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- 720011-01 METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
- 720021-02 SIGN PANELS, EXTRUDED ALUMINUM TYPE
- 780001-05 TYPICAL PAVEMENT MARKINGS
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- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE

DESIGN DESIGNATION - MINOR ARTERIAL

DESIGN SPEED = 50 MPH

6000N (BOURBONNAIS PARKWAY) - STA. 53+00 TO STA. 62+50

2014 ADT = 856 M.U. 5% S.U. 10% P.V. 85%

DESIGN 2034 ADT = 11700 M.U. 5% S.U. 10% P.V. 85%

SEE SHEET 2 FOR PAVEMENT DESIGN

CONTRACT NO. 87398

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

HPP FUNDING
VILLAGE OF BOURBONNAIS
6000N (BOURBONNAIS PARKWAY)
SECTION 04-00066-00-WR
PROJECT NO. HPP-4066 (002)
JOB NO. C-93-108-09



LOCATION OF SECTION INDICATED THUS: [Symbol]

PREPARED IN ACCORDANCE
WITH THE POLICIES OF THE
LOCAL ROADS MANUAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

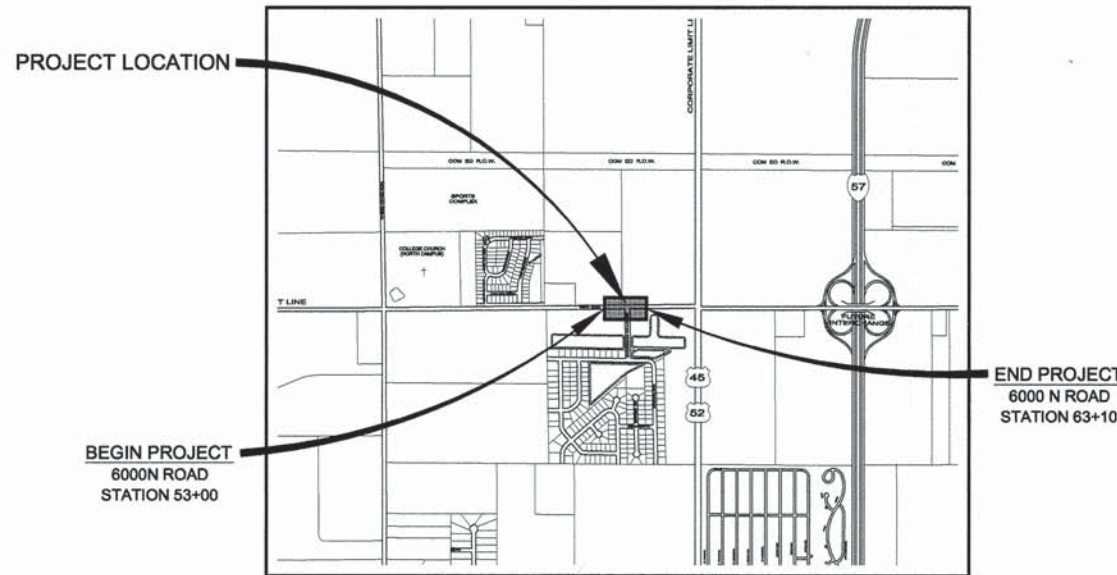
APPROVED Paul Schre, 20 14
VILLAGE PRESIDENT, VILLAGE OF BOURBONNAIS

PASSED David R. E..., 20 14
DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID
BASED ON LIMITED REVIEW Paul A. L..., 20 14
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER



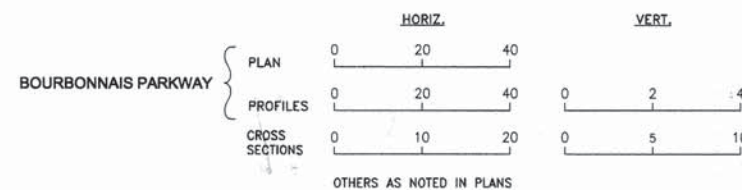
STEVEN R. MCBURNEY, 10-28-14
P.E.# 062-058252 DATE
EXPIRATION DATE OF P.E. LICENSE: 11-30-15



LOCATION MAP
NOT TO SCALE

GROSS LENGTH OF IMPROVEMENT = 950 FEET = 0.18 MILES
NET LENGTH OF IMPROVEMENT = 950 FEET = 0.18 MILES

STANDARD SCALES



CALL J.U.L.I.E. BEFORE YOU DIG
(Joint Utility Locating Information For Excavators)
PH.# 1-800-892-0123

REVISIONS				
NO.	DATE	BY	GENERAL DESCRIPTION	SHEETS CHANGED
1	3/25/14	NRD	PER I.D.O.T. REVIEW	ALL

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	1

CONTRACT NO. 87398
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226
** 04-00066-00-WR

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Contractor shall be responsible for verifying all dimensions.
Information herein and herein is confidential.

TYSON ENGINEERING
367 South Schuyler Avenue
Kankakee, Illinois 60901
Phone (815) 932-7406

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

COVER SHEET,
INDEX OF SHEETS
AND STANDARDS

VILLAGE OF BOURBONNAIS
6000 NORTH ROAD
IMPROVEMENTS
PHASE I
BOURBONNAIS, ILLINOIS

SECTION 04-00066-00-WR	
DATE: 2/14/14	JOB NO. E09108
SCALE: N/A	FILE NO.
DRAWN BY: NRD	SHEET 1
CHECKED BY: SRM	21

GENERAL NOTES

THE WORK UNDER THIS CONTRACT CONSISTS OF THE FOLLOWING:

