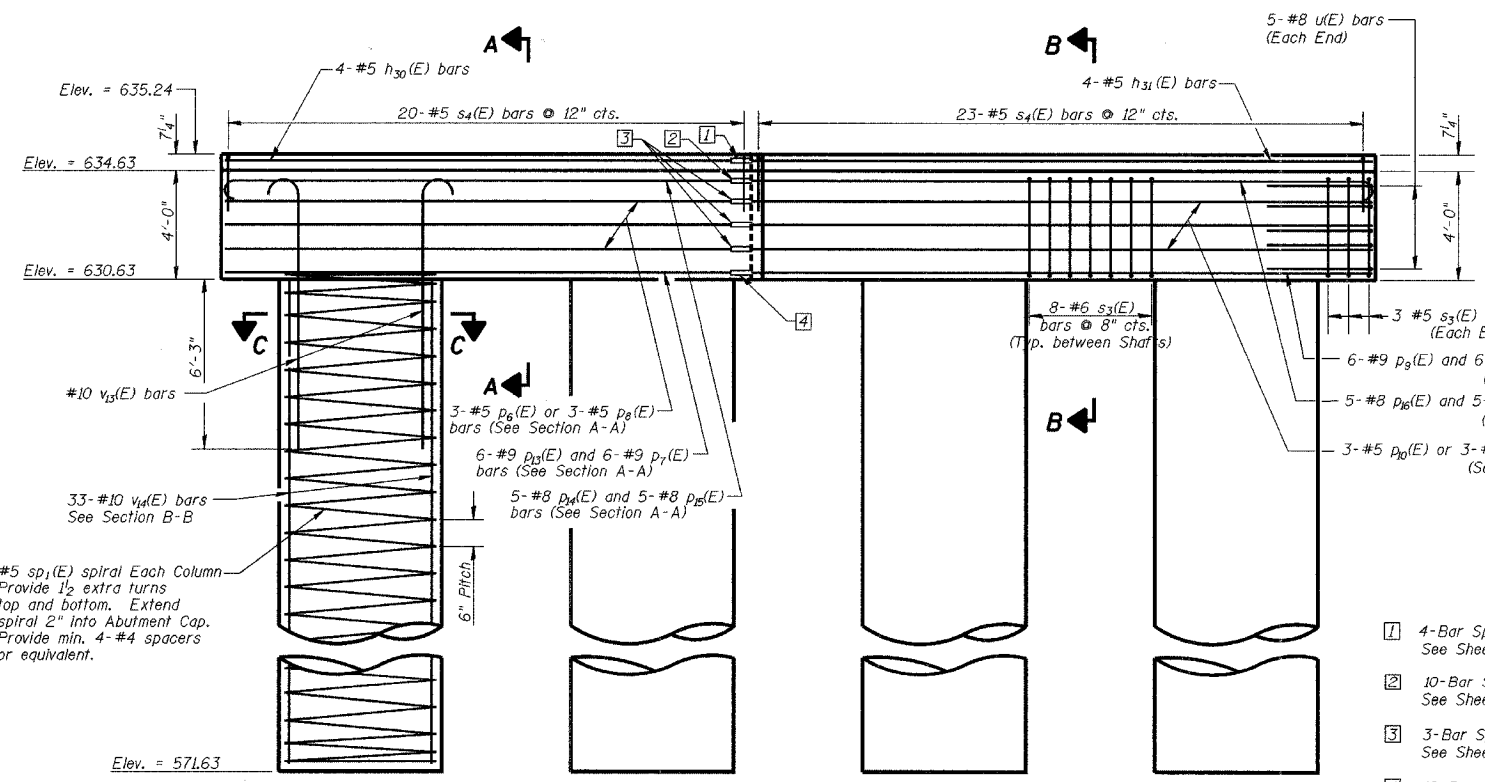
Date	Designed MJJ	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn BKN		17
	Checked KWB		of 24
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		URS Job No. 36430866

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	122
FED. ROAD DIST. NO.	ILLINOIS PROJECT		CONTRACT NO. 91358	

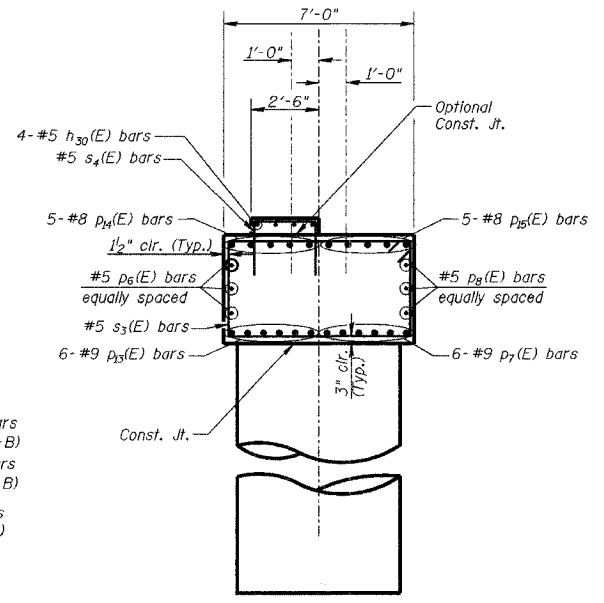


SECTION C-C

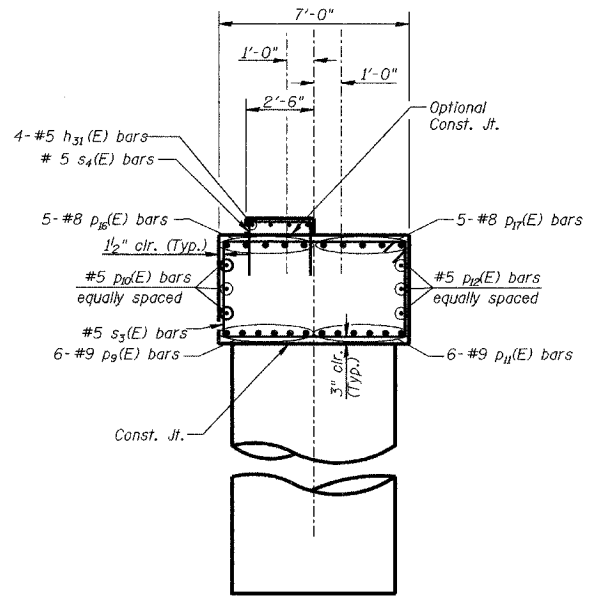
PLAN



ELEVATION



SECTION A-A



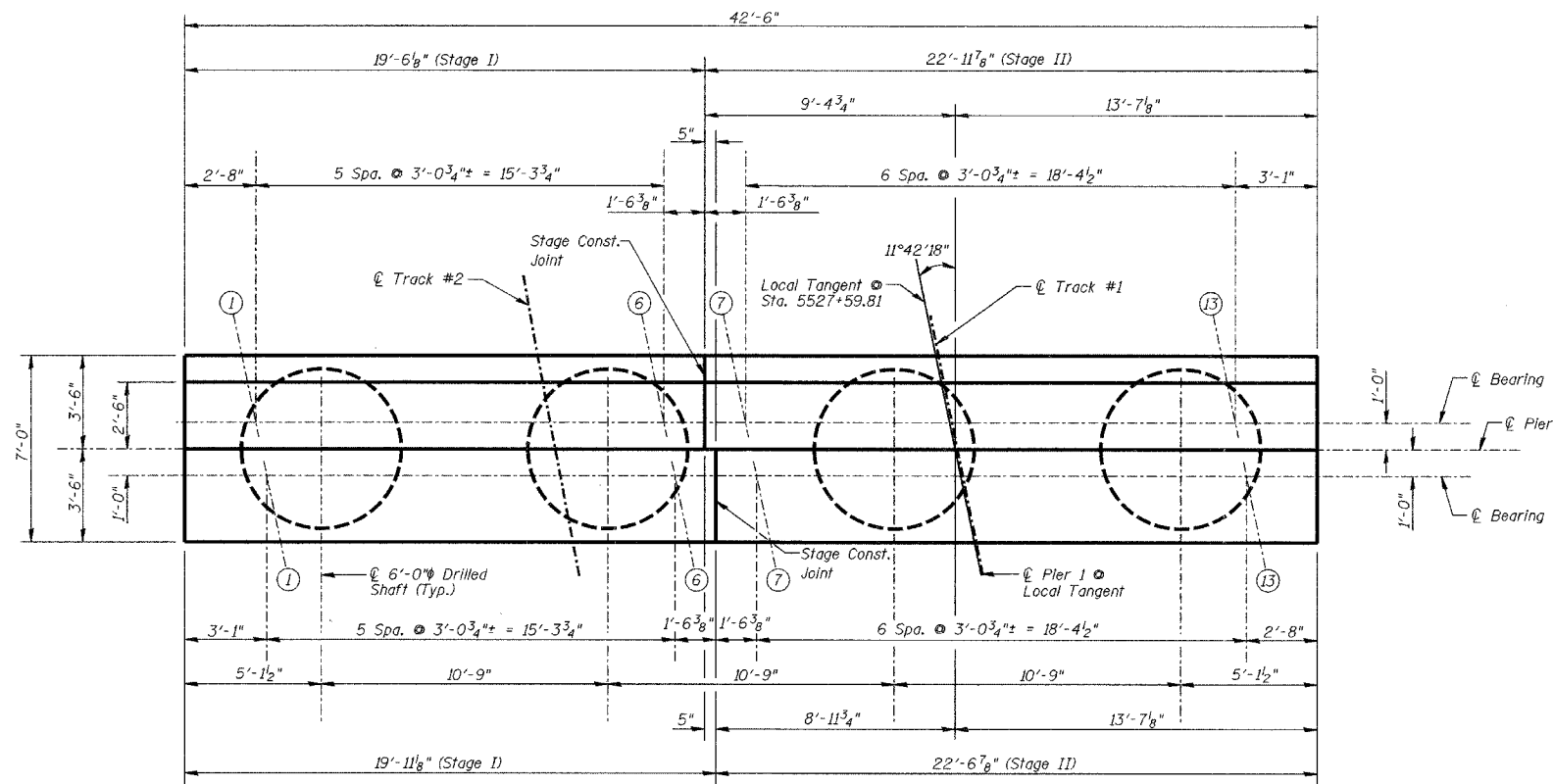
SECTION B-B

- 1 4-Bar Splicer (E) for #5 bars See Sheet 21 of 24 for details.
- 2 10-Bar Splicer (E) for #8 bars See Sheet 21 of 24 for details.
- 3 3-Bar Splicer (E) for #5 bars (Each Face) See Sheet 21 of 24 for details.
- 4 12-Bar Splicer (E) for #9 bars See Sheet 21 of 24 for details.

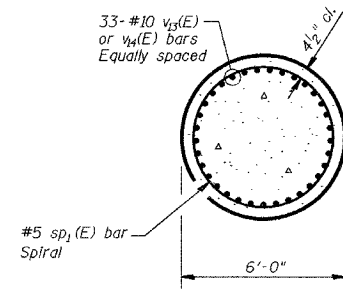
See Sheet 20 of 24 for Bill of Material.

PIER I			Sheet No.
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 12L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	18 of 24
Revisions	Drawn BKN		
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		URS Job No. 36430866

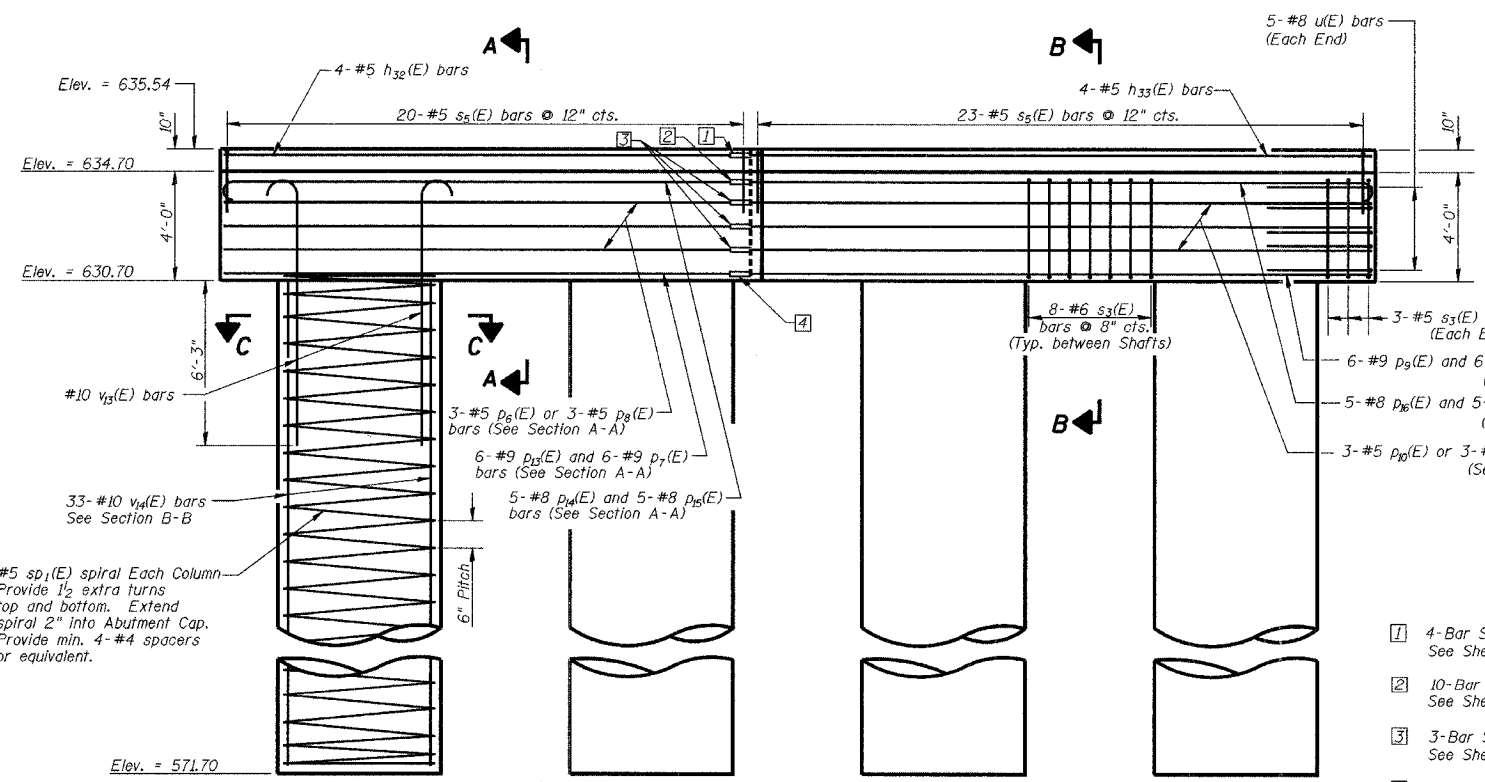
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	123
FED. ROAD DIST. NO.	ILLINOIS PROJECT		CONTRACT NO. 91358	



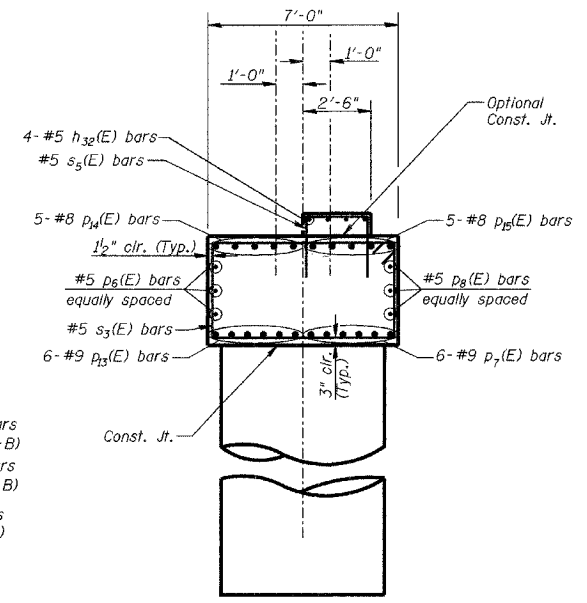
PLAN



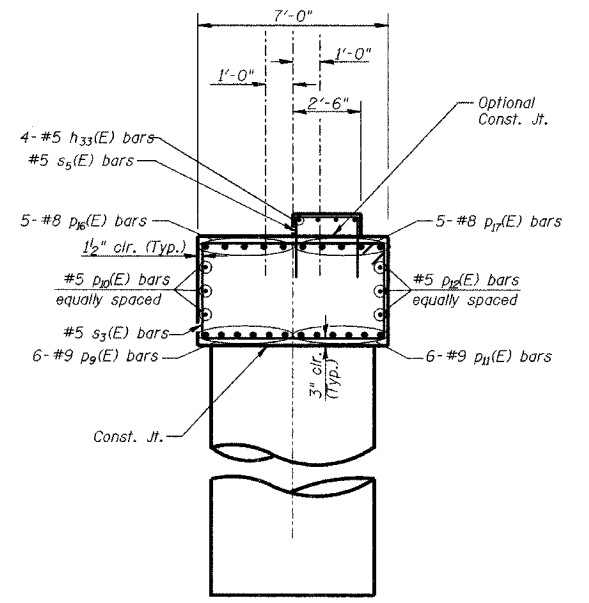
SECTION C-C



ELEVATION



SECTION A-A

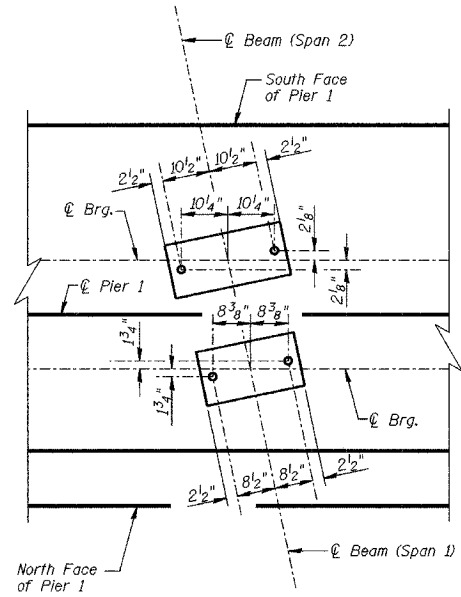


SECTION B-B

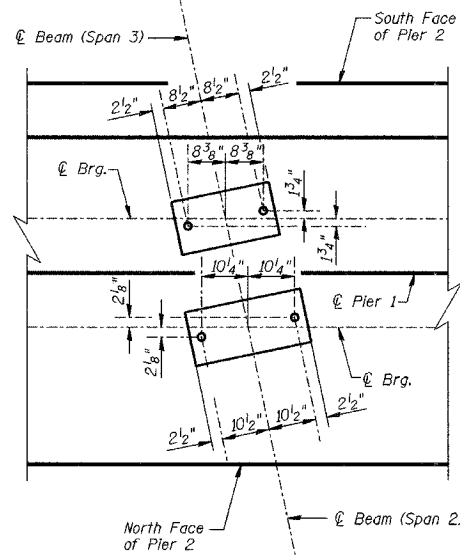
- 1 4-Bar Splicer (E) for #5 bars See Sheet 21 of 24 for details.
- 2 10-Bar Splicer (E) for #8 bars See Sheet 21 of 24 for details.
- 3 3-Bar Splicer (E) for #5 bars (Each Face) See Sheet 21 of 24 for details.
- 4 12-Bar Splicer (E) for #9 bars See Sheet 21 of 24 for details.

See Sheet 20 of 24 for Bill of Material.

PIER 2		CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Date	Designed MJP		19
Revisions	Drawn BKN		URS Job No.
	Checked KWB		36430866
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		



ANCHOR BOLT LAYOUT - PIER 1



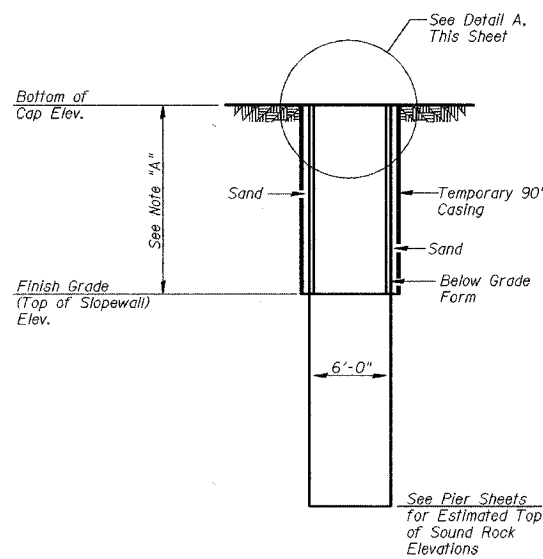
ANCHOR BOLT LAYOUT - PIER 2

**PIER 1
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h ₃₀ (E)	4	#5	19'-8"	—
h ₃₃ (E)	4	#5	22'-3"	—
D ₆ (E)	6	#5	19'-8"	—
D ₇ (E)	6	#9	19'-3"	—
D ₈ (E)	6	#5	19'-3"	—
D ₉ (E)	6	#9	22'-3"	—
D ₁₀ (E)	6	#5	22'-3"	—
D ₁₁ (E)	6	#9	22'-8"	—
D ₁₂ (E)	6	#5	22'-8"	—
D ₁₃ (E)	6	#9	19'-8"	—
D ₁₄ (E)	5	#8	20'-7"	—
D ₁₅ (E)	5	#8	20'-2"	—
D ₁₆ (E)	5	#8	23'-2"	—
D ₁₇ (E)	5	#8	23'-7"	—
s ₃ (E)	30	#6	21'-4"	□
s ₄ (E)	43	#5	6'-3"	—
sp ₁ (E)	4	#5	59'-2"	—
u(E)	10	#8	14'-8"	—
v ₁₃ (E)	132	#10	11'-2"	—
v ₁₄ (E)	132	#10	59'-0"	—
Structure Excavation	Cu. Yd.	184.3		
Bar Splicer	Each	32		
Concrete Structures	Cu. Yd.	47.2		
Reinforcement Bars, Epoxy Coated	Pound	53,400		
Concrete Sealer	Sq. Ft.	349		
Drilled Shaft in Soil	Cu. Yd.	247.1		

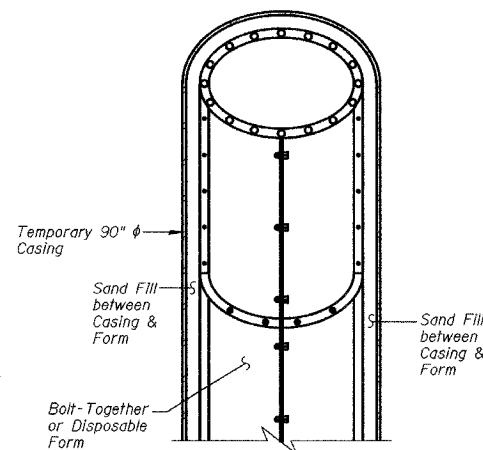
**PIER 2
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h ₃₀ (E)	4	#5	19'-3"	—
h ₃₃ (E)	4	#5	22'-8"	—
D ₆ (E)	6	#5	19'-8"	—
D ₇ (E)	6	#9	19'-3"	—
D ₈ (E)	6	#5	19'-3"	—
D ₉ (E)	6	#9	22'-3"	—
D ₁₀ (E)	6	#5	22'-3"	—
D ₁₁ (E)	6	#9	22'-8"	—
D ₁₂ (E)	6	#5	22'-8"	—
D ₁₃ (E)	6	#9	19'-8"	—
D ₁₄ (E)	5	#8	20'-7"	—
D ₁₅ (E)	5	#8	20'-2"	—
D ₁₆ (E)	5	#8	23'-2"	—
D ₁₇ (E)	5	#8	23'-7"	—
s ₃ (E)	30	#6	21'-4"	□
s ₅ (E)	43	#5	6'-9"	—
sp ₁ (E)	4	#5	59'-2"	—
u(E)	10	#8	14'-8"	—
v ₁₃ (E)	132	#10	11'-2"	—
v ₁₄ (E)	132	#10	59'-0"	—
Structure Excavation	Cu. Yd.	184.3		
Bar Splicer	Each	32		
Concrete Structures	Cu. Yd.	48.1		
Reinforcement Bars, Epoxy Coated	Pound	53,420		
Concrete Sealer	Sq. Ft.	368		
Drilled Shaft in Soil	Cu. Yd.	247.1		

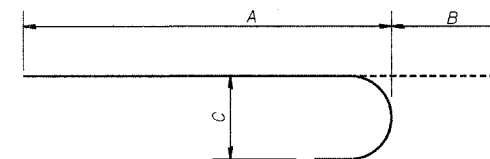


FORMING DETAIL AT PIER

Note "A":
A smooth finish surface is required in this area. Install a Temporary 90" ϕ Casing to provide adequate clearance for removable below-grade forms to be placed in this area. Backfill with sand between temporary casing and forms. Set rebar and insert. Remove Casing. Place Concrete in Shaft. During Stage II, Step 14, Sheet 3 of 24, excavate to expose the removable forms. Remove forms and expose inserts. Cost of Casing, sand, and associated work is included with Drilled Shafts in Soil 72".

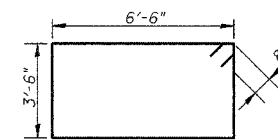


DETAIL A

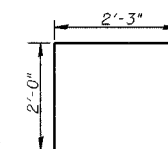


BARS D₁₄(E) THRU D₁₇(E) & v₁₃(E)

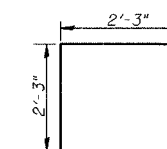
Bar	A	B	C
D ₁₄ (E)	19'-8"	11"	8"
D ₁₅ (E)	19'-3"	11"	8"
D ₁₆ (E)	22'-3"	11"	8"
D ₁₇ (E)	22'-8"	11"	8"
v ₁₃ (E)	9'-9"	1'-5"	1'-1 1/4"



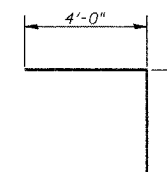
BAR s₃(E)



BAR s₄(E)



BAR s₅(E)



BAR u(E)

PIER DETAILS & BILL OF MATERIALS

Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA I2L6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn BKN		20
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		of 24 URS Job No. 36430866

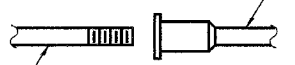
NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
 Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
 All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
 Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

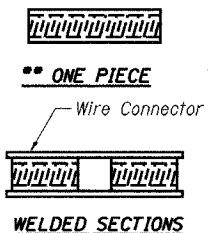
- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
 - ② Minimum *Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$
- Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-0"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8

The diameter of this part is equal or larger than the diameter of bar spliced.

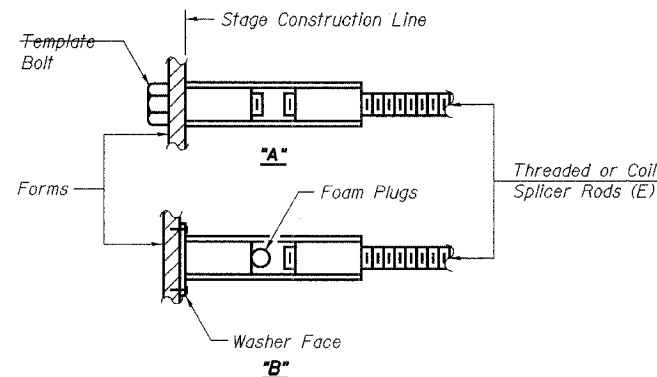


ROLLED THREAD DOWEL BAR



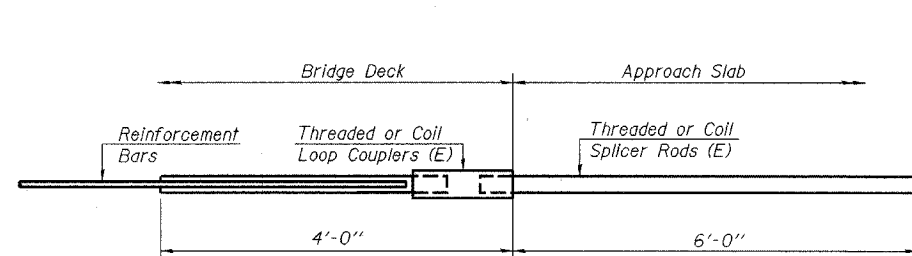
BAR SPLICER ASSEMBLY ALTERNATIVES

** Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



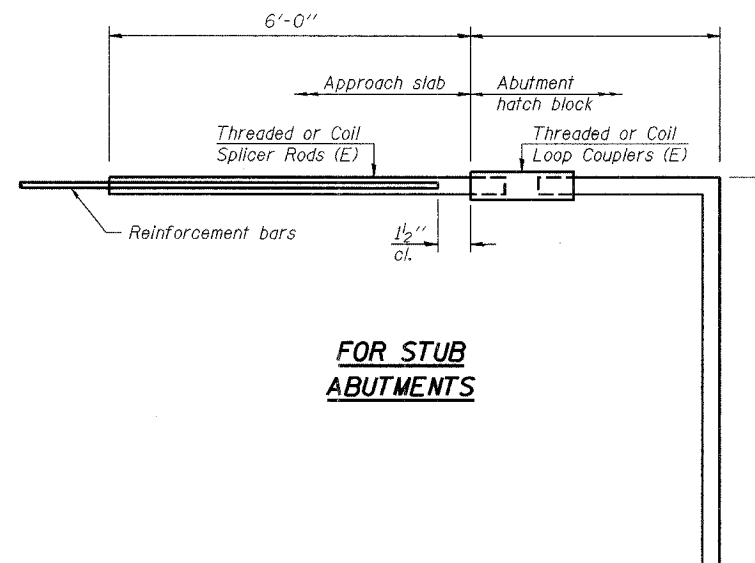
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



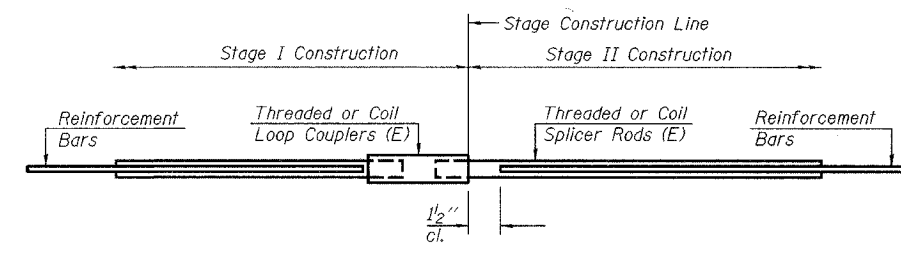
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



FOR STUB ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



STANDARD

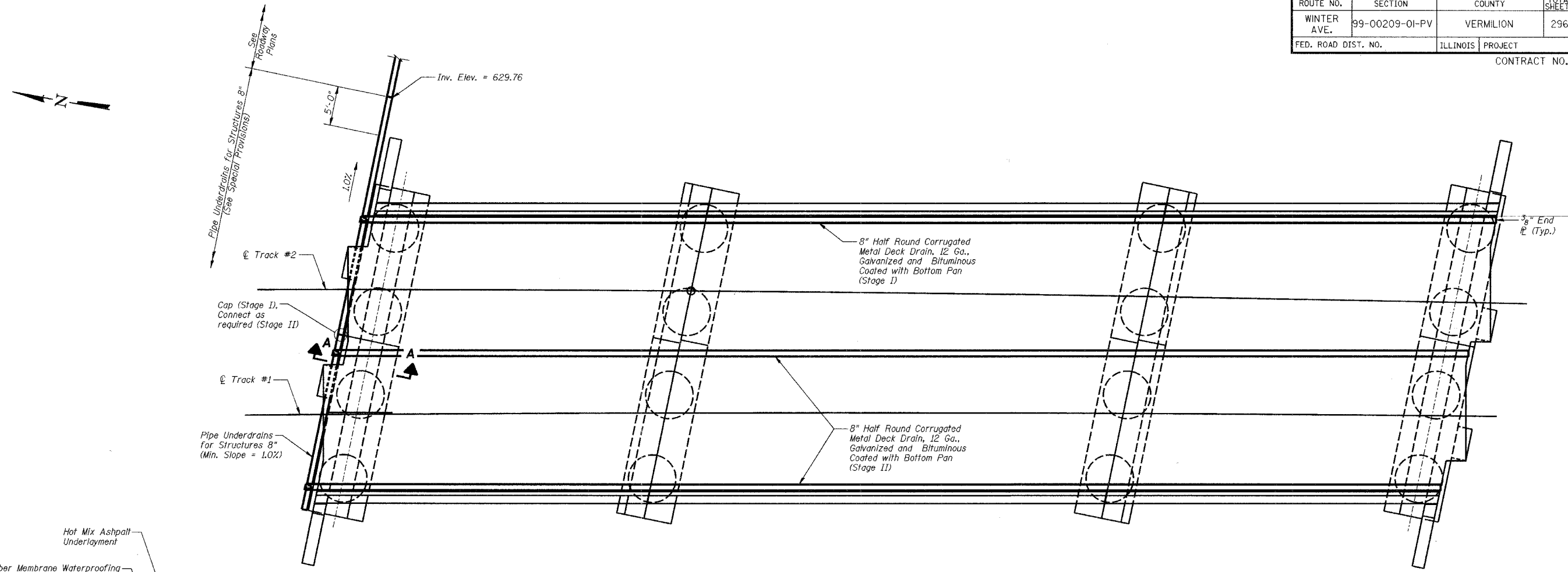
Bar Size	No. Assemblies Required	Location

BAR SPLICER ASSEMBLY DETAILS

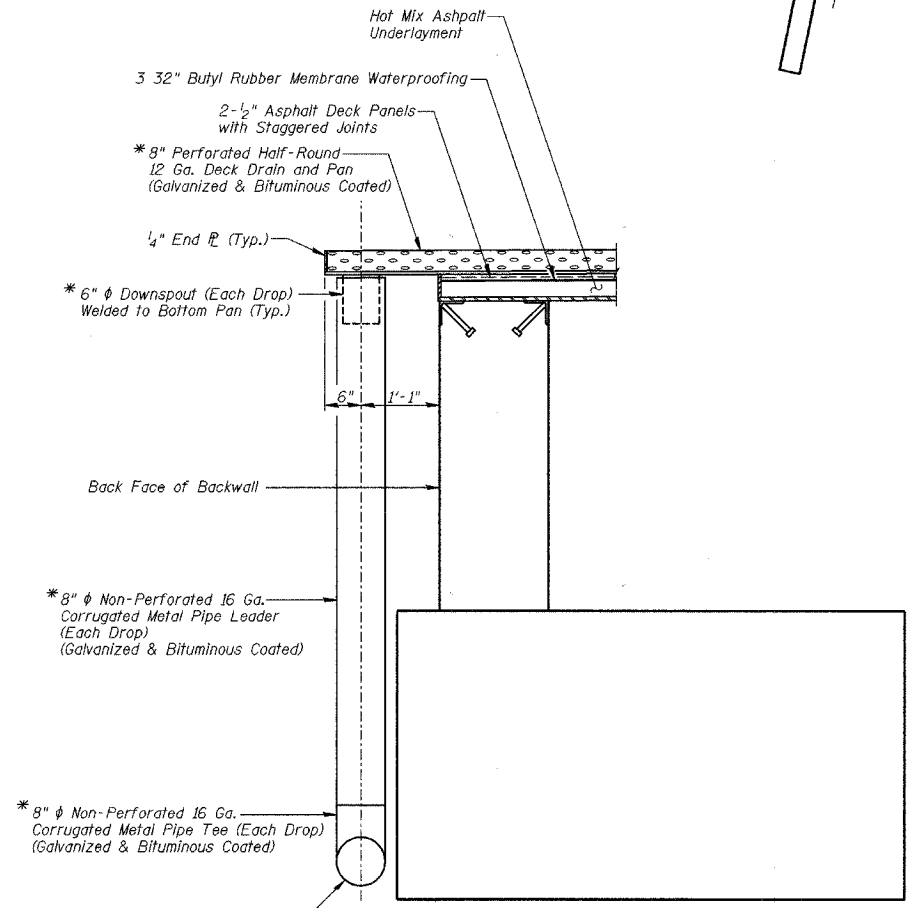
Date	Designed KWB	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn MLS		21
	Checked KWB		
	Approved KWB		
Prepared by:	URS		
	345 East Ash Avenue, Suite B Decatur, IL 62526		URS Job No. 36430866

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WINTER AVE.	99-00209-01-PV	VERMILION	296	126
FED. ROAD DIST. NO.	ILLINOIS PROJECT			

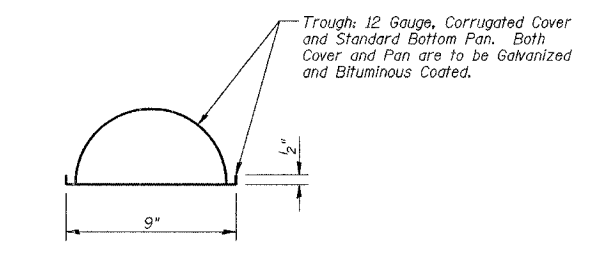
CONTRACT NO. 91358



PLAN



SECTION A-A



DECK DRAIN DETAIL

*These Items included in the cost of Bridge Drainage System (Lump Sum)

DRAINAGE DETAILS			
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 121.6 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn REZ		22
	Checked KWB		
	Approved KWB		
Prepared by:	URS 345 East Ash Avenue, Suite B Decatur, IL 62526		
		URS Job No.	36430866

BRIDGE FOUNDATION SOIL BORING LOG
midwest engineering services, inc.

Route: Winter Avenue Boring: BB-1
 Section: 1 of 2
 County: Vermillion Page: 9-16-02
 Structure No. CSX 1216 Date of Boring: Roger Burton
 Station: 4+25 Drilled By: Daniel E. Tappendorf, P.E.
 Offset: 10' Right Checked By: Daniel E. Tappendorf, P.E.
 MES Project No: 1-23038

Ground Water Elevation: when drilling: 607.0 FT. at completion: 610.0 FT.	D E P T H (ft.)	B L O W S (6")	Q _u (tsf)	MC (%)	Soil Description	D E P T H (ft.)	B L O W S (6")	Q _u (tsf)	MC (%)
Ground Surface Elevation: 617.0 FT.					4" Asphalt over 6" Crushed Stone				
				16	6" Dark brown silty CLAY (OL), Topsoil				
					Gray fine to medium clayey SAND (SP-SC) EL. 588.5 FT.				
		6		19	Dark brown SAND with gravel and brick fragments (SP), Fill	30			
EL. 612.5 FT.		3				5	8	2.9B	10
	5				Dark brown sandy CLAY with brick fragments (CL), Fill	8			
EL. 610.0 FT.		9		16		8			
		14			Brown sandy CLAY with gravel (CL), Fill	35			
EL. 607.5 FT.		3		13		5	8	3.2B	9
	10				Brown fine to medium clayey SAND (SP-SC)	10			
EL. 605.5 FT.		2		15		10			
		1			Gray silty CLAY with sand and small gravel (CL), Till	40			
EL. 602.5 FT.		5		16		4	5	4.0P	10
	15				Brown fine silty SAND (SP-SM)	15			
		8	6.8B	10		4	5		
		9			Gray silty CLAY with sand and small gravel (CL), Till	45			
		4	3.6B	10		13	14	5.4B	10
	20					17			
		4	5.0B	9					
		7							
EL. 593.5 FT.		3		12		50			
		2			Gray fine to medium clayey SAND (SP-SC)	11	10	6.6B	10
	25					15			
		4		18					
		5							
		6							

Note: Boring BB-1 was drilled to 51.5 ft depth on 9-16-02 and was extended down to 81.5 ft. depth on 1-6-03

continued next page

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
 MC - Moisture Content - Percent of dry weight
 Qu - Unconfined Compressive Strength- tons per square foot (tsf)
 Type Failure
 Qu test
 B-Bulge
 S-Shear
 P-Penetrometer

Soil Boring BB-1 Sta. 4+25, 10' Right = Sta. 103+67.22, 23.2' Right (For Boring Location only)

BRIDGE FOUNDATION SOIL BORING LOG
midwest engineering services, inc.