- DATUM USED FOR SURVEY IS U.S.G.S.
- ALL STATIONING IS ALONG CENTERLINE OF ROADWAY, EXCEPT AS OTHERWISE NOTED.
- ACCESS TO ENTRANCES - ACCESS TO ENTRANCES SHALL BE MAINTAINED BY THE USE OF TEMPORARY SURFACE AGGREGATE IN ACCORDANCE WITH ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS. HOWEVER THE COST OF FURNISHING, PLACING AND REMOVING THE TEMPORARY SURFACE AGGREGATE WILL BE PAID FOR AT THE CONTRACT PRICE PER SQ.YD. FOR AGGREGATE SURFACE COURSE TYPE A AND NO OTHER COMPENSATION WILL BE ALLOWED.
- THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATION FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL EXCAVATION UNDER PAVEMENT, SIDEWALK, AND CURB & GUTTER SHALL BE BACKFILLED AND COMPACTED WITH MATERIAL MEETING THE REQUIREMENTS OF SECTION 209. SEPARATE PAYMENT FOR TRENCH BACKFILL SHALL BE MADE ONLY WHEN SPECIFIED IN THE PLANS.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- ALL SAWCUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 2 INCHES, UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE.
- ALL REQUIRED SAW CUTTING SHALL BE INCIDENTAL TO THE REMOVAL PAY ITEM INVOLVED.
- FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS FOR THE HANDICAPPED (STD 2356) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- ABANDONED UNDERGROUND UTILITY ITEMS WHICH CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED.
- ALL WATER MAINS SHALL BE PROTECTED FROM CONTAMINATION. STATE CODE SECTION 653.119 EXPLAINS THE METHODS OF PROTECTION AND WHEN THEY ARE REQUIRED.
- PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACES OF NEW CONCRETE ACCORDING TO ARTICLES 420.18 AND/OR 503.19 OF THE STANDARD SPECIFICATIONS.
- THERMOPLASTIC PAVEMENT MARKINGS AND PAINT STRIPING QUANTITIES ARE APPROXIMATE ONLY. PAYMENT WILL BE MADE FOR ACTUAL QUANTITIES USED AS MEASURED IN THE FIELD.
- THE FOLLOWING UTILITY COMPANIES HAVE UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. ADJUSTMENT OF UTILITY LOCATIONS WILL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED ON THE PLANS.

PAVEMENT DESIGN

6000N (BOURBONNAIS PARKWAY)

Class II, 2-lane pavement
 D.P. - 20 years
 Design Traffic
 Existing ADT: 850 1% growth
 Proposed ADT: 11,700
 PV (85%): 9945 SU (10%): 1170 MU (5%): 585
 80,000 pound load limit
 Critical subgrade Eri: 3ksi
 T.F. = D.P. (0.073PV+56.03SU+192.72MU)
 1,000,000

T.F. = 3.580
 Subgrade support rating: fair
 use PG 64-28 for surface and binder
 use pg 58-22 for base
 mixture temperature: 78.5
 Eac: 585
 design strain: 71
Pavement thickness required: 11.7"

USE: 11.75"

UTILITY	STATUS OF RELOCATION		
	DATE		
POWER COMMONWEALTH EDISON CO. 2500 SOUTH GOVERNORS HIGHWAY UNIVERSITY PARK, IL 60466	PRELIMINARY PLANS SET FINAL PLAN SET	9/28/09 10/30/09	RELOCATION PRIOR TO CONSTRUCTION
TELEPHONE AT&T 65 WEST WEBSTER JOLIET, IL 60431	PRELIMINARY PLANS SET FINAL PLAN SET	9/28/09 10/30/09	RELOCATION PRIOR TO CONSTRUCTION
CABLE TV COMCAST 17700 HOFFMAN WAY HOMEWOOD, IL 60430	PRELIMINARY PLANS SET FINAL PLAN SET	9/28/09 10/30/09	RELOCATION PRIOR TO CONSTRUCTION
GAS NORTHERN ILLINOIS GAS CO. 1844 FERRY ROAD NAPERVILLE, IL 60563	PRELIMINARY PLANS SET FINAL PLAN SET	9/28/09 10/30/09	RELOCATION PRIOR TO/ DURING CONSTRUCTION
WATER AQUA ILLINOIS 1000 SOUTH SCHUYLER AVE. KANKAKEE, IL 60901	PRELIMINARY PLANS SET FINAL PLAN SET	9/28/09 10/30/09	RELOCATION PRIOR TO CONSTRUCTION

LEGEND

- IRON ROD RECOVERED
- ⊗ RIGHT-OF-WAY MARKER
- IRON PIPE RECOVERED
- ⊗ PK NAIL RECOVERED
- EXIST. MAILBOX
- ↑ EXIST. FLAG POLE
- ↑ EXIST. GUY WIRE
- ⊗ EXIST. POWER POLE
- ⊗ EXIST. STREET LIGHT
- ⊗ EXIST. LIGHT POLE
- ⊗ EXIST. TELEPHONE PEDESTAL
- ⊗ EXIST. GAS VALVE
- ⊗ EXIST. FIRE HYDRANT
- ⊗ EXIST. WATER VALVE
- ⊗ EXIST. BUFFALO BOX
- ⊗ EXIST. WATER METER
- ▽ EXIST. FLARED END SECTION
- ⊗ EXIST. INLET
- ⊗ EXIST. MANHOLE
- ⊗ EXIST. STOP SIGN
- ⊗ EXIST. SIGN
- ~ EXIST. DITCH FLOW LINE
- ~ EXIST. SWALE FLOW LINE
- GRADE
- ⊗ EXIST. TREE/PINE
- ⊗ EXIST. BUSH
- ⊗ EXIST. TREE STUMP, SIZE
- - - EXIST. CULVERT
- - - EXIST. WATER
- - - EXIST. STORM SEWER
- - - EXIST. SANITARY SEWER
- - - EXIST. FENCE
- - - EXIST. EDGE OF PAVEMENT & SIDEWALK
- ==== EXIST. CURB & GUTTER
- - - EXIST. RIGHT OF WAY
- ⊗ (680.70) NEW SPOT ELEVATION
- ⊗ NEW MANHOLE
- ⊗ NEW INLET
- ▶ NEW FLARED END SECTION
- - - NEW STORM SEWER
- - - NEW EASEMENT
- - - NEW RIGHT OF WAY
- ==== NEW CURB & GUTTER
- ⊗ DETECTABLE WARNINGS FOR CURB RAMPS ON SIDEWALKS
- X REMOVE OBJECT

HMA TABLE			
	HMA Binder	HMA Surface	HMA BASE COURSE, 8"
PG Grade**	PG64-22	PG64-22	PG64-22
Design Air Voids	4.0% @ N50	4.0% @ N50	4.0% @ N50
Mixture Composition	IL 19.0FG	IL 9.5	IL 19.0FG
Friction Aggregate	-	Mixture C	
Density Test Method	Cores	Cores	Cores

* Material shall be compacted to 93.0-97.4 percent of the maximum theoretical density, except that when placed as first lift on an unimproved subgrade the minimum percent compaction shall be 92.0 percent. The maximum theoretical density shall be determined from the moving average as specified in the QC/QA Specification.
 ** When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25% ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to PG58-28).

F.A.D. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	KANKAKEE	21	2

CONTRACT NO. 04-00066-00-WR

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226
 ** 04-00066-00-WR

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1	3/25/14	NRD	PER I.D.O.T. REV.

GENERAL NOTES,
 PAVEMENT DESIGN
 AND LEGEND


VILLAGE OF BOURBONNAIS
**6000 NORTH ROAD
 IMPROVEMENTS
 PHASE I**
 BOURBONNAIS, ILLINOIS

SECTION
 04-00066-00-WR

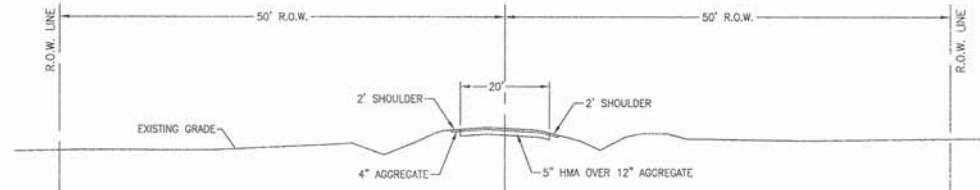
DATE: 2/14/14	JOB NO. E09108
SCALE: N/A	FILE NO.
DRAWN BY: NRD	SHEET 2
CHECKED BY: SRM	21

SUMMARY OF QUANTITIES			
PAY ITEM NUMBER	ITEM	PLAN QUANTITY	UNIT
* 20200100	Earth Excavation	2,145	CU YD
20201200	Removal and Disposal of Unsuitable Material	3,277	CU YD
20400800	Furnished Excavation	8,734	CU YD
21001000	Geotechnical Fabric for Ground Stabilization	3,449	SQ YD
* 25000210	Seeding, Class 2A	2.30	ACRE
25100125	Mulch, Method 3	2.30	ACRE
25100630	Erosion Control Blanket	1,900	SQ YD
28000250	Temporary Erosion Control Seeding	255.0	POUND
28000400	Perimeter Erosion Barrier	693	FOOT
28000500	Inlet and Pipe Protection	12	EACH
* 30300112	Aggregate Subgrade Improvement 12"	3095	SQ YD
35101800	Aggregate Base Course, Type B 6"	407	SQ YD
35102200	Aggregate Base Course, Type B 10"	330	SQ YD
35501316	Hot-Mix Asphalt Base Course, 8"	2,822	SQ YD
40603082	Hot-Mix Asphalt Binder Course, IL-19.0 FG, N50	440	TON
40603310	Hot-Mix Asphalt Surface Course, Mix "C", N50	424	TON
42300400	Portland Cement Concrete Driveway Pavement, 8 inch	89	SQ YD
42400100	Portland Cement Concrete Sidewalk 4 inch	4120	SQ FT
* 42400800	Detectable Warnings	80	SQ FT
44000100	Pavement Removal	2230	SQ YD
44000500	Combination Curb and Gutter Removal	128	FOOT
48100500	Aggregate shoulders, Type A 6"	144	SQ YD
54001001	Box Culvert End Sections, Culvert No. 1	2	EACH
54010903	Precast Concrete Box Culverts 9' X 3'	120	FOOT
542D0217	Pipe Culverts, Class D, Type 1 12"	888	FOOT
550A0050	Storm Sewers, Class A, Type 1 12"	194	FOOT
550A0190	Storm Sewers, Class A, Type 1 48"	699	FOOT
55101200	Storm Sewer Removal 24"	1,147	FOOT
* 60223800	Manholes, Type A, 6'-Diameter, Type 1 Frame, Closed Lid	3	EACH
* 60224459	Manholes, Type A, 8'-Diameter, Type 1 Frame, Closed Lid	1	EACH
60234200	Inlets, Type A, Type 1 Frame, Open Lid	2	EACH
60235700	Inlets, Type A, Type 3 Frame and Grate	3	EACH
60240210	Inlets, Type B, Type 1 Frame, Open Lid	1	EACH
60240220	Inlets, Type B, Type 3 Frame and Grate	1	EACH
60255500	Manholes to be Adjusted	2	EACH
* 60266600	Valve Boxes to be Adjusted	2	EACH
60500040	Removing Manholes	6	EACH
60603800	Combination Concrete Curb and Gutter, Type B-6.12	208	FOOT
60605000	Combination Concrete Curb and Gutter, Type B-6.24	620	FOOT
67100100	Mobilization	1.00	L SUM
70103815	Traffic Control Surveillance	60	CAL DA
70300220	Temporary Pavement Marking-Line, 4"	1,290	FOOT
70301000	Work Zone Pavement Marking Removal	337	SQ FT
△ 78000100	Thermoplastic Pavement Marking - Letters and Symbols	31	SQ FT
△ 78000400	Thermoplastic Pavement Marking - Line 6"	1518	FOOT
△ 78000600	Thermoplastic Pavement Marking - Line 12"	270	FOOT
△ 78000650	Thermoplastic Pavement Marking - Line 24"	26	FOOT
* X2080250	Trench Backfill, Special	133	CU YD
* X4060110	Bituminous Materials (Prime Coat)	635	POUND
* X5010523	Remove Concrete End Section	3	EACH
* X6023506	Inlets, Type A, With Special Frame, Open Lid	2	EACH
* X6023508	Inlets, Type A, With Special Frame and Grate	2	EACH
* X6024502	Inlets, Type B, With Special Frame and Grate	2	EACH
* X7010216	Traffic Control and Protection, (Special)	1.00	L SUM
* X7240500	Relocate Existing Signs	2	EACH
X6026051	Sanitary Mahole to be Reconstructed	1	EACH