Route: Winter Avenue Boring: BB-1
 Section: 2 of 2
 County: Vermillion Page: 1-06-03
 Structure No. CSX 1216 Date of Boring: Roger Burton
 Station: 4+25 Drilled By: Daniel E. Tappendorf, P.E.
 Offset: 10' Right Checked By: Daniel E. Tappendorf, P.E.
 MES Project No: 1-23038







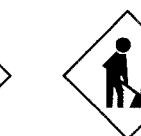
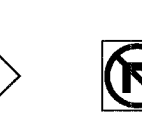


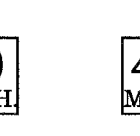
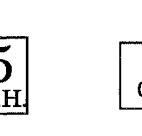
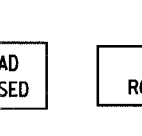
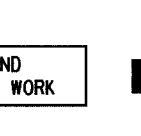
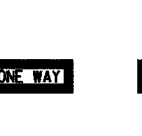

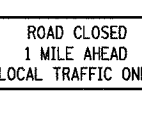



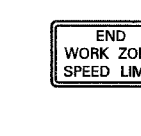

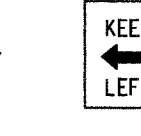

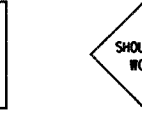
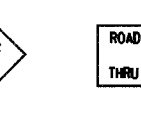
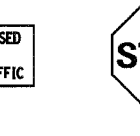
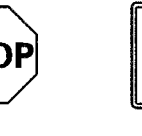
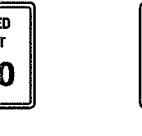


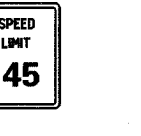

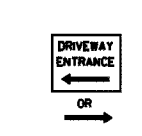
Ground Water Elevation: when drilling: 607.0 FT. at completion: 610.0 FT.	D E P T H (ft.)	B L O W S (6")	Q _u (tsf)	MC (%)	Soil Description	D E P T H (ft.)	B L O W S (6")	Q _u (tsf)	MC (%)
Ground Surface Elevation: 617.0 FT.					4" Asphalt over 6" Crushed Stone				
					6" Dark brown silty CLAY (OL), Topsoil				
					Gray fine to medium clayey SAND (SP-SC) EL. 588.5 FT.				
		4	2.2B	11	Gray silty CLAY with sand and small gravel (CL), Till	80			
EL. 564.0 FT.		6			Gray fine to medium SAND (SP) Wet	6			
		9				9			
		6		13		12			
EL. 635.5 FT.					END OF BORING AT 81.5 FEET				
	55								
		7		15					
		13							
		7							
		13							
	60								
		5		14					
		8							
		11							
	65								
		3		14					
		3							
		4							
	70								
		9		11					
		11							
		16							
	75								
		3		14					
		5							
		7							

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
 MC - Moisture Content - Percent of dry weight
 Qu - Unconfined Compressive Strength- tons per square foot (tsf)
 Type Failure
 Qu test
 B-Bulge
 S-Shear
 P-Penetrometer

BORING LOGS - BB-1			
Date	Designed MJP	CSX TRANSPORTATION R.R. OVER WINTER AVE. MP OZA 1216 SECTION 99-00209-01-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 5527+59.81 PROP. STR. NO. 092-6039	Sheet No.
Revisions	Drawn BKN		23
	Checked KWB		of 24
	Approved KWB		
Prepared by:	URS	345 East Ash Avenue, Suite B Decatur, IL 62526	URS Job No. 36430866

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	130
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

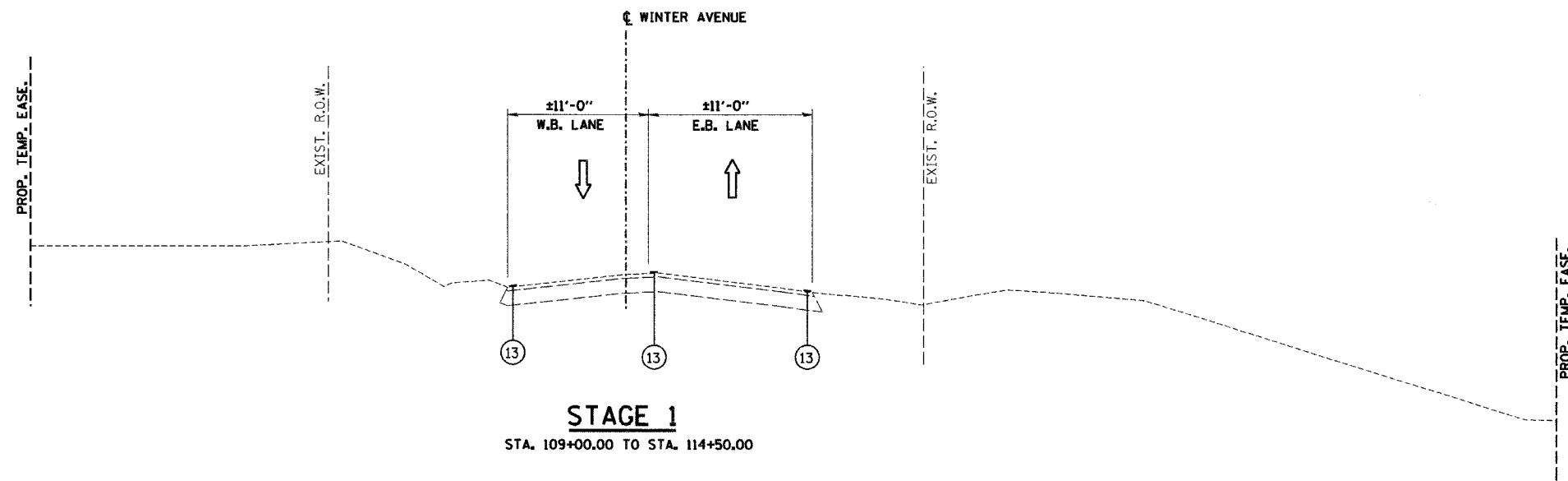
SIGN LEGEND

															
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
W 20-1 48" x 48"	W 20-1 48" x 48"	W 20-1 48" x 48"	W 20-1 48" x 48"	W 20-3 48" x 48"	W 20-3 48" x 48"	W 21-1A 36" x 36"	R 3-1 24" x 24"	R 3-2 24" x 24"	W 13-1 18" x 18"	W 13-1 18" x 18"	R 11-2 48" x 30"	G 20-2a 36" x 18"	R 6-1L 36" x 12"	R 6-1R 36" x 12"	R 5-1 30" x 30"
															
⑰	⑱	⑲	⑳	㉑	㉒	㉓	㉔	㉕	㉖	㉗	㉘	㉙	㉚	㉛	㉜
R 11-3a 60" x 30"	W 1-4L 30" x 30"	W 1-4R 30" x 30"	W 20-7A 48" x 48"	G20-1103 60" x 36"	W 20-4 48" x 48"	R 4-8a 24" x 30"	R 4-7a 24" x 30"	W 21-5 30" x 30"	R 11-4 60" x 30"	R 1-1 30" x 30"	R 2-1 24" x 30"	R 2-1 24" x 30"	R 2-1 24" x 30"	R 2-1 24" x 30"	R 1-2 36" x 36" x 36"
															
⑳	㉝														
W 5-3 36" x 36"	GREEN ON WHITE 24" x 24"														

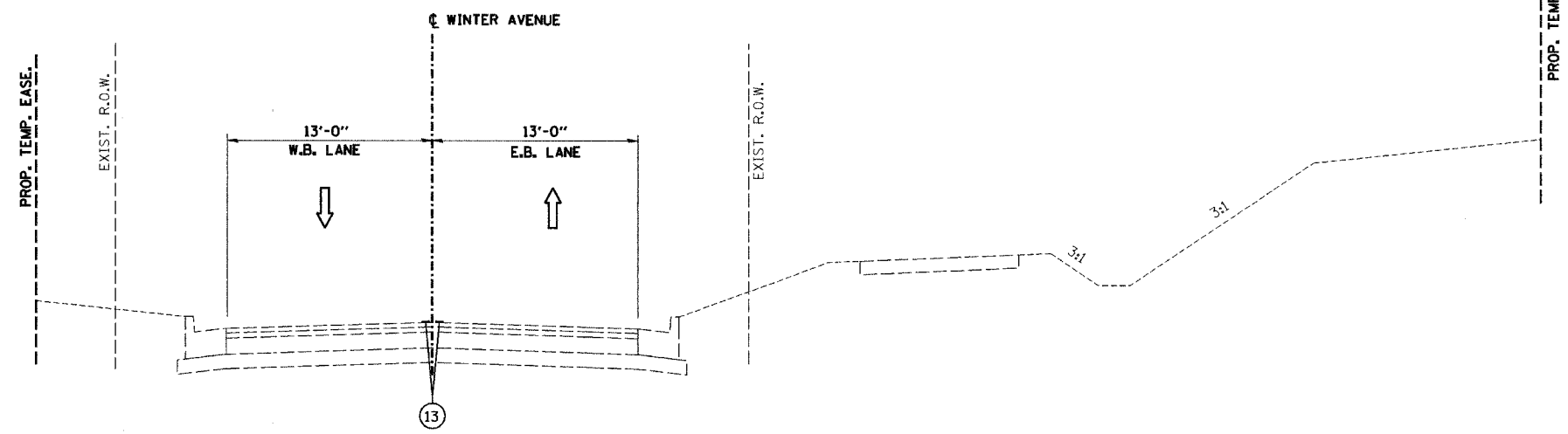
PLAN	DATE
SURVEYED	BY
DESIGNED	
CHECKED	
IN CHARGE	
NO. OF WAYS CHECKED	
CADD FILE NAME	

REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION TEMPORARY TRAFFIC CONTROL PLANS SIGN LEGENDS
NAME	DATE	
SCALE: NTS	DATE: 12/21/06	
DRAWN BY: MLS	CHECKED BY: MBF	

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.	RT. OF WAY CHECKED	
	CAD FILE NAME	



STAGE 1
STA. 109+00.00 TO STA. 114+50.00



STAGE 1
STA. 114+50.00 TO STA. 141+50.00

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ②A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 5 3/4"
- ③ AGGREGATE BASE COURSE, TYPE A, 5.5"
- ④ AGGREGATE BASE COURSE, TYPE A, 6.5"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (FOR BICYCLE PATH)
- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

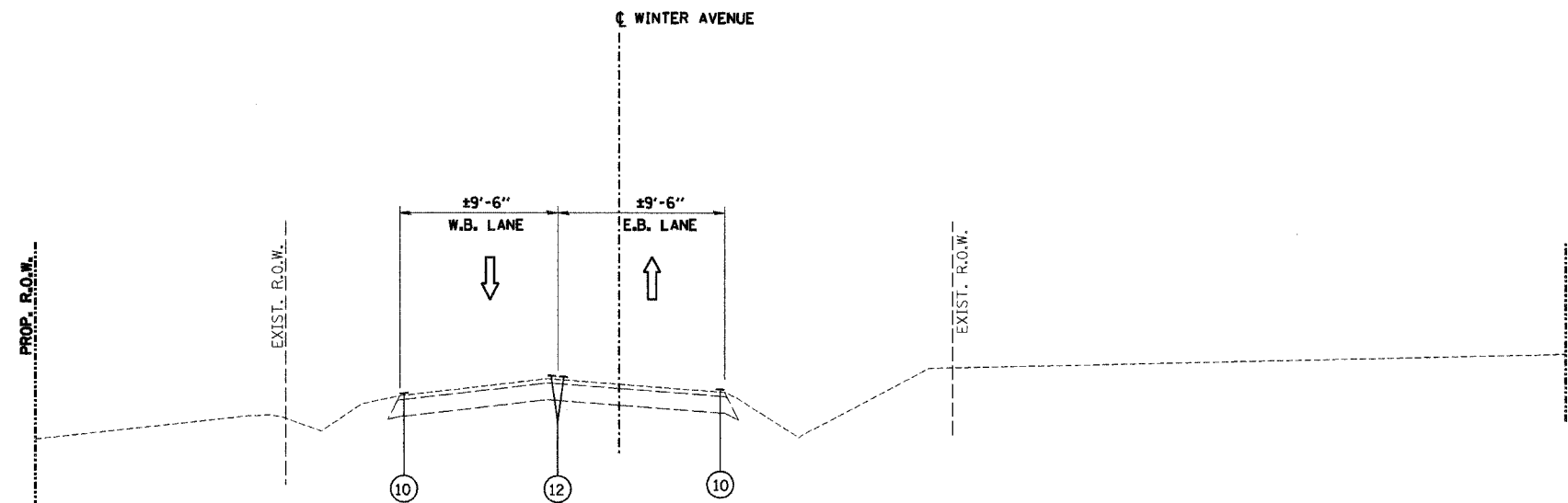
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

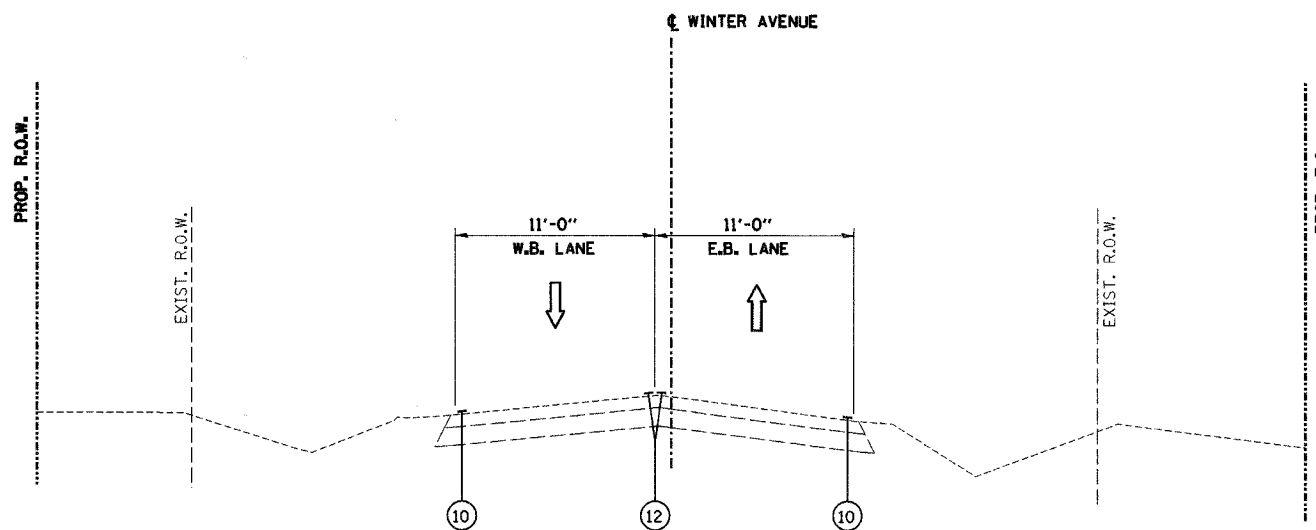
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CHECKED BY: MBF

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	FLOWN		
	NOTED		
	REVISIONS		
	CHECKED		
	BY		
	DATE		
	NO. OF WAYS CHECKED		
	CADD FILE NAME		



STAGE 1
STA. 141+50.00 TO STA. 147+50.00



STAGE 1
STA. 148+50.00 TO STA. 156+35.00

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ②A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 5 3/4"
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- ④ AGGREGATE BASE COURSE, TYPE A, 6.5"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (FOR BICYCLE PATH)
- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

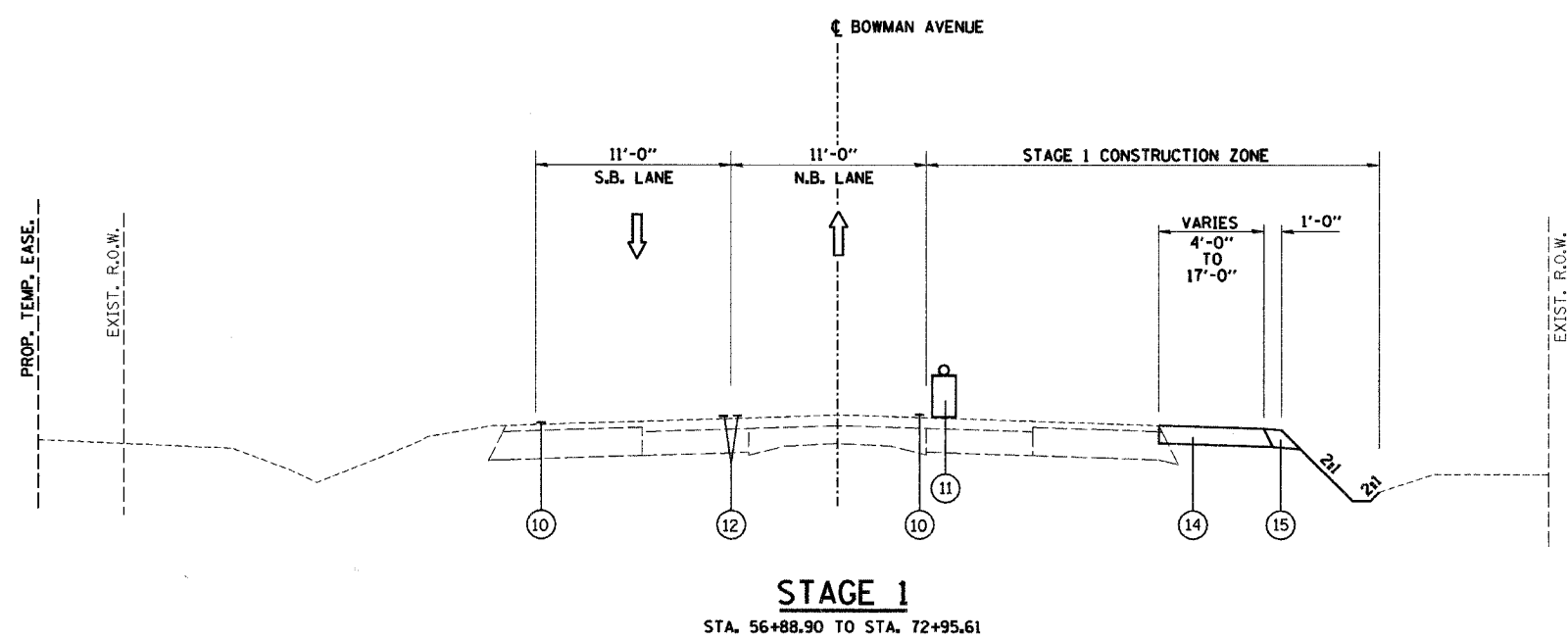
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DRAWN BY: MLS

DATE: 12/21/06
CHECKED BY: MBF

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	134
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

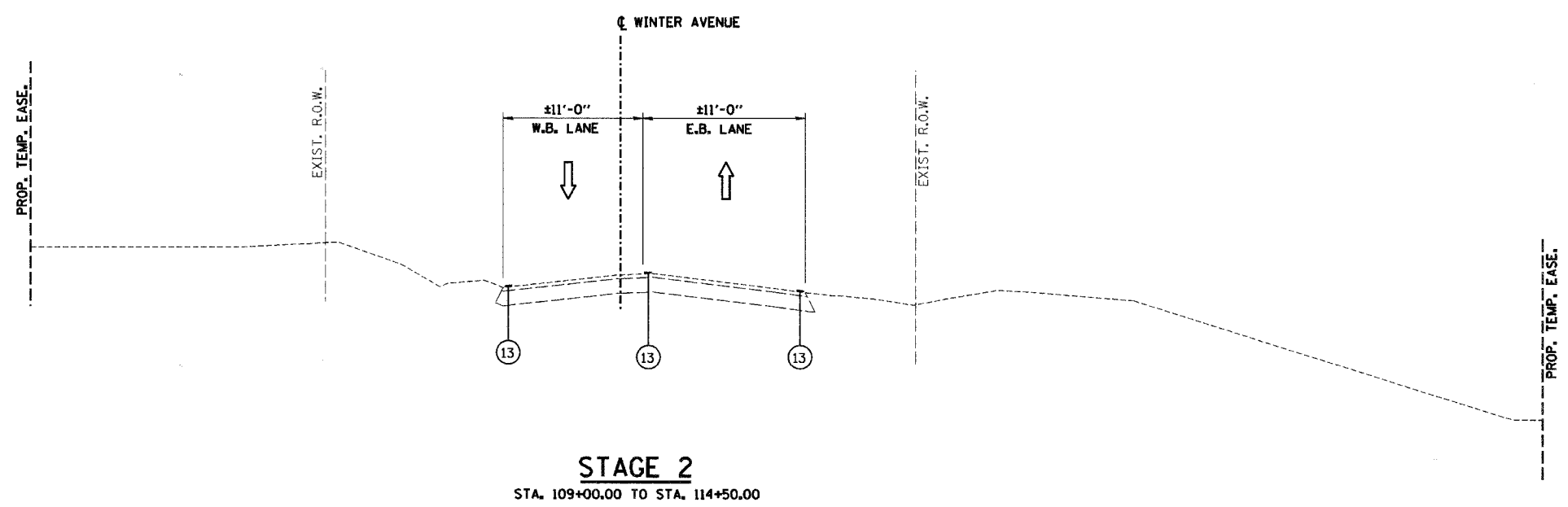
CONTRACT NO.: 91358

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ADJUSTED		
	REVIEWED		
	DATE		
	BY		
	DATE		



LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
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- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (FOR BICYCLE PATH)
- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"



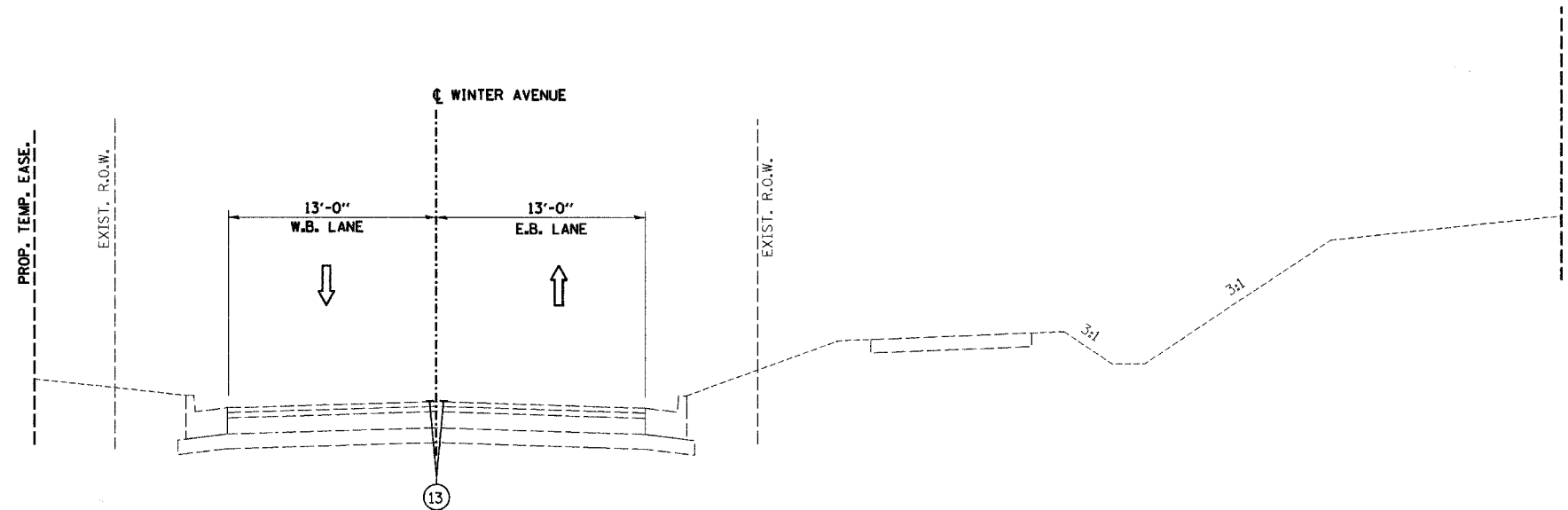
SHEET 3 OF 16

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

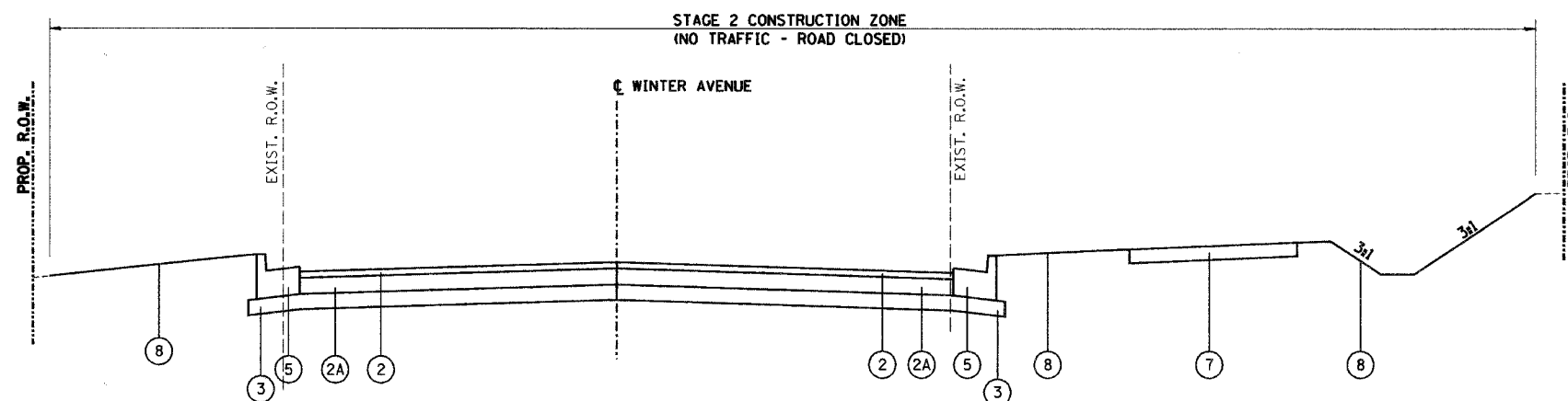
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

SCALE: NTS DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

PLAN	SURVEYED	DATE
NO. _____	BY _____	_____
	DESIGNED	_____
	BY _____	_____
	CHECKED	_____
	BY _____	_____
	DATE	_____



STAGE 2
STA. 114+50.00 TO STA. 141+50.00



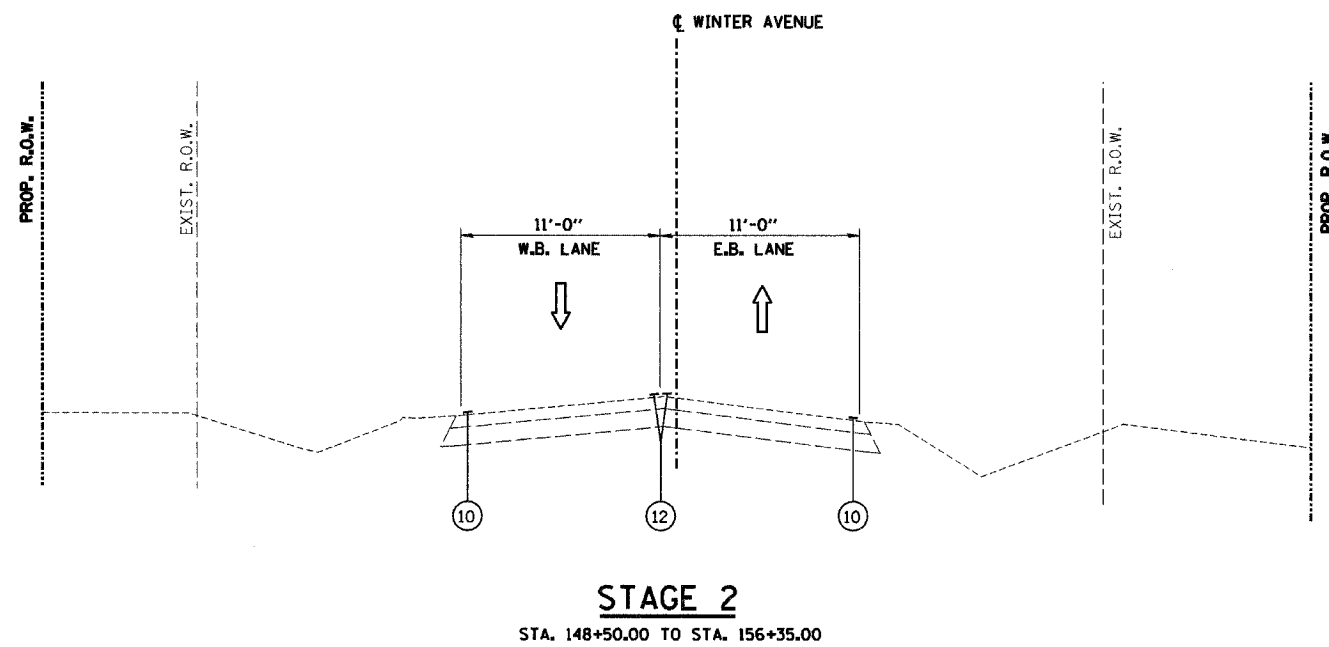
STAGE 2
STA. 141+50.00 TO STA. 147+50.00

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (FOR BICYCLE PATH)
- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

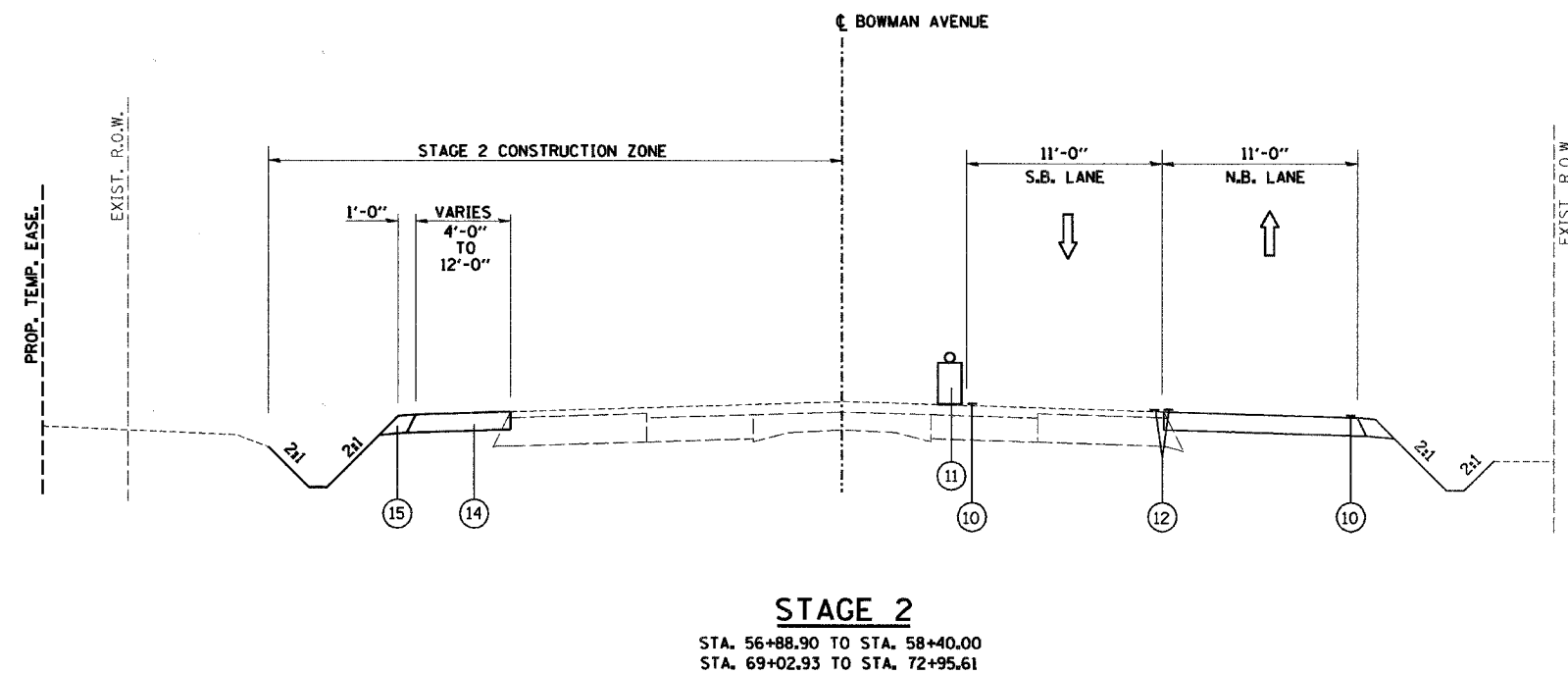
REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
SCALE: NTS		DATE: 12/21/06
DRAWN BY: MLS		CHECKED BY: MBF

PLAN	SURVEYED	BY	DATE
	REVISED		
	NOTED		
	NOT CHECKED		
	REL. OF WAY CHECKED		
	CARD FILE NAME		
	NO.		



LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
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- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

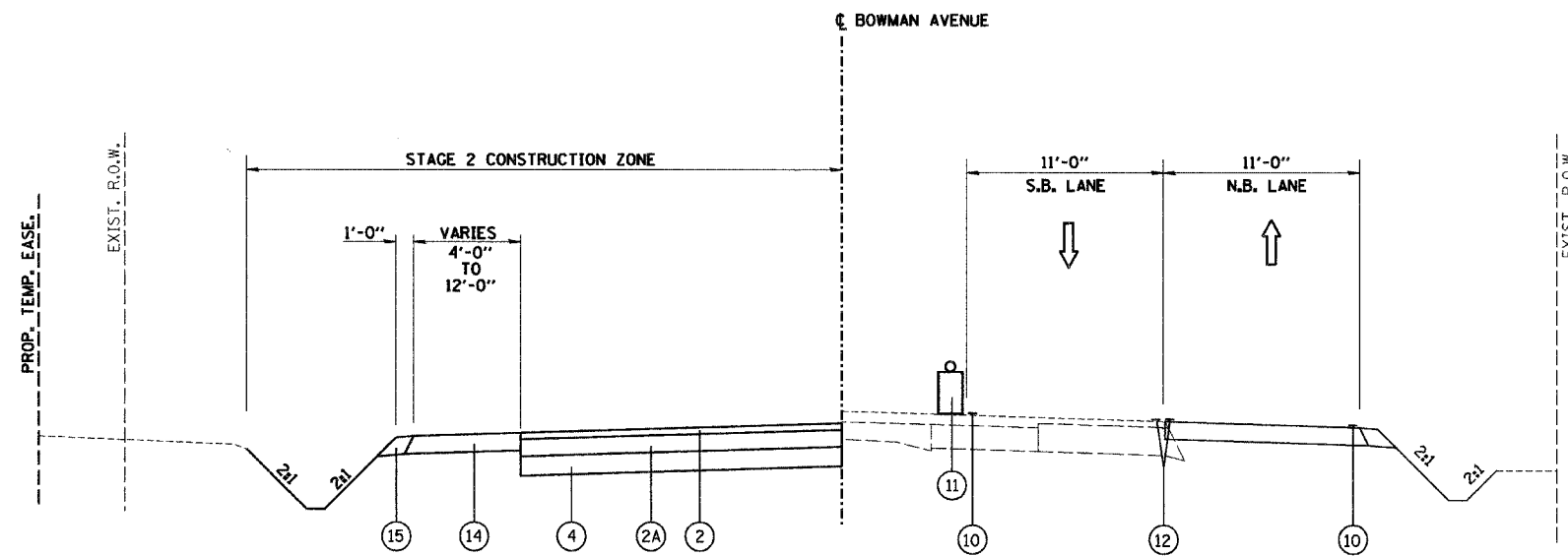


REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

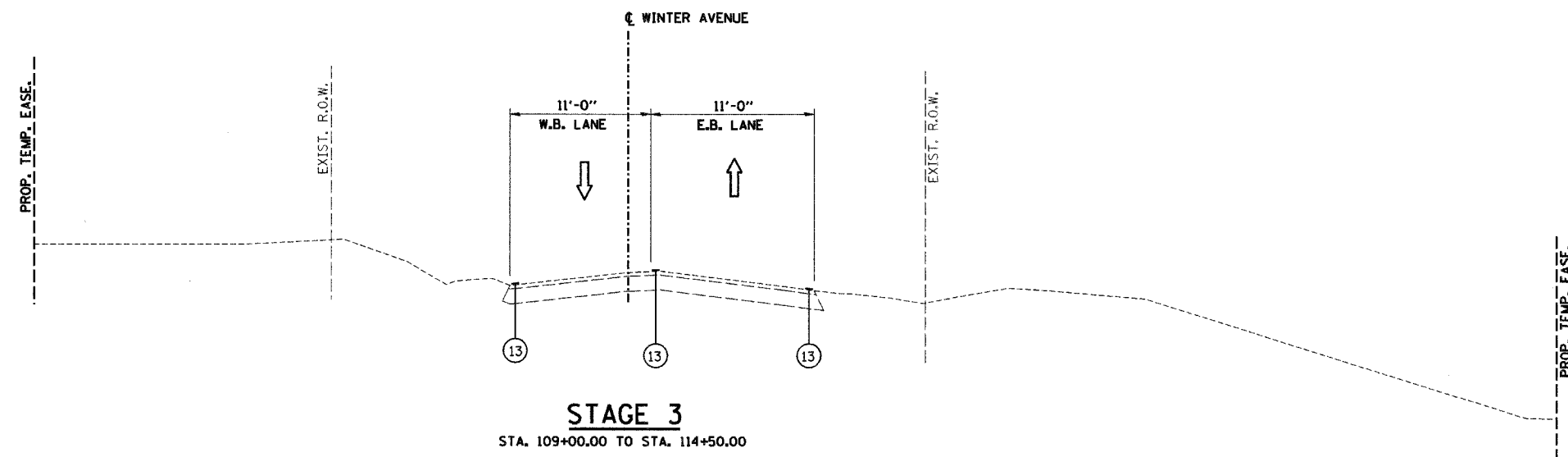
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DATE: 12/21/06
CHECKED BY: MBF

PLAN	SURVEYED	DATE
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	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



STAGE 2
STA. 58+40.00 TO STA. 69+02.93



STAGE 3
STA. 109+00.00 TO STA. 114+50.00

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
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- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

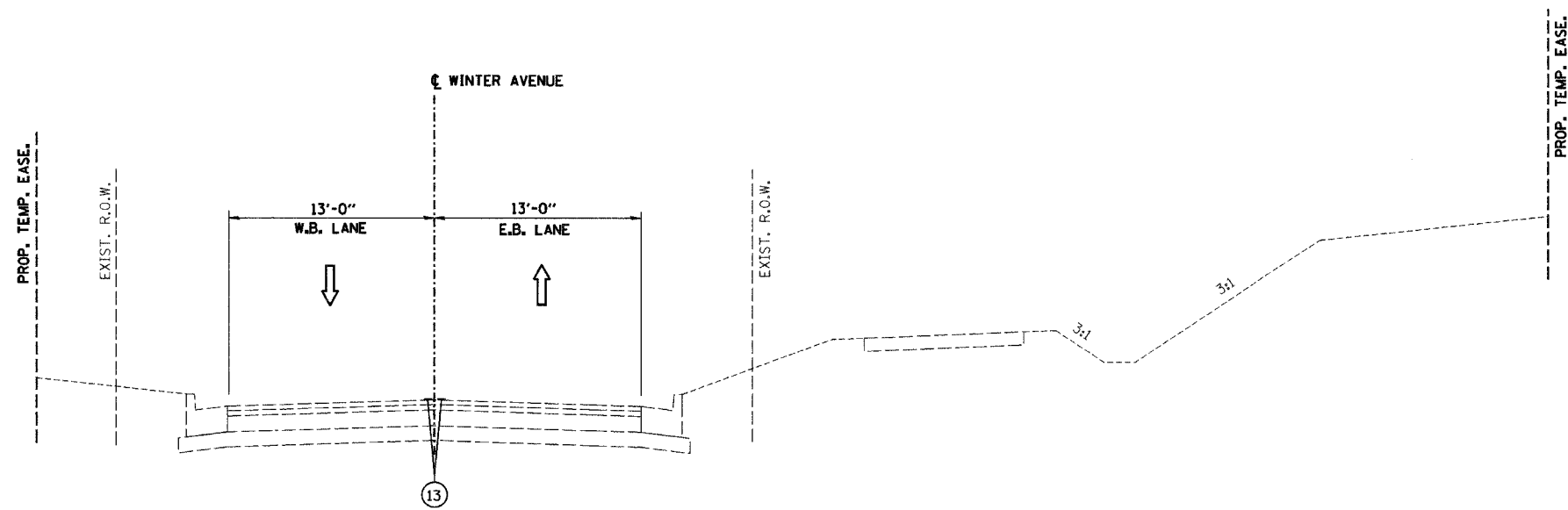
REVISIONS		NAME	DATE
NO.	DESCRIPTION		

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION

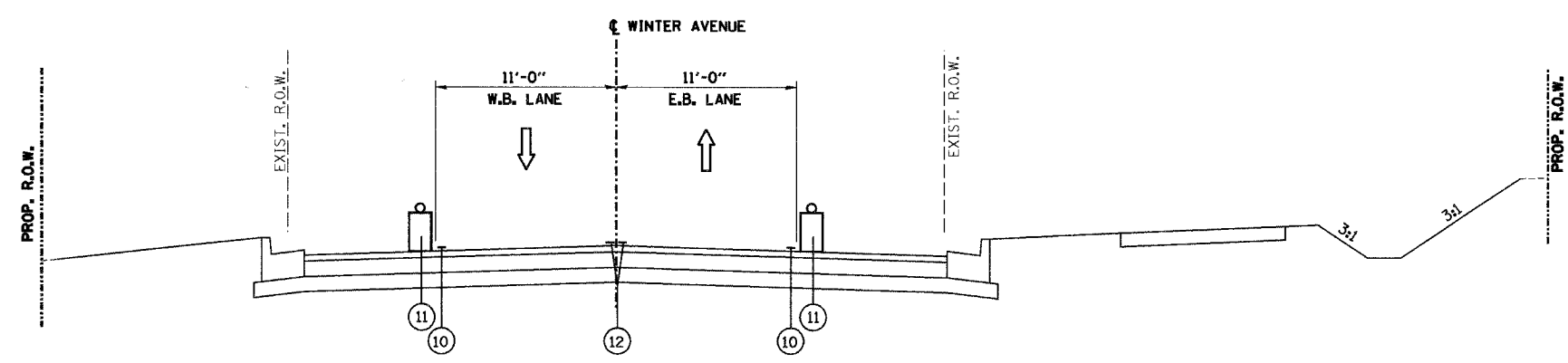
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: NTS DATE: 12/21/06
DRAWN BY: MLS CHECKED BY: MBF

PLAN	DATE
SURVEYED	BY
DESIGNED	
CHECKED	
IN CHARGE	
NO. OF MAY CHECKED	
NO.	
CADD FILE NAME	



STAGE 3
STA. 114+50.00 TO STA. 141+50.00



STAGE 3
STA. 141+50.00 TO STA. 147+50.00

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
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- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

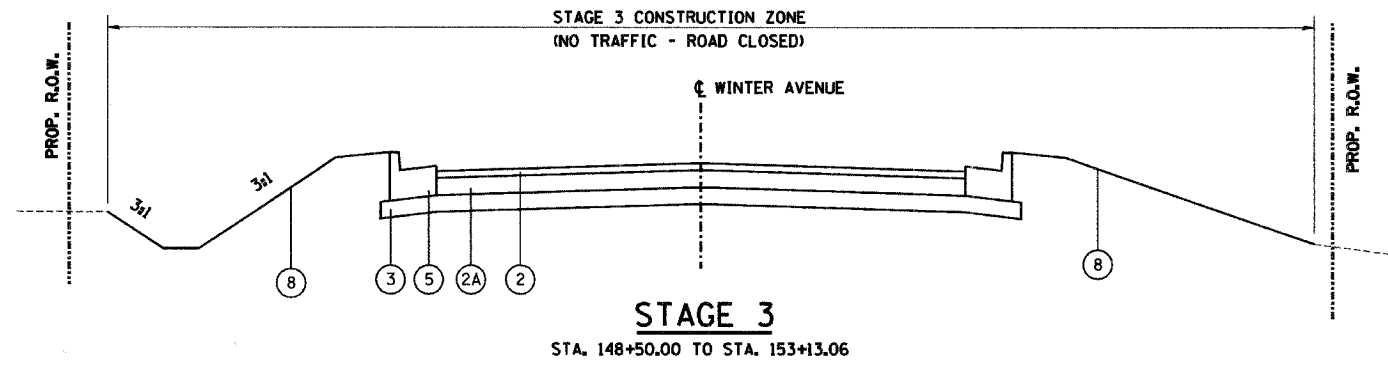
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: NTS	DATE: 12/21/06
DRAWN BY: MLS	CHECKED BY: MBF

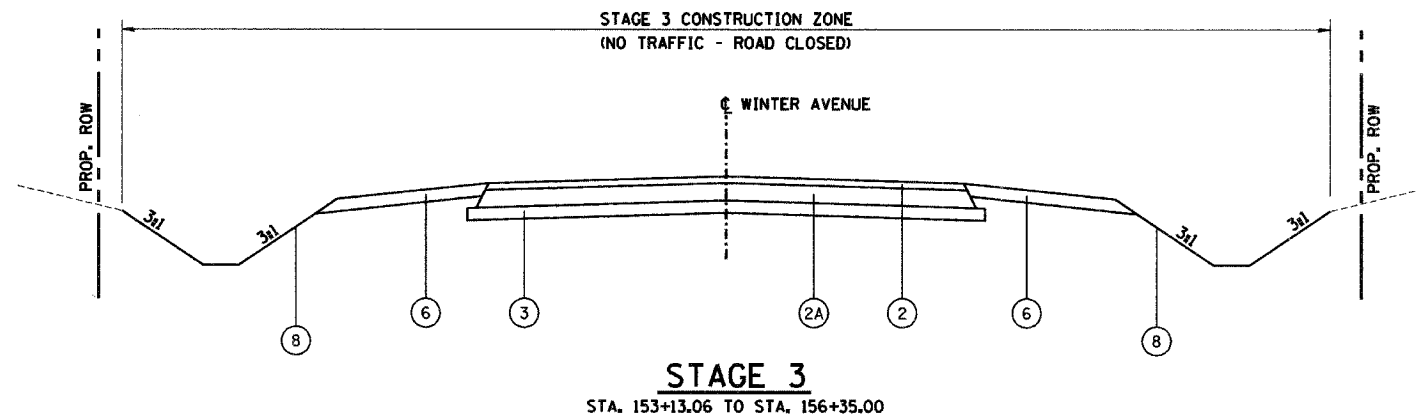
F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	139
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO., ILLINOIS	FED. AID PROJECT-			
CONTRACT NO.: 91358				

PLAN	DATE
BY	
REVISIONS	
NOTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	



LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"



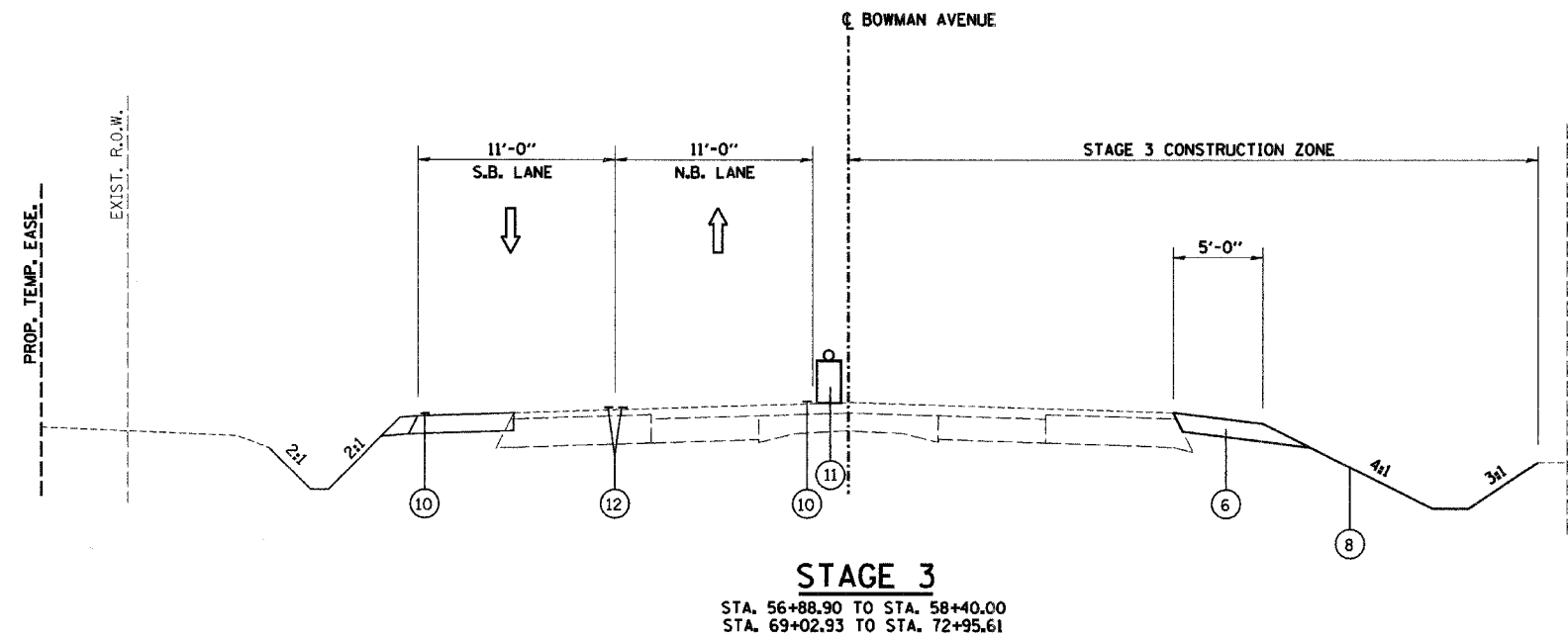
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION

**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS**

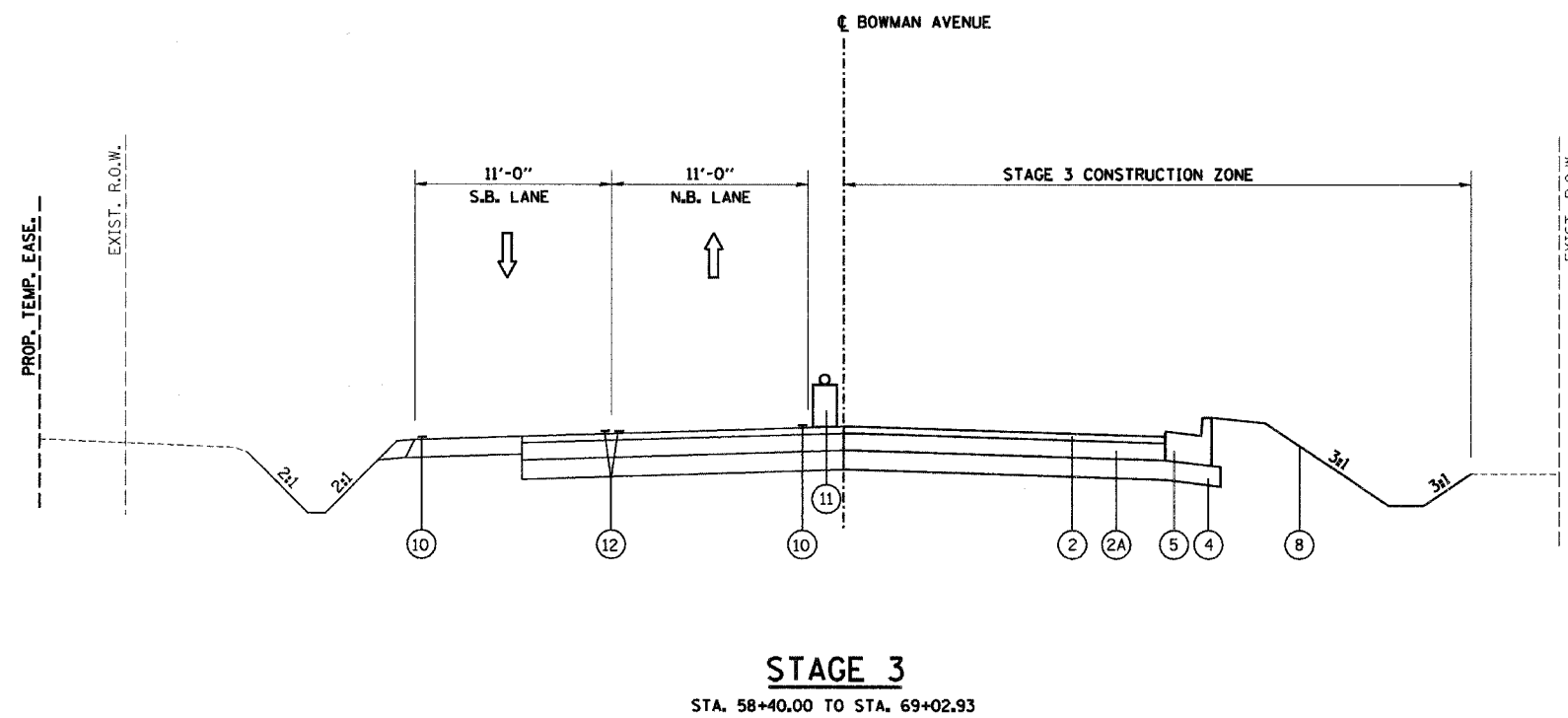
SCALE: NTS DATE: 12/21/06
DRAWN BY: MLS CHECKED BY: MBF

PLAN	SURVEYED	DATE
	PLANNED	
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	BY	
	NO. OF MAN. CHECKED	
	CADD FILE NAME	



LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"



REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

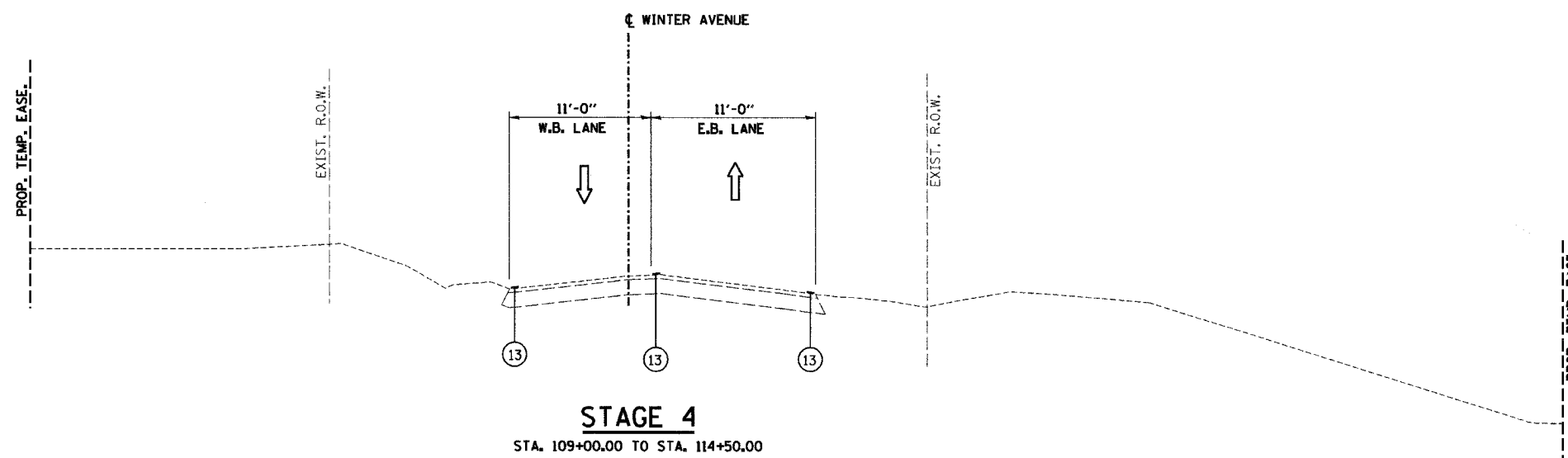
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	141
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		

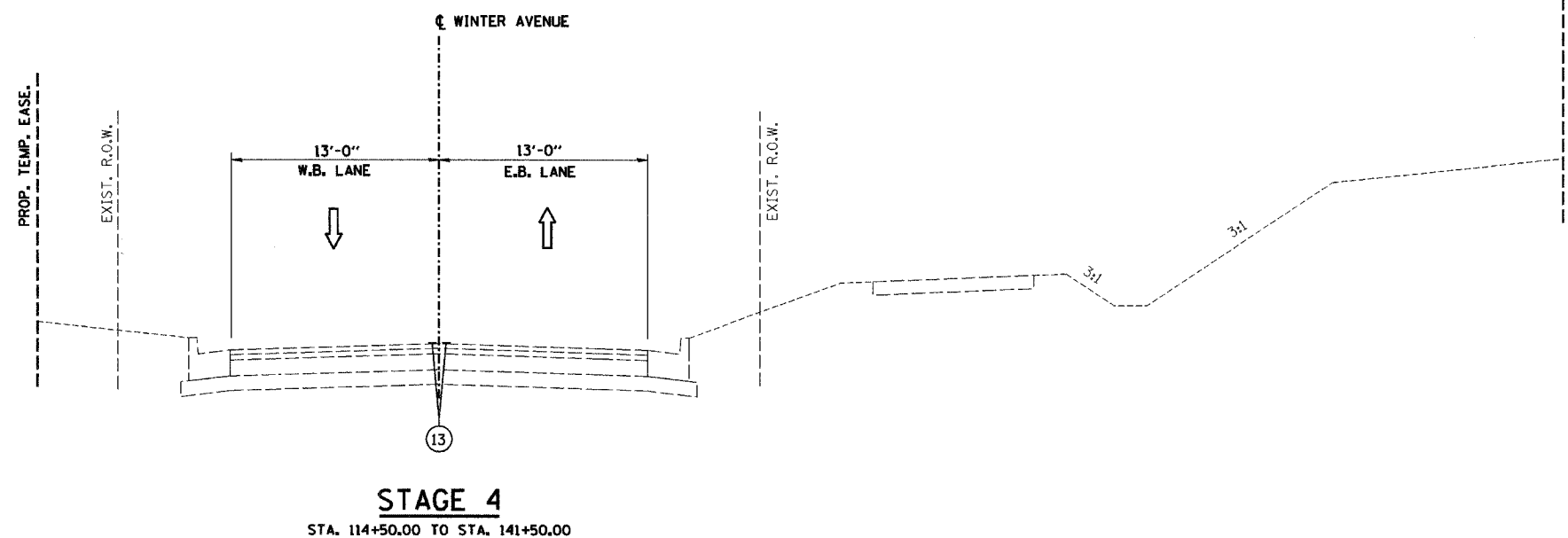
CONTRACT NO.: 91358

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
NO.	CHECKED	
	REVISIONS	
	DATE	
	BY	
	NO.	



LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
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- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
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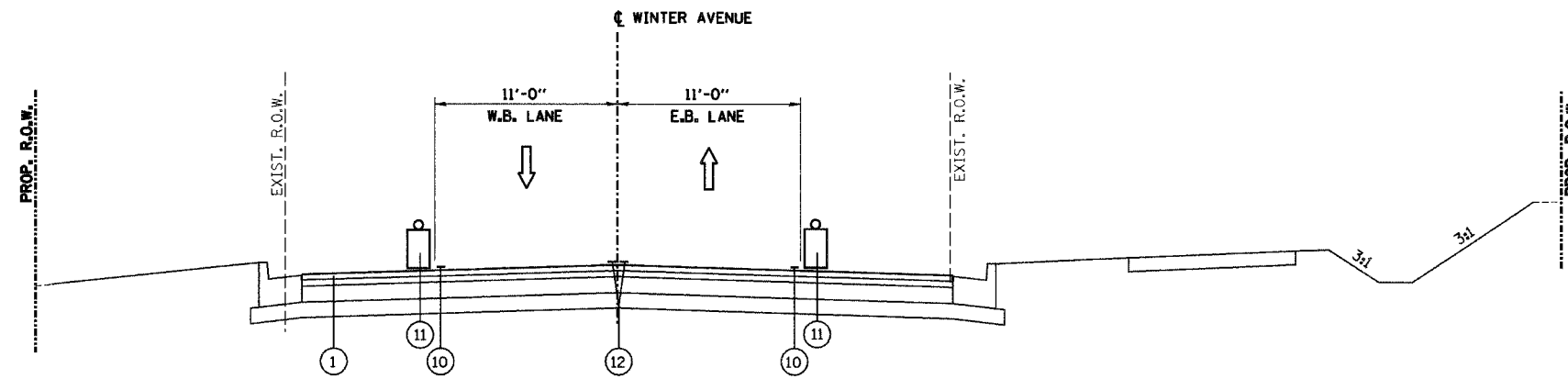


SHEET 10 OF 16

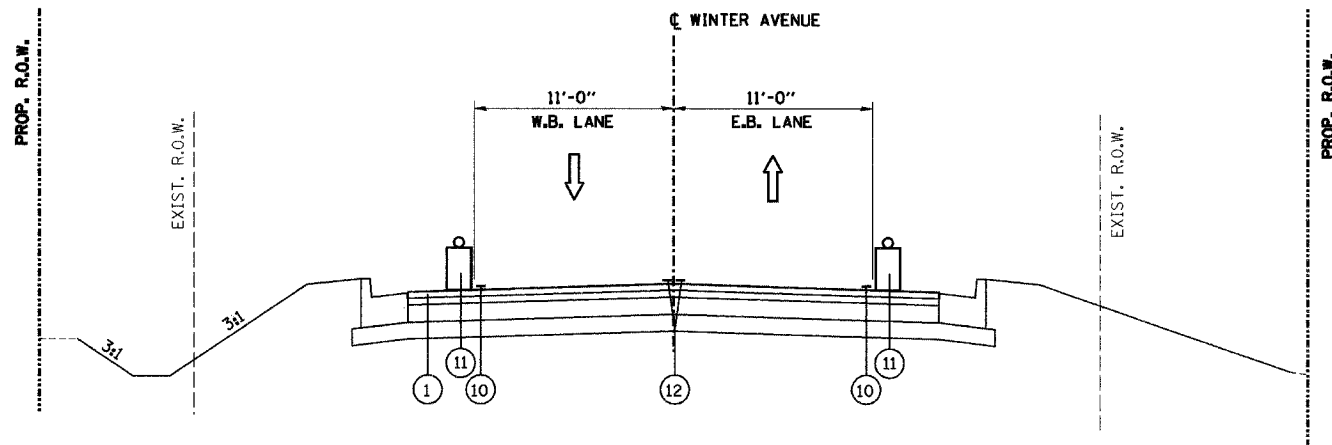
REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SCALE: NTS
DRAWN BY: MLS
DATE: 12/21/06
CHECKED BY: MBF

PLAN	SURVEYED	DATE
	BY	
	NOTED	
	PLANNED	
	DESIGNED	
	CHECKED	
	BY	
	DATE	



STAGE 4
STA. 141+50.00 TO STA. 147+50.00



STAGE 4
STA. 148+50.00 TO STA. 153+13.06

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
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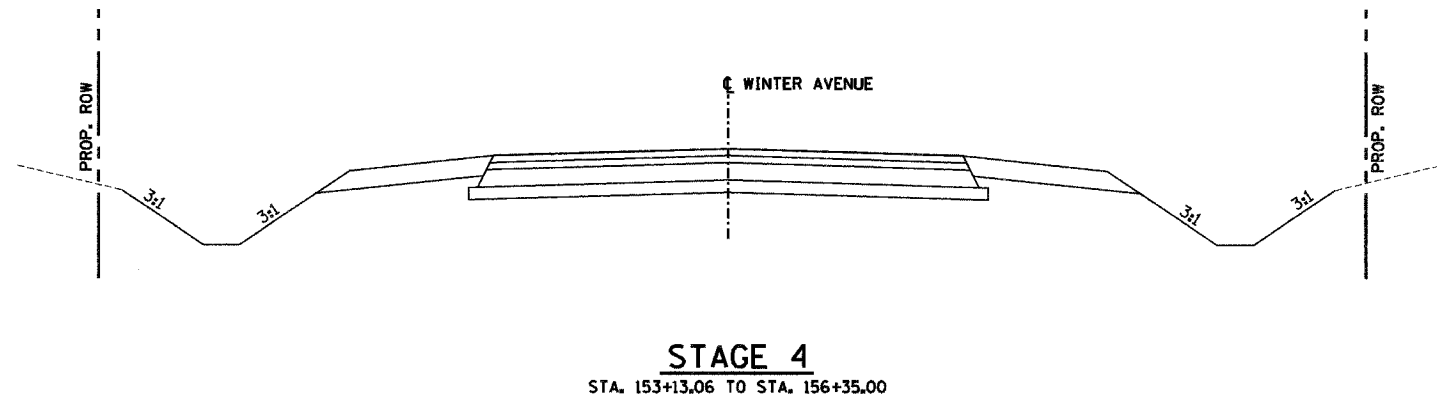
REVISIONS		NAME	DATE
NO.	DESCRIPTION		

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

SCALE: NTS DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

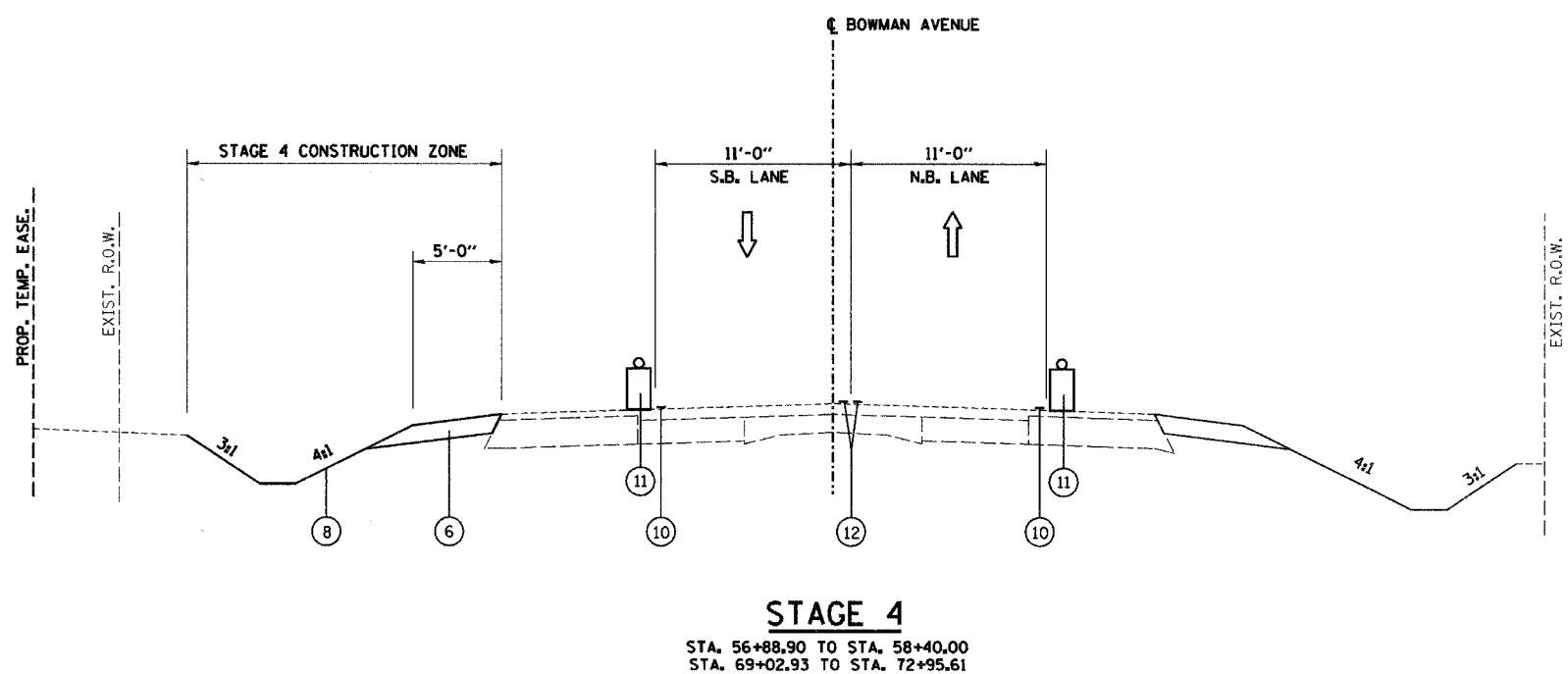
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	143
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WYS. CHECKED	
	CADD FILE NAME	



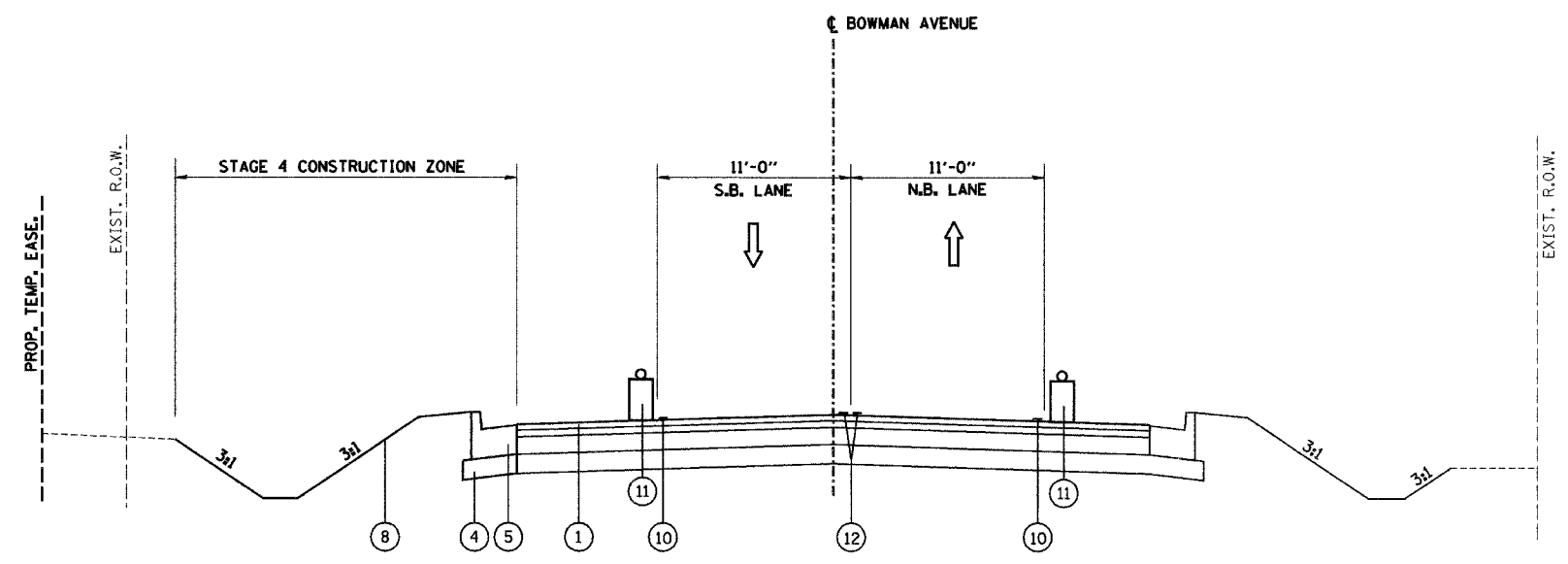
LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ②A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 5 3/4"
- ③ AGGREGATE BASE COURSE, TYPE A, 5.5"
- ④ AGGREGATE BASE COURSE, TYPE A, 6.5"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (FOR BICYCLE PATH)
- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

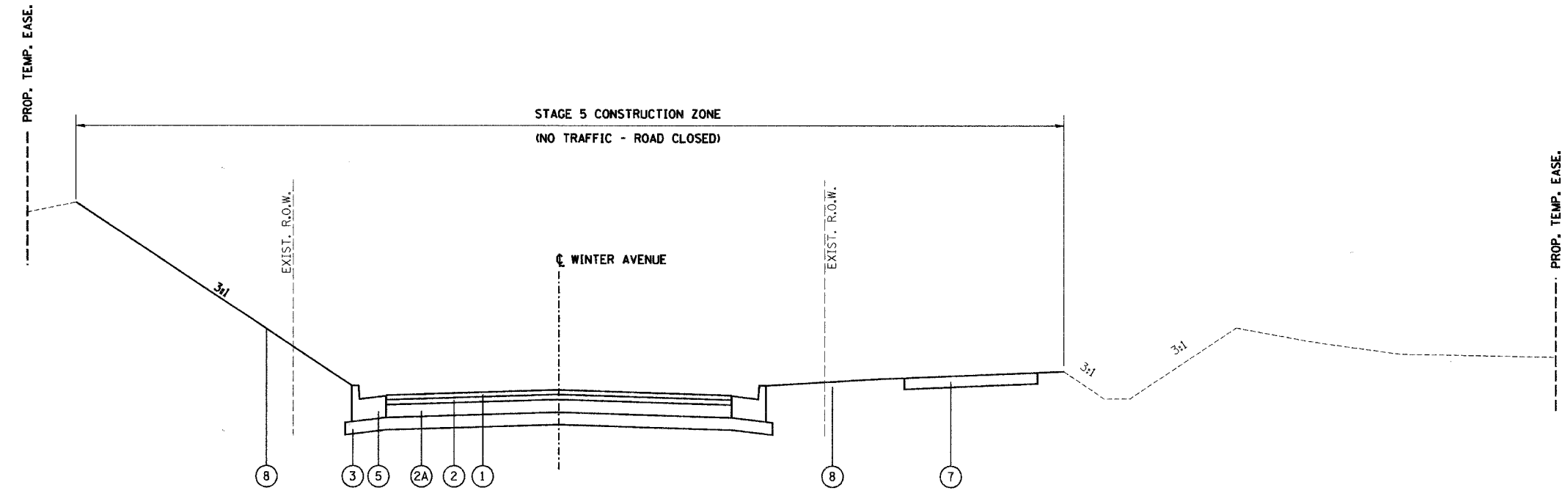


REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
SCALE: NTS		DATE: 12/21/06
DRAWN BY: MLS		CHECKED BY: MBF

PLAN	SURVEYED	DATE
NOTE BOOK	PLANNED	
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



STAGE 4
STA. 58+40.00 TO STA. 69+02.93



STAGE 5
STA. 100+10.00 TO STA. 114+50.00

LEGEND, TRAFFIC MAINTENANCE

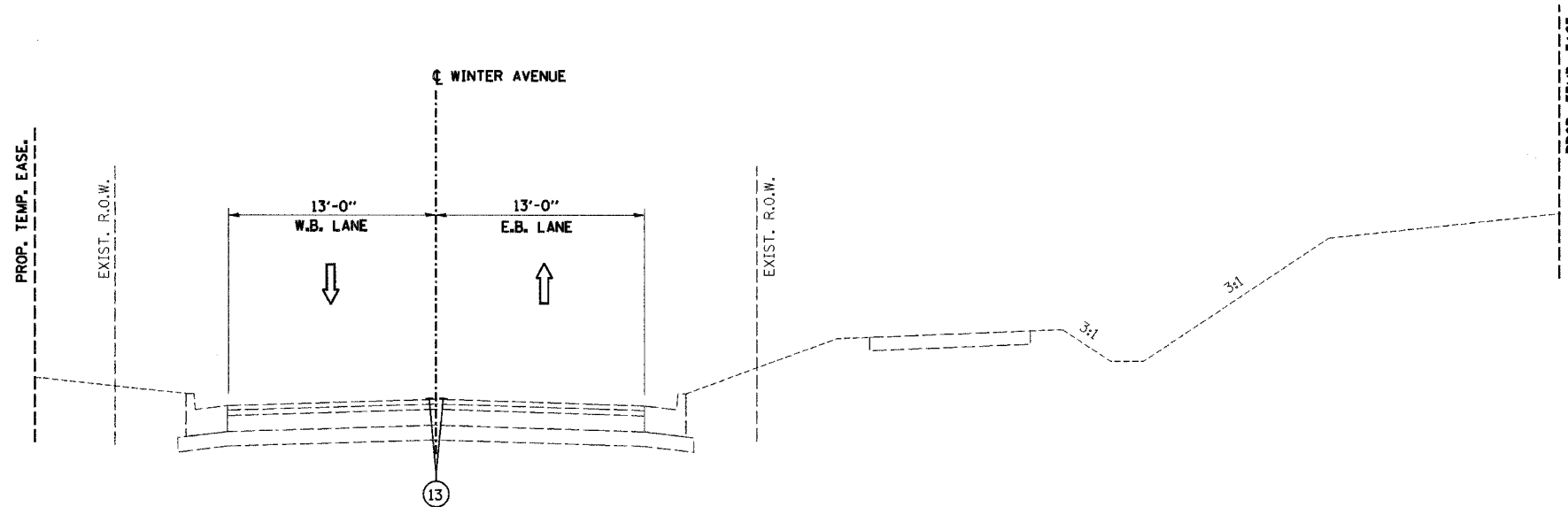
- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
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- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
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- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

REVISIONS	
NAME	DATE

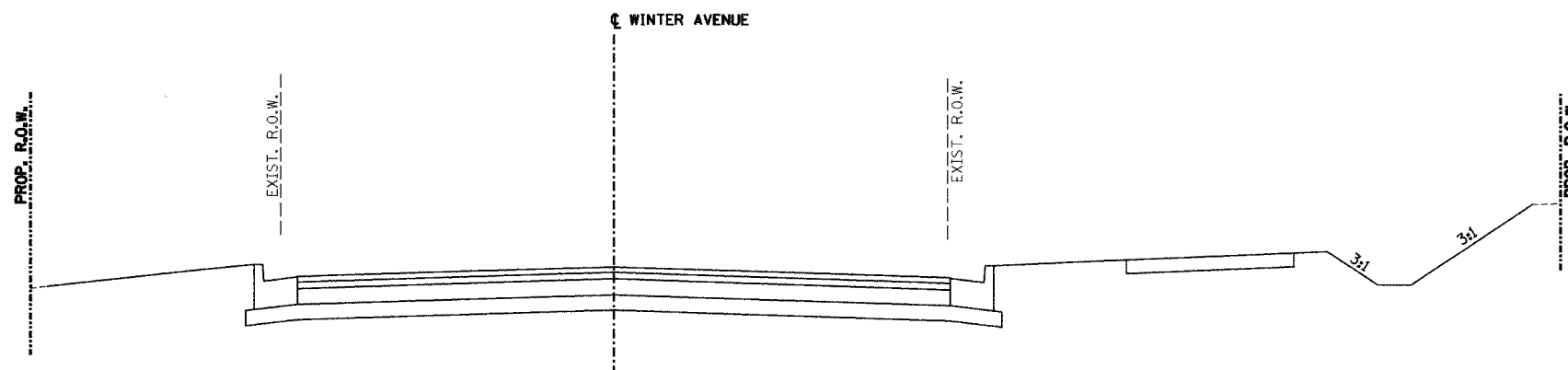
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

SCALE: NTS
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

PLAN	SURVEYED	DATE
NOTE BOOK NO.	BY	
	CHECKED	
	DATE	
	FILE NAME	



STAGE 5
STA. 114+50.00 TO STA. 141+50.00



STAGE 5
STA. 141+50.00 TO STA. 147+50.00

NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ②A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 5 3/4"
- ③ AGGREGATE BASE COURSE, TYPE A, 5.5"
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- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (FOR BICYCLE PATH)
- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

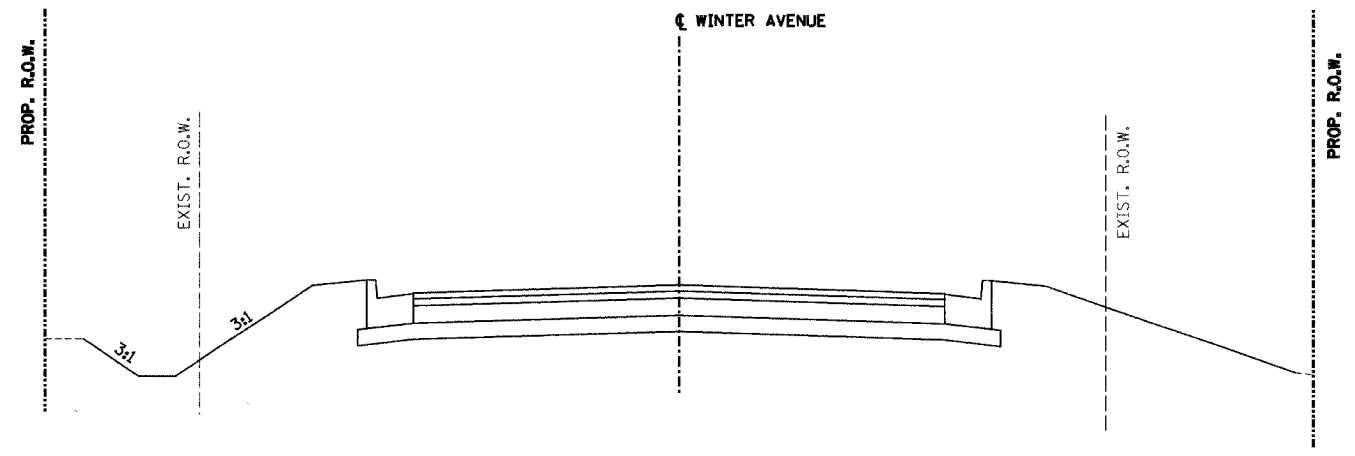
SCALE: NTS
DRAWN BY: MLS

DATE: 12/21/06
CHECKED BY: MBF

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	146
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-			

CONTRACT NO.: 91358

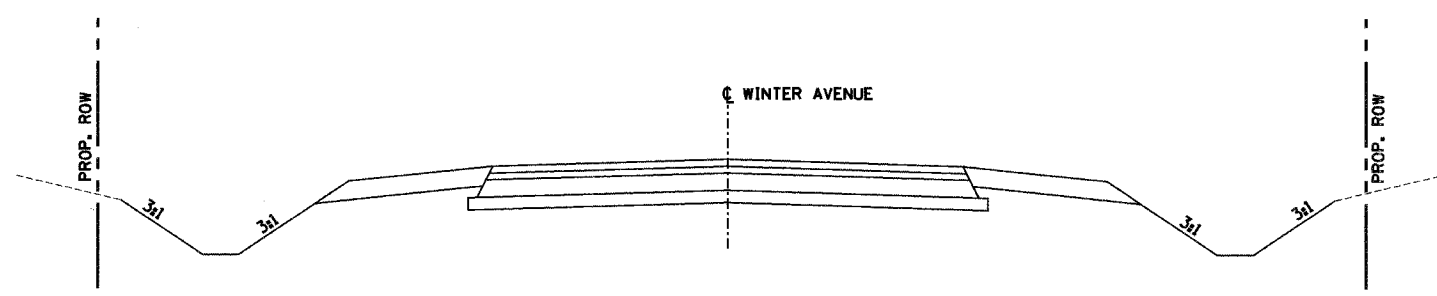
PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	NOT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		



STAGE 5

STA. 148+50.00 TO STA. 153+13.06

NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.



STAGE 5

STA. 153+13.06 TO STA. 156+35.00

LEGEND, TRAFFIC MAINTENANCE

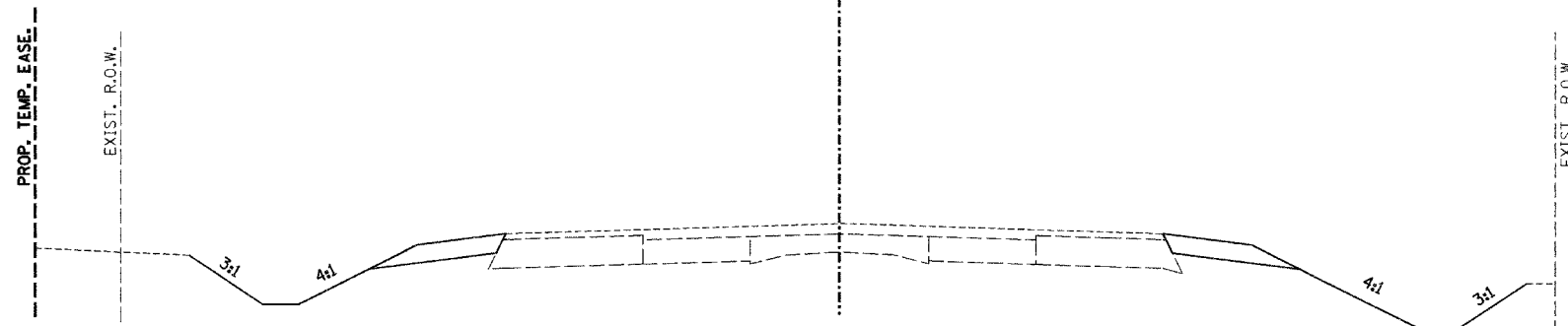
- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ②A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 5 3/4"
- ③ AGGREGATE BASE COURSE, TYPE A, 5.5"
- ④ AGGREGATE BASE COURSE, TYPE A, 6.5"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ AGGREGATE SHOULDER, TYPE A, 6"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (FOR BICYCLE PATH)
- ⑧ SEEDING, CLASS 1A
- ⑨ TEMPORARY EROSION CONTROL SEEDING
- ⑩ TEMPORARY PAVEMENT MARKING LINE 4" WHITE OR YELLOW
- ⑪ TEMPORARY LIGHTED BARRICADE, DRUM, OR VERTICAL PANEL
- ⑫ TEMPORARY PAVEMENT MARKING LINE 4" DOUBLE YELLOW AT 6" C-C
- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

SHEET 15 OF 16

REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
SCALE: NTS		DATE: 12/21/06
DRAWN BY: MLS		CHECKED BY: MBF

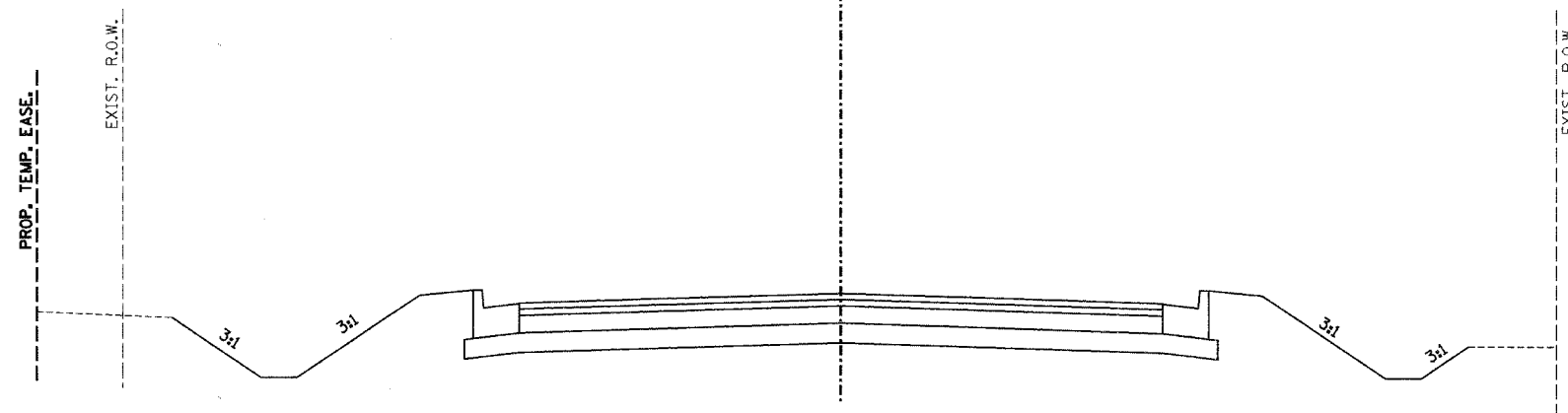
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	147
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
NO.	BY	
	CHECKED	
	DATE	
	BY	
	CHECKED	
	DATE	



NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

STAGE 5
 STA. 56+88.90 TO STA. 58+40.00
 STA. 69+02.93 TO STA. 72+95.61



NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

STAGE 5
 STA. 58+40.00 TO STA. 69+02.93

LEGEND, TRAFFIC MAINTENANCE

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ②A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 5 3/4"
- ③ AGGREGATE BASE COURSE, TYPE A, 5.5"
- ④ AGGREGATE BASE COURSE, TYPE A, 6.5"
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- ⑨ TEMPORARY EROSION CONTROL SEEDING
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- ⑬ EXISTING PAVEMENT MARKING
- ⑭ TEMPORARY BITUMINOUS PAVEMENT, 6"
- ⑮ TEMPORARY AGGREGATE SHOULDER, 6"

SHEET 16 OF 16

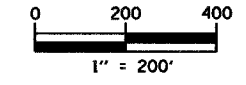
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

SCALE: NTS
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

STAGE 1

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	148
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



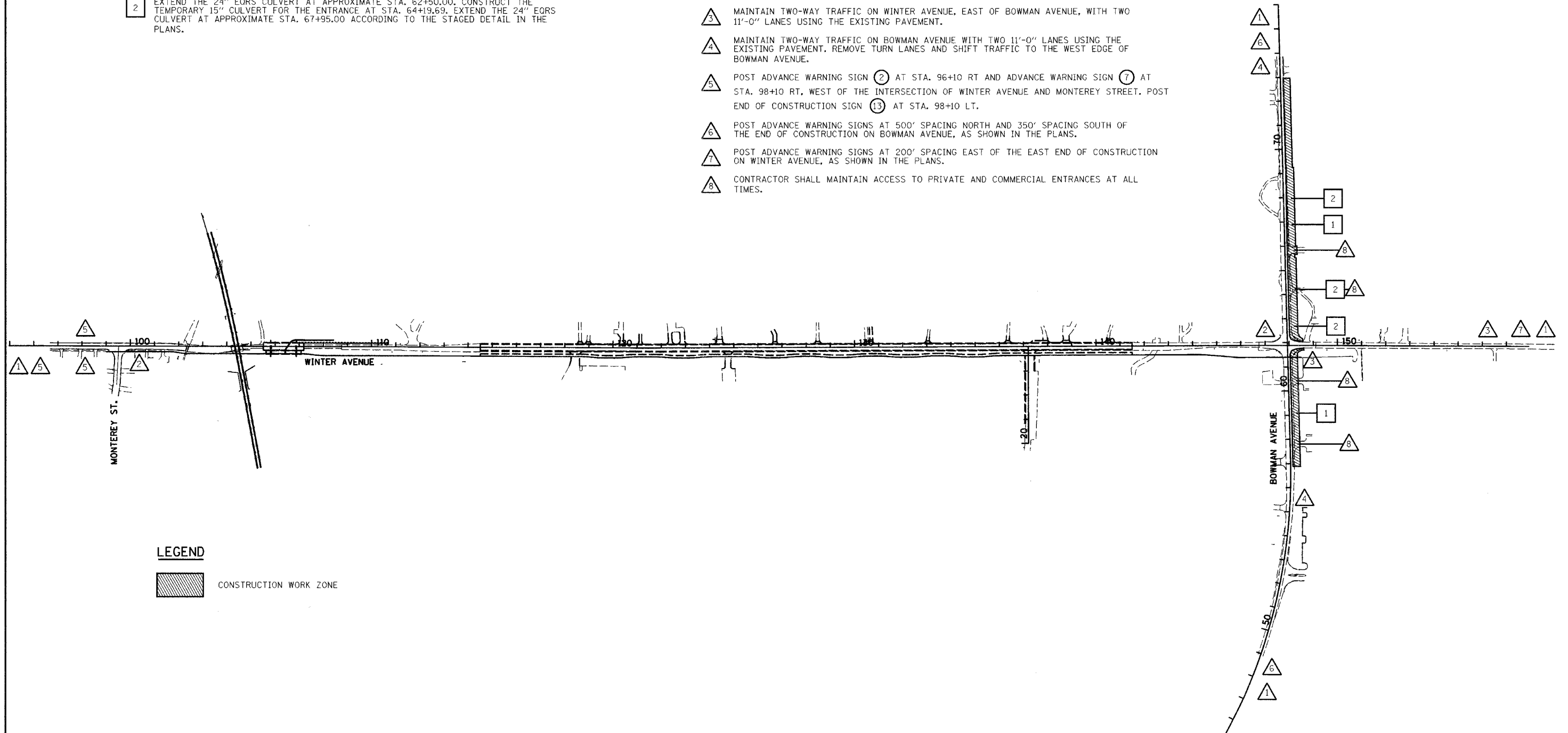
CONSTRUCTION:

- 1 CONSTRUCT TEMPORARY BITUMINOUS PAVEMENTS, AGGREGATE SHOULDERS AND TEMPORARY DITCHES IN THE FOLLOWING RANGES:
EAST SIDE OF BOWMAN AVENUE - STA. 56+88.90 TO STA. 61+59.39
EAST SIDE OF BOWMAN AVENUE - STA. 62+16.13 TO STA. 72+95.61
- 2 EXTEND THE 24" EORS CULVERT AT APPROXIMATE STA. 62+50.00, CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT STA. 64+19.69, EXTEND THE 24" EORS CULVERT AT APPROXIMATE STA. 67+95.00 ACCORDING TO THE STAGED DETAIL IN THE PLANS.

TRAFFIC:

- 1 COORDINATE WITH THE CITY OF DANVILLE OR AS DIRECTED BY THE ENGINEER FOR ADVANCED WARNING SIGNS FOR A DETOUR ROUTE.
- 2 MAINTAIN TWO-WAY TRAFFIC ON WINTER AVENUE FROM MONTEREY STREET TO BOWMAN AVENUE USING THE INTERIM TRAFFIC SIGNALS AT THE STONEY CREEK AND CSX STRUCTURES AND THE EXISTING PAVEMENTS.
- 3 MAINTAIN TWO-WAY TRAFFIC ON WINTER AVENUE, EAST OF BOWMAN AVENUE, WITH TWO 11'-0" LANES USING THE EXISTING PAVEMENT.
- 4 MAINTAIN TWO-WAY TRAFFIC ON BOWMAN AVENUE WITH TWO 11'-0" LANES USING THE EXISTING PAVEMENT. REMOVE TURN LANES AND SHIFT TRAFFIC TO THE WEST EDGE OF BOWMAN AVENUE.
- 5 POST ADVANCE WARNING SIGN (2) AT STA. 96+10 RT AND ADVANCE WARNING SIGN (7) AT STA. 98+10 RT, WEST OF THE INTERSECTION OF WINTER AVENUE AND MONTEREY STREET. POST END OF CONSTRUCTION SIGN (13) AT STA. 98+10 LT.
- 6 POST ADVANCE WARNING SIGNS AT 500' SPACING NORTH AND 350' SPACING SOUTH OF THE END OF CONSTRUCTION ON BOWMAN AVENUE, AS SHOWN IN THE PLANS.
- 7 POST ADVANCE WARNING SIGNS AT 200' SPACING EAST OF THE EAST END OF CONSTRUCTION ON WINTER AVENUE, AS SHOWN IN THE PLANS.
- 8 CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE AND COMMERCIAL ENTRANCES AT ALL TIMES.