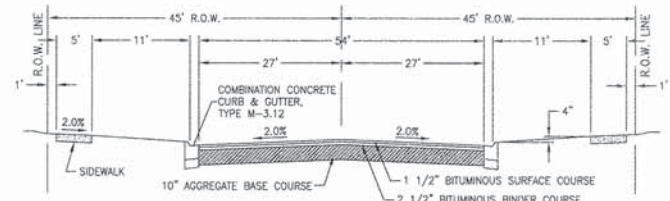
* See Special Provisions
 △ Specialty Item
 Construction Code: 0004

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																												
*	**	KANKAKEE	21	3																												
CONTRACT NO. 87398																																
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT																														
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<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3/25/14</td> <td>NRD</td> <td>PER I.D.O.T. REV.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					REVISIONS				NO.	DATE	BY	DESCRIPTION	1	3/25/14	NRD	PER I.D.O.T. REV.																
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1	3/25/14	NRD	PER I.D.O.T. REV.																													
SUMMARY OF QUANTITIES																																
PROJECT: VILLAGE OF BOURBONNAIS 6000 NORTH ROAD IMPROVEMENTS PHASE I BOURBONNAIS, ILLINOIS																																
SECTION 04-00066-00-WR																																
DATE:	2/14/14	JOB NO.	E09108																													
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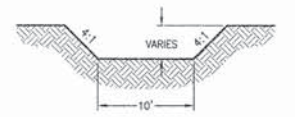
TYPICAL EXISTING ROADWAY CROSS SECTION



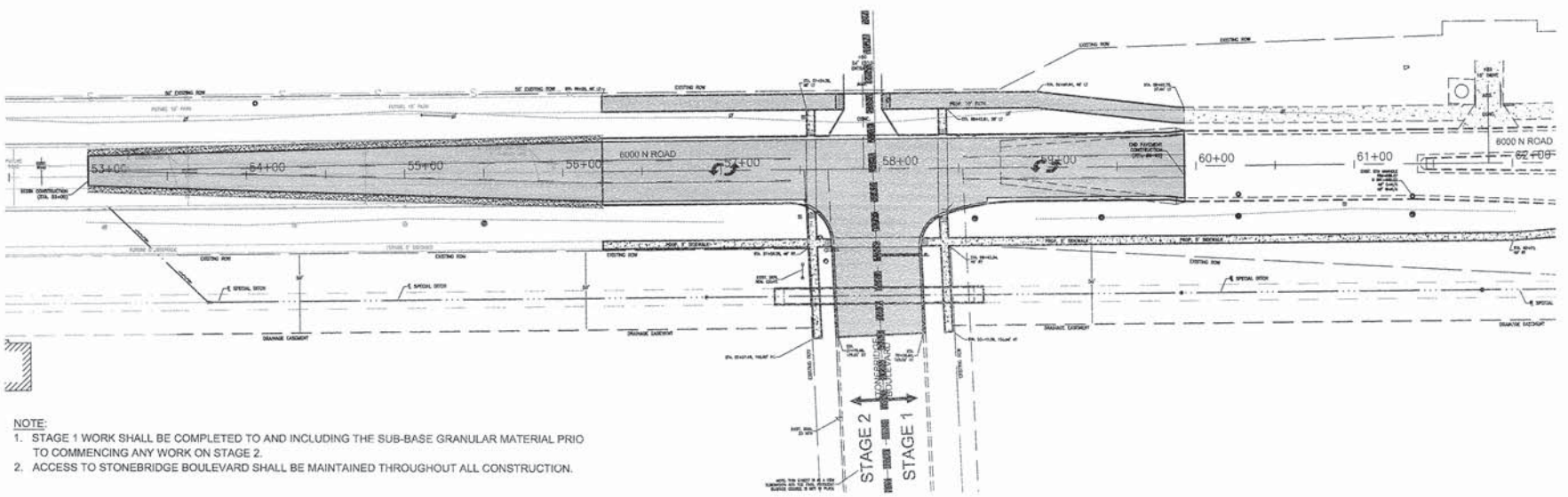
6000N (BOURBONNAIS PARKWAY) - STA. 53+00 TO STA. 59+95
NOT TO SCALE



STONEBRIDGE BOULEVARD TYPICAL PAVEMENT SECTION
NOT TO SCALE



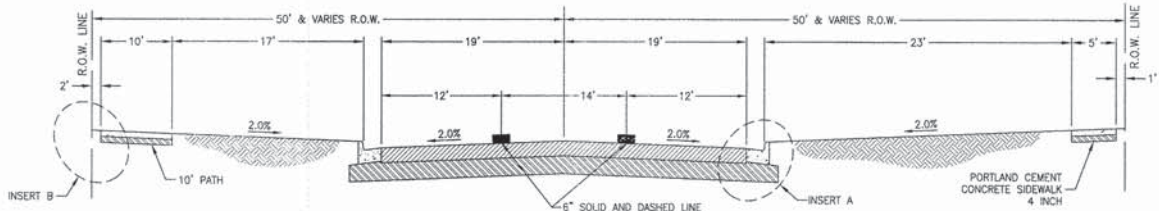
SPECIAL DITCH CROSS-SECTION
NOT TO SCALE



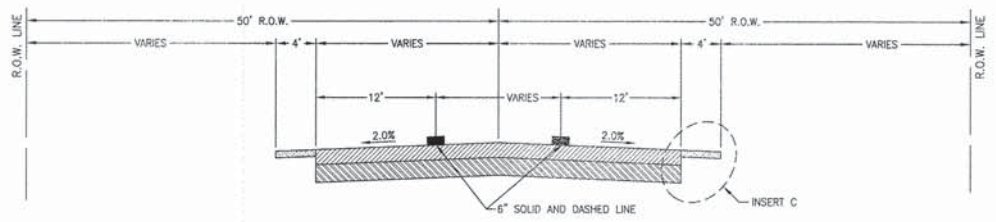
NOTE:
1. STAGE 1 WORK SHALL BE COMPLETED TO AND INCLUDING THE SUB-BASE GRANULAR MATERIAL PRIO TO COMMENCING ANY WORK ON STAGE 2
2. ACCESS TO STONEBRIDGE BOULEVARD SHALL BE MAINTAINED THROUGHOUT ALL CONSTRUCTION.

STAGING DIAGRAM
(NOT TO SCALE)

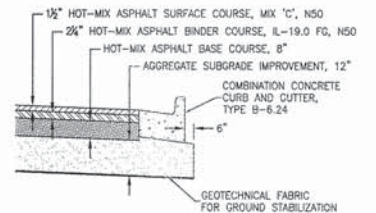
TYPICAL PROPOSED ROADWAY CROSS SECTIONS



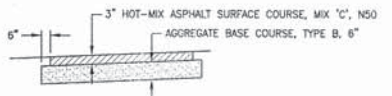
6000N (BOURBONNAIS PARKWAY) - STA. 56+25 TO STA. 59+95
NOT TO SCALE



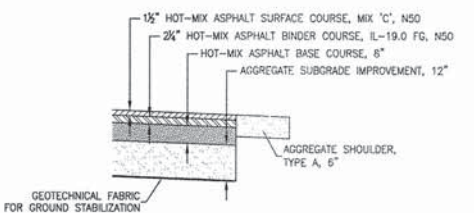
6000N (BOURBONNAIS PARKWAY) - STA. 53+00 TO STA. 56+25
NOT TO SCALE



INSERT A
NOT TO SCALE



INSERT B (PATH)
NOT TO SCALE



INSERT C
NOT TO SCALE

F.A.M. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	4

CONTRACT NO. 87398

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226

** 04-00066-00-WR

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Tyson ENGINEERING
367 South Schuler Avenue
Kankakee, Illinois 60901
Phone (815) 932-7408

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.Q.T. REV.

TYPICAL ROADWAY CROSS SECTIONS

**VILLAGE OF BOURBONNAIS
6000 NORTH ROAD
IMPROVEMENTS
PHASE I
BOURBONNAIS, ILLINOIS**

SECTION
04-00066-00-WR

DATE: 2/14/14 JOB NO. E09108

SCALE: N/A FILE NO.

DRAWN BY: NRD SHEET 4

CHECKED BY: SRM SHEET 21

COUNTY KANKAKEE
 TOTAL SHEETS 21
 SHEET NO. 5
 CONTRACT NO. 87398
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * FAU6226
 ** 04-0006-00-WR
 Tyson Engineering Inc.
 967 South Schuler Avenue
 Kankakee, Illinois 60901
 Phone (815) 932-7406

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

SCHEDULE OF QUANTITIES
**VILLAGE OF BOURBONNAIS
 6000 NORTH ROAD
 IMPROVEMENTS
 PHASE I**
 BOURBONNAIS, ILLINOIS

SECTION
 04-00066-00-WR

DATE: 2/14/14 JOB NO. E09108
 SCALE: N/A FILE NO.
 DRAWN BY: NRD SHEET 5
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LOCATION	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)	AGGREGATE SUBGRADE 12" (SQ YD)	AGGREGATE BASE COURSE TYPE B		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8" (SQ YD)	AGGREGATE SHOULDERS TYPE A 6" (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER		HOT-MIX ASPHALT BASE COURSE 7" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50 (TON)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50 (TON)
			6"	10"			TYPE B-6.12 (FOOT)	TYPE B-6.24 (FOOT)			
			(SQ YD)	(SQ YD)							
STA 53+00 TO 58+25	1065	1065				144			1029	115	144
STA 56+25 TO 57+44	582	582						238	502	56	70
STA 56+25 TO 57+73 LT			180							37	
STA 57+44 TO 58+90	944	944					99	176	856	96	120
STA 57+90 LT					89						
STA 57+98 RT	354			330			110			36	45
STA 58+07 TO 59+93 LT			227							35	
STA 58+90 TO 59+93	504	504					206		435	49	61
TOTAL	3449	3095	407	330	89	144	206	620	2822	424	440

LOCATION	EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EMBANKMENT (CU YD)	
STA 53+00 TO 62+50	2145	3277	8783	BOURBONNAIS PARKWAY
TOTAL	2145	3277	8783	

LOCATION	PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB & GUTTER REMOVAL (FOOT)	STORM SEWER REMOVAL 24" (FOOT)	REMOVING MANHOLES (EACH)	REMOVE CONCRETE FLARED END SECTIONS (EACH)
STA 53+00 TO 59+93	1540				
STA 53+20 - 27 RT				1	
STA 53+20 TO 57+23 RT			403		
STA 57+16 - 24 RT					1
STA 57+16 TO 57+23 RT			9		
STA 57+23 - 37 RT				1	
STA 57+23 TO 57+70 RT			78		
STA 57+23 TO 58+67 RT			144		
STA 57+70 - 100 RT				1	
STA 57+70 RT		65			
STA 57+70 TO 58+27 RT			57		
STA 57+97 RT	690				
STA 58+27 RT		53			
STA 58+27 - 96 RT				1	
STA 58+27 TO 58+67 RT			70		
STA 58+67 - 38 RT				1	
STA 58+67 TO 62+24 RT			357		
STA 58+67 TO 58+73 RT			9		
STA 58+73 - 24 RT					1
STA 59+88 TO 59+93 LT		5			
STA 59+88 TO 59+93 RT		5			
STA 62+24 - 45 RT				1	
STA 62+24 TO 62+46 RT			20		
STA 62+46 - 30 RT					1
TOTAL	2230	128	1147	6	3