PLAN	SURVEYED	DATE
	PLANNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



LEGEND

CONSTRUCTION WORK ZONE

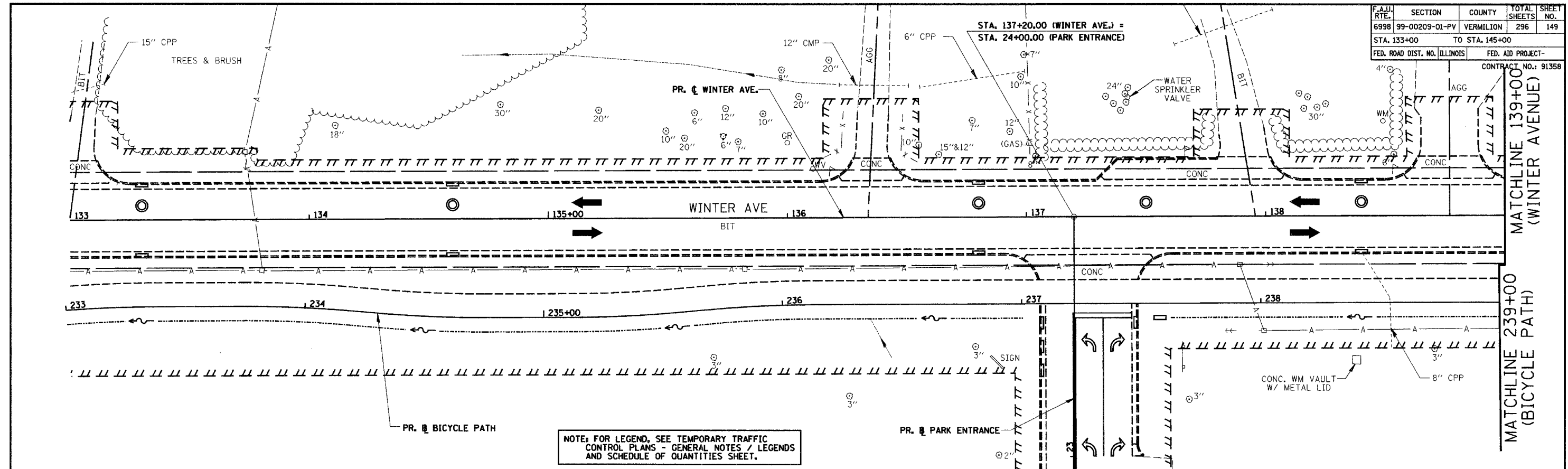
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
OVERALL STAGE 1

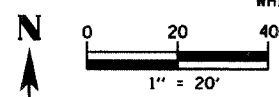
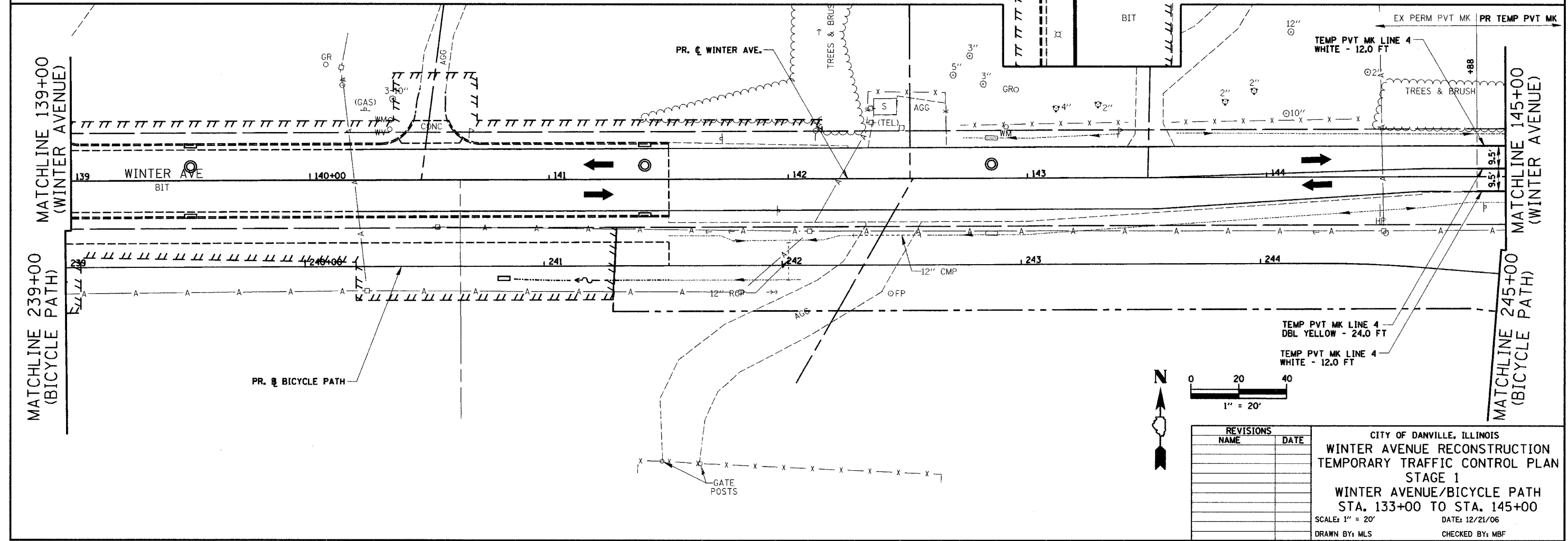
SCALE: 1" = 200' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: SRS

PLAN	DATE
SURVEYED	BY
PLOTTED	
CHECKED	
REVISIONS	
NO. OF WAYS CHECKED	
CADD FILE NAME	
NO.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	149
STA. 133+00		TO STA. 145+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

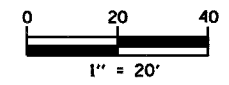


REVISIONS	
NAME	DATE

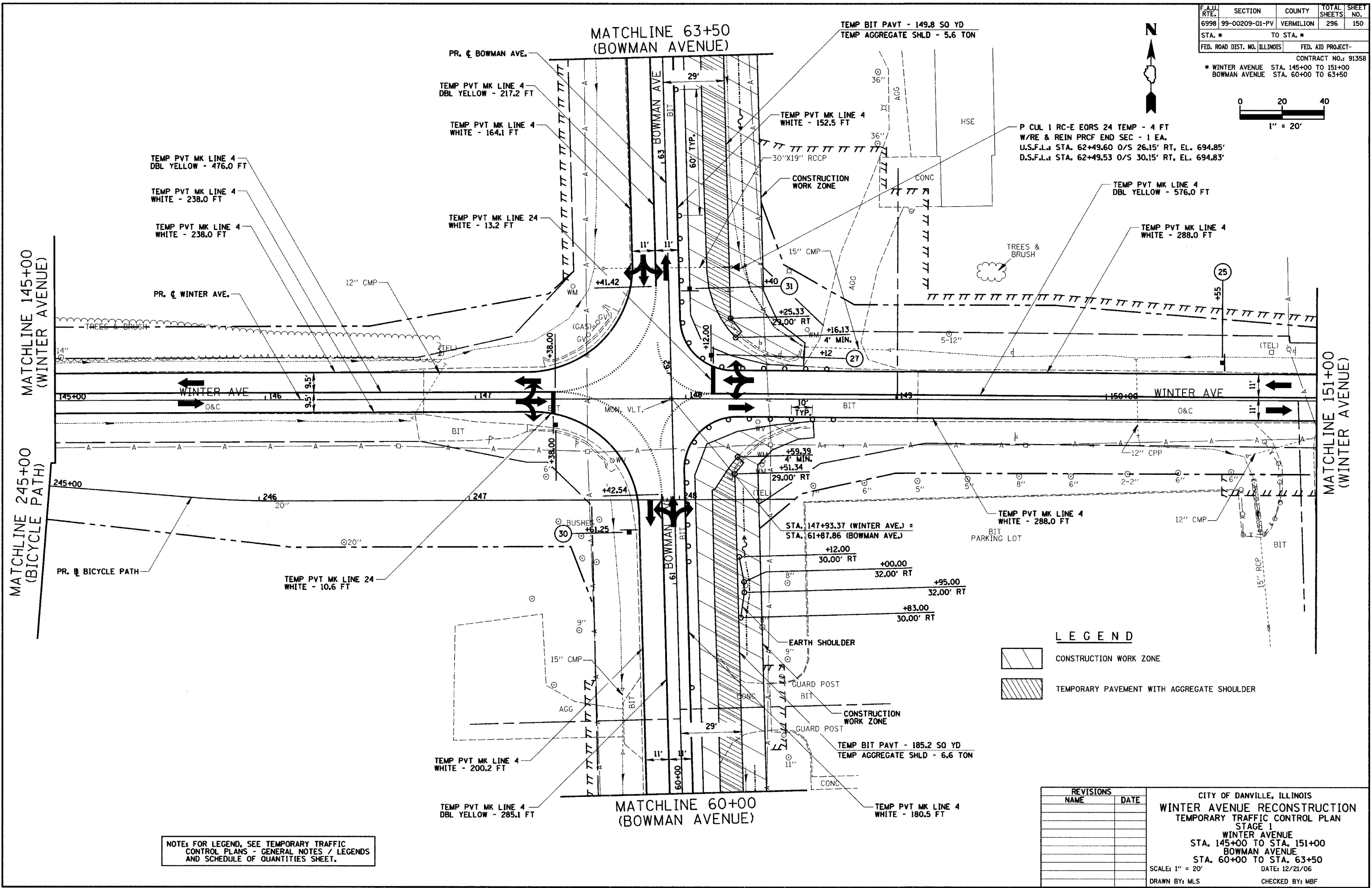
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 1
WINTER AVENUE/BICYCLE PATH
STA. 133+00 TO STA. 145+00

SCALE: 1" = 20' DATE: 12/21/06
DRAWN BY: MLS CHECKED BY: MBF

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	150
STA. #	TO STA. #			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-			
CONTRACT NO.: 91358				
* WINTER AVENUE STA. 145+00 TO 151+00				
BOWMAN AVENUE STA. 60+00 TO 63+50				



PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
REL. OF WAY CHECKED	
CADD FILE NAME	
NO.	



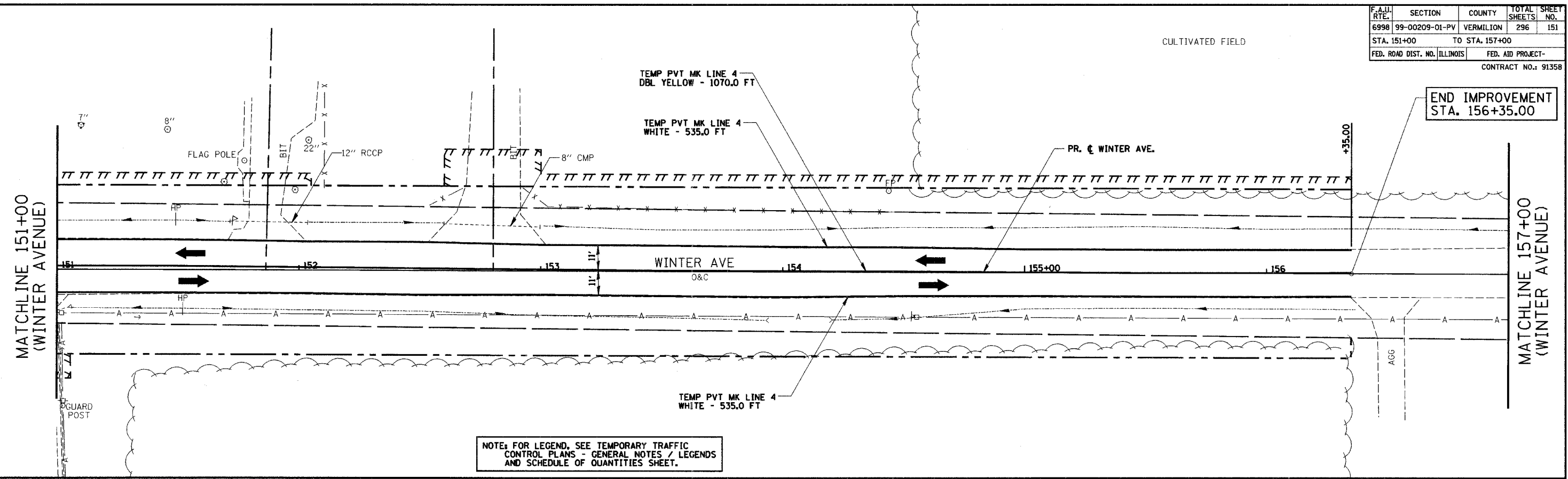
NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

REVISIONS	
NAME	DATE

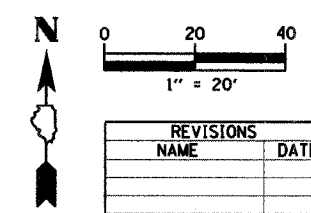
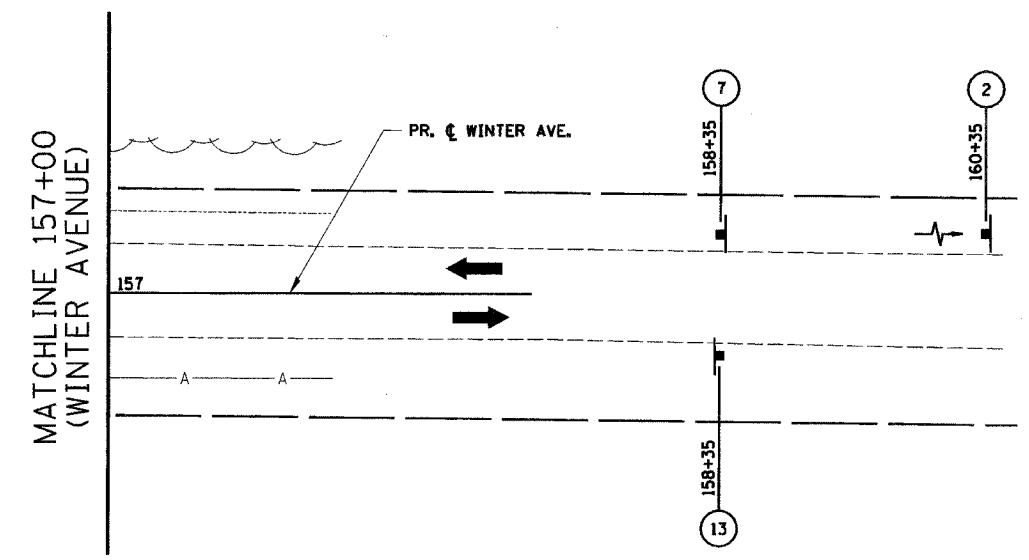
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY TRAFFIC CONTROL PLAN
 STAGE 1
 WINTER AVENUE
 STA. 145+00 TO STA. 151+00
 BOWMAN AVENUE
 STA. 60+00 TO STA. 63+50
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	151
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
	BY	
	NOTED	
	DESIGNED	
	CHECKED	
	DATE	
	BY	
	NO.	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



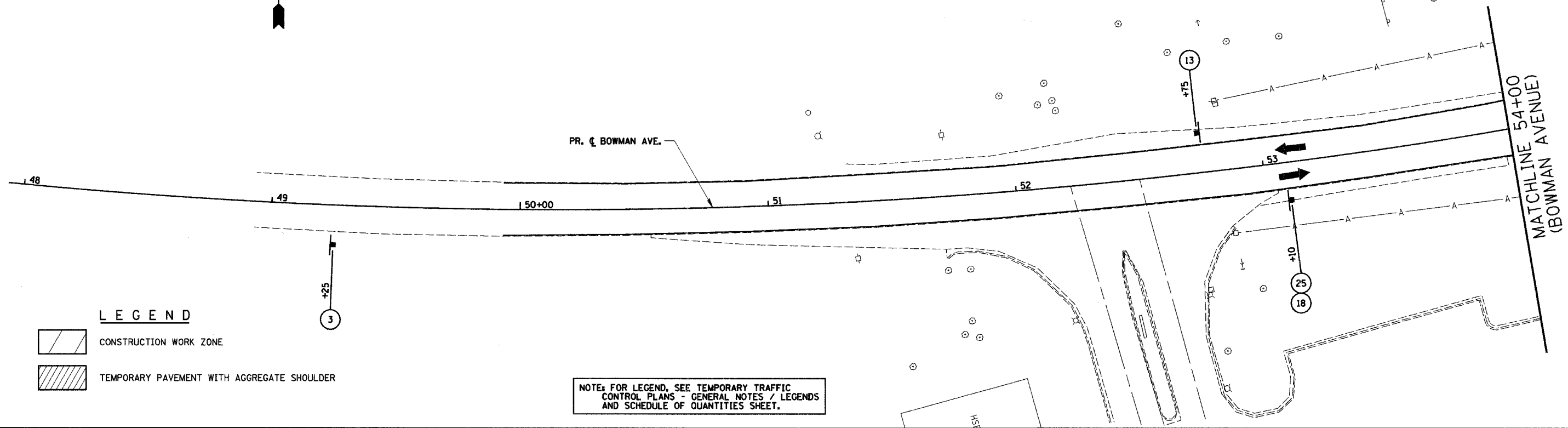
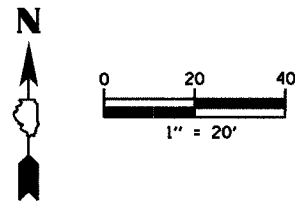
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 1
WINTER AVENUE/BICYCLE PATH
STA. 151+00 TO STA. 157+00

SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	152
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

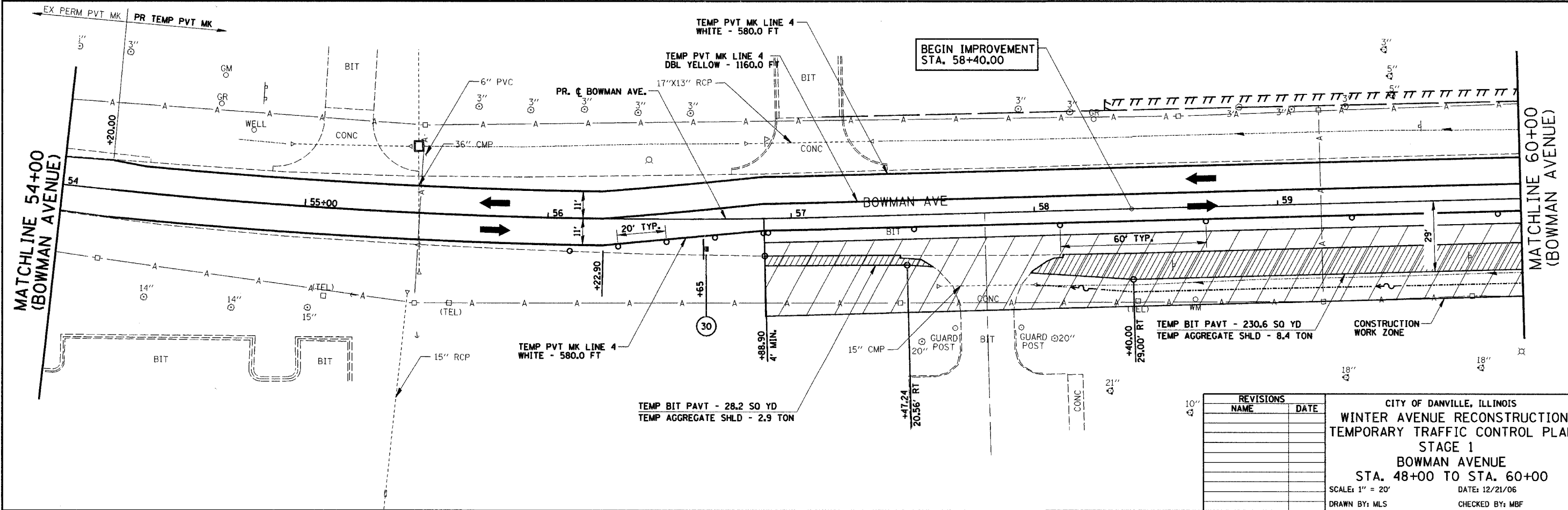
PLAN	BY	DATE
SURVEYED		
PLANNED		
DESIGNED		
CHECKED		
REVISIONS		
NO.		



LEGEND

	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

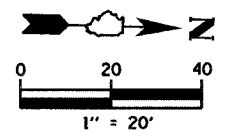
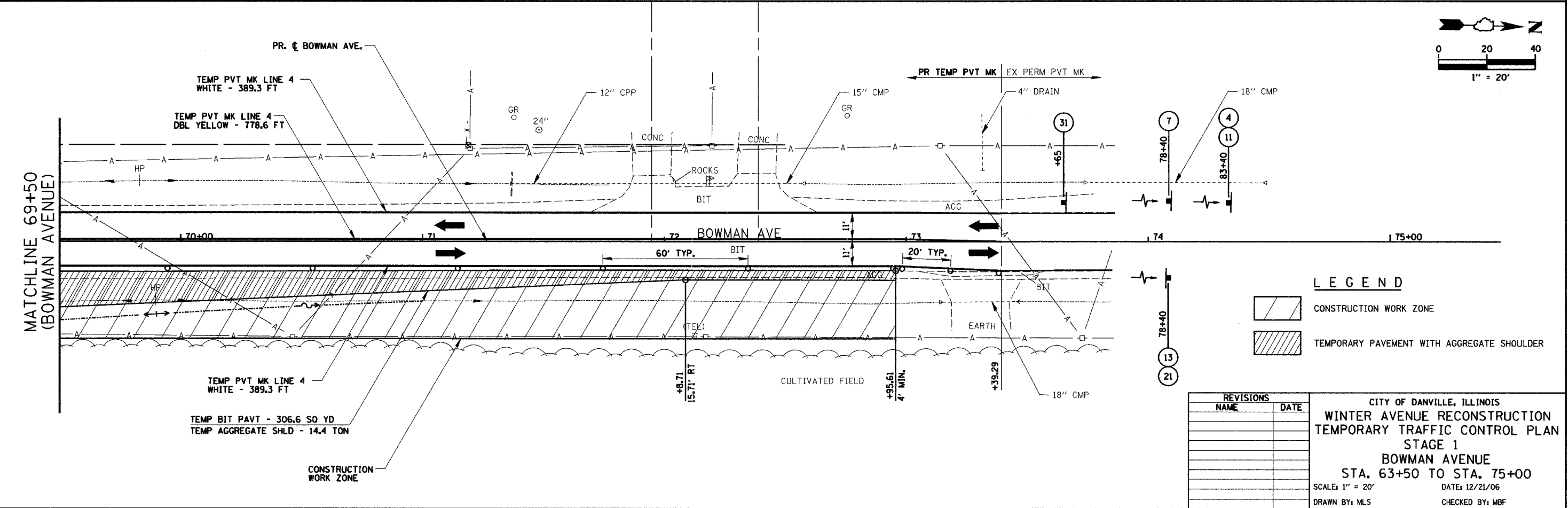
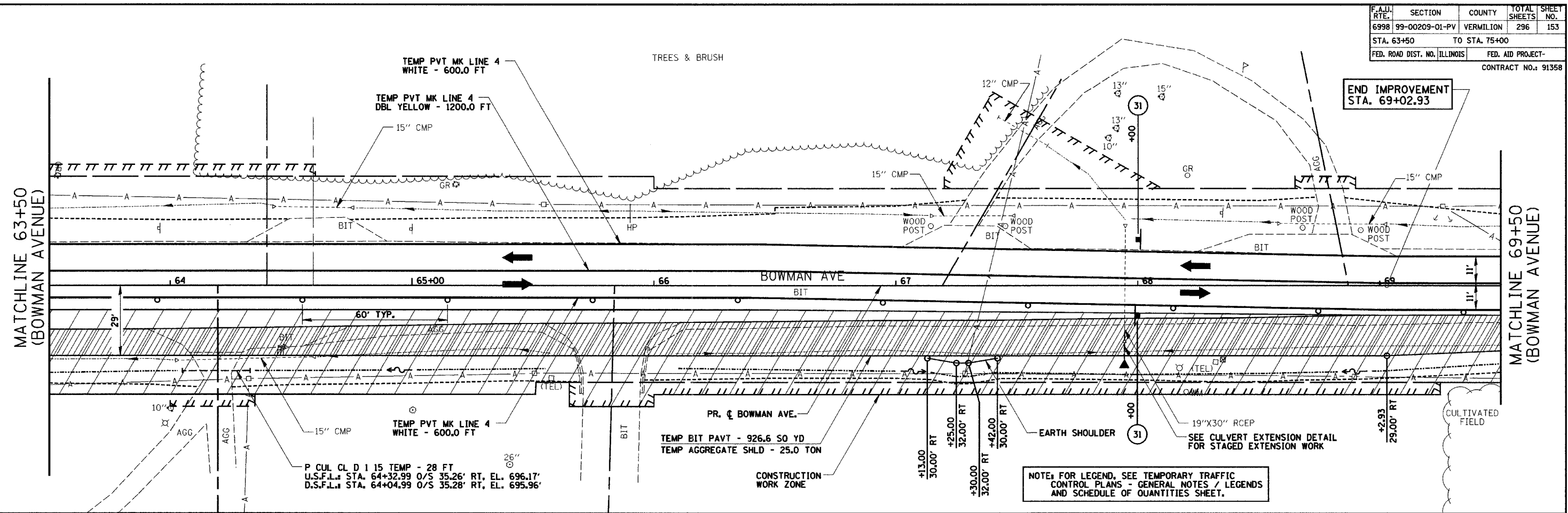


REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 1
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	153
STA. 63+50		TO STA. 75+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	



LEGEND

	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

REVISIONS	
NAME	DATE

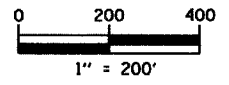
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 1
BOWMAN AVENUE
STA. 63+50 TO STA. 75+00

SCALE: 1" = 20' DATE: 12/21/06
DRAWN BY: MLS CHECKED BY: MBF

NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

STAGE 2

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	154
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



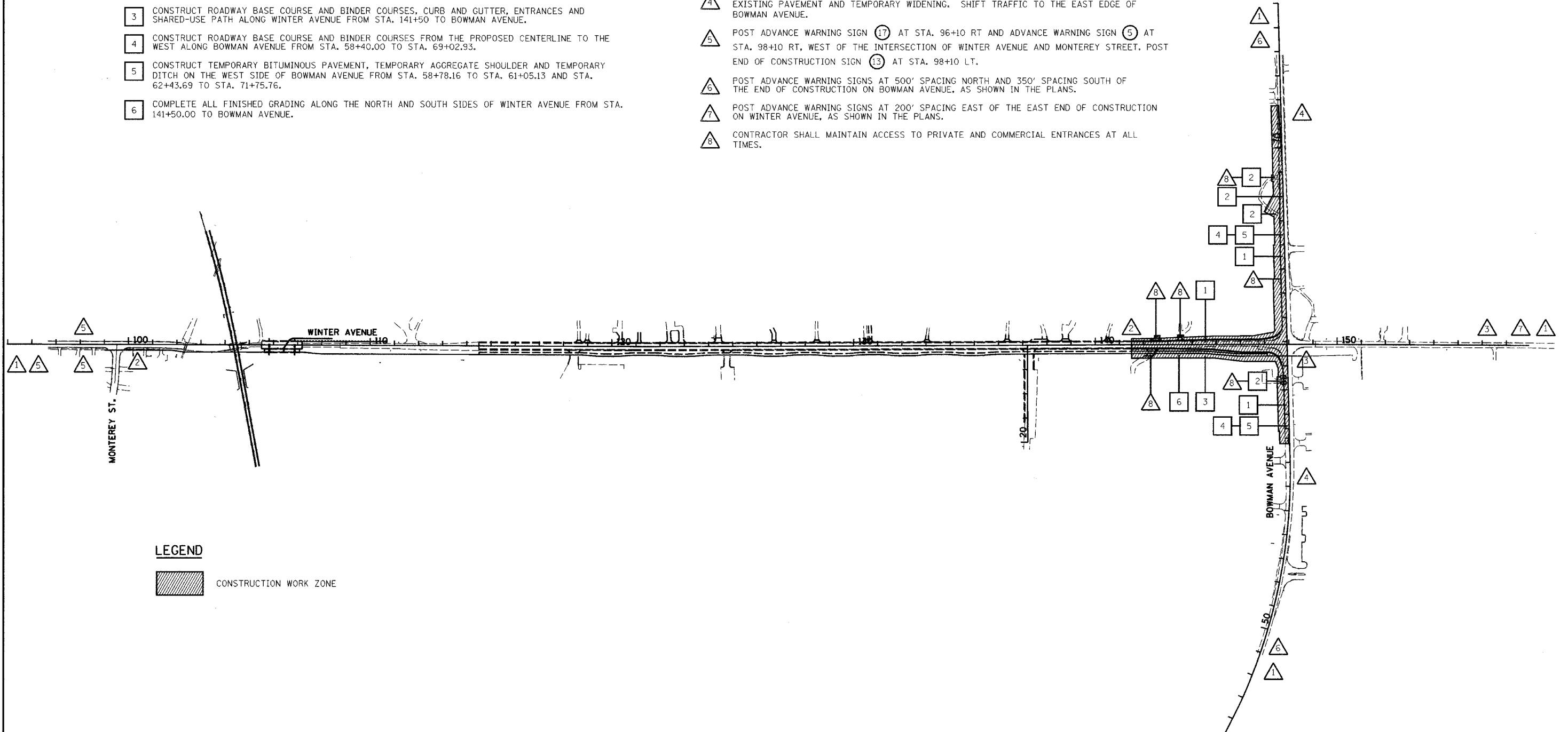
CONSTRUCTION:

- 1 CONSTRUCT THE MAIN STORM SEWER BRANCH AND INLETS ON WINTER AVENUE FROM STA. 142+85.00 TO BOWMAN AVENUE. CONSTRUCT THE MAIN STORM SEWER BRANCH AND INLETS ON THE WEST SIDE OF BOWMAN AVENUE FROM STA. 59+78.00 TO STA. 66+85.00. CONSTRUCT PIPES TO THE EAST ON BOWMAN AVENUE WHICH CAN EXTEND UP TO 3 FEET PAST THE CENTERLINE TO ACCOMMODATE STAGE CONSTRUCTION OF THE BRANCH STORM SEWER LINES. INLETS ALONG THE WEST SIDE OF BOWMAN AVENUE WILL BE COVERED WITH A STEEL PLATE TO ACCOMMODATE PLACING THE TEMPORARY BITUMINOUS WIDENING.
- 2 CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT LT. STA. 60+35.78. CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT STA. 67+19.20. EXTEND THE 24" EORS CULVERT AT APPROXIMATE STA. 67+95.00 ACCORDING TO THE STAGED DETAIL IN THE PLANS. CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT STA. 68+86.99.
- 3 CONSTRUCT ROADWAY BASE COURSE AND BINDER COURSES, CURB AND GUTTER, ENTRANCES AND SHARED-USE PATH ALONG WINTER AVENUE FROM STA. 141+50 TO BOWMAN AVENUE.
- 4 CONSTRUCT ROADWAY BASE COURSE AND BINDER COURSES FROM THE PROPOSED CENTERLINE TO THE WEST ALONG BOWMAN AVENUE FROM STA. 58+40.00 TO STA. 69+02.93.
- 5 CONSTRUCT TEMPORARY BITUMINOUS PAVEMENT, TEMPORARY AGGREGATE SHOULDER AND TEMPORARY DITCH ON THE WEST SIDE OF BOWMAN AVENUE FROM STA. 58+78.16 TO STA. 61+05.13 AND STA. 62+43.69 TO STA. 71+75.76.
- 6 COMPLETE ALL FINISHED GRADING ALONG THE NORTH AND SOUTH SIDES OF WINTER AVENUE FROM STA. 141+50.00 TO BOWMAN AVENUE.

TRAFFIC:

- 1 COORDINATE WITH THE CITY OF DANVILLE OR AS DIRECTED BY THE ENGINEER FOR ADVANCED WARNING SIGNS FOR A DETOUR ROUTE.
- 2 MAINTAIN TWO-WAY TRAFFIC ON WINTER AVENUE FROM MONTEREY STREET TO STA. 141+50.00 USING THE INTERIM TRAFFIC SIGNALS AT THE STONEY CREEK AND CSX STRUCTURES AND THE EXISTING PAVEMENTS.
- 3 MAINTAIN TWO-WAY TRAFFIC ON WINTER AVENUE, EAST OF BOWMAN AVENUE, WITH TWO 11'-0" LANES USING THE EXISTING PAVEMENT.
- 4 MAINTAIN TWO-WAY TRAFFIC ON BOWMAN AVENUE WITH TWO 11'-0" LANES USING THE EXISTING PAVEMENT AND TEMPORARY WIDENING. SHIFT TRAFFIC TO THE EAST EDGE OF BOWMAN AVENUE.
- 5 POST ADVANCE WARNING SIGN (17) AT STA. 96+10 RT AND ADVANCE WARNING SIGN (5) AT STA. 98+10 RT, WEST OF THE INTERSECTION OF WINTER AVENUE AND MONTEREY STREET. POST END OF CONSTRUCTION SIGN (13) AT STA. 98+10 LT.
- 6 POST ADVANCE WARNING SIGNS AT 500' SPACING NORTH AND 350' SPACING SOUTH OF THE END OF CONSTRUCTION ON BOWMAN AVENUE, AS SHOWN IN THE PLANS.
- 7 POST ADVANCE WARNING SIGNS AT 200' SPACING EAST OF THE EAST END OF CONSTRUCTION ON WINTER AVENUE, AS SHOWN IN THE PLANS.
- 8 CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE AND COMMERCIAL ENTRANCES AT ALL TIMES.

DATE	
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LEGEND

CONSTRUCTION WORK ZONE

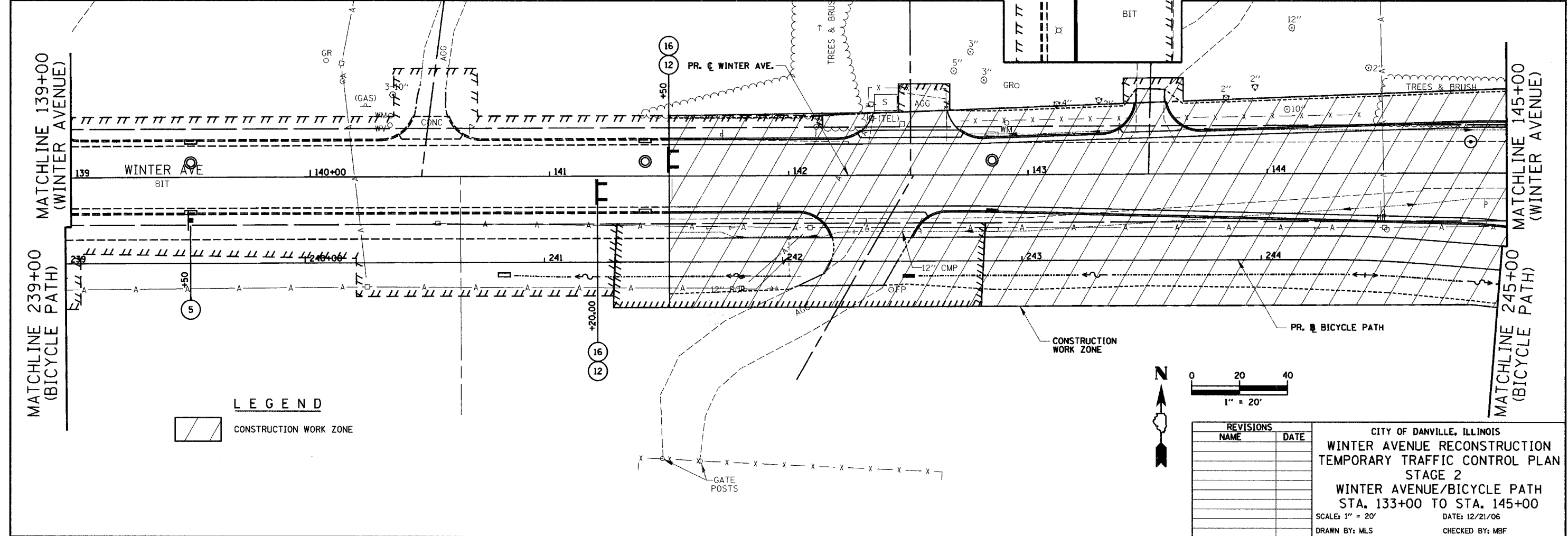
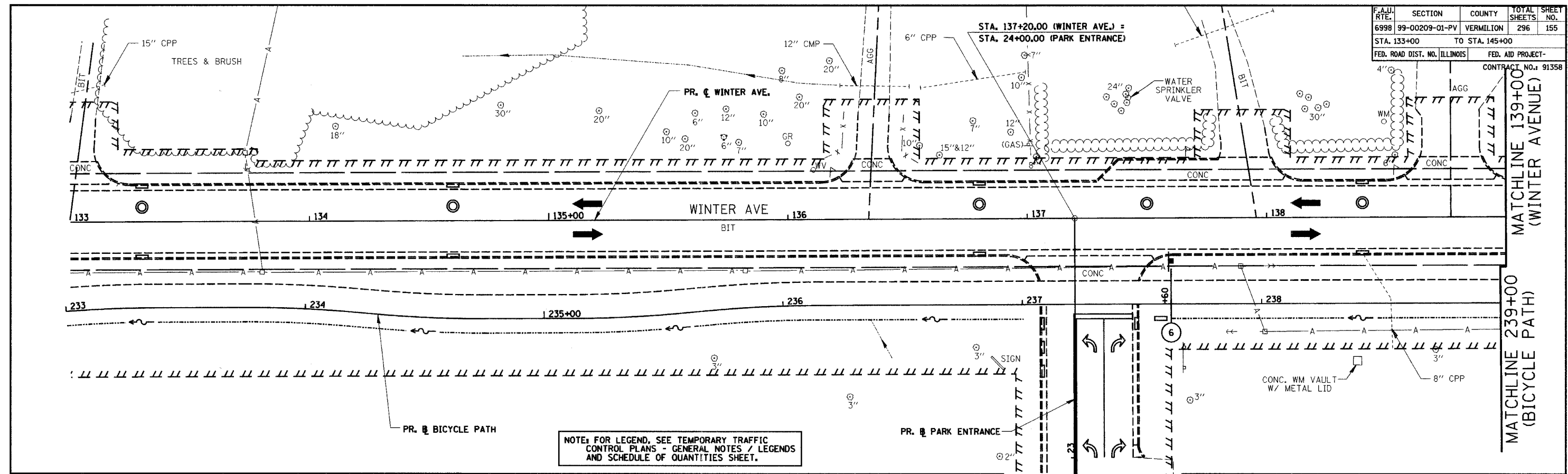
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY TRAFFIC CONTROL PLAN
 OVERALL STAGE 2

SCALE: 1" = 200'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: SRS

PLAN	SURVEYED	DATE
	PLOTTED	BY
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	RE. OF WAY CHECKED	
	CAUD FILE NAME	
	NO.	

F.A.I.D. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	155
STA. 133+00		TO STA. 145+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
		CONTRACT NO. 91358		



REVISIONS	
NAME	DATE

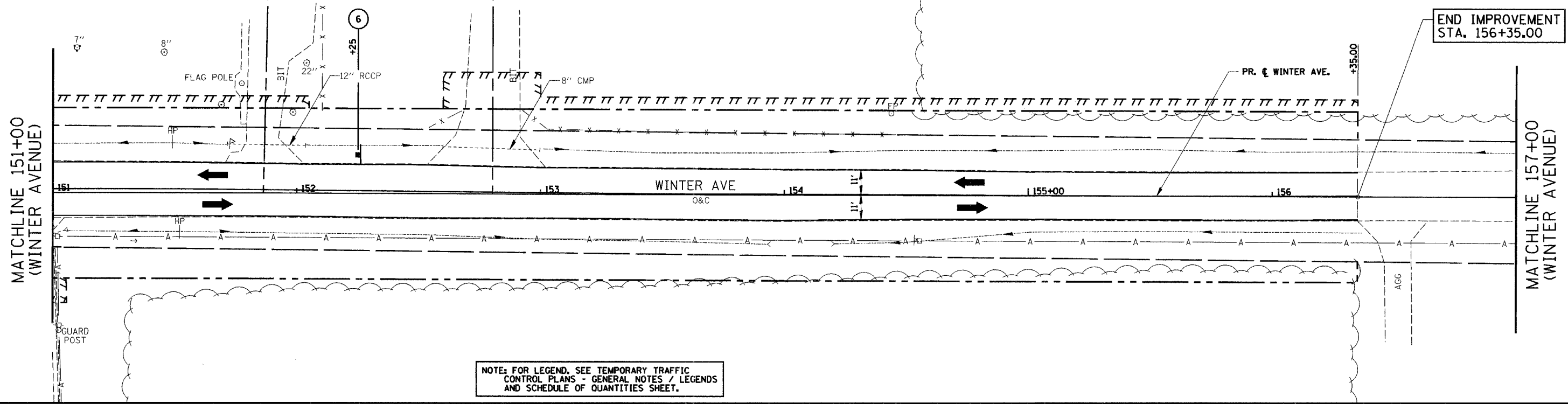
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 2
WINTER AVENUE/BICYCLE PATH
STA. 133+00 TO STA. 145+00

SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

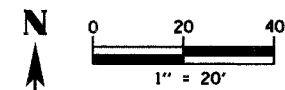
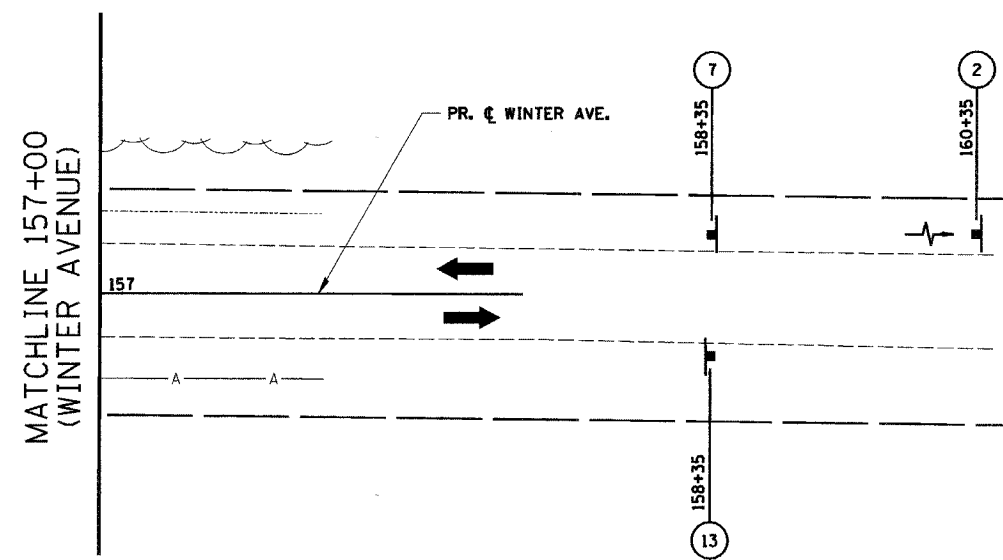
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	157
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

CULTIVATED FIELD

PLAN	SURVEYED	DATE
	PLOTTED	BY
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	NO. OF WAY CHECKED	
	CADD FILE NAME	
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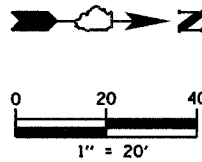
NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



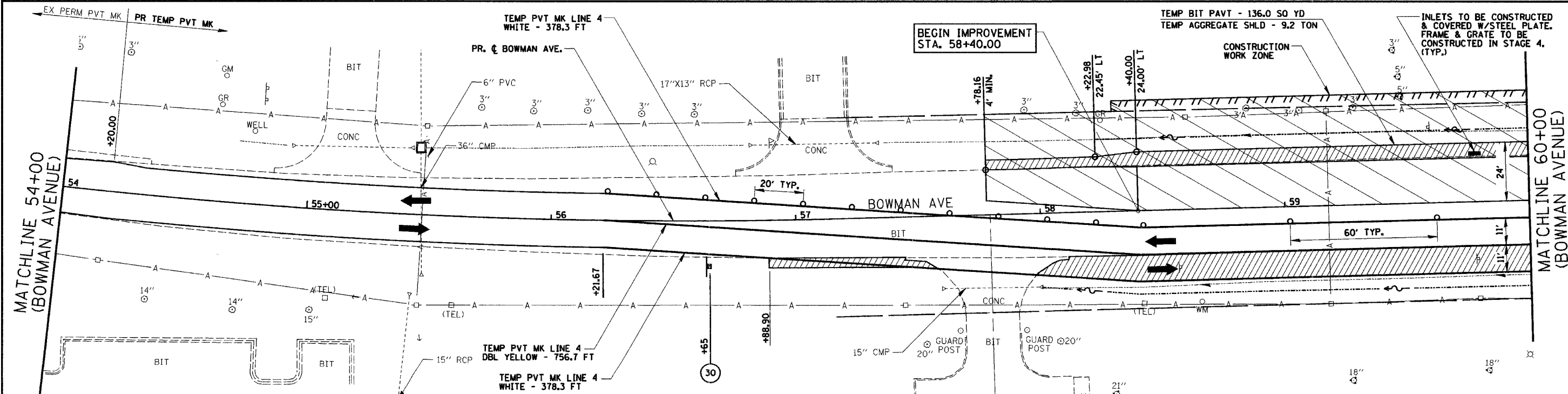
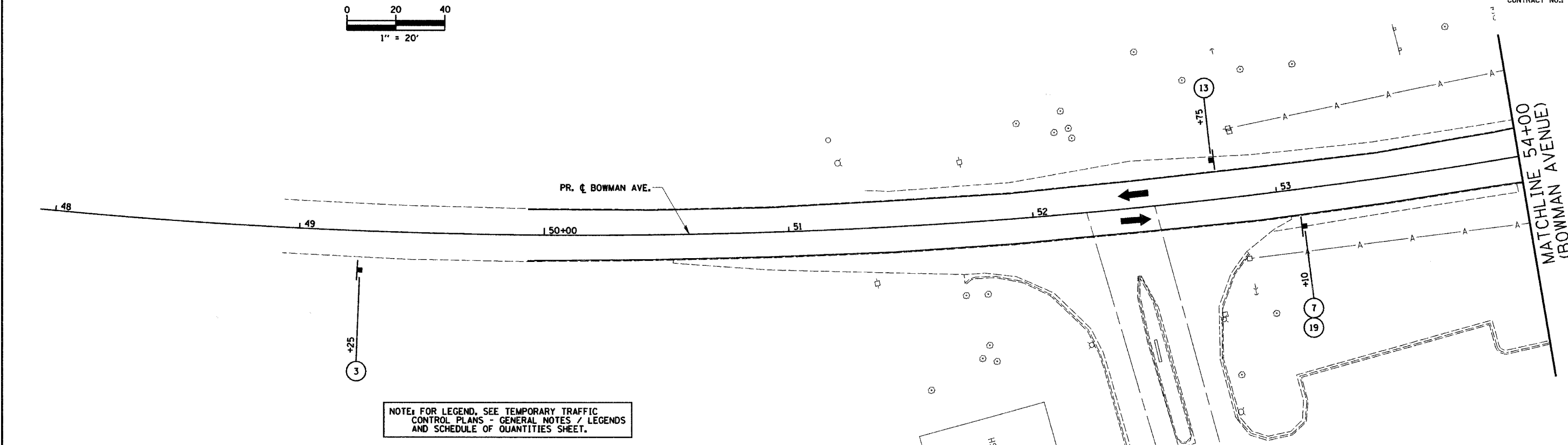
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 2
WINTER AVENUE/BICYCLE PATH
STA. 151+00 TO STA. 157+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	158
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