LOCATION	THERMOPLASTIC PAVEMENT MARKING			
	LETTERS AND SYMBOLS (SQ FT)	LINE 6" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)
STA 53+85 TO 56+25		564		LINE YELLOW
STA 56+25 TO 57+50 LT		156		LINE YELLOW
STA 56+25 TO 57+50 RT		156		LINE YELLOW
STA 57+57		84	78	CROSS WALK WHITE
STA 57+97 RT		108	102	26 CROSS WALK WHITE & STOP BAR
STA 58+40		92	90	CROSS WALK WHITE
STA 58+50 TO 59+93 LT		179		LINE YELLOW
STA 58+50 TO 59+93 RT		179		LINE YELLOW
STA 59+00	31.2			DOUBLE ARROW WHITE
TOTAL	31.2	1518	270	26

LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 4" (SQ FT)	DETECTABLE WARNINGS (SQ FT)
STA 56+25 TO 57+99 RT	720	8
STA 57+57 RT	405	8
STA 57+57 LT	80	8
STA 57+73 TO 57+78 LT	50	16
STA 58+02 TO 58+07 LT	50	16
STA 58+26 TO 63+00 RT	2370	8
STA 58+40 RT	365	8
STA 58+40 LT	80	8
TOTAL	4120	80

LOCATION	EROSION CONTROL BLANKET (SQ YD)	TEMP. EROSION CONTROL SEEDING (POUND)	PERIMETER EROSION BARRIER (FOOT)	INLET AND PIPE PROTECTION (EACH)
STA 53+00 TO 62+50	1900	255		
STA 53+00 TO 59+93 LT			693	
STA 53+75 RT				1
STA 56+90 RT				1
STA 58+00 RT				4
STA 58+60				2
STA 59+80				2
STA 59+90 RT				1
STA 61+80 RT				1
TOTAL	1900	255	693	12

LOCATION	MANHOLES TO BE ADJUSTED (EACH)	VALVE BOXES TO BE ADJUSTED (EACH)	SANITARY MANHOLE TO BE RECONSTRUCTED (EACH)	RELOCATE EXISTING SIGNS (EACH)
STA 57+65 - 58RT	1			
STA 58+06 - 44LT	1		1	
STA 58+29 - 54RT				1 STOP
STA 58+42 - 45RT		1		
STA 58+43 - 29LT		1		
STA 59+35 - 24RT				1 SPEED LIMIT 45MPH
STA 61+68 - 46LT				
STA 61+98 - 40LT				
TOTAL	2	2	1	2


LOCATION	PRECAST CONCRETE BOX CULVERTS 9"x3" (FOOT)	PIPE CULVERTS CLASS D, TYPE 1 12" (FOOT)	STORM SEWER, CLASS A, TYPE 1 12" (FOOT)	48" (FOOT)	BOX CULVERT END SECTIONS CULVERT NO. 1 (EACH)
STA 53+75 TO 56+90 RT			315		
STA 55+50 TO 58+60 RT					310
STA 56+90 TO 59+90 RT			300		
STA 57+33 TO 58+65 RT	120				2
STA 58+00 RT				80	
STA 58+60				62	
STA 58+60 TO 59+40 RT					80
STA 59+40				72	
STA 59+40 TO 60+23 RT					83
STA 59+90 TO 61+80 RT			190		
STA 60+23				14	
STA 60+23 TO 61+37 RT					114
STA 61+37				12	
STA 61+37 TO 62+49 RT					112
STA 61+80 TO 62+56 RT			83		
TOTAL	120	888	240	699	2

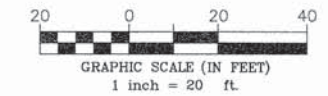
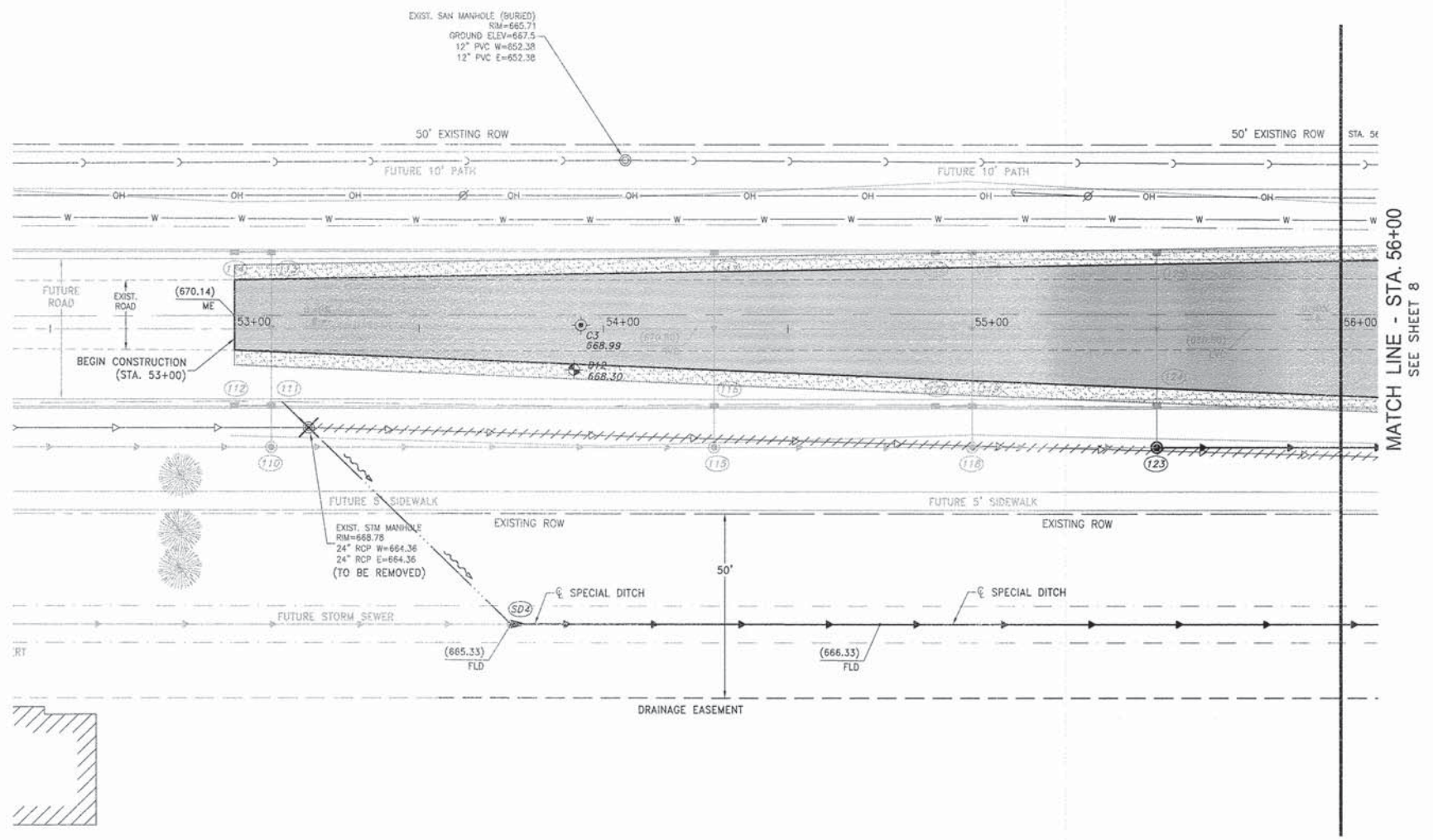
LOCATION	SEEDING CLASS 2A (ACRE)	MULCH METHOD 3 (ACRE)
STA 53+00 TO 59+93 LT	0.45	0.45
STA 53+00 TO 57+68 RT	0.95	0.95
STA 58+26 TO 62+73 RT	0.90	0.90
TOTAL	2.30	2.30