PLAN	SURVEYED	BY	DATE
	DESIGNED		
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LEGEND

	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

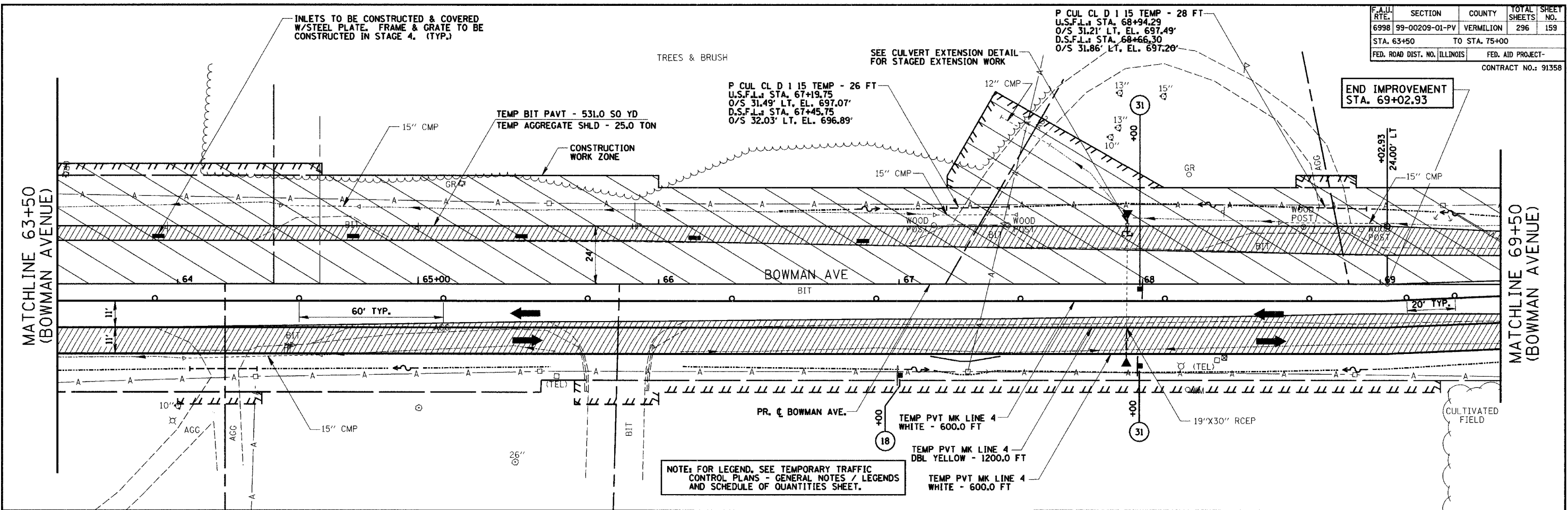
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 2
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00

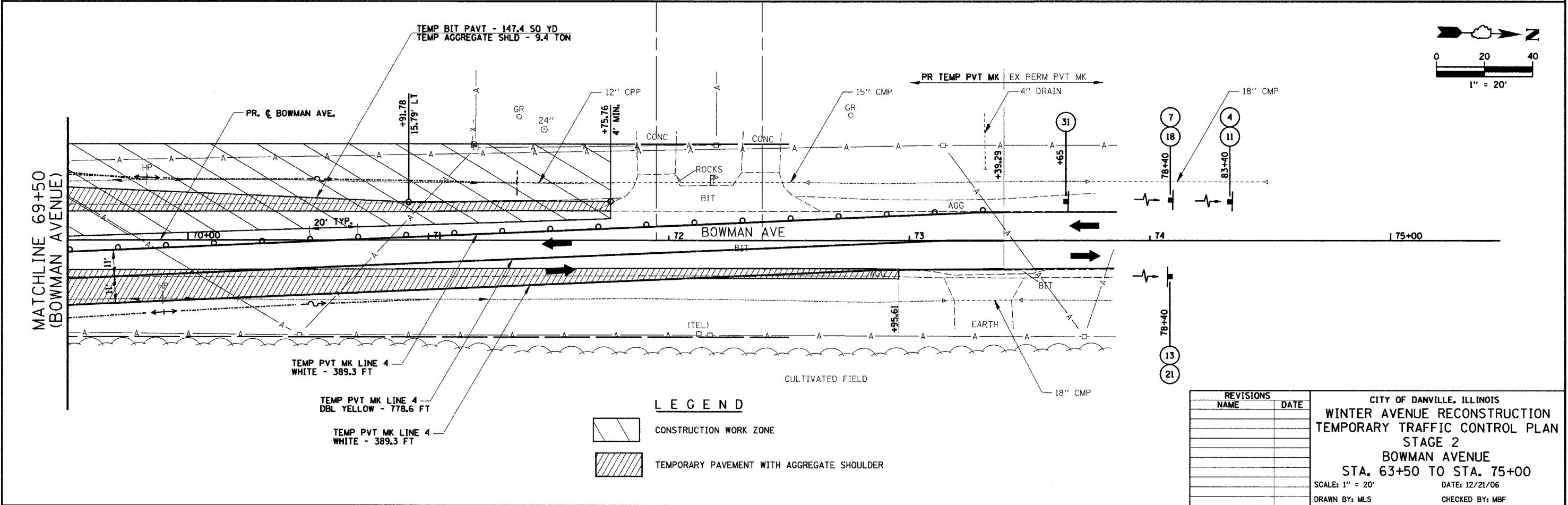
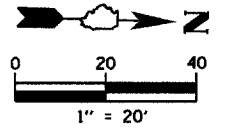
SCALE: 1" = 20'
DATE: 12/21/06
DRAWN BY: MLS
CHECKED BY: MBF

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

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	159
STA. 63+50		TO STA. 75+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



LEGEND

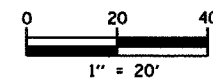
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	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

REVISIONS	
NAME	DATE

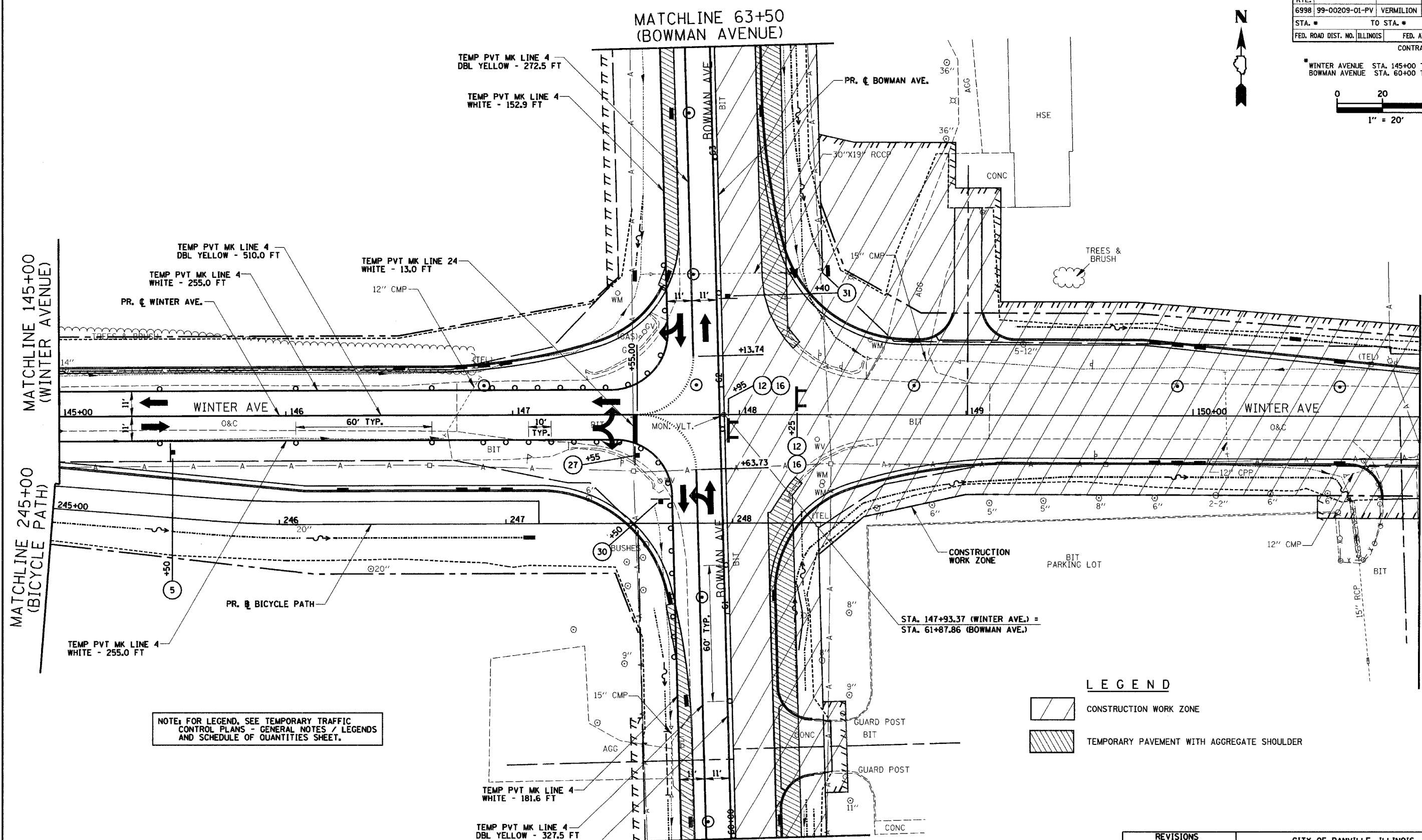
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 2
BOWMAN AVENUE
STA. 63+50 TO STA. 75+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	162
STA. #	TO STA. #		FED. AID PROJECT-	
			CONTRACT NO.: 91358	

WINTER AVENUE STA. 145+00 TO 151+00
 BOWMAN AVENUE STA. 60+00 TO 63+50



PLAN	SURVEYED	DATE
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	DATE	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

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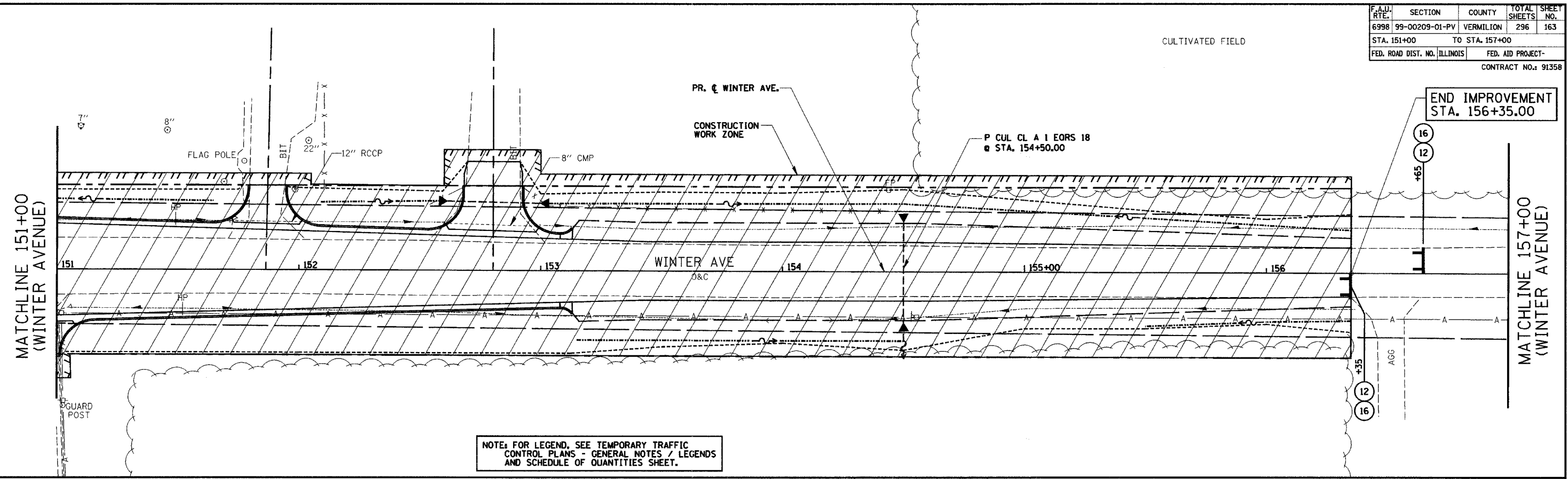
	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

REVISIONS	
NAME	DATE

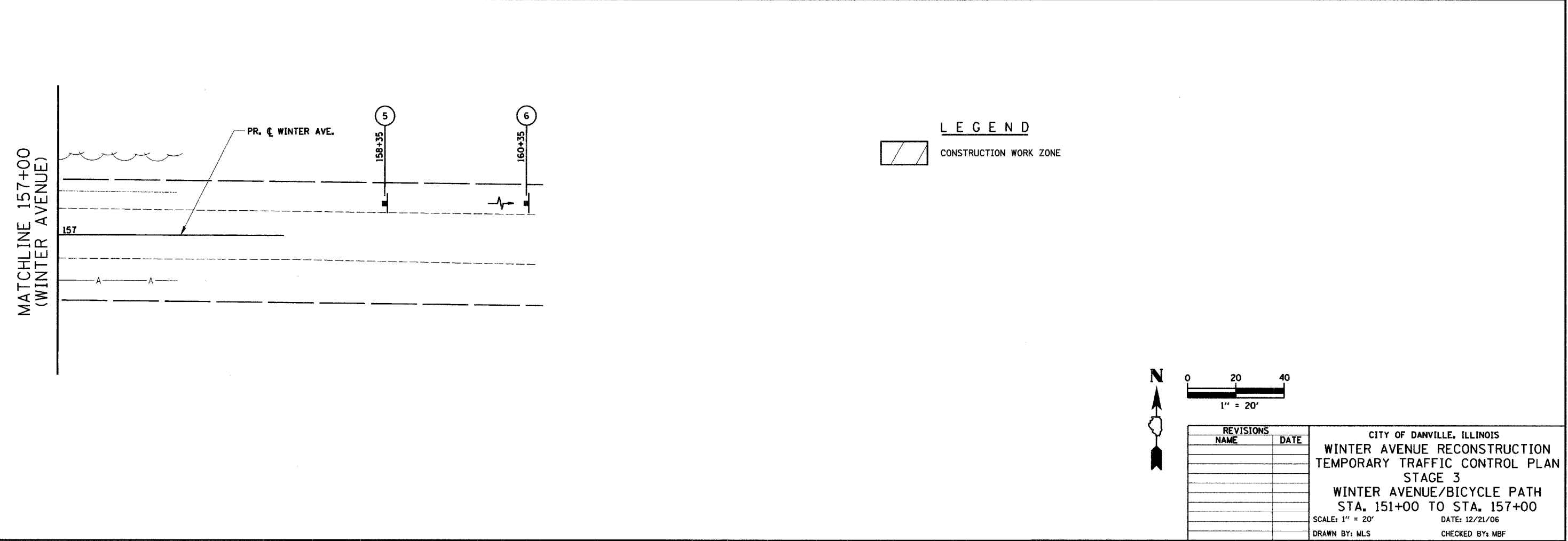
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY TRAFFIC CONTROL PLAN
 STAGE 3
 WINTER AVENUE
 STA. 145+00 TO STA. 151+00
 BOWMAN AVENUE
 STA. 60+00 TO STA. 63+50
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	163
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	BY	DATE
	PLANNED		
	DESIGNED		
	CHECKED		
	BY		
	NO.		

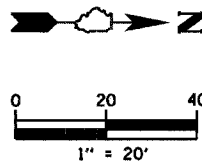


NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

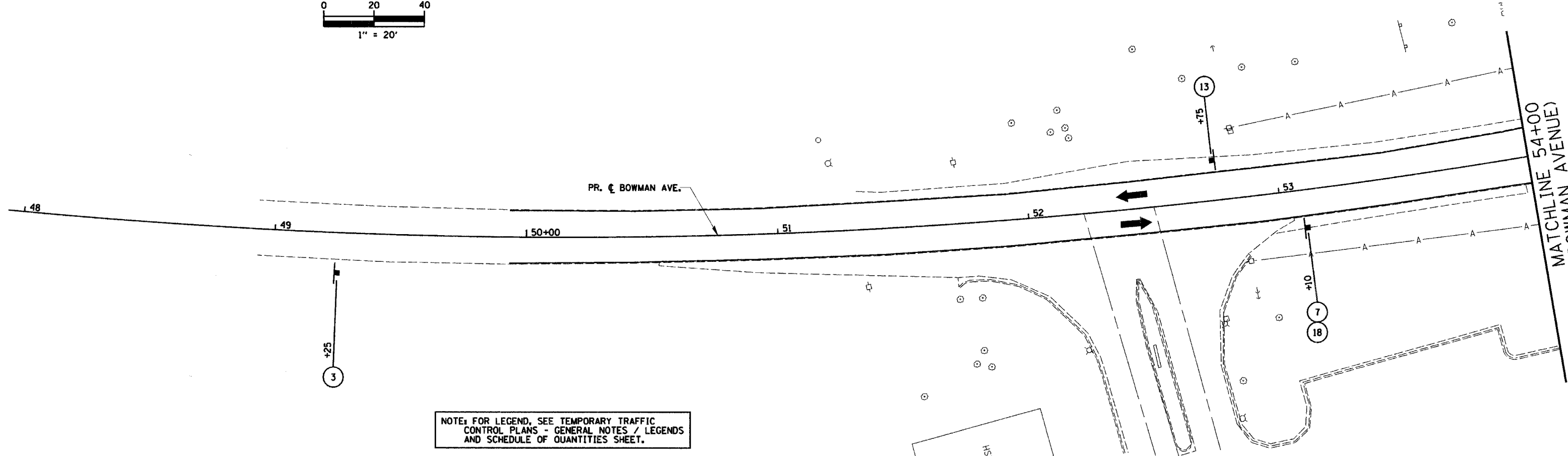


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	164
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		

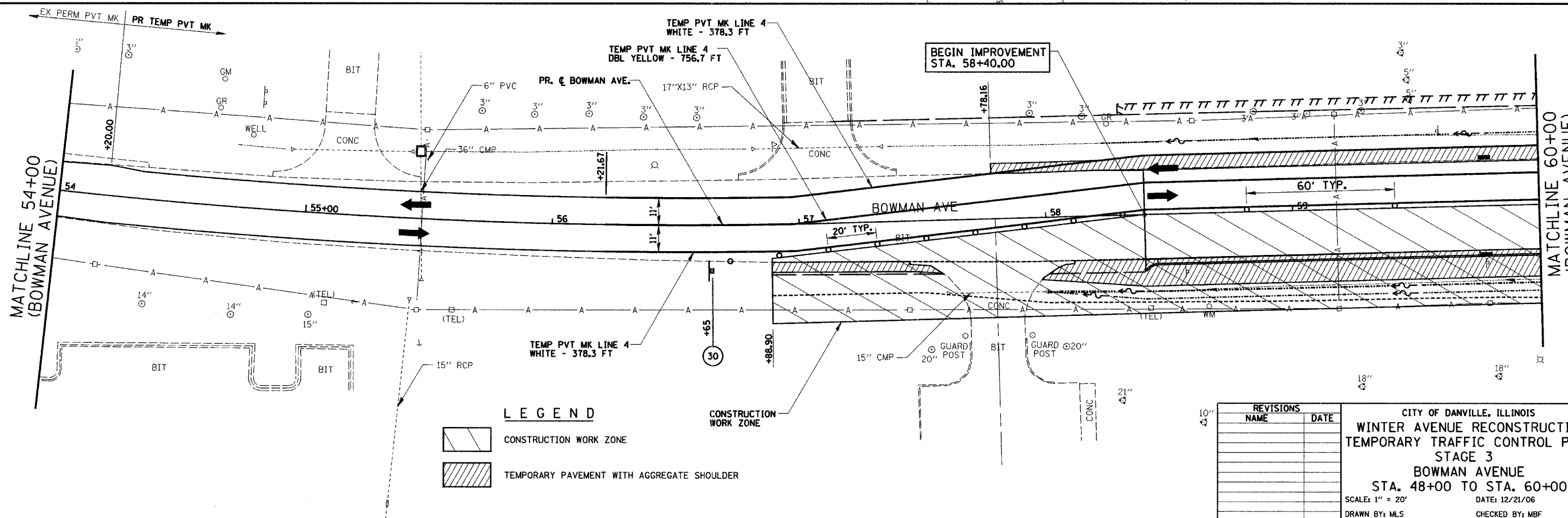
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

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NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



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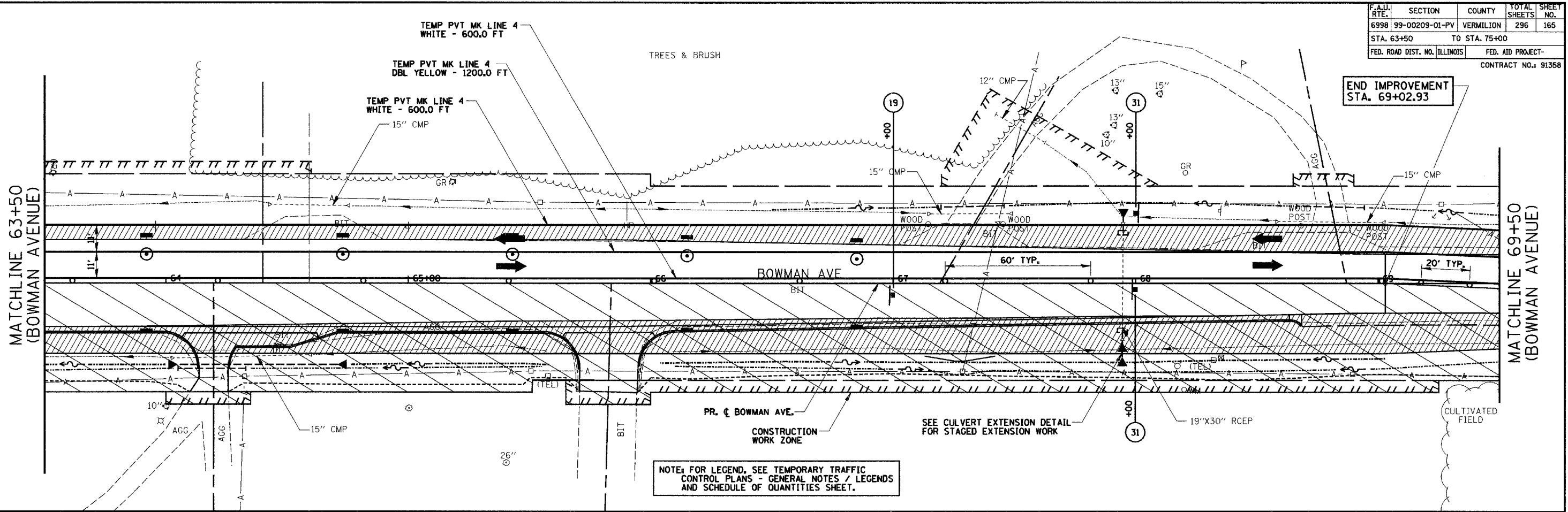
-  CONSTRUCTION WORK ZONE
-  TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

REVISIONS	
NAME	DATE

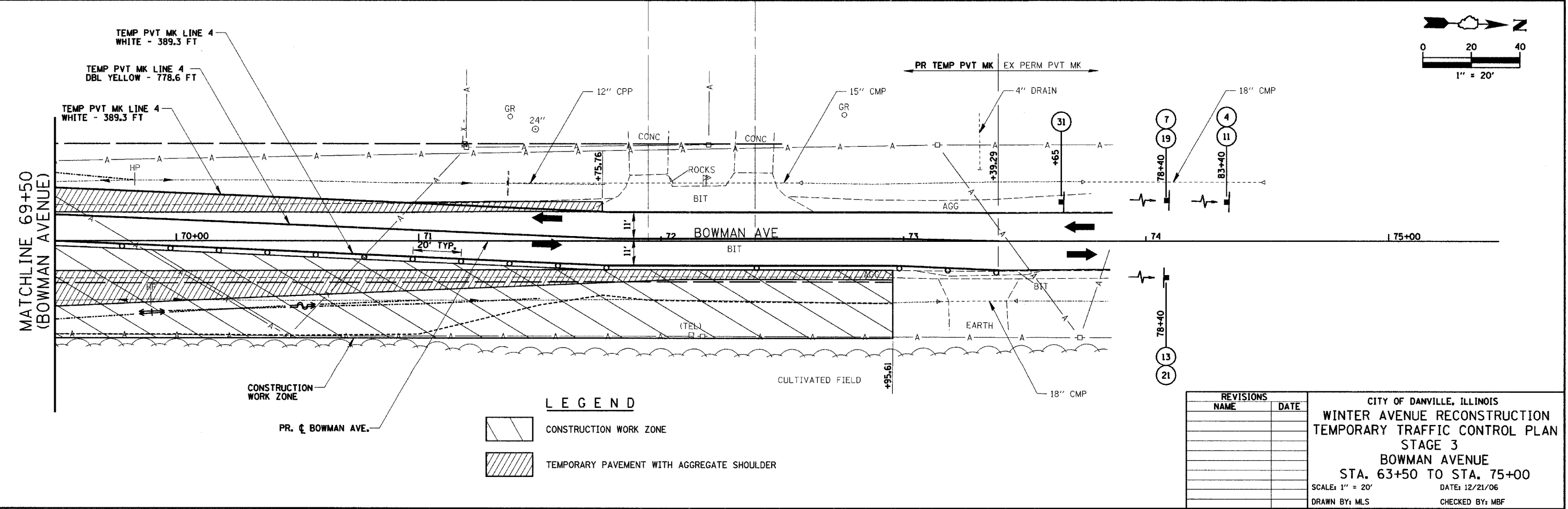
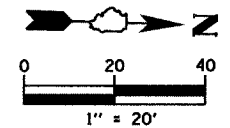
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 3
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	165
STA. 63+50		TO STA. 75+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
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NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



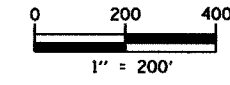
LEGEND

	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 3
BOWMAN AVENUE
STA. 63+50 TO STA. 75+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	166
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-			
CONTRACT NO.: 91358				



STAGE 4

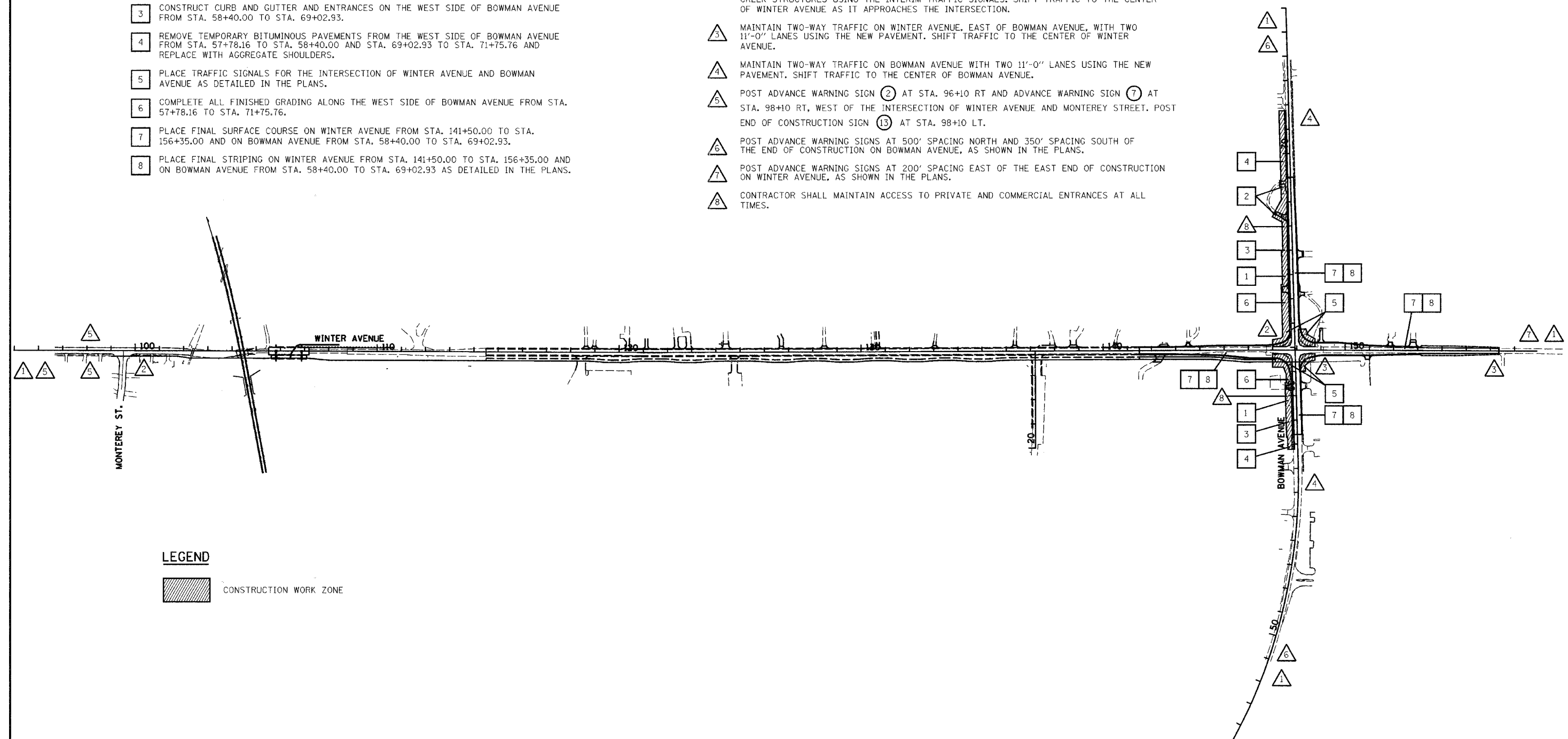
CONSTRUCTION:

- 1 COMPLETE THE STORM SEWER INLETS BY REMOVING THE TEMPORARY WIDENING AND STEEL PLATES ON THE WEST SIDE OF BOWMAN AVENUE FROM STA. 59+78.00 TO STA. 66+85.00. PLACE FINAL FRAME AND GRATES.
- 2 CONSTRUCT THE FINAL CULVERTS AT THE ENTRANCES AS NOTED IN THE PLANS.
- 3 CONSTRUCT CURB AND GUTTER AND ENTRANCES ON THE WEST SIDE OF BOWMAN AVENUE FROM STA. 58+40.00 TO STA. 69+02.93.
- 4 REMOVE TEMPORARY BITUMINOUS PAVEMENTS FROM THE WEST SIDE OF BOWMAN AVENUE FROM STA. 57+78.16 TO STA. 58+40.00 AND STA. 69+02.93 TO STA. 71+75.76 AND REPLACE WITH AGGREGATE SHOULDERS.
- 5 PLACE TRAFFIC SIGNALS FOR THE INTERSECTION OF WINTER AVENUE AND BOWMAN AVENUE AS DETAILED IN THE PLANS.
- 6 COMPLETE ALL FINISHED GRADING ALONG THE WEST SIDE OF BOWMAN AVENUE FROM STA. 57+78.16 TO STA. 71+75.76.
- 7 PLACE FINAL SURFACE COURSE ON WINTER AVENUE FROM STA. 141+50.00 TO STA. 156+35.00 AND ON BOWMAN AVENUE FROM STA. 58+40.00 TO STA. 69+02.93.
- 8 PLACE FINAL STRIPING ON WINTER AVENUE FROM STA. 141+50.00 TO STA. 156+35.00 AND ON BOWMAN AVENUE FROM STA. 58+40.00 TO STA. 69+02.93 AS DETAILED IN THE PLANS.

TRAFFIC:

- 1 COORDINATE WITH THE CITY OF DANVILLE OR AS DIRECTED BY THE ENGINEER FOR ADVANCED WARNING SIGNS FOR A DETOUR ROUTE.
- 2 MAINTAIN TWO-WAY TRAFFIC ON WINTER AVENUE FROM MONTEREY STREET TO BOWMAN AVENUE WITH TWO 11'-0" (MIN) LANES USING THE EXISTING PAVEMENT AND NEW PAVEMENT. TWO-WAY, ONE LANE TRAFFIC WILL BE PROVIDED AT THE EXISTING CSX AND STONEY CREEK STRUCTURES USING THE INTERIM TRAFFIC SIGNALS. SHIFT TRAFFIC TO THE CENTER OF WINTER AVENUE AS IT APPROACHES THE INTERSECTION.
- 3 MAINTAIN TWO-WAY TRAFFIC ON WINTER AVENUE, EAST OF BOWMAN AVENUE, WITH TWO 11'-0" LANES USING THE NEW PAVEMENT. SHIFT TRAFFIC TO THE CENTER OF WINTER AVENUE.
- 4 MAINTAIN TWO-WAY TRAFFIC ON BOWMAN AVENUE WITH TWO 11'-0" LANES USING THE NEW PAVEMENT. SHIFT TRAFFIC TO THE CENTER OF BOWMAN AVENUE.
- 5 POST ADVANCE WARNING SIGN (2) AT STA. 96+10 RT AND ADVANCE WARNING SIGN (7) AT STA. 98+10 RT, WEST OF THE INTERSECTION OF WINTER AVENUE AND MONTEREY STREET. POST END OF CONSTRUCTION SIGN (13) AT STA. 98+10 LT.
- 6 POST ADVANCE WARNING SIGNS AT 500' SPACING NORTH AND 350' SPACING SOUTH OF THE END OF CONSTRUCTION ON BOWMAN AVENUE, AS SHOWN IN THE PLANS.
- 7 POST ADVANCE WARNING SIGNS AT 200' SPACING EAST OF THE EAST END OF CONSTRUCTION ON WINTER AVENUE, AS SHOWN IN THE PLANS.
- 8 CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE AND COMMERCIAL ENTRANCES AT ALL TIMES.

PLAN	DATE
SURVEYED	BY
DESIGNED	BY
CHECKED	BY
IN CHARGE	BY
NO.	



LEGEND

CONSTRUCTION WORK ZONE

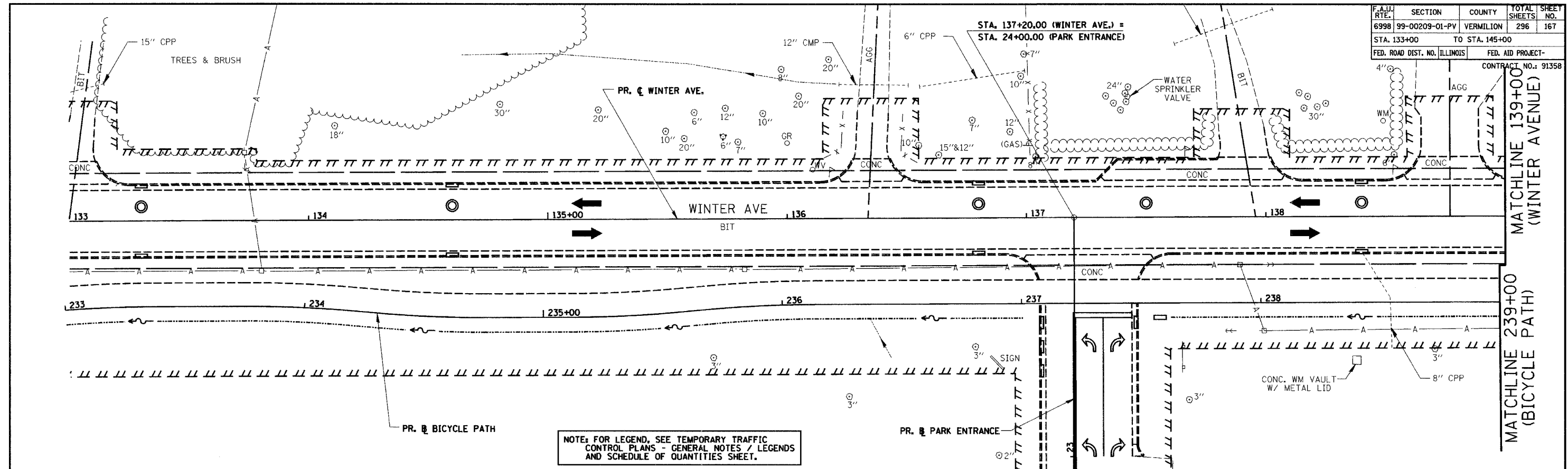
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
OVERALL STAGE 4

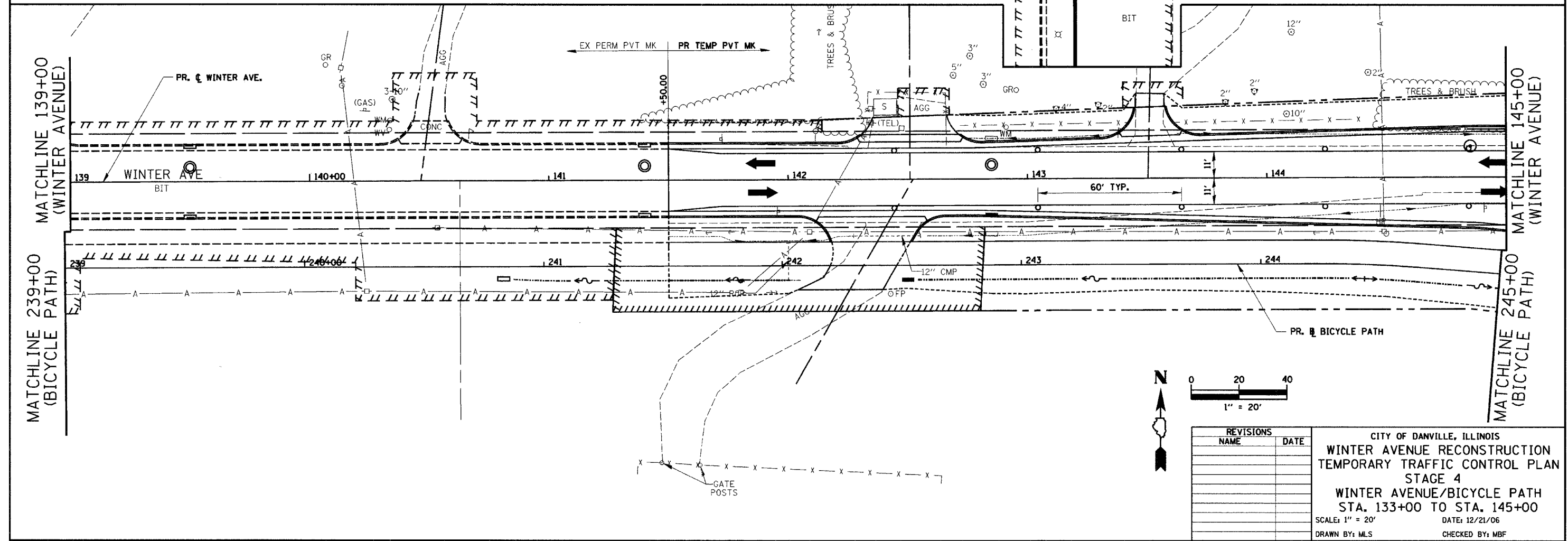
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 DRAWN BY: MLS
 CHECKED BY: SRS

PLAN	SURVEYED	DATE
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	DATE	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	167
STA. 133+00		TO STA. 145+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

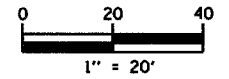


REVISIONS	
NAME	DATE

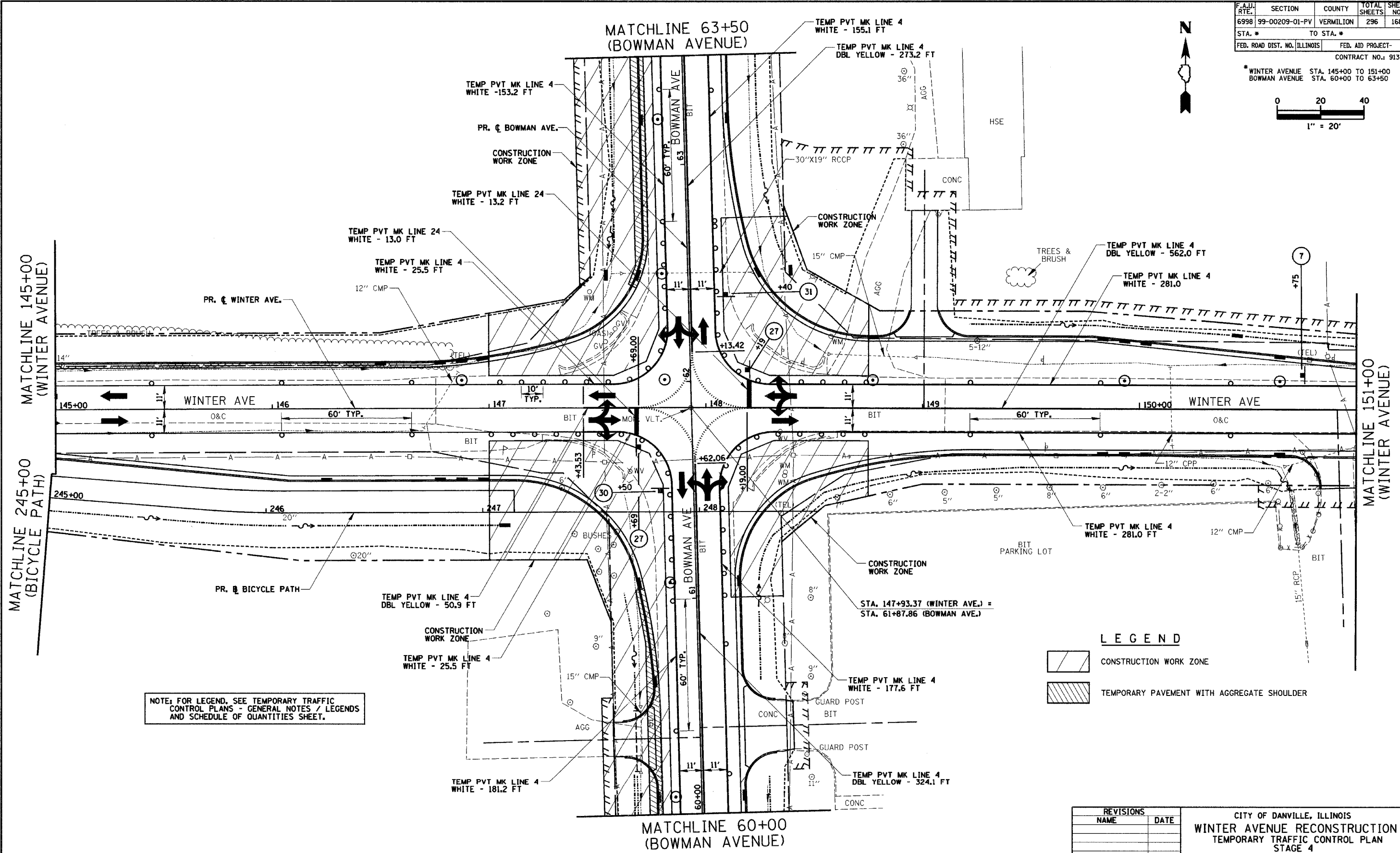
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 4
WINTER AVENUE/BICYCLE PATH
STA. 133+00 TO STA. 145+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	168
STA. #	TO STA. #		FED. AID PROJECT-	
			CONTRACT NO.: 91358	

* WINTER AVENUE STA. 145+00 TO 151+00
BOWMAN AVENUE STA. 60+00 TO 63+50



PLAN	DATE
SURVEY	BY
NOTED	
DESIGNED	
CHECKED	
FILE NAME	
NO.	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

LEGEND

	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

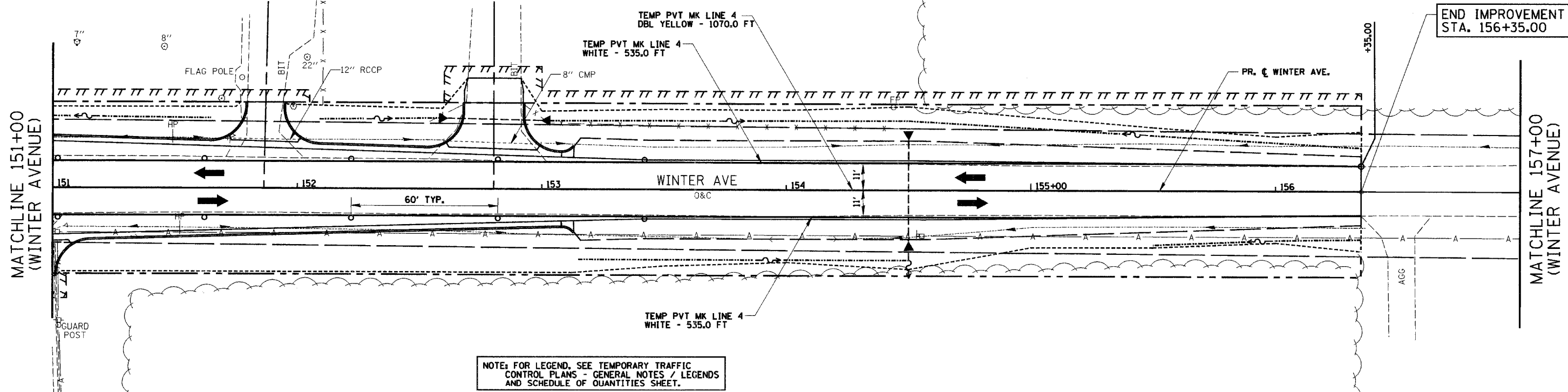
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY TRAFFIC CONTROL PLAN
 STAGE 4
 WINTER AVENUE
 STA. 145+00 TO STA. 151+00
 BOWMAN AVENUE
 STA. 60+00 TO STA. 63+50
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