LOCATION	TRENCH BACKFILL SPECIAL (CU YD)	
STA 57+53 TO 58+45 - 32 RT	95	STONEBRIDGE
STA 57+53 TO 57+62 - 80 RT	8	SIDEWALK
STA 57+68 TO 58+28 - 80 RT	12	STONEBRIDGE
STA 57+70 TO 58+26 - 89 RT	3	STONEBRIDGE
STA 58+36 TO 58+45 - 80 RT	8	SIDEWALK
STA 58+60	3	6000N
STA 59+40	4	6000N
TOTAL	133	

STORM SEWER STRUCTURE SCHEDULE

- 1-122) NOT USED
- 123) STA: 55+50 32' RT
 6' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
 T/RIM = 670.63
 12" N FL IN = 666.52 - 8' STUB
 48" W FL IN = 664.68 - 8' STUB
 48" E FL OUT = 664.68
 123-124: 12 LF 12" RCP @ 1.00%
 123-118: 50 LF 48" RCP @ 0.09%
- 124-125) NOT USED
- 126) STA: 58+27 90' RT
 3' DIA. TYPE 'B' INLET W/SPECIAL FRAME AND GRATE
 EOP = 669.30
 12" S FL IN = 666.36
 12" W FL IN = 666.04
 12" N FL OUT = 666.04
 126-127: 10 LF 12" RCP @ 1.00%
 126-128: 55 LF 12" RCP @ 0.50%
- 126A) STA: 58+27 85' RT
 CONNECT TO 9' x 3' BOX
 INV = 665.99
 126A-126: 5 LF 12" RCP @ 1.00%
- 127) STA: 58+27 100' RT
 2' DIA. TYPE 'A' INLET W/SPECIAL FRAME AND GRATE
 EOP = 669.46
 12" N FL OUT = 666.46
- 128) STA: 57+72 88' RT
 3' DIA. TYPE 'B' INLET W/SPECIAL FRAME AND GRATE
 EOP = 669.21
 12" S FL IN = 666.31
 12" E FL OUT = 666.31
 128-129: 10 LF 12" RCP @ 1.00%
- 129) STA: 57+72 98' RT
 2' DIA. TYPE 'A' INLET W/SPECIAL FRAME AND GRATE
 EOP = 669.21
 12" E FL OUT = 666.41
- 130) STA: 58+60 32' RT
 6' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
 T/RIM = 670.25
 12" N FL IN = 665.97
 48" W FL IN = 664.40
 48" E FL OUT = 664.36
 130-131: 52 LF 12" RCP @ 1.00%
 130-123: 310 LF 48" RCP @ 0.09%
- 131) STA: 58+60 20' LT
 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
 EOP = 669.53
 12" W FL IN = 666.49
 12" S FL OUT = 666.49
 131-132: 10 LF 12" RCP @ 1.00%
- 132) STA: 58+50 20' LT
 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
 EOP = 669.59
 12" E FL OUT = 666.59
- 133) STA: 59+40 32' RT
 6' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
 T/RIM = 670.15
 12" N FL IN = 665.68
 48" W FL IN = 664.29
 48" E FL OUT = 664.21
 133-134: 12 LF 12" RCP @ 1.00%
 133-130: 80 LF 48" RCP @ 0.09%
- 134) STA: 59+40 20' RT
 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
 EOP = 669.30
 12" W FL IN = 666.20
 12" N FL IN = 665.80
 12" S FL OUT = 665.80
 134-135: 40 LF 12" RCP @ 1.00%
 134-138: 10 LF 12" RCP @ 1.00%
- 135) STA: 59+40 20' LT
 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
 EOP = 666.30
 12" W FL IN = 666.20
 12" S FL OUT = 666.20
 135-137: 102 LF 12" RCP @ 1.00%
- 136) STA: 60+23 32' RT
 6' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
 T/RIM = 669.96
 12" N FL IN = 665.16
 48" W FL IN = 664.14
 48" E FL OUT = 664.14
 136-EXIST: 14 LF 12" RCP @ 0.50%
 136-133: 83 LF 48" RCP @ 0.09%
- 137) STA: 59+30 20' LT
 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
 EOP = 669.30
 12" E FL OUT = 666.55
- 138) STA: 59+30 20' RT
 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
 EOP = 669.30
 12" E FL OUT = 666.30
- 139) STA: 61+37 32' RT
 6' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME AND CLOSED LID
 T/RIM = 670.21
 12" N FL IN = 664.96
 48" E FL OUT = 664.04
 139-EXIST: 12 LF 12" RCP @ 0.50%
 139-136: 114 LF 48" RCP @ 0.09%
- 140-143) NOT USED
- 144) STA: 62+49 32' RT
 8' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
 T/RIM = 670.46
 48" W FL IN = 663.93
 EX. 48" N FL OUT = 663.86
 144-139: 112 LF 48" RCP @ 0.10%
- SD1-SD3) NOT USED
- SD4) STA: 53+75 80' RT
 12" METAL END SECTION
 12" E INV = 663.16
- SD5) STA: 56+90 80' RT
 2' DIA. TYPE 'A' INLET W/TYPE 1 SPECIAL FRAME, OPEN LID
 T/RIM = 664.18
 12" W FL IN = 662.22
 12" E FL OUT = 662.22
 SD5-SD4: 315 LF 12" HDPE @ 0.30%
- SD6) STA: 59+90 80' RT
 2' DIA. TYPE 'A' INLET W/TYPE 1 SPECIAL FRAME, OPEN LID
 T/RIM = 663.23
 12" W FL IN = 661.32
 12" E FL OUT = 661.32
 SD6-SD5: 300 LF 12" HDPE @ 0.30%
- SD7) STA: 61+80 80' RT
 2' DIA. TYPE 'A' INLET W/TYPE 1 FRAME, OPEN LID
 T/RIM = 663.33
 12" W FL IN = 660.75
 12" E FL OUT = 660.75
 SD7-SD6: 190 LF 12" HDPE @ 0.30%
- SD8) STA: 62+56 50' RT
 3' DIA. TYPE 'B' INLET W/TYPE 1 FRAME, OPEN LID
 T/RIM = 665.50
 12" SW FL IN = 660.58
 EX. 12" N FL OUT = 660.58
 SD8-SD7: 83 LF 12" HDPE @ 0.20%