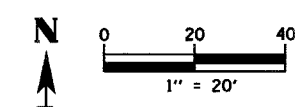
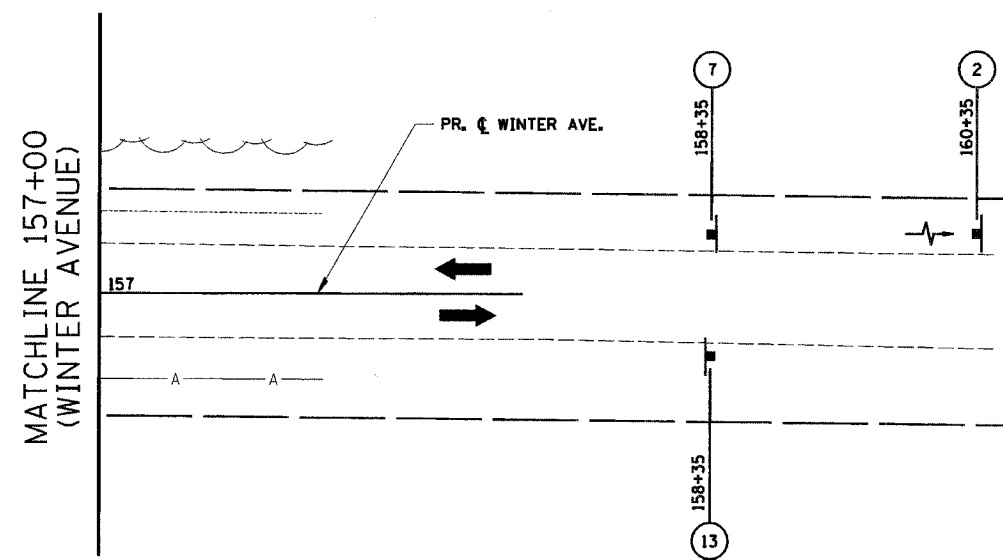
F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	169
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

CULTIVATED FIELD

PLAN	SURVEYED	DATE
	BY	
	NOTED	
	DESIGNED	
	CHECKED	
	BY	
	DATE	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



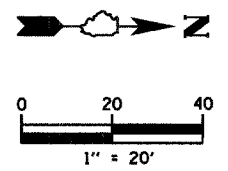
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 4
WINTER AVENUE/BICYCLE PATH
STA. 151+00 TO STA. 157+00

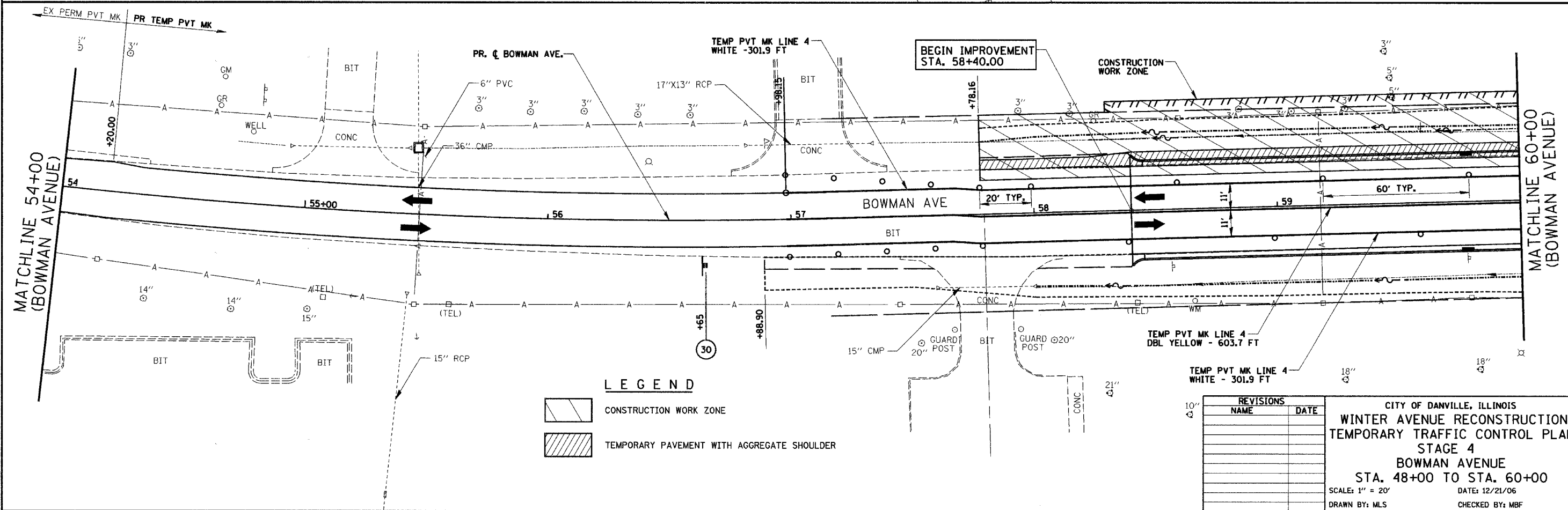
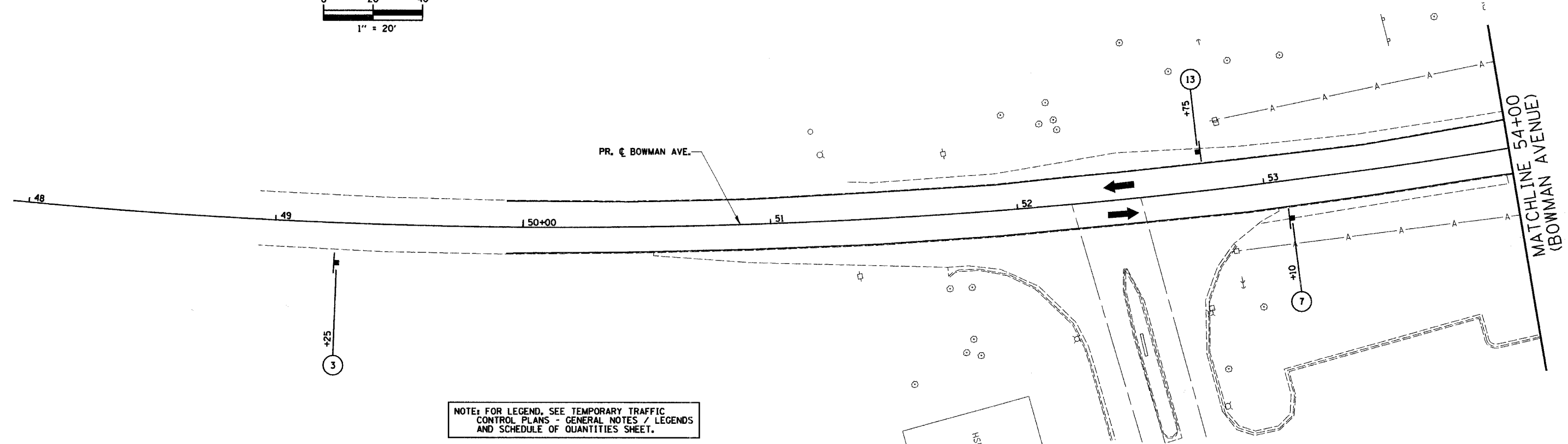
SCALE: 1" = 20' DATE: 12/21/06
DRAWN BY: MLS CHECKED BY: MBF

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	170
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		

CONTRACT NO.: 91358



PLAN	SURVEYED	DATE
	ALIGNED	
	AS SHOWN	
	NOT CHECKED	
	BY: _____	
	DATE: _____	
	NO. _____	



LEGEND

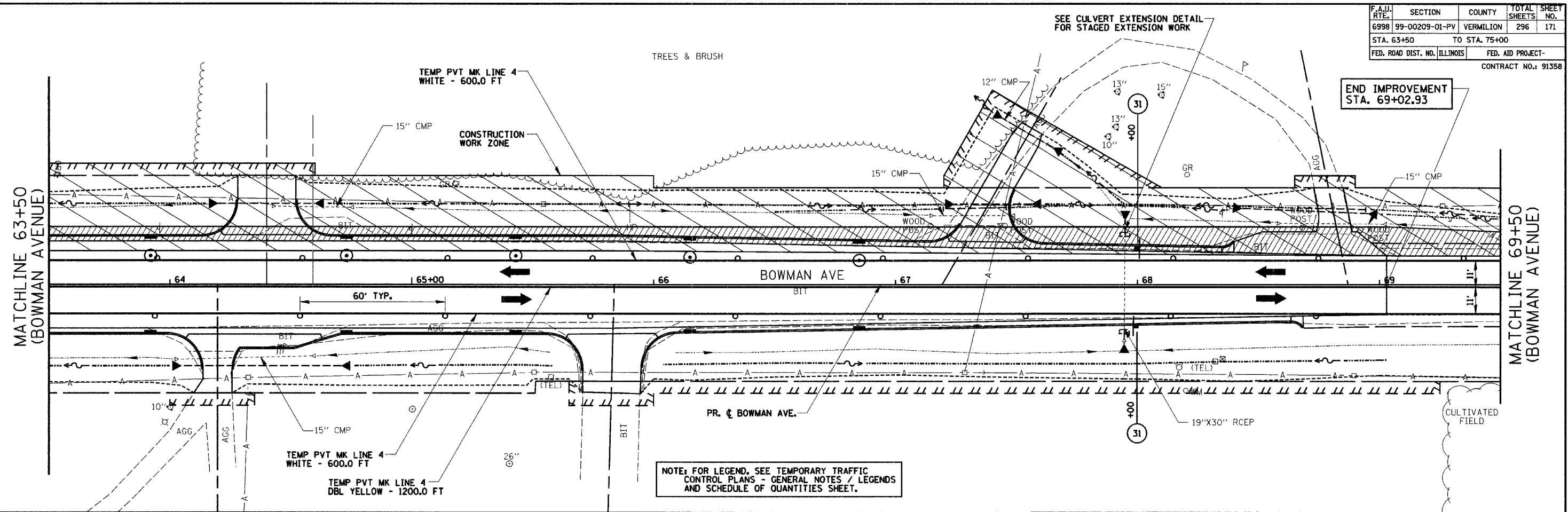
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- TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

REVISIONS	
NAME	DATE

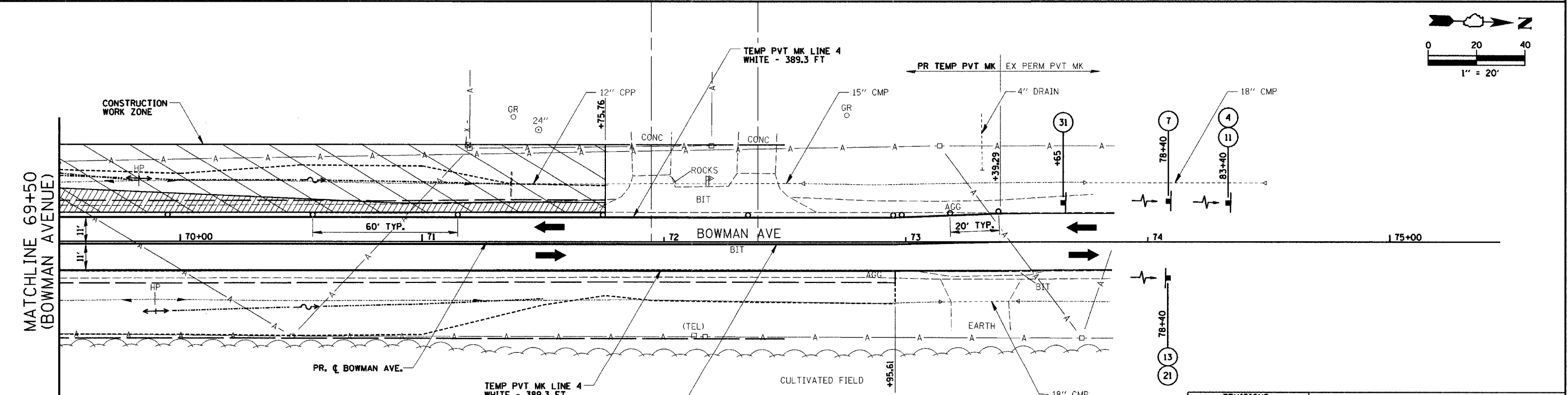
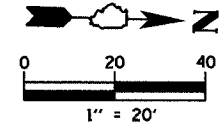
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 4
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	171
STA. 63+50		TO STA. 75+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



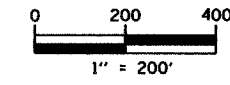
LEGEND

	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 4
BOWMAN AVENUE
STA. 63+50 TO STA. 75+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	172
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-			
CONTRACT NO.: 91358				



STAGE 5

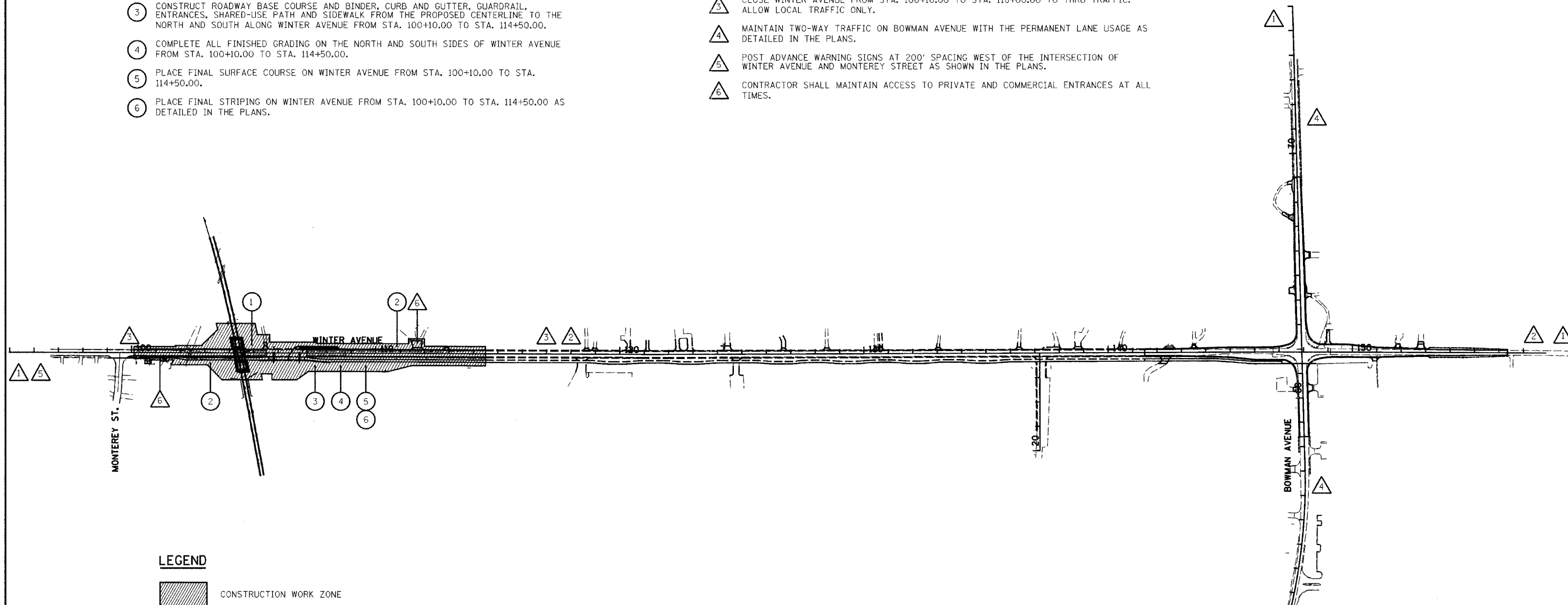
CONSTRUCTION:

- 1 CONSTRUCT THE PROPOSED STRUCTURE FOR THE CSX RAILROAD OVER WINTER AVENUE.
- 2 CONSTRUCT THE STORM SEWER BRANCHES TO THE NORTH AND SOUTH ON WINTER AVENUE FROM STA. 107+23.70 TO STA. 114+25.00. CONSTRUCT THE FINAL STORM SEWER ON WINTER AVENUE FROM STA. 101+00.00 TO STA. 105+43.18.
- 3 CONSTRUCT ROADWAY BASE COURSE AND BINDER, CURB AND GUTTER, GUARDRAIL, ENTRANCES, SHARED-USE PATH AND SIDEWALK FROM THE PROPOSED CENTERLINE TO THE NORTH AND SOUTH ALONG WINTER AVENUE FROM STA. 100+10.00 TO STA. 114+50.00.
- 4 COMPLETE ALL FINISHED GRADING ON THE NORTH AND SOUTH SIDES OF WINTER AVENUE FROM STA. 100+10.00 TO STA. 114+50.00.
- 5 PLACE FINAL SURFACE COURSE ON WINTER AVENUE FROM STA. 100+10.00 TO STA. 114+50.00.
- 6 PLACE FINAL STRIPING ON WINTER AVENUE FROM STA. 100+10.00 TO STA. 114+50.00 AS DETAILED IN THE PLANS.

TRAFFIC:

- 1 COORDINATE WITH THE CITY OF DANVILLE OR AS DIRECTED BY THE ENGINEER FOR ADVANCED WARNING SIGNS FOR A DETOUR ROUTE.
- 2 MAINTAIN TWO-WAY TRAFFIC ON WINTER AVENUE FROM STA. 118+00.00 TO STA. 156+35.00 WITH THE PERMANENT LANE USAGE AS DETAILED IN THE PLANS.
- 3 CLOSE WINTER AVENUE FROM STA. 100+10.00 TO STA. 118+00.00 TO THRU TRAFFIC. ALLOW LOCAL TRAFFIC ONLY.
- 4 MAINTAIN TWO-WAY TRAFFIC ON BOWMAN AVENUE WITH THE PERMANENT LANE USAGE AS DETAILED IN THE PLANS.
- 5 POST ADVANCE WARNING SIGNS AT 200' SPACING WEST OF THE INTERSECTION OF WINTER AVENUE AND MONTEREY STREET AS SHOWN IN THE PLANS.
- 6 CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE AND COMMERCIAL ENTRANCES AT ALL TIMES.

PLAN	SURVEYED	DATE
NOTE BOOK	PLANNED	
NO.	BY	
	CHECKED	
	BY	
	DATE	
	FILE NAME	



REVISIONS		DATE
NAME		

CITY OF DANVILLE, ILLINOIS

WINTER AVENUE RECONSTRUCTION

TEMPORARY TRAFFIC CONTROL PLAN

OVERALL STAGE 5

SCALE: 1" = 200'

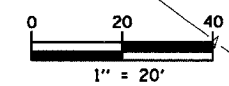
DATE: 12/21/06

DRAWN BY: MLS

CHECKED BY: SRS

PLAN	SURVEYED	DATE
	PLOTTED	
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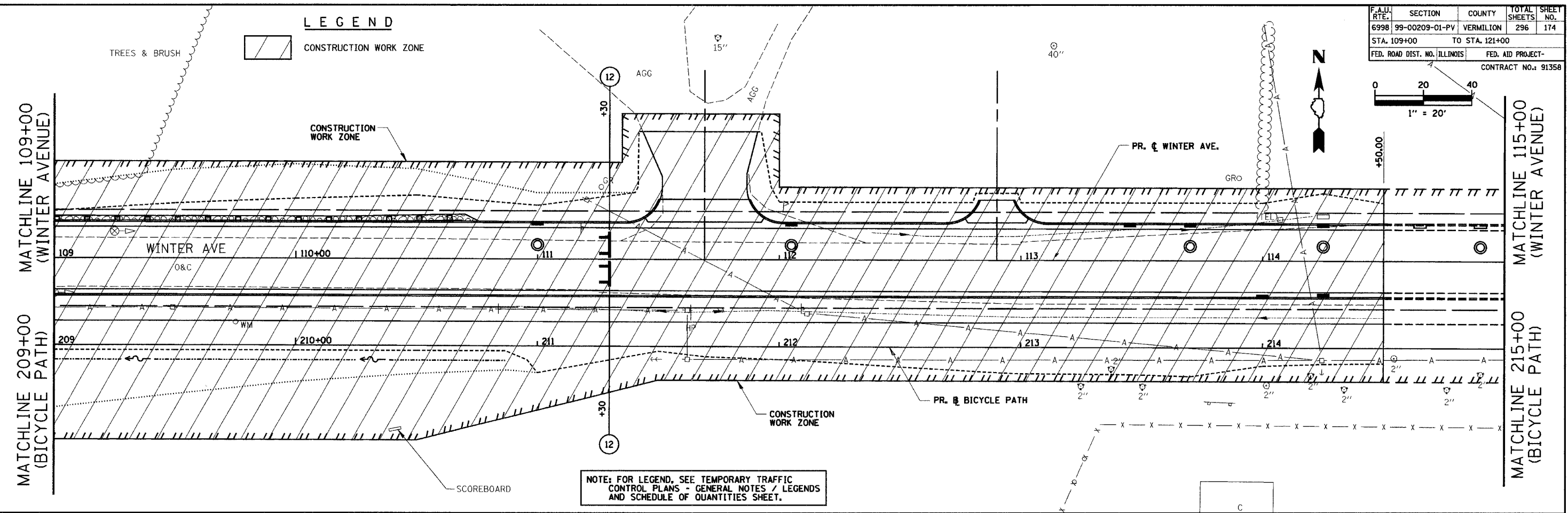
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	174
STA. 109+00	TO STA. 121+00			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-			
CONTRACT NO.: 91358				



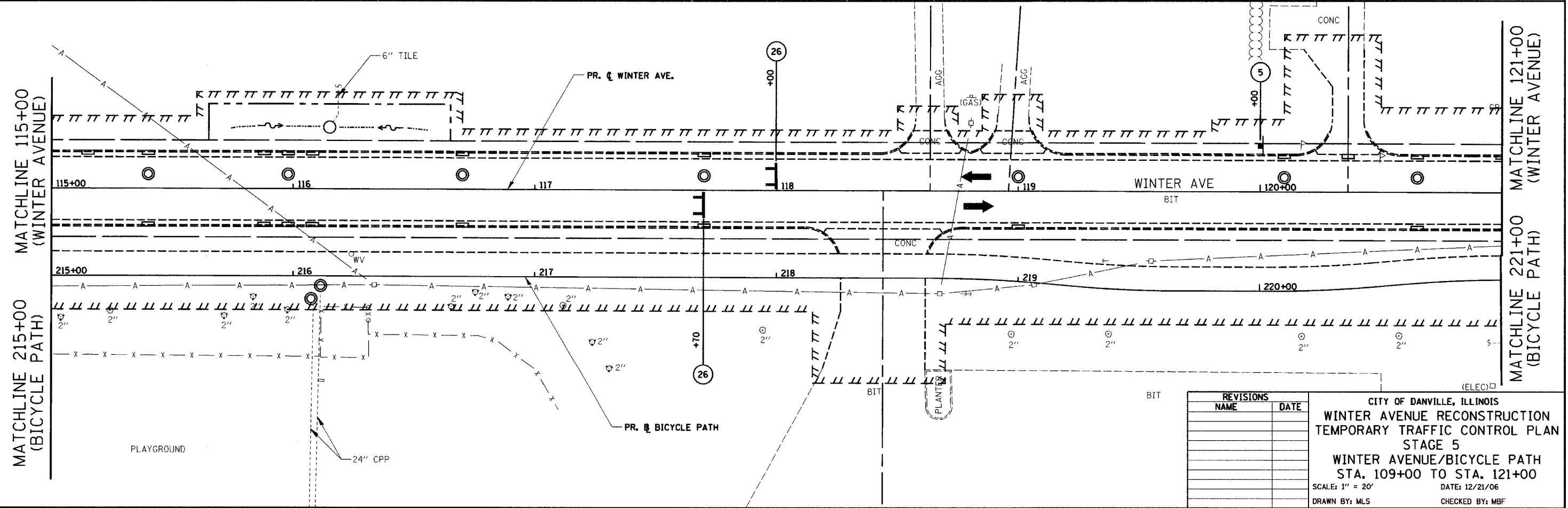
LEGEND



TREES & BRUSH



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

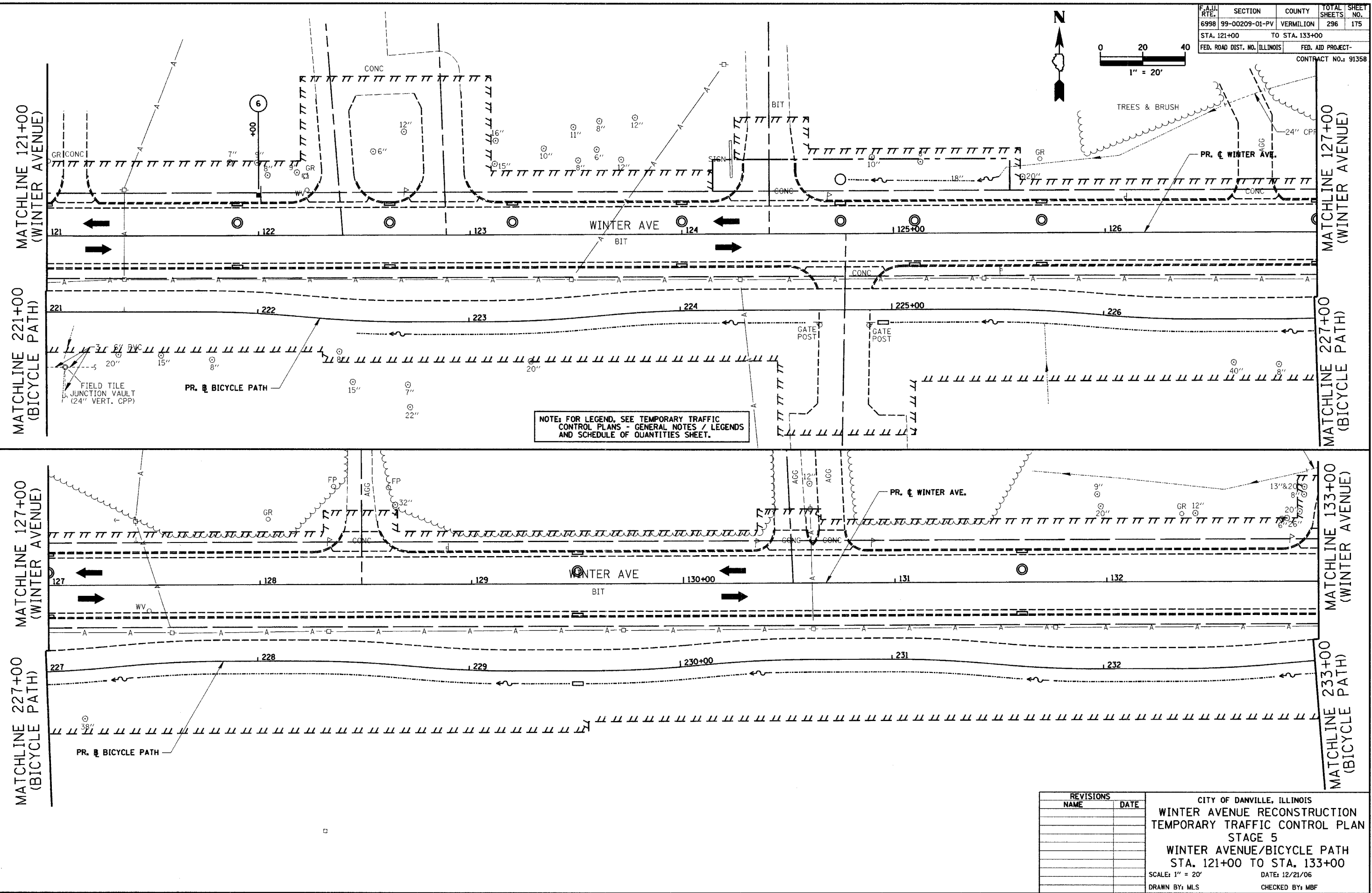


REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 5
WINTER AVENUE/BICYCLE PATH
STA. 109+00 TO STA. 121+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

DATE	
BY	
PLAN	
NO.	
NO. OF WAY CHECKED	
NO. OF WAY CHECKED	
CADD FILE NAME	

F.A.I.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	175
STA. 121+00	TO STA. 133+00			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-			
CONTRACT NO.: 91358				



MATCHLINE 121+00
(WINTER AVENUE)

MATCHLINE 221+00
(BICYCLE PATH)

MATCHLINE 127+00
(WINTER AVENUE)

MATCHLINE 227+00
(BICYCLE PATH)

MATCHLINE 127+00
(WINTER AVENUE)

MATCHLINE 227+00
(BICYCLE PATH)

MATCHLINE 133+00
(WINTER AVENUE)

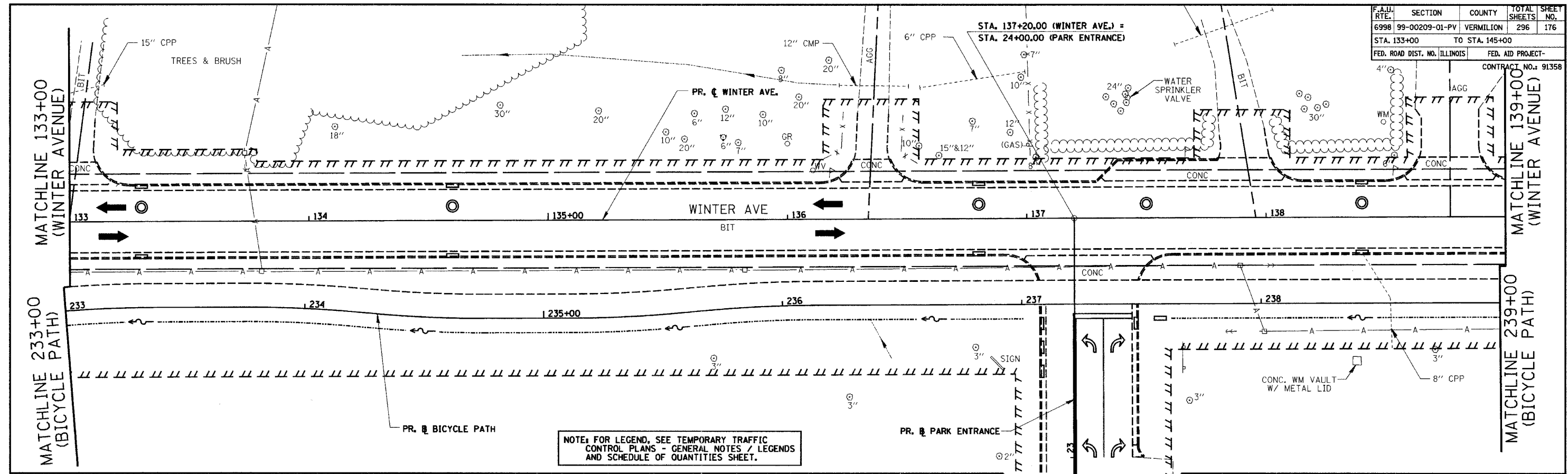
MATCHLINE 233+00
(BICYCLE PATH)

REVISIONS	
NAME	DATE

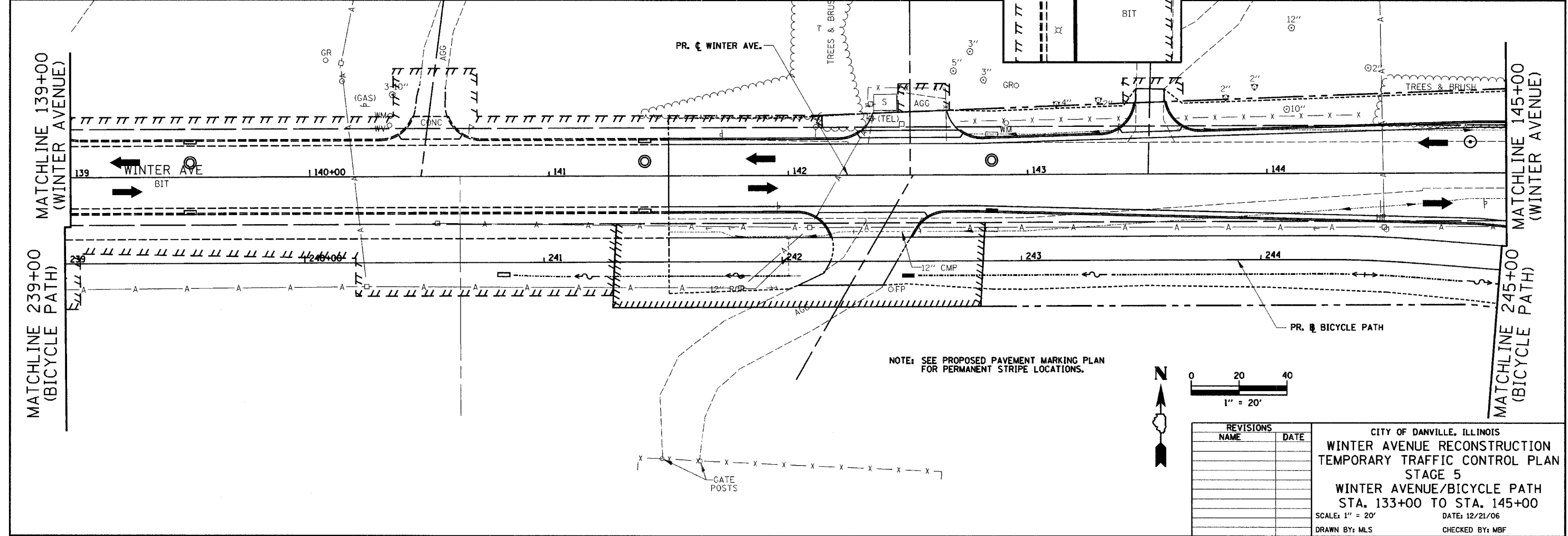
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 5
WINTER AVENUE/BICYCLE PATH
STA. 121+00 TO STA. 133+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

PLAN	SURVEYED	DATE
	DESIGNED	
	PLANNED	
	ALLOTTED	
	ALLOWED	
	CHECKED	
	BY	
	NO. OF	
	WAY	
	CHECKED	
	CADD	
	FILE	
	NAME	
	NO.	

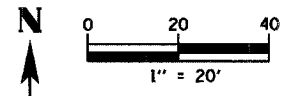
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6998	99-00209-01-PV	VERMILION	296	176
STA. 133+00	TO STA. 145+00			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-		CONTRACT NO.: 91358	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

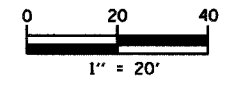


REVISIONS	
NAME	DATE

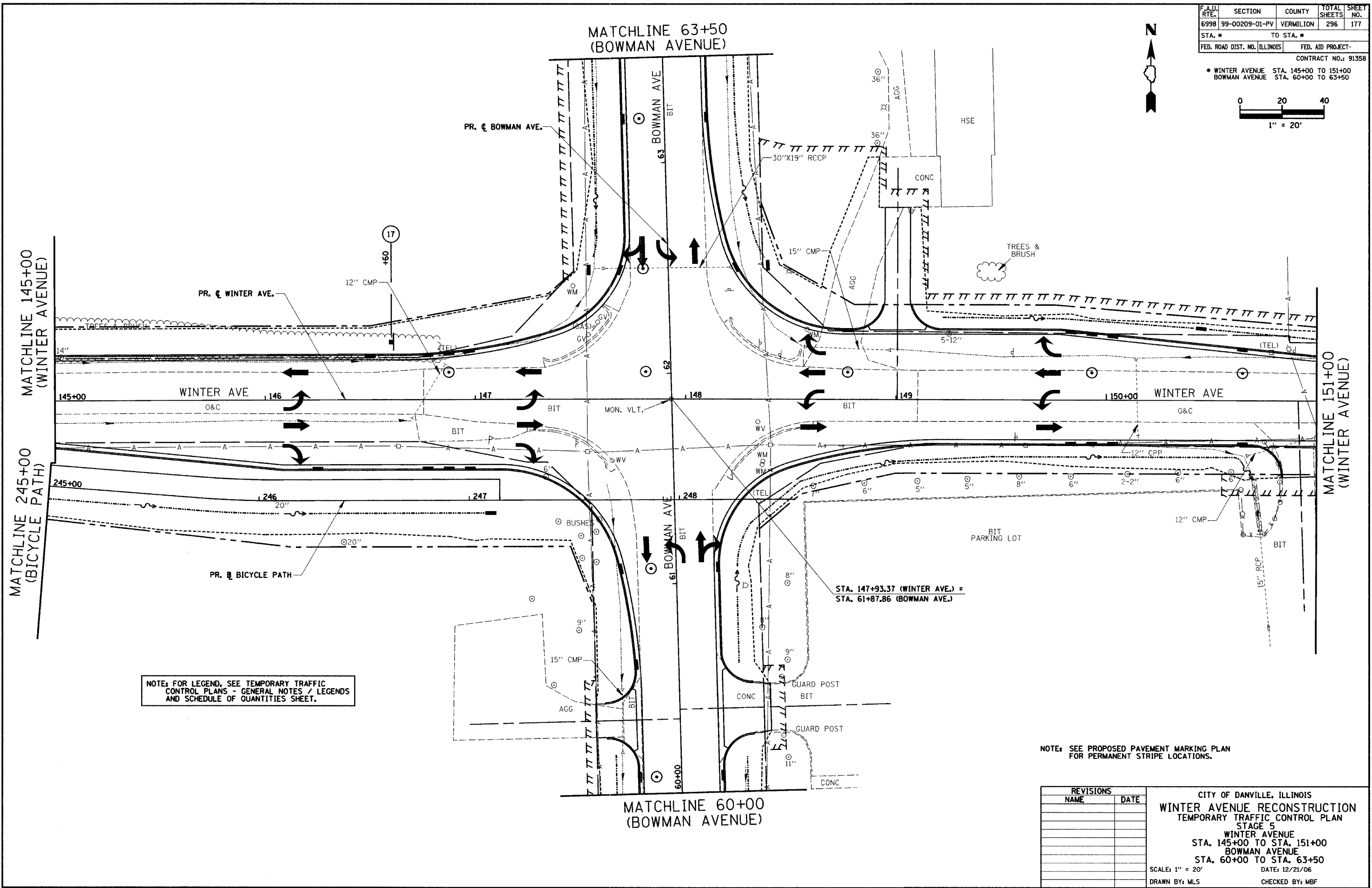
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 5
WINTER AVENUE/BICYCLE PATH
STA. 133+00 TO STA. 145+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	177
STA. *	TO STA. *			
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

* WINTER AVENUE STA. 145+00 TO 151+00
 BOWMAN AVENUE STA. 60+00 TO 63+50



PLAN	SURVEYED	DATE
	BY	
	NOTED	
	CHECKED	
	REVISIONS	
	NO. OF DAYS CHECKED	
	CADD FILE NAME	
	NO.	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

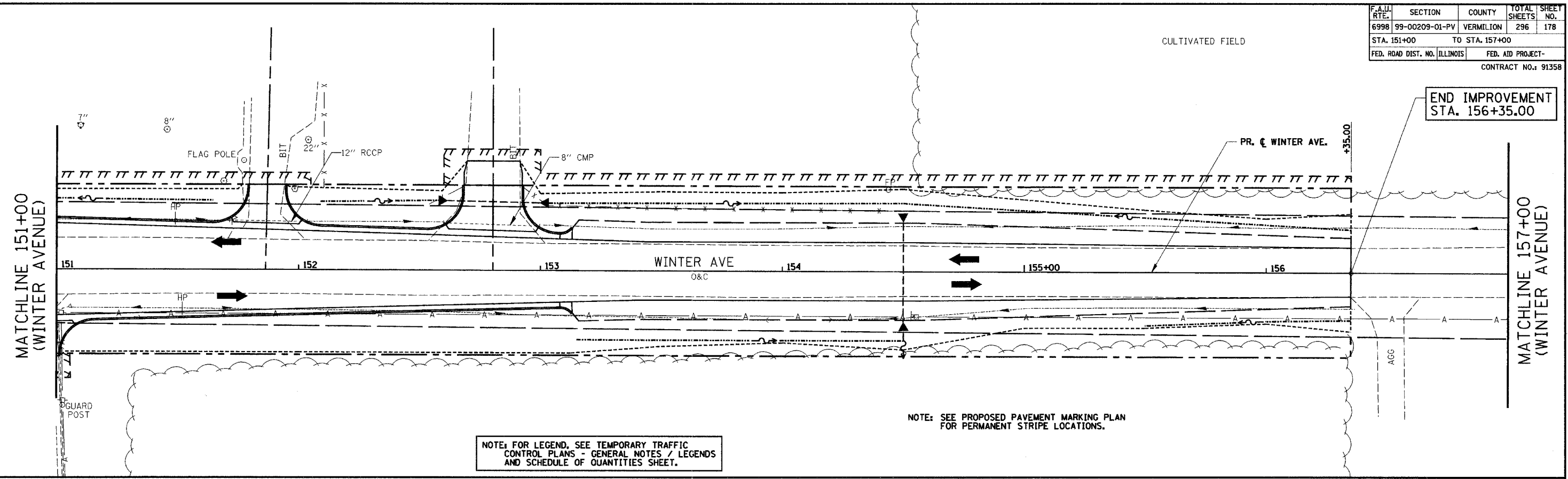
NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY TRAFFIC CONTROL PLAN
 STAGE 5
 WINTER AVENUE
 STA. 145+00 TO STA. 151+00
 BOWMAN AVENUE
 STA. 60+00 TO STA. 63+50
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

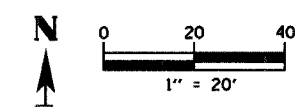
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	178
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.	CHECKED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.

NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

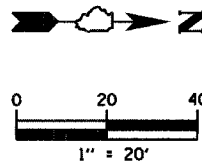


REVISIONS	
NAME	DATE

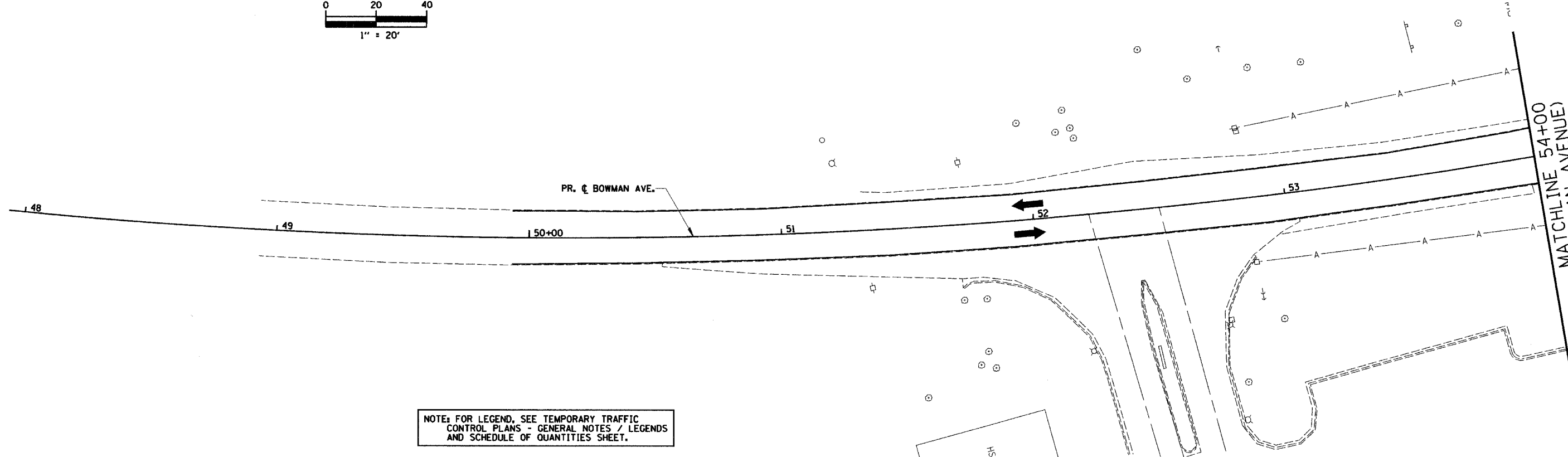
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 5
WINTER AVENUE/BICYCLE PATH
STA. 151+00 TO STA. 157+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	179
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		

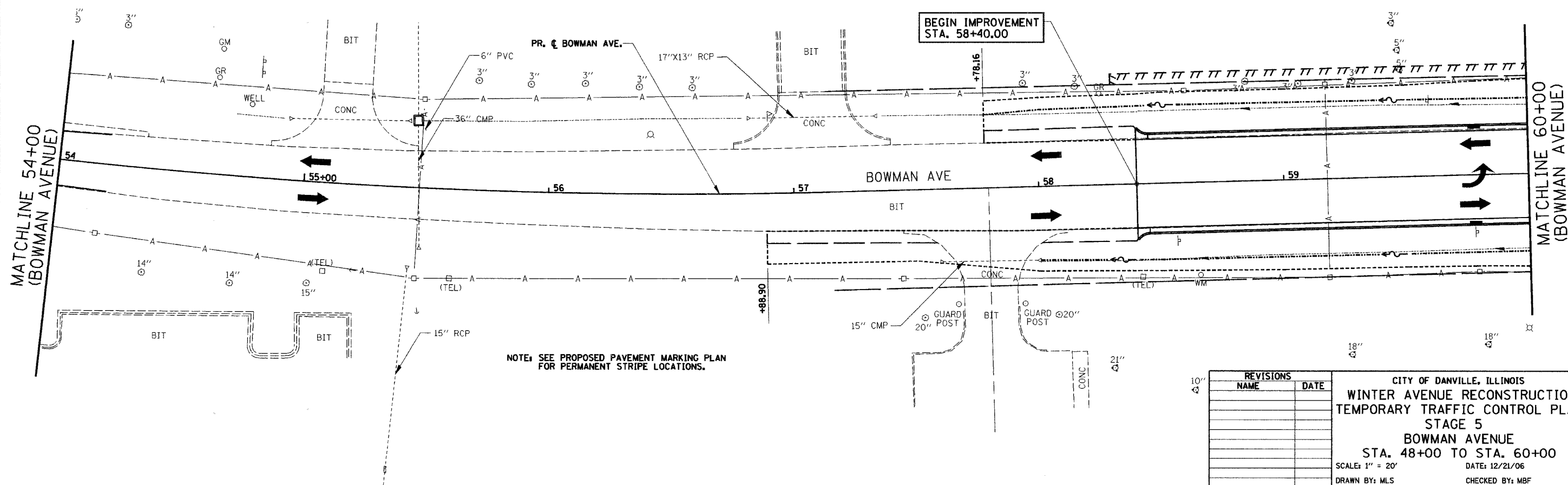
CONTRACT NO.: 91358



PLAN	SURVEYED	DATE
	BY	
	NOTED	
	CHECKED	
	REVISIONS	
	NO.	
	DATE	



NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



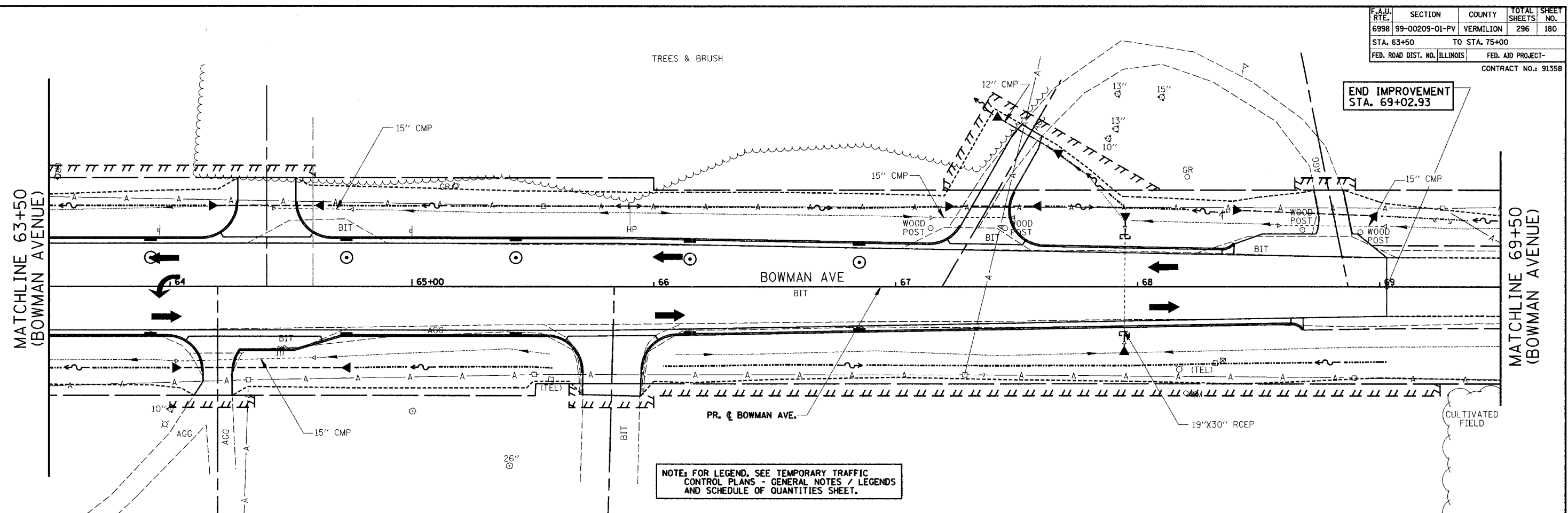
NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 5
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

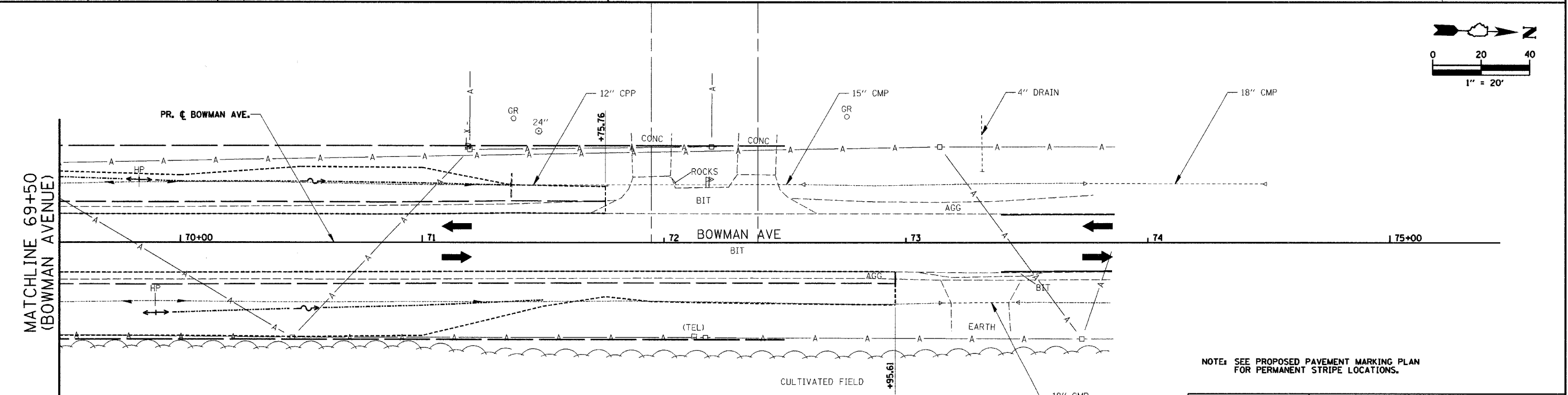
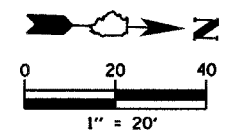
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	180
STA. 63+50		TO STA. 75+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF MAY CHECKED	
	CADD FILE NAME	
	NO.	



END IMPROVEMENT
STA. 69+02.93

NOTE: FOR LEGEND, SEE TEMPORARY TRAFFIC CONTROL PLANS - GENERAL NOTES / LEGENDS AND SCHEDULE OF QUANTITIES SHEET.



NOTE: SEE PROPOSED PAVEMENT MARKING PLAN FOR PERMANENT STRIPE LOCATIONS.

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY TRAFFIC CONTROL PLAN
STAGE 5
BOWMAN AVENUE
STA. 63+50 TO STA. 75+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	181
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT-	

CONTRACT NO.: 91358

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN WAS ESTABLISHED TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY EROSION CONTROL SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN, CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THIS PLAN. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER, AS SHOWN IN THE PLAN DETAILS, AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

- RECONSTRUCTION AND DRAINAGE IMPROVEMENTS ON F.A.U. ROUTE 6998 (WINTER AVE) FROM EAST OF MONTEREY ST. TO EAST OF BOWMAN AVE. AND ON F.A.U. ROUTE 7405 (BOWMAN AVE) SOUTH AND NORTH OF WINTER AVE. INCLUDING THE ADDITION OF A BICYCLE PATH ALONG THE SOUTH SIDE OF WINTER AVE. WORK ALSO INCLUDES THE RECONSTRUCTION OF A CSX TRANSPORTATION R.R. BRIDGE OVER WINTER AVE. JUST EAST OF MONTEREY ST.
- WINTER AVE. AND BOWMAN AVE. RECONSTRUCTION INCLUDES REMOVAL OF PAVEMENT, CULVERTS AND APPURTENANCES; THE EXCAVATION AND GRADING, DITCH CONSTRUCTION, STORM DRAINAGE IMPROVEMENTS, CULVERT CONSTRUCTION, PAVING, AND OTHER MISCELLANEOUS WORK TO COMPLETE A TWO LANE CURBED ROADWAY, INTERSECTION AND TWO BRIDGES.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB EARTH AND LEAD TO POSSIBLE EROSION FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

EXCAVATION WILL BE COMPLETED TO CONSTRUCT THE PROPOSED STORM SEWER SYSTEM PRIOR TO THE EXCAVATION TO GRADE THE PROPOSED ROADWAY AND DITCHES.

PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL ITEMS INCLUDING EROSION CONTROL FENCE, DITCH CHECKS, SEEDING, SODDING AND OTHER MISCELLANEOUS EROSION CONTROL MEASURES.

PLACEMENT OF PERMANENT EROSION CONTROL ITEMS, INCLUDING DITCH RIPRAP AND LININGS, EROSION CONTROL BLANKET, AND SEEDING, ETC.

FINAL ROADWAY GRADING AND OTHER MISCELLANEOUS ITEMS.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE ±10.0 ACRES OF WHICH ±7.9 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THIS STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

ILLINOIS URBAN MANUAL, IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ADOPTED JANUARY 1, 2002).

DRAINAGE TRIBUTARIES RECEIVING

WATER FROM THIS CONSTRUCTION SITE:

- WINTER AVE OUTLETS TO THE EXISTING DITCHES AND STONEY CREEK.

CONTROLS-EROSION CONTROL AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING ROADWAY CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS, AS OUTLINED PREVIOUSLY HEREIN, SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

(A) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREA WHICH HAVE HIGH FLOWS OF WATER AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

(B) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

(C) AS THE CONTRACTOR CONSTRUCTS A PORTION OF ROADWAY IN A FILL SECTION THEY SHALL FOLLOW THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:

- PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND RETURNS FROM THE CONSTRUCTION ZONE.
- TEMPORARILY SEED HIGHLY ERODIBLE AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS.
- CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
- TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
- BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
- CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME PLACING PERMANENT EROSION CONTROL SUCH AS RIPRAP, OR DITCH LINING, AND CONDUCT FINAL SHAPING TO THE SLOPES.

(D) EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDDED OR SODDED WHEN FINAL GRADED. IF NOT, THEY SHALL BE TEMPORARILY SEEDDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR FOURTEEN DAYS.

(E) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS OR AS DIRECTED BY THE ENGINEER. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

(F) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT ON A REGULAR BASIS, COMPLETING FORM NPDES / EROSION CONTROL INSPECTION REPORT BC 2259 (4/96) AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCH RAINFALL OR EQUIVALENT SNOWFALL, TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

(G) SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. PERIMETER EROSION BARRIER SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 75% OF THE HEIGHT OF THE CONTROL DEVICE. THE COST OF THE MAINTENANCE AND CLEANING OF THE EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE PAY ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

(H) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER EVERY USE IF NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

(I) IF PORTIONS OF THE STORM SEWER ARE CONSTRUCTED IN AN EARLIER STAGE BY THE CONTRACTOR, THE APPROPRIATE INLET AND PIPE PROTECTION SHOWN IN A LATER STAGE WILL APPLY. THE COST OF MAINTAINING EROSION CONTROL MEASURES FOR INLETS, PIPES, AND STRUCTURES SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE TEMPORARY EROSION CONTROL ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DESCRIPTIONS OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDDED AND ESTABLISHED WITH A PROPER STAND.

ONCE EROSION CONTROL SYSTEMS AND ITEMS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED, AND DISTURBED TURF RESEEDDED OR SODDED.

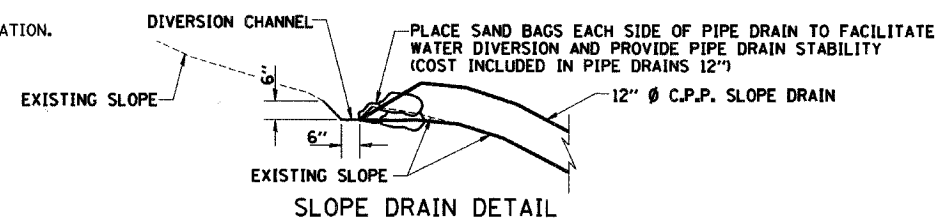
MAINTENANCE AFTER CONSTRUCTION:

- FINAL INSPECTION WILL OCCUR AFTER ALL ROADWAY AND DRAINAGE CONSTRUCTION IS COMPLETE AND THE ROADWAY SIGNING IS IN PLACE AND THE ROAD COMPLETELY OPENED TO TRAFFIC.
- CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION.

EROSION CONTROL STAGE SUMMARY

CODE NO.	ITEM	UNIT	QUANTITY					TOTAL
			STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5	
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	5.9	6.7	11.0		4.6	28.2
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	30.4	67.7	101.8	49.1	106.3	355
28000300	TEMPORARY DITCH CHECKS	EACH	7	12	8	4	12	43
28000400	PERIMETER EROSION BARRIER	FOOT	48	593	645		2344	3630
28000500	INLET AND PIPE PROTECTION	EACH	5	9	6	4	3	27
28000510	INLET FILTERS	EACH		12	19	10	27	68
60100945	PIPE DRAINS 12"	FOOT	8	8	27		13	56

* QUANTITY INCLUDES ONE (1) APPLICATION.



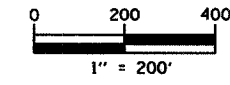
ASSOCIATED PAY ITEMS:

PAY ITEM
 -EARTH EXCAVATION FOR EROSION CONTROL
 -PIPE DRAINS 12"

PLAN ITEM
 DIVERSION CHANNEL
 SLOPE DRAIN

REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION
NAME	DATE	
		TEMPORARY EROSION CONTROL PLAN GENERAL NOTES AND SUMMARY
SCALE: NTS		DATE: 12/21/06
DRAWN BY: TDN		CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	182
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



STAGE 1

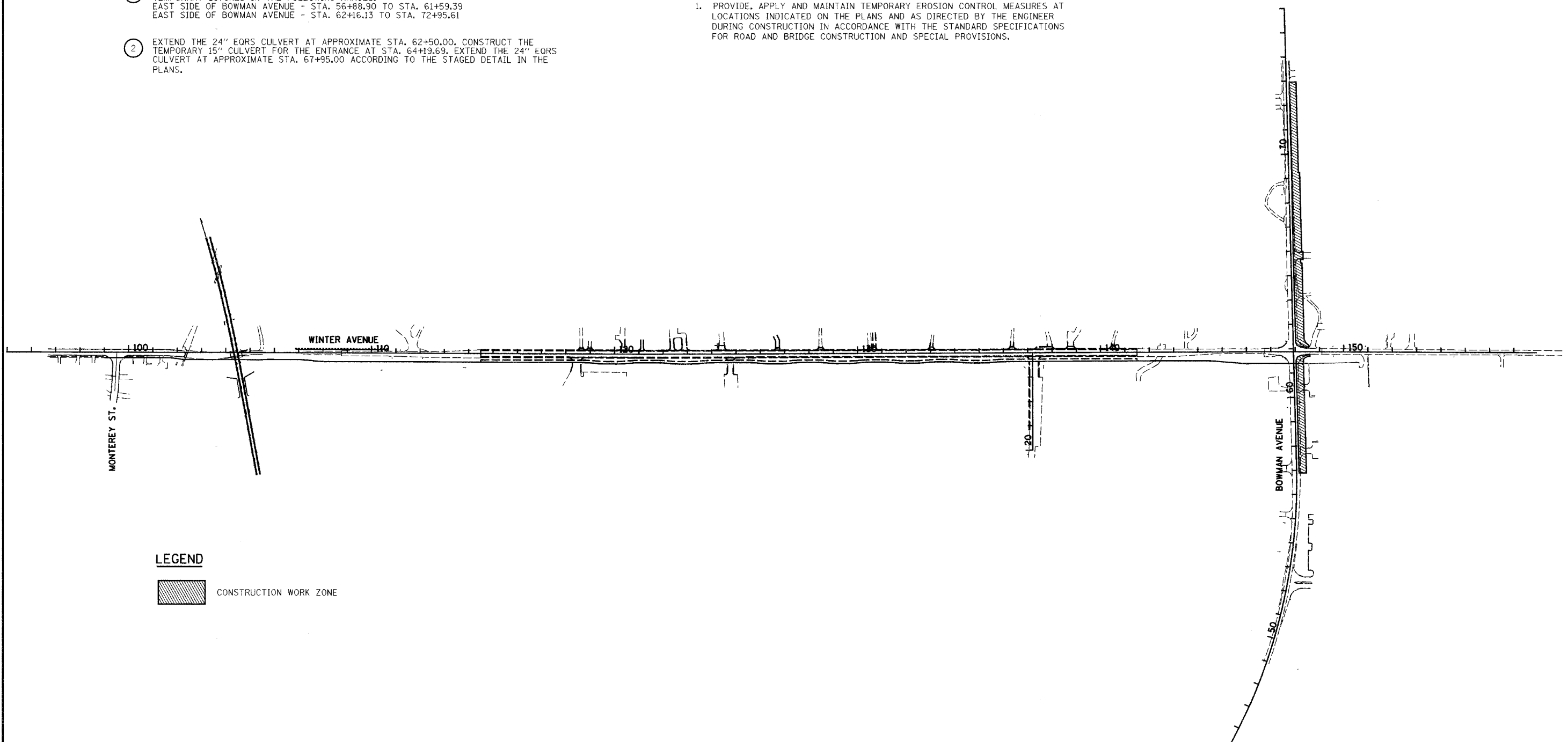
CONSTRUCTION:

- ① CONSTRUCT TEMPORARY BITUMINOUS PAVEMENTS, AGGREGATE SHOULDERS AND TEMPORARY DITCHES IN THE FOLLOWING RANGES:
 EAST SIDE OF BOWMAN AVENUE - STA. 56+88.90 TO STA. 61+59.39
 EAST SIDE OF BOWMAN AVENUE - STA. 62+16.13 TO STA. 72+95.61
- ② EXTEND THE 24" EORS CULVERT AT APPROXIMATE STA. 62+50.00. CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT STA. 64+19.69. EXTEND THE 24" EORS CULVERT AT APPROXIMATE STA. 67+95.00 ACCORDING TO THE STAGED DETAIL IN THE PLANS.

EROSION CONTROL:

1. PROVIDE, APPLY AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES AT LOCATIONS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SPECIAL PROVISIONS.

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	BY	
	DATE	
	FILE NAME	



LEGEND

CONSTRUCTION WORK ZONE

REVISIONS	
NAME	DATE

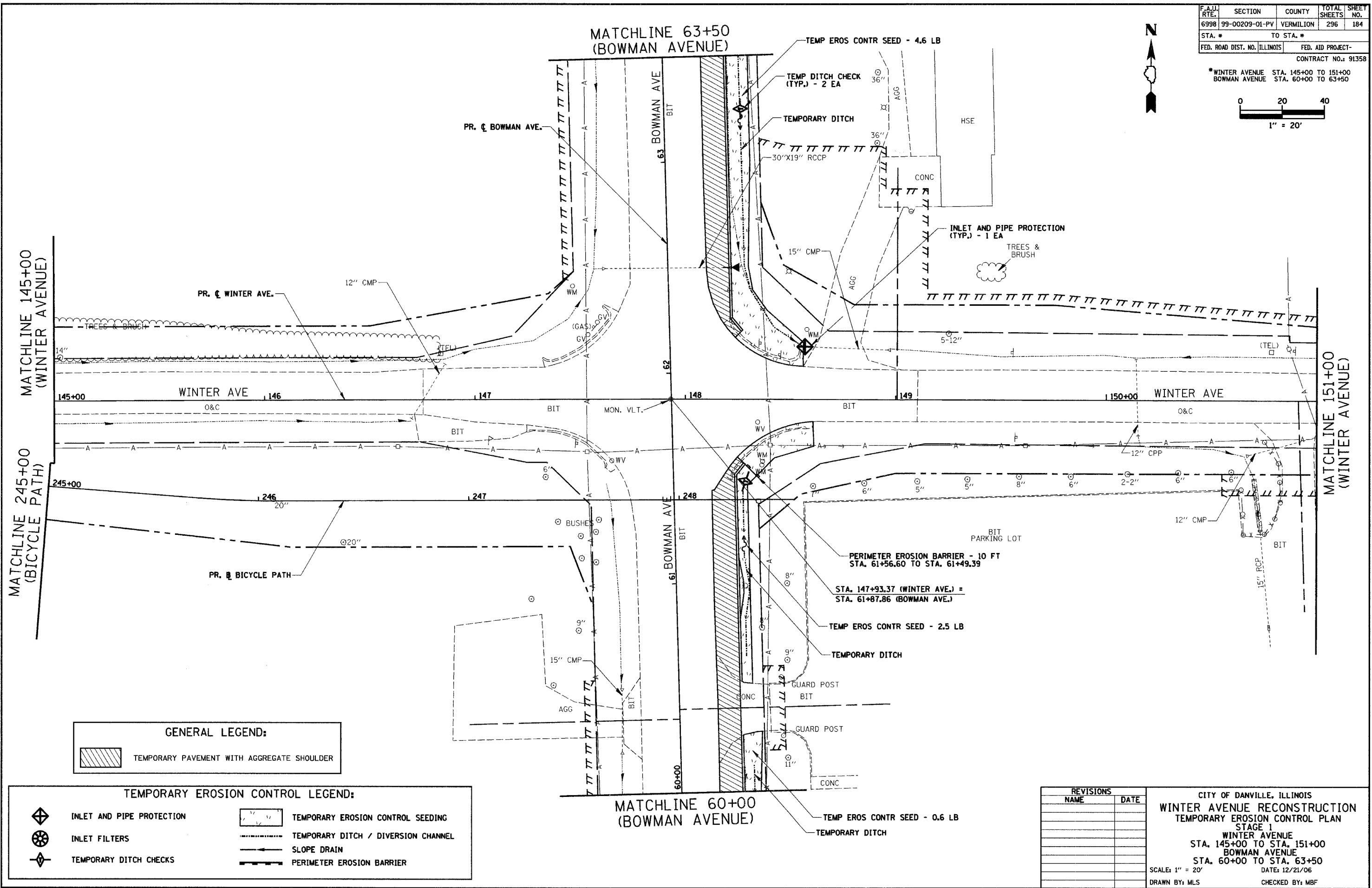
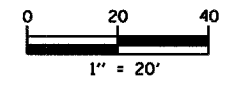
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY EROSION CONTROL PLAN
 OVERALL STAGE 1

SCALE: 1" = 200'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: SRS

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLANNED		
NO. OF MAY CHECKED	ALIGNED		
CADD FILE NAME	CONTRACT		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
6998	99-00209-01-PV	VERMILION	296 184
STA. #	TO STA. #		
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-		
CONTRACT NO.: 91358			

* WINTER AVENUE STA. 145+00 TO 151+00
 BOWMAN AVENUE STA. 60+00 TO 63+50



GENERAL LEGEND:

	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER
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TEMPORARY EROSION CONTROL LEGEND:

	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER

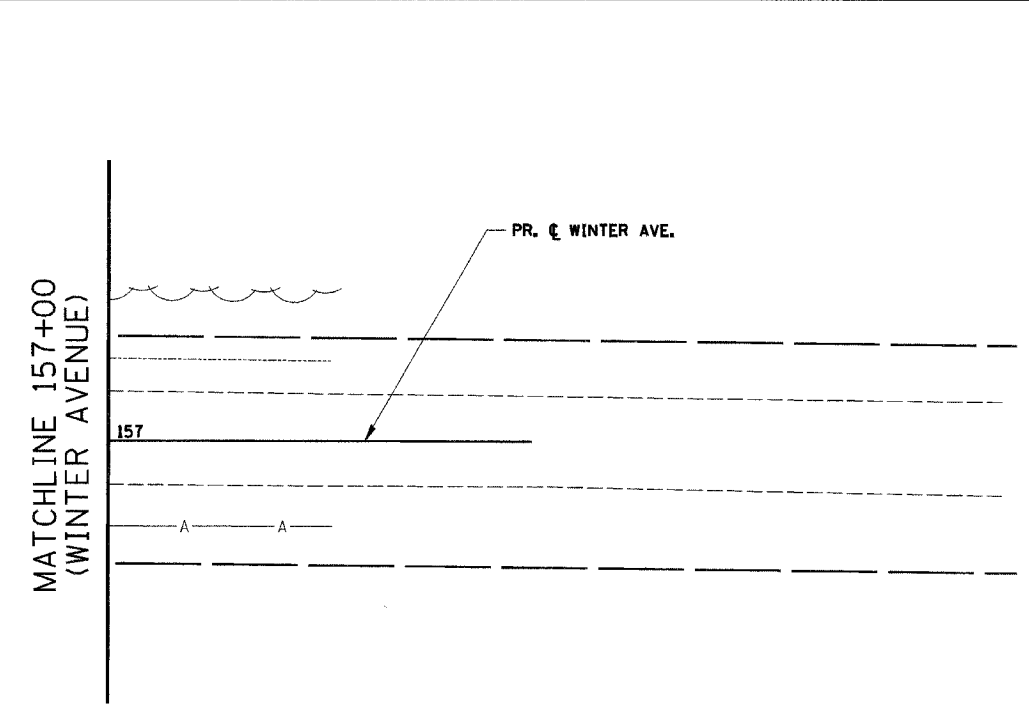
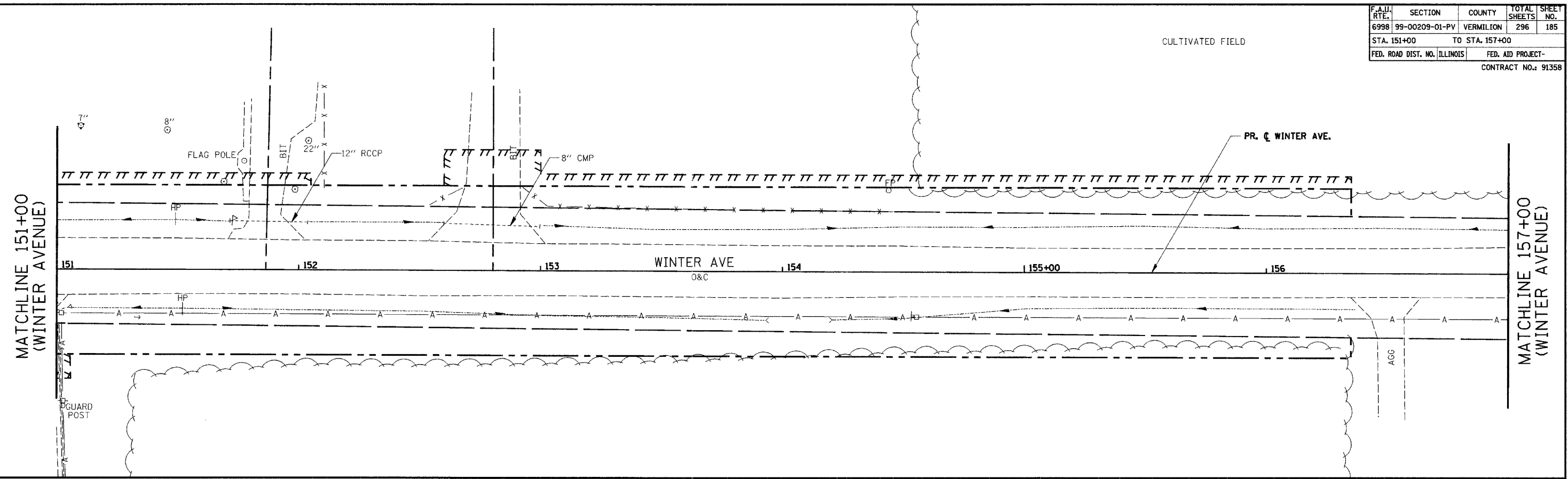
REVISIONS

NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
 STAGE 1
 WINTER AVENUE
 STA. 145+00 TO STA. 151+00
 BOWMAN AVENUE
 STA. 60+00 TO STA. 63+50
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

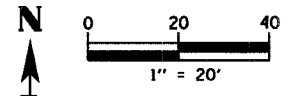
F.A.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	185
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
	BY	
	NO. OF SHEETS	
	NO. OF SHEETS CHECKED	
	NO. OF SHEETS NOT CHECKED	
	DATE	
	BY	
	NO. OF SHEETS	
	NO. OF SHEETS CHECKED	
	NO. OF SHEETS NOT CHECKED	
	DATE	
	BY	



TEMPORARY EROSION CONTROL LEGEND:

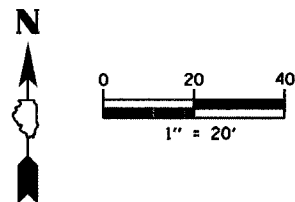
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	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER



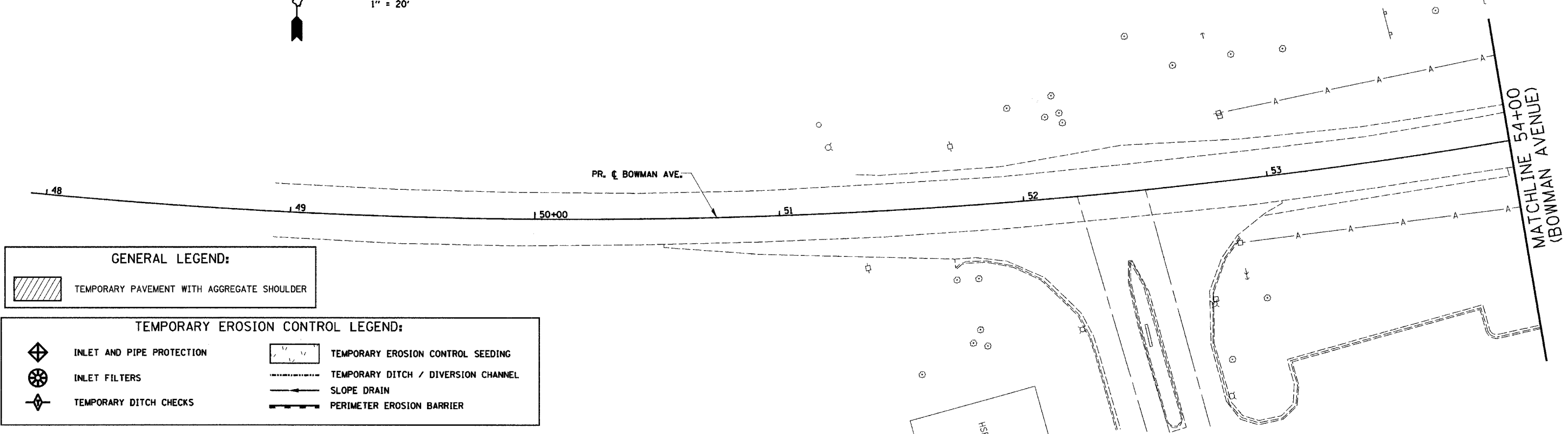
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 1
WINTER AVENUE/BICYCLE PATH
STA. 151+00 TO STA. 157+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	186
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



PLAN	DATE
SURVEYED	BY
DESIGNED	BY
CHECKED	BY
IN CHARGE	BY
NOTE BOOK	NO.
RT. OF WAY CHECKED	DATE
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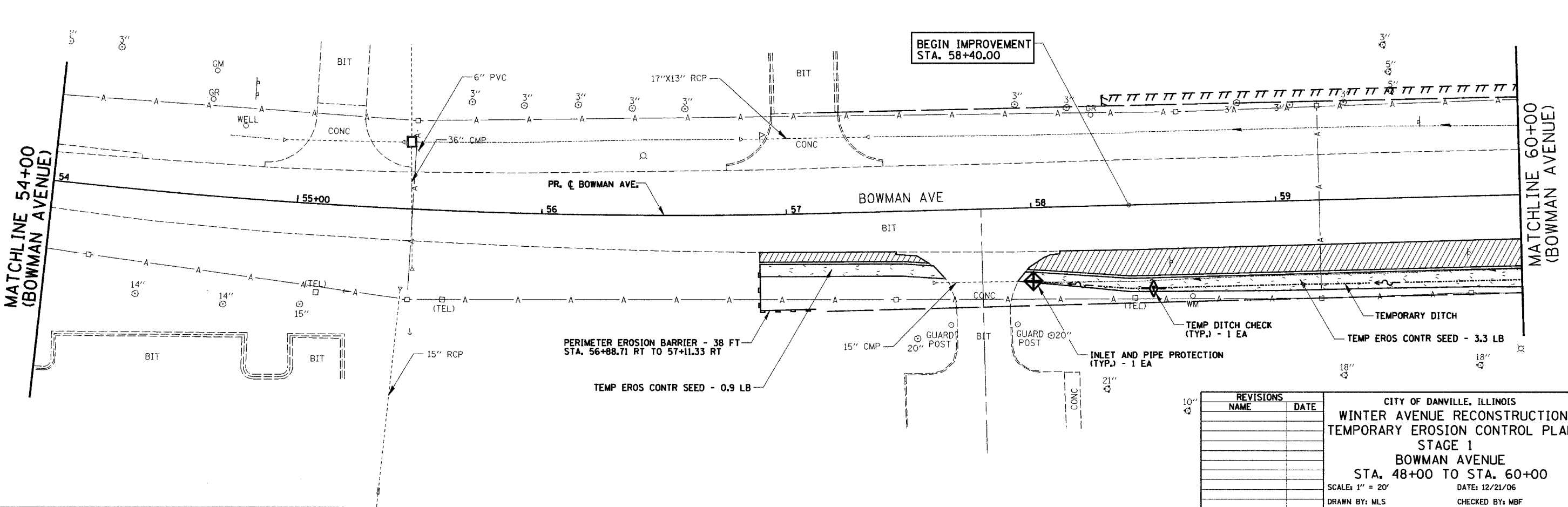


GENERAL LEGEND:

TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

TEMPORARY EROSION CONTROL LEGEND:

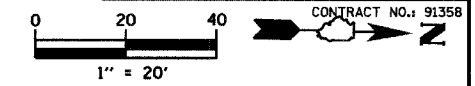
INLET AND PIPE PROTECTION	TEMPORARY EROSION CONTROL SEEDING
INLET FILTERS	TEMPORARY DITCH / DIVERSION CHANNEL
TEMPORARY DITCH CHECKS	SLOPE DRAIN
	PERIMETER EROSION BARRIER



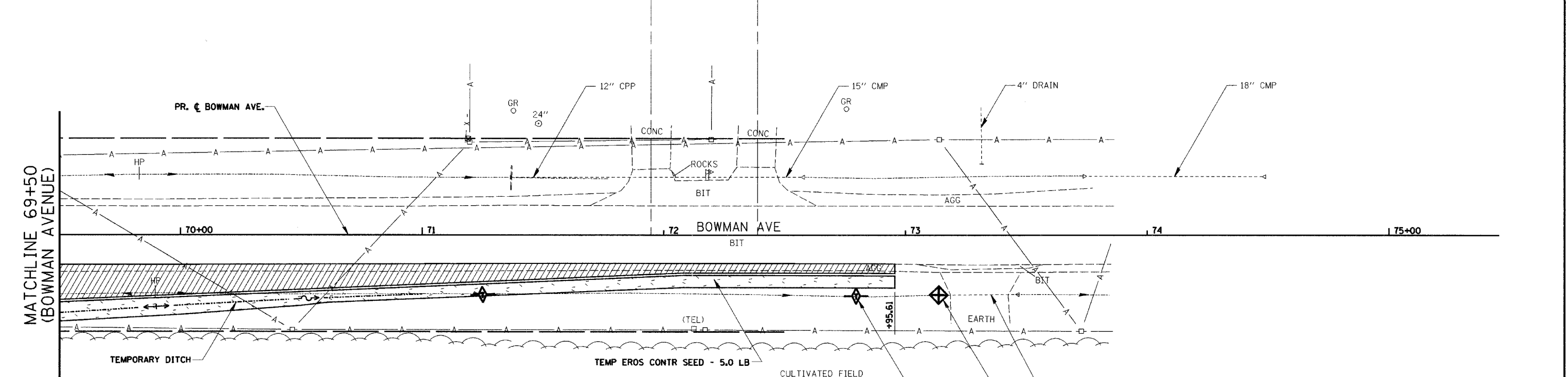
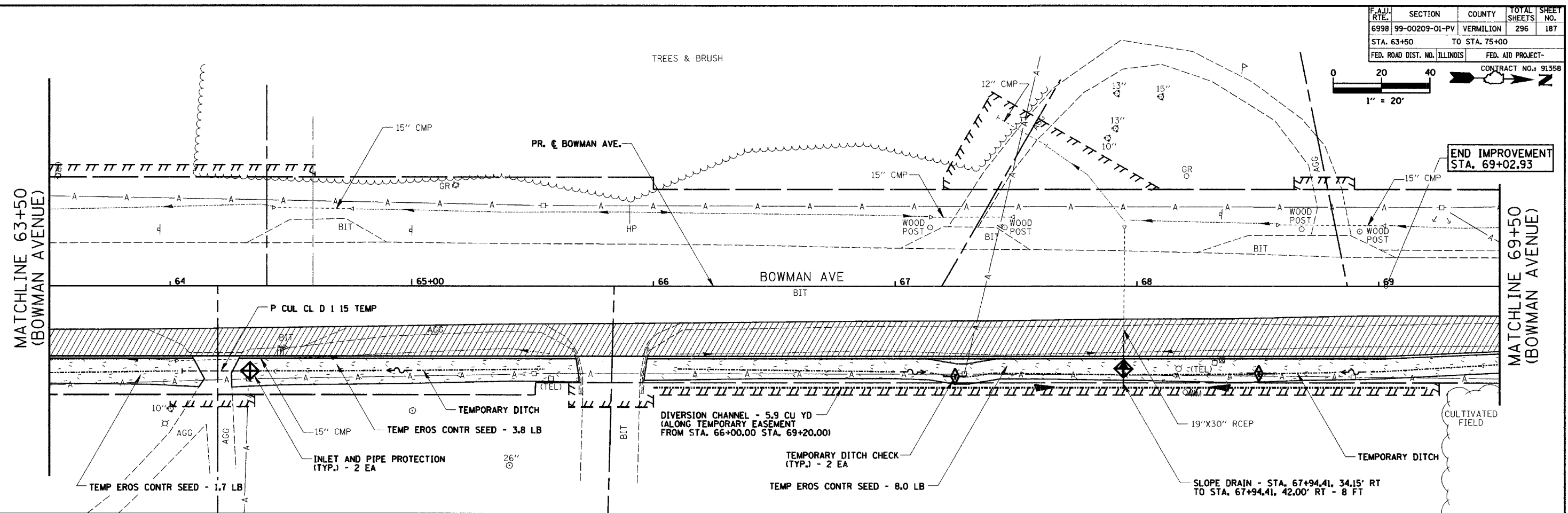
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 1
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	187
STA. 63+50		TO STA. 75+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	BY	
	DATE	



TEMPORARY EROSION CONTROL LEGEND:

	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER

GENERAL LEGEND:

	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER
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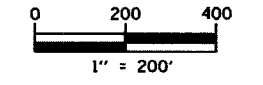
REVISIONS

NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 1
BOWMAN AVENUE
STA. 63+50 TO STA. 75+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

STAGE 2

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	188
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



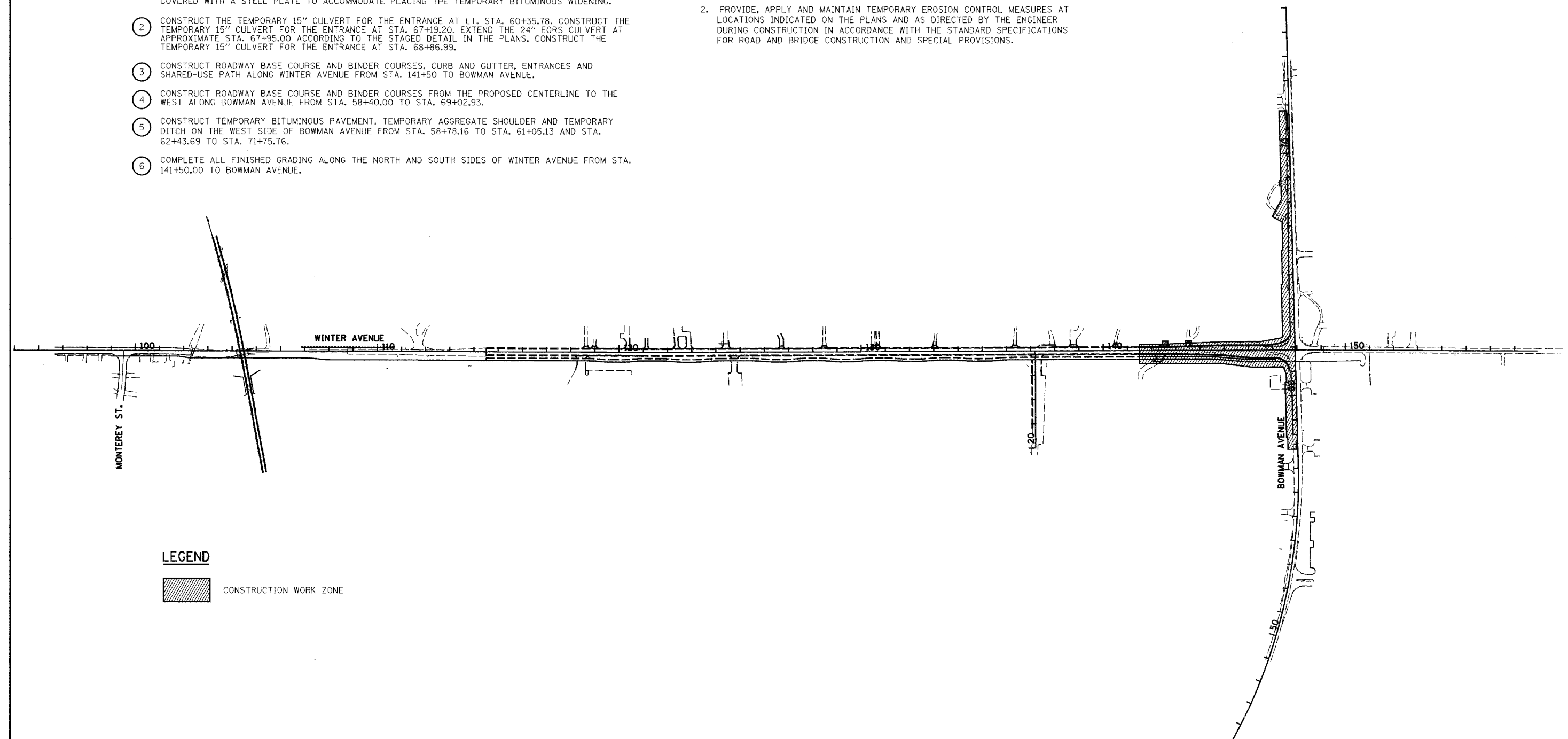
CONSTRUCTION:

- ① CONSTRUCT THE MAIN STORM SEWER BRANCH AND INLETS ON WINTER AVENUE FROM STA. 142+85.00 TO BOWMAN AVENUE. CONSTRUCT THE MAIN STORM SEWER BRANCH AND INLETS ON THE WEST SIDE OF BOWMAN AVENUE FROM STA. 59+78.00 TO STA. 66+85.00. CONSTRUCT PIPES TO THE EAST ON BOWMAN AVENUE WHICH CAN EXTEND UP TO 3 FEET PAST THE CENTERLINE TO ACCOMMODATE STAGE CONSTRUCTION OF THE BRANCH STORM SEWER LINES. INLETS ALONG THE WEST SIDE OF BOWMAN AVENUE WILL BE COVERED WITH A STEEL PLATE TO ACCOMMODATE PLACING THE TEMPORARY BITUMINOUS WIDENING.
- ② CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT LT. STA. 60+35.78. CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT STA. 67+19.20. EXTEND THE 24" EQRS CULVERT AT APPROXIMATE STA. 67+95.00 ACCORDING TO THE STAGED DETAIL IN THE PLANS. CONSTRUCT THE TEMPORARY 15" CULVERT FOR THE ENTRANCE AT STA. 68+86.99.
- ③ CONSTRUCT ROADWAY BASE COURSE AND BINDER COURSES, CURB AND GUTTER, ENTRANCES AND SHARED-USE PATH ALONG WINTER AVENUE FROM STA. 141+50 TO BOWMAN AVENUE.
- ④ CONSTRUCT ROADWAY BASE COURSE AND BINDER COURSES FROM THE PROPOSED CENTERLINE TO THE WEST ALONG BOWMAN AVENUE FROM STA. 58+40.00 TO STA. 69+02.93.
- ⑤ CONSTRUCT TEMPORARY BITUMINOUS PAVEMENT, TEMPORARY AGGREGATE SHOULDER AND TEMPORARY DITCH ON THE WEST SIDE OF BOWMAN AVENUE FROM STA. 58+78.16 TO STA. 61+05.13 AND STA. 62+43.69 TO STA. 71+75.76.
- ⑥ COMPLETE ALL FINISHED GRADING ALONG THE NORTH AND SOUTH SIDES OF WINTER AVENUE FROM STA. 141+50.00 TO BOWMAN AVENUE.

EROSION CONTROL:

1. MAINTAIN EXISTING TEMPORARY EROSION CONTROL MEASURES APPLIED IN STAGE 1 CONSTRUCTION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.
2. PROVIDE, APPLY AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES AT LOCATIONS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SPECIAL PROVISIONS.

PLAN	SURVEYED	BY	DATE
NOTE BOOK	FLOWN		
	REVISIONS		
	NO. OF WAY CHECKED		
	CADD FILE NAME		



LEGEND

CONSTRUCTION WORK ZONE

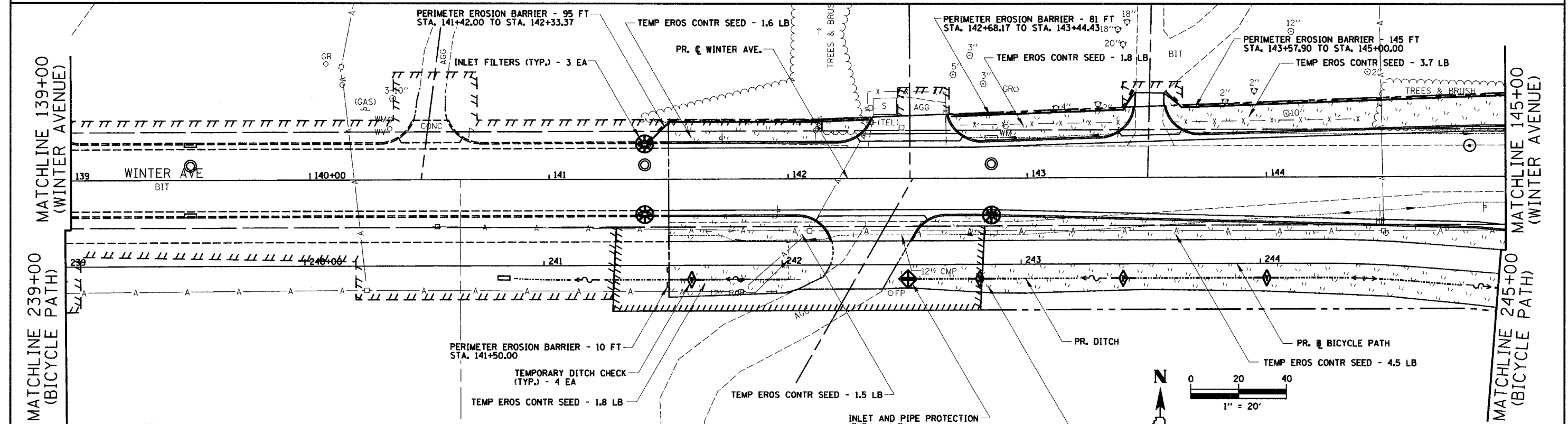
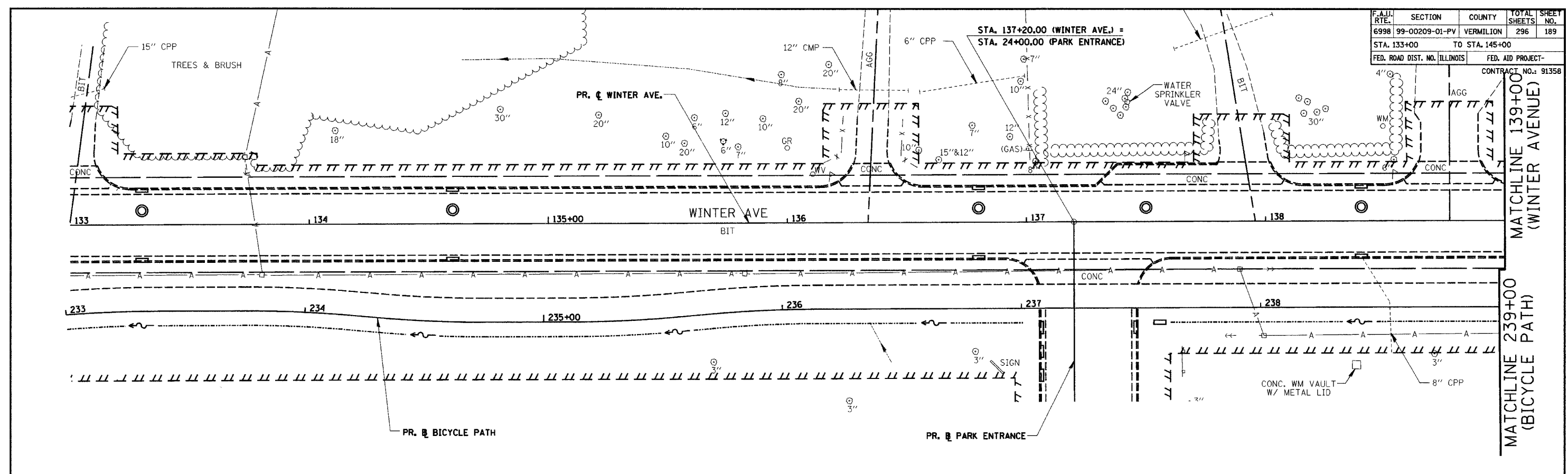
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY EROSION CONTROL PLAN
 OVERALL STAGE 2

SCALE: 1" = 200' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: SRS

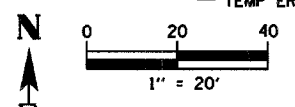
F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	189
STA. 133+00		TO STA. 145+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		
		CONTRACT NO.: 91358		

PLAN SURVEYED BY DATE
 PLOTTED BY
 CHECKED BY
 RT. OF WAY CHECKED BY
 CADD FILE NAME NO.



TEMPORARY EROSION CONTROL LEGEND:

	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER



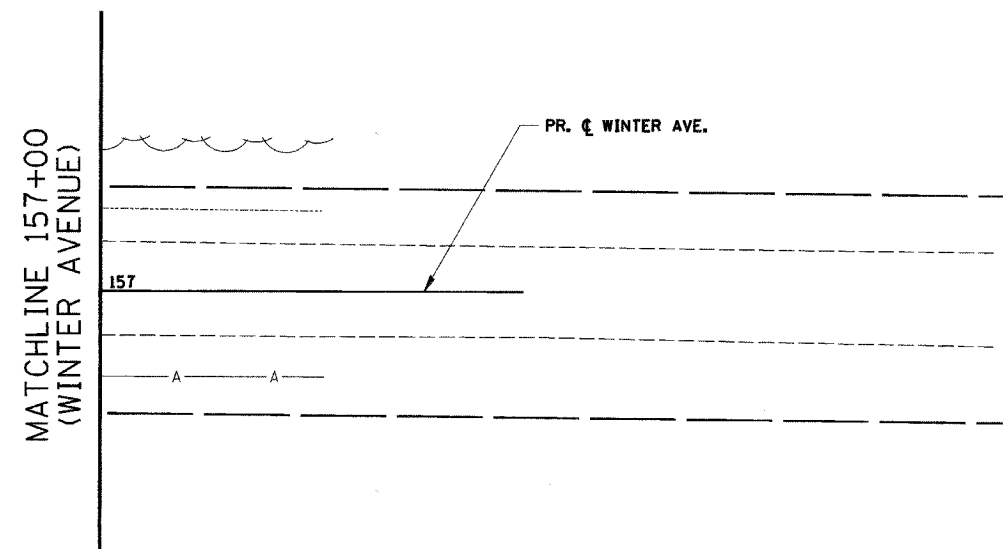
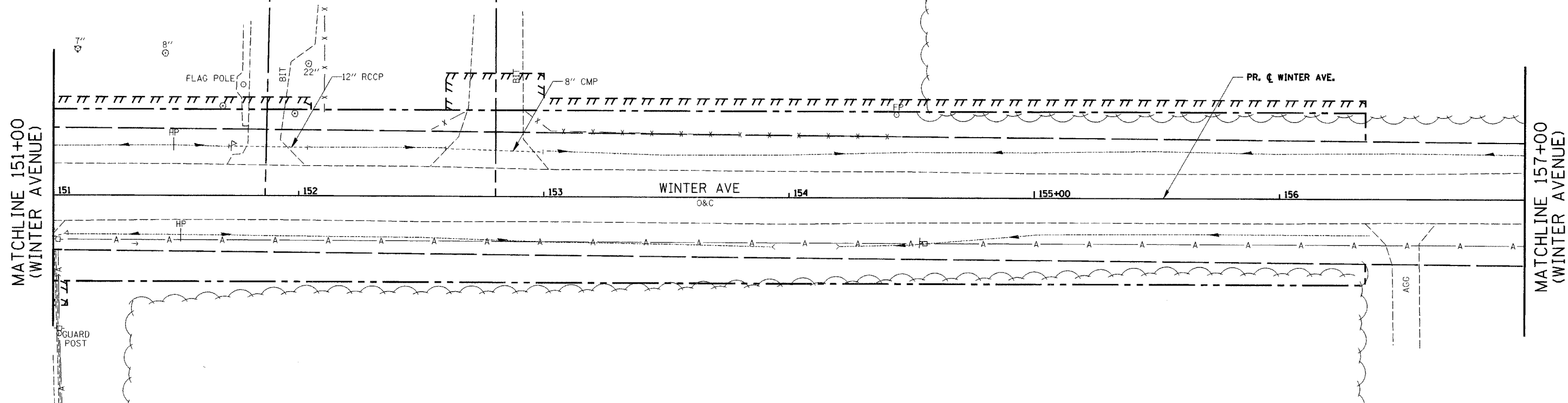
REVISIONS		DATE
NAME		

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 2
WINTER AVENUE/BICYCLE PATH
STA. 133+00 TO STA. 145+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	191
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

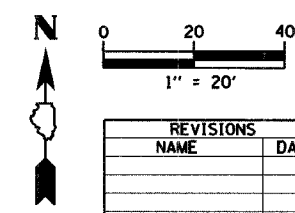
CULTIVATED FIELD

PLAN	SURVEYED	DATE
	BY	
	CHECKED	
	DATE	
	NO.	



TEMPORARY EROSION CONTROL LEGEND:

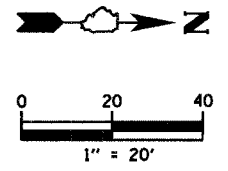
	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER



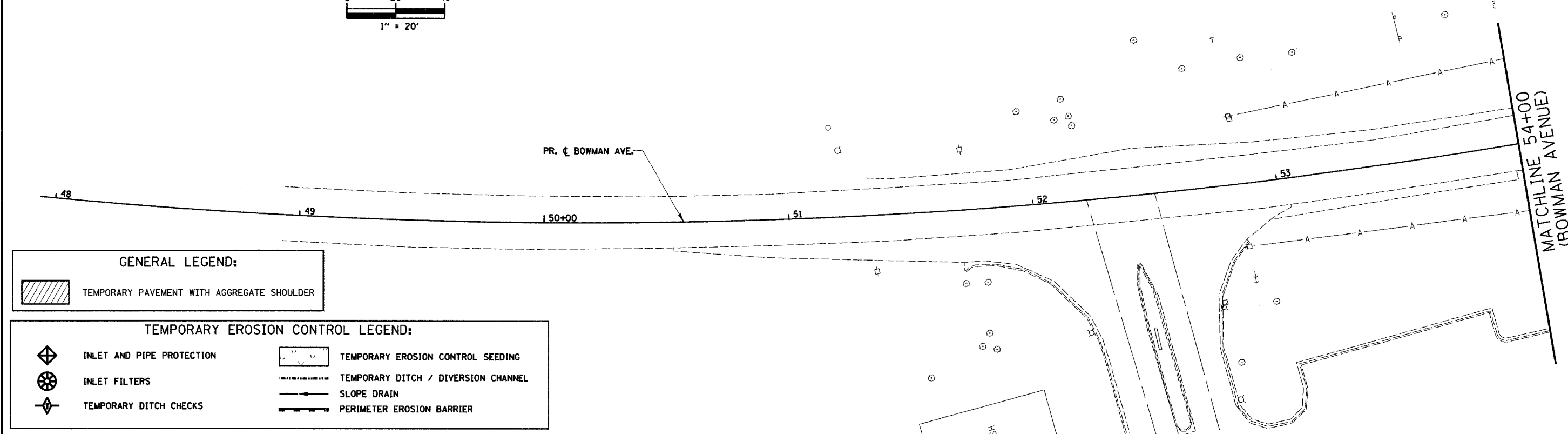
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 2
WINTER AVENUE/BICYCLE PATH
STA. 151+00 TO STA. 157+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	192
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



PLAN	SURVEYED	DATE
NO.	BY	
	NOTED	
	DESIGNED	
	CHECKED	
	BY	
	DATE	

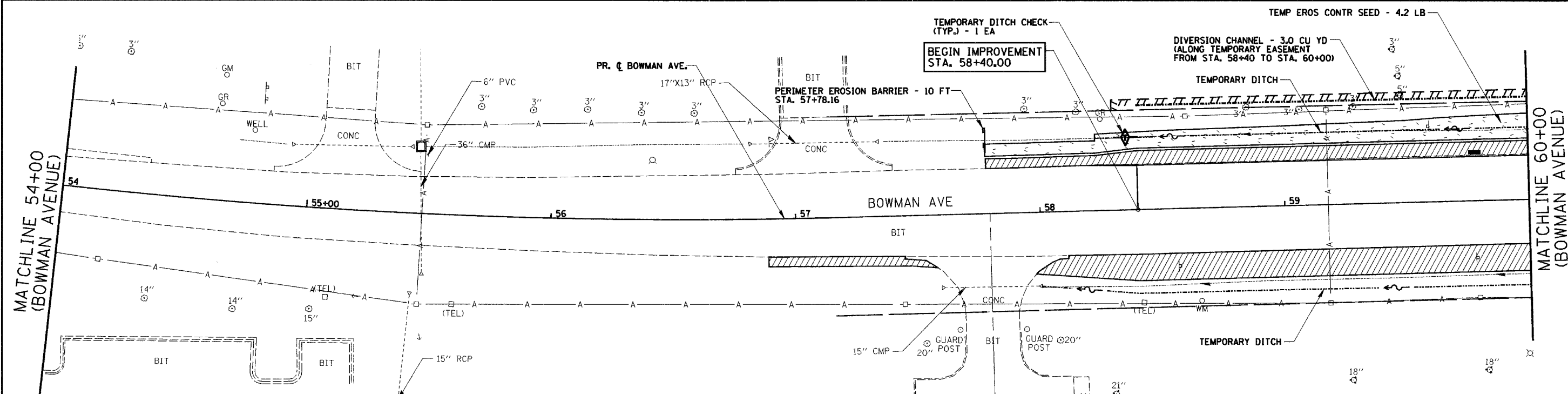


GENERAL LEGEND:

TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER

TEMPORARY EROSION CONTROL LEGEND:

INLET AND PIPE PROTECTION	TEMPORARY EROSION CONTROL SEEDING
INLET FILTERS	TEMPORARY DITCH / DIVERSION CHANNEL
TEMPORARY DITCH CHECKS	SLOPE DRAIN
	PERIMETER EROSION BARRIER



REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 2
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

PLAN	NO.	BY	DATE
SURVEYED			
DESIGNED			
PLANNED			
CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			

STAGE 3

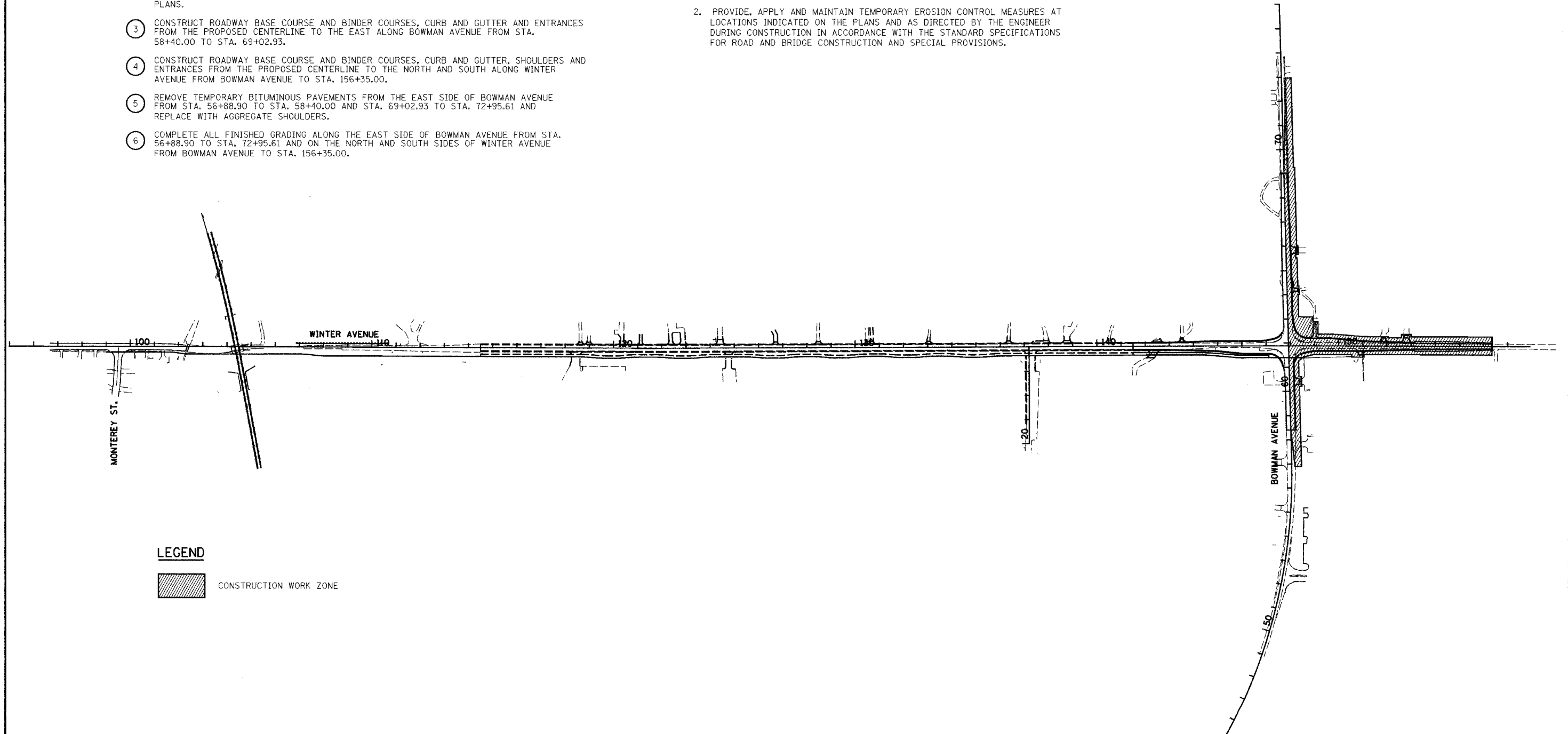
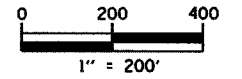
CONSTRUCTION:

- ① COMPLETE THE STORM SEWER BRANCHES TO THE EAST ON BOWMAN AVENUE FROM STA. 59+78.00 TO STA. 66+85.00. CONSTRUCT THE FINAL STORM SEWER ON WINTER AVENUE FROM BOWMAN AVENUE TO STA. 150+64.71.
- ② EXTEND THE 24" EORS CULVERT AT APPROXIMATE STA. 67+95.00 ACCORDING TO THE STAGED DETAIL IN THE PLANS. CONSTRUCT THE FINAL CULVERT ACROSS THE ROAD AT STA. 154+50.00. CONSTRUCT THE FINAL CULVERTS AT THE ENTRANCES AS NOTED IN THE PLANS.
- ③ CONSTRUCT ROADWAY BASE COURSE AND BINDER COURSES, CURB AND GUTTER AND ENTRANCES FROM THE PROPOSED CENTERLINE TO THE EAST ALONG BOWMAN AVENUE FROM STA. 58+40.00 TO STA. 69+02.93.
- ④ CONSTRUCT ROADWAY BASE COURSE AND BINDER COURSES, CURB AND GUTTER, SHOULDERS AND ENTRANCES FROM THE PROPOSED CENTERLINE TO THE NORTH AND SOUTH ALONG WINTER AVENUE FROM BOWMAN AVENUE TO STA. 156+35.00.
- ⑤ REMOVE TEMPORARY BITUMINOUS PAVEMENTS FROM THE EAST SIDE OF BOWMAN AVENUE FROM STA. 56+88.90 TO STA. 58+40.00 AND STA. 69+02.93 TO STA. 72+95.61 AND REPLACE WITH AGGREGATE SHOULDERS.
- ⑥ COMPLETE ALL FINISHED GRADING ALONG THE EAST SIDE OF BOWMAN AVENUE FROM STA. 56+88.90 TO STA. 72+95.61 AND ON THE NORTH AND SOUTH SIDES OF WINTER AVENUE FROM BOWMAN AVENUE TO STA. 156+35.00.

EROSION CONTROL:

1. MAINTAIN EXISTING TEMPORARY EROSION CONTROL MEASURES APPLIED IN STAGE 1 AND STAGE 2 CONSTRUCTION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.
2. PROVIDE, APPLY AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES AT LOCATIONS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SPECIAL PROVISIONS.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	194
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT-			
CONTRACT NO.: 91358				



LEGEND

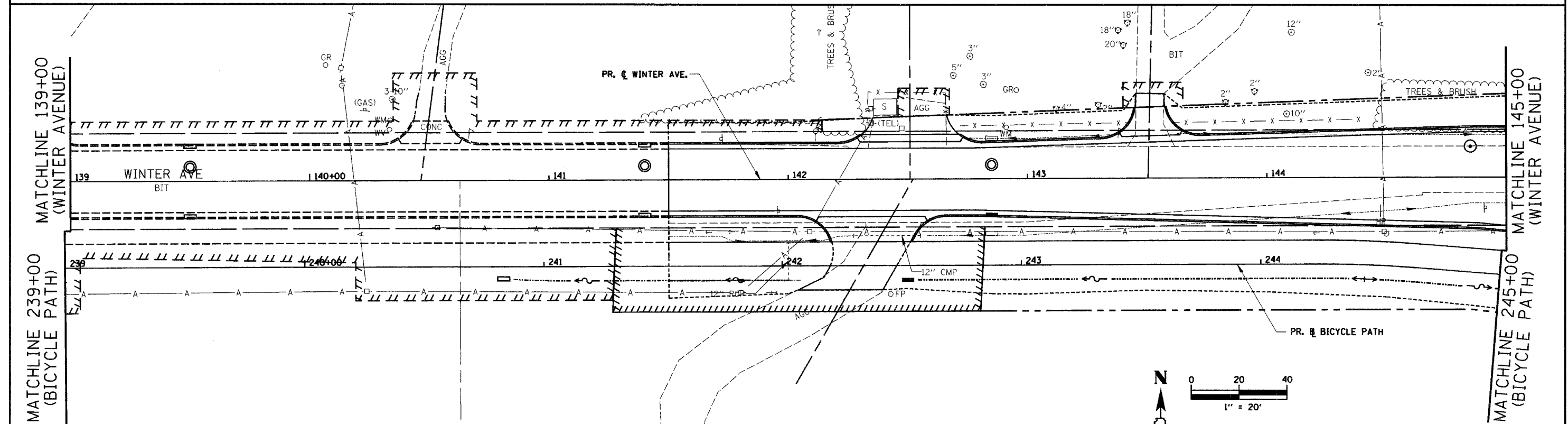
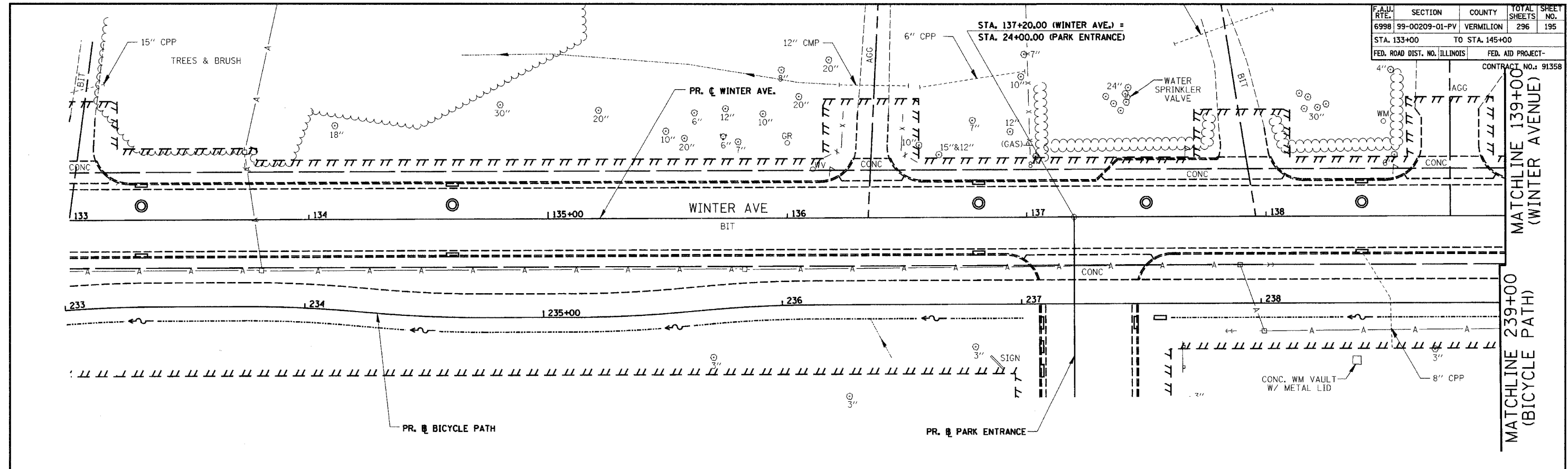
CONSTRUCTION WORK ZONE

REVISIONS		CITY OF DANVILLE, ILLINOIS WINTER AVENUE RECONSTRUCTION TEMPORARY EROSION CONTROL PLAN OVERALL STAGE 3
NAME	DATE	

SCALE: 1" = 200' DATE: 12/21/06
DRAWN BY: MLS CHECKED BY: SRS

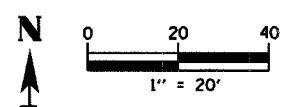
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	195
STA. 133+00		TO STA. 145+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
		CONTRACT NO.: 91358		

PLAN	SURVEYED	DATE
	BY	
	NOTED	
	CHECKED	
	BY	
	DATE	



TEMPORARY EROSION CONTROL LEGEND:

	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER

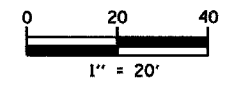


REVISIONS	
NAME	DATE

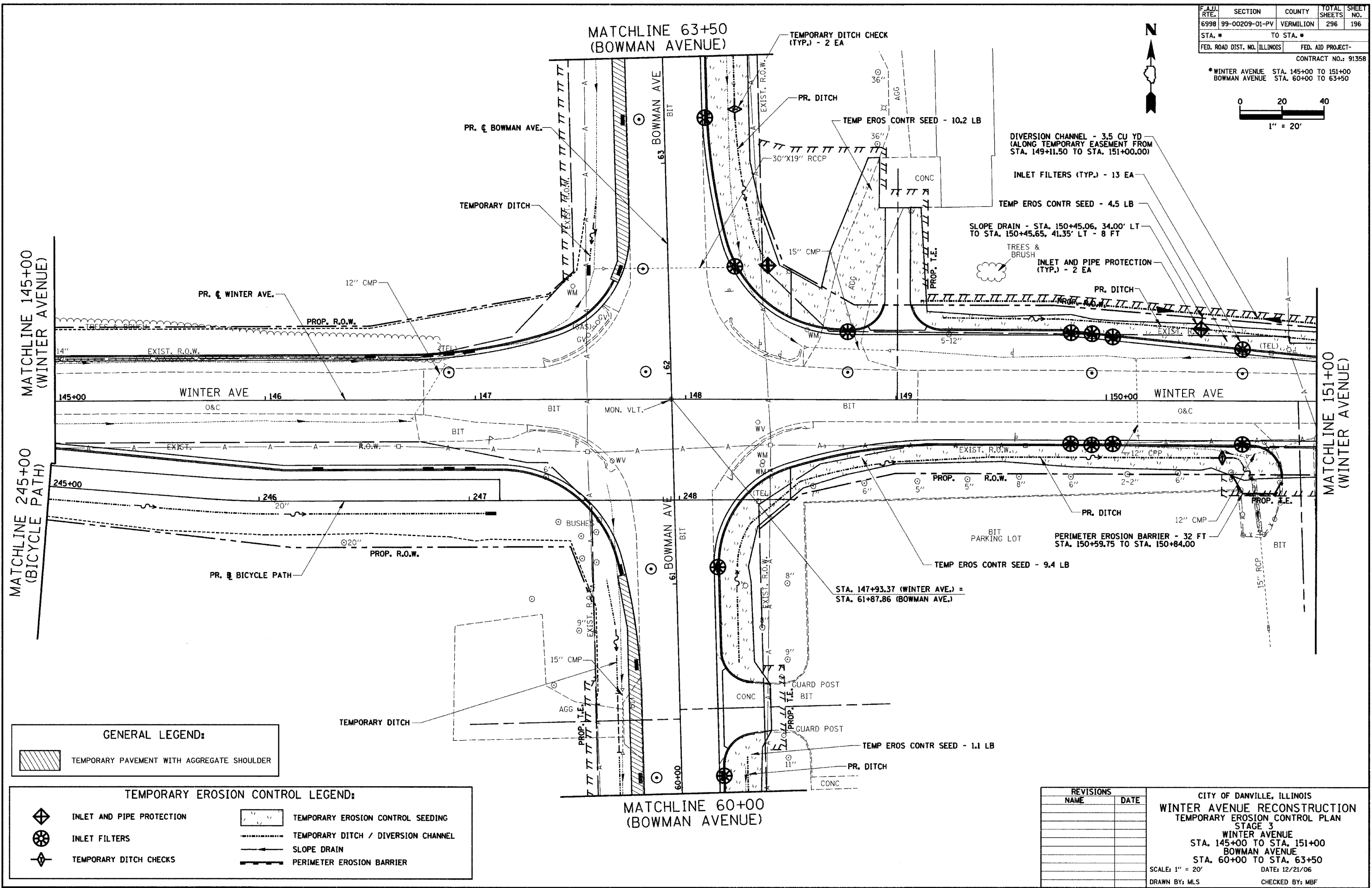
CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 3
WINTER AVENUE/BICYCLE PATH
STA. 133+00 TO STA. 145+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	196
STA. #	TO STA. #			
FED. ROAD DIST. NO., ILLINOIS	FED. AID PROJECT-			
			CONTRACT NO.: 91358	

* WINTER AVENUE STA. 145+00 TO 151+00
 BOWMAN AVENUE STA. 60+00 TO 63+50



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	RE. OF WAY CHECKED	
	STAKE FILE NAME	
	NO.	



GENERAL LEGEND:

	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER
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TEMPORARY EROSION CONTROL LEGEND:

	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER

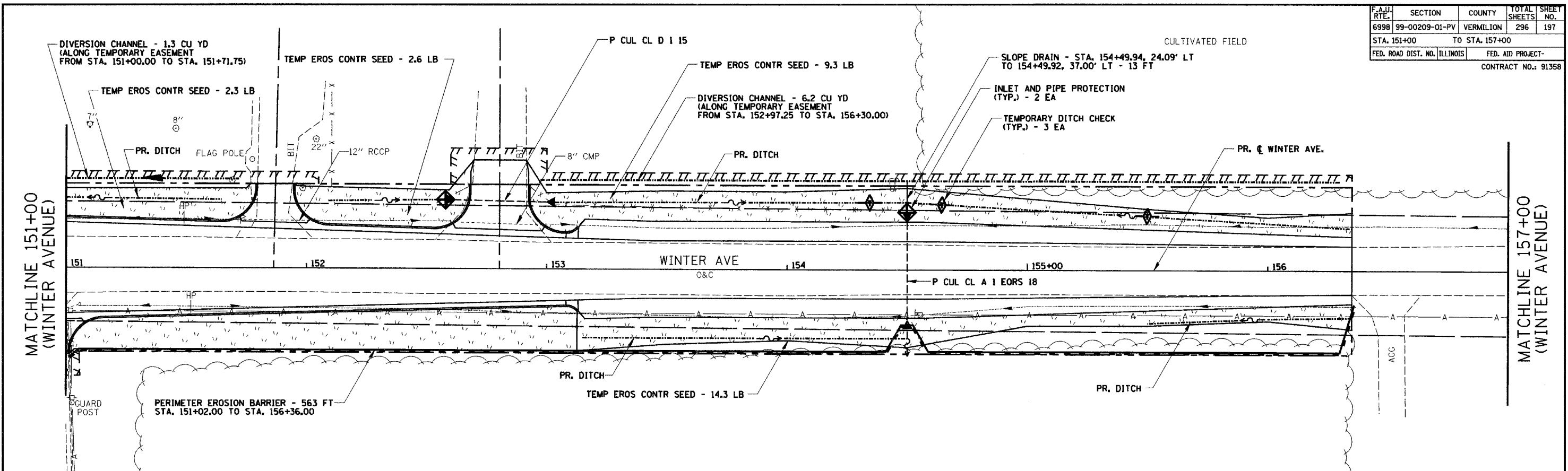
REVISIONS

NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
 TEMPORARY EROSION CONTROL PLAN
 STAGE 3
 WINTER AVENUE
 STA. 145+00 TO STA. 151+00
 BOWMAN AVENUE
 STA. 60+00 TO STA. 63+50
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

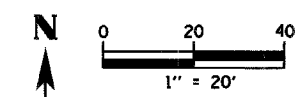
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	197
STA. 151+00		TO STA. 157+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				

PLAN	SURVEYED	DATE
	BY	
	NOTED	
	CHECKED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	



TEMPORARY EROSION CONTROL LEGEND:

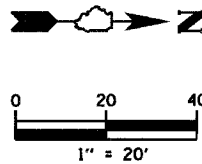
	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER



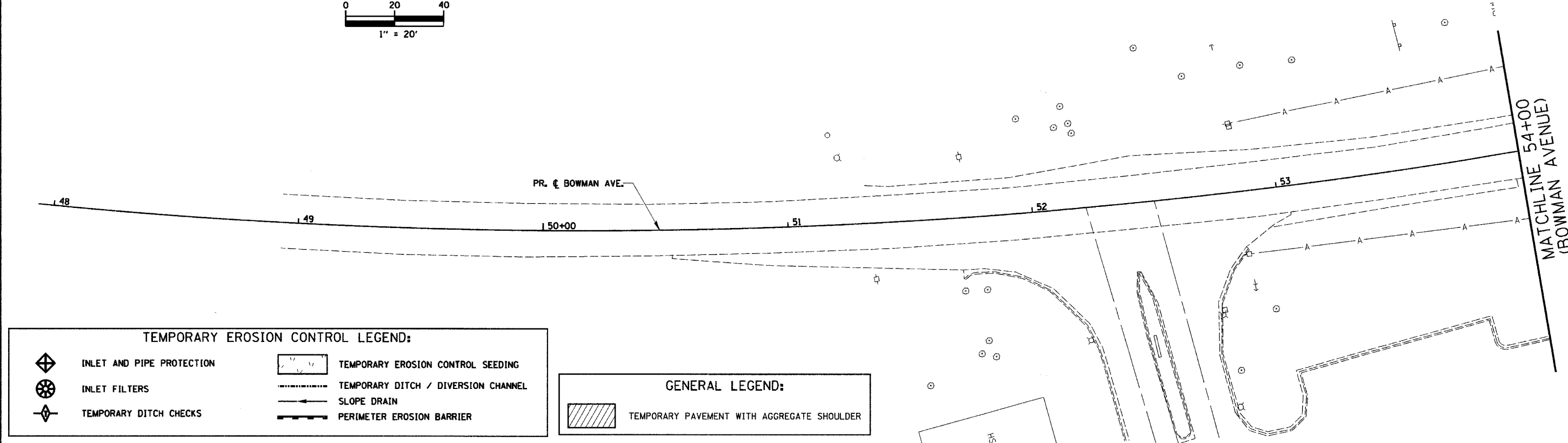
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 3
WINTER AVENUE/BICYCLE PATH
STA. 151+00 TO STA. 157+00
SCALE: 1" = 20' DATE: 12/21/06
DRAWN BY: MLS CHECKED BY: MBF

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	198
STA. 48+00		TO STA. 60+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		
CONTRACT NO.: 91358				



PLAN	SURVEYED	BY	DATE
	DESIGNED		
	CHECKED		
	REVISIONS		
	NO. OF WAYS CHECKED		
	FIELD FILE NAME		

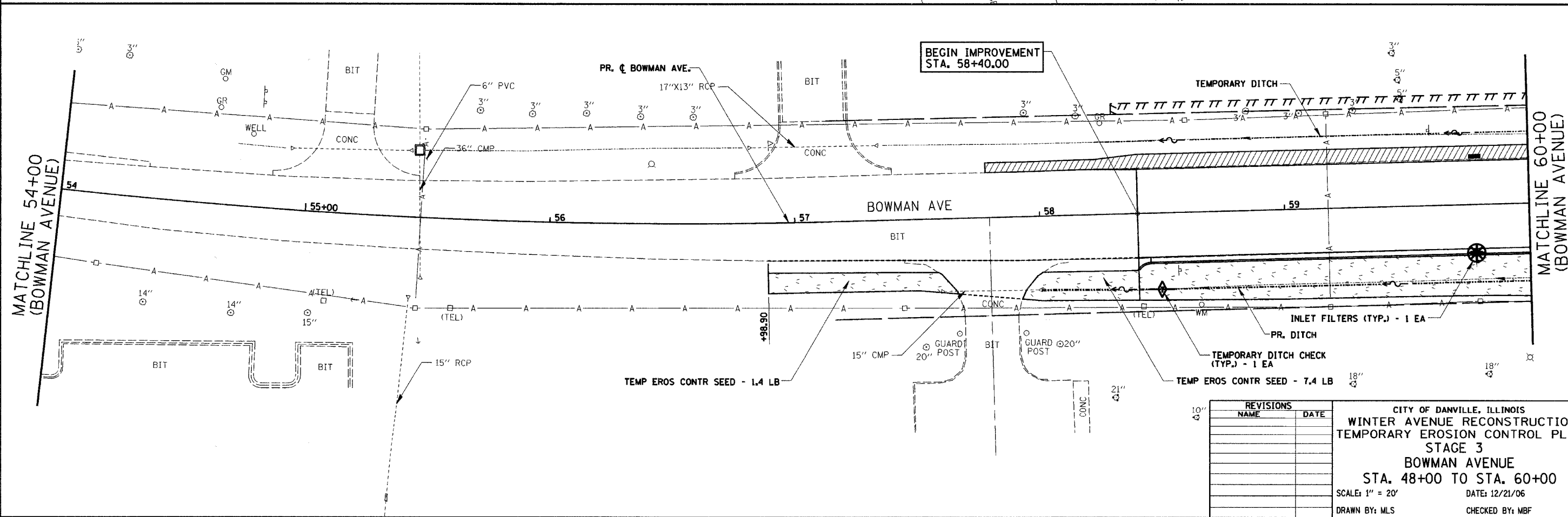


TEMPORARY EROSION CONTROL LEGEND:

	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER

GENERAL LEGEND:

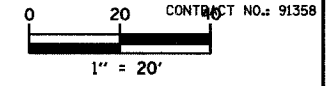
	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER
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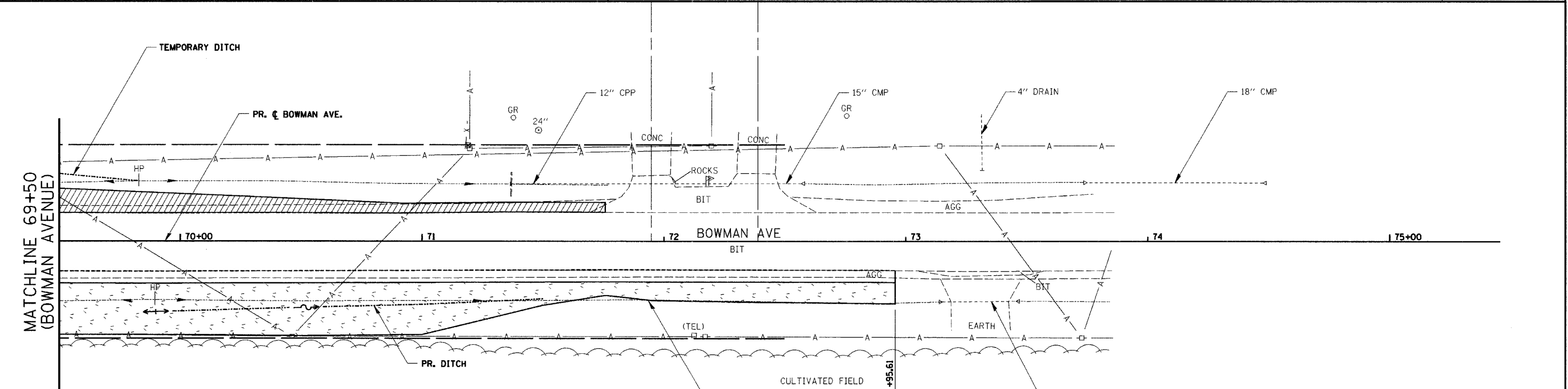
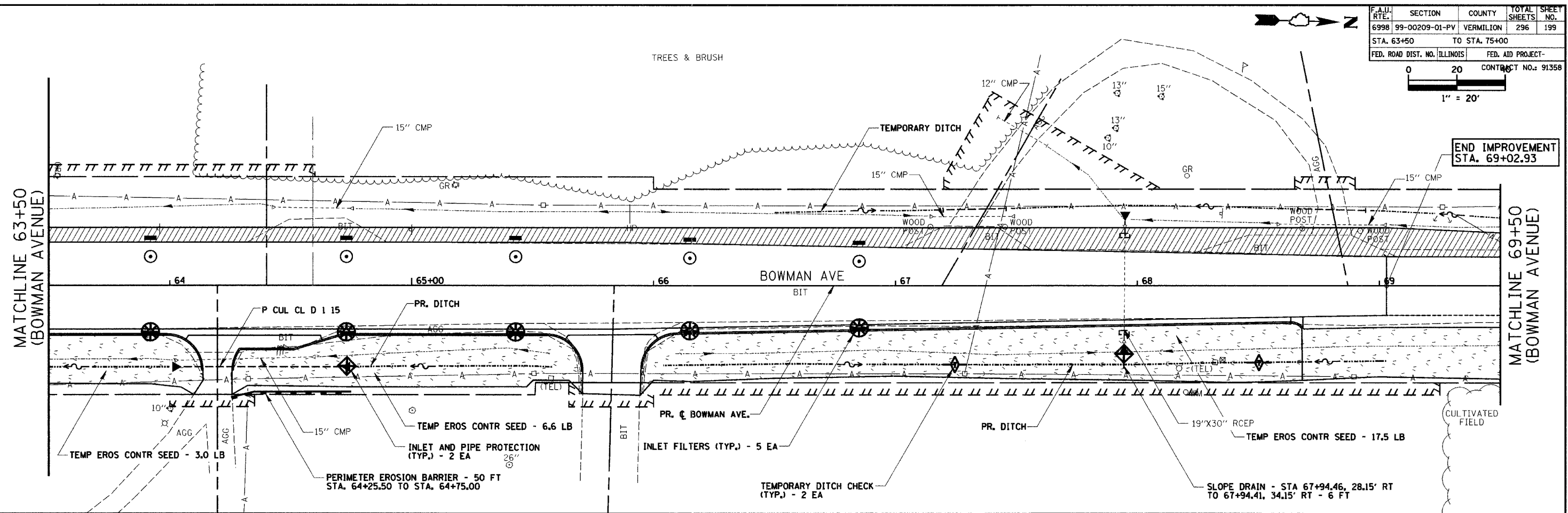
REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 3
BOWMAN AVENUE
STA. 48+00 TO STA. 60+00
 SCALE: 1" = 20' DATE: 12/21/06
 DRAWN BY: MLS CHECKED BY: MBF

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	199
STA. 63+50		TO STA. 75+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT-		



PLAN	SURVEYED	DATE
	BY	
	NOTED	
	PLANNED	
	DESIGNED	
	CHECKED	
	BY	
	DATE	
	NO.	



TEMPORARY EROSION CONTROL LEGEND:

	INLET AND PIPE PROTECTION		TEMPORARY EROSION CONTROL SEEDING
	INLET FILTERS		TEMPORARY DITCH / DIVERSION CHANNEL
	TEMPORARY DITCH CHECKS		SLOPE DRAIN
			PERIMETER EROSION BARRIER

GENERAL LEGEND:

	TEMPORARY PAVEMENT WITH AGGREGATE SHOULDER
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REVISIONS

NAME	DATE

CITY OF DANVILLE, ILLINOIS
WINTER AVENUE RECONSTRUCTION
TEMPORARY EROSION CONTROL PLAN
STAGE 3
BOWMAN AVENUE
STA. 63+50 TO STA. 75+00
 SCALE: 1" = 20'
 DATE: 12/21/06
 DRAWN BY: MLS
 CHECKED BY: MBF