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	6
CONTRACT NO. 87398				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FAUG225				
** 04-00066-00-WR				
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	
1	3/25/14	NRD	PER I.D.O.T. REV.	
STORM SEWER STRUCTURE SCHEDULE				
VILLAGE OF BOURBONNAIS 6000 NORTH ROAD IMPROVEMENTS PHASE I BOURBONNAIS, ILLINOIS				
PROJECT:				
SECTION 04-00066-00-WR				
DATE:	2/14/14	JOB NO.	E09108	
SCALE:	N/A	FILE NO.		
DRAWN BY:	NRD	SHEET	6	
CHECKED BY:	SRM			21



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	KANKAKEE	21	7

CONTRACT NO. 87398
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226
 ** 04-00066-00-WR

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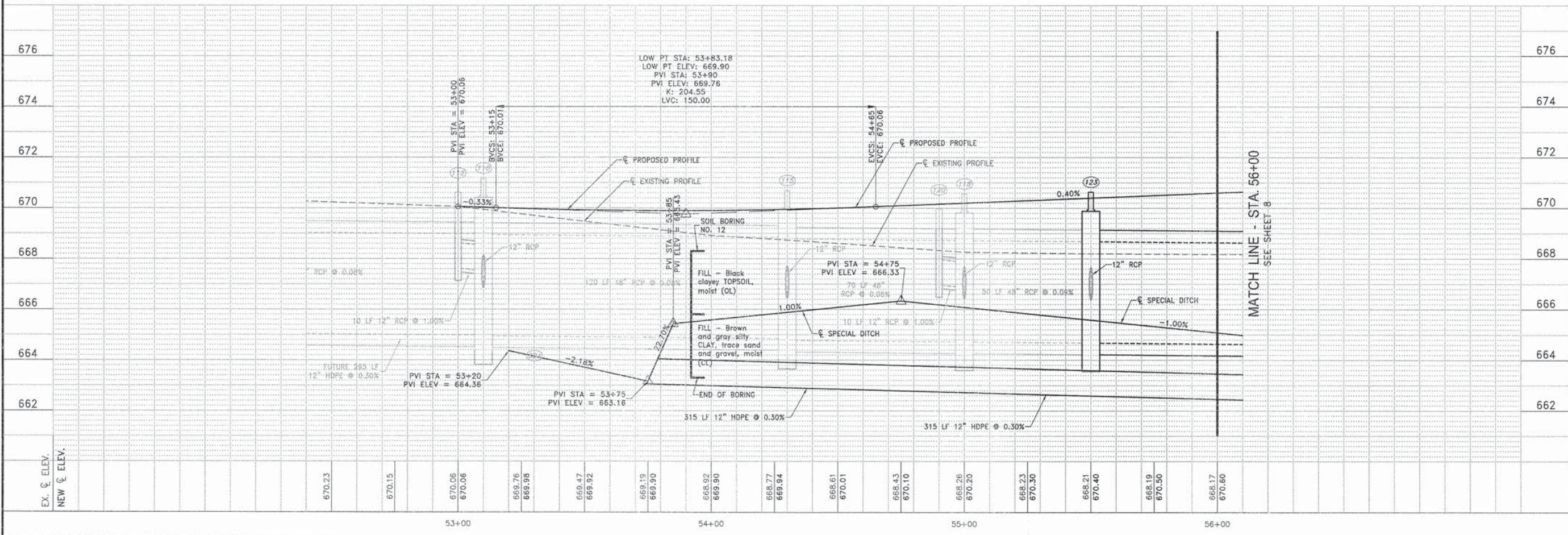
REVISIONS			
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6000 N ROAD
 PLAN AND PROFILE
 STA. 52+50 TO STA. 58+00

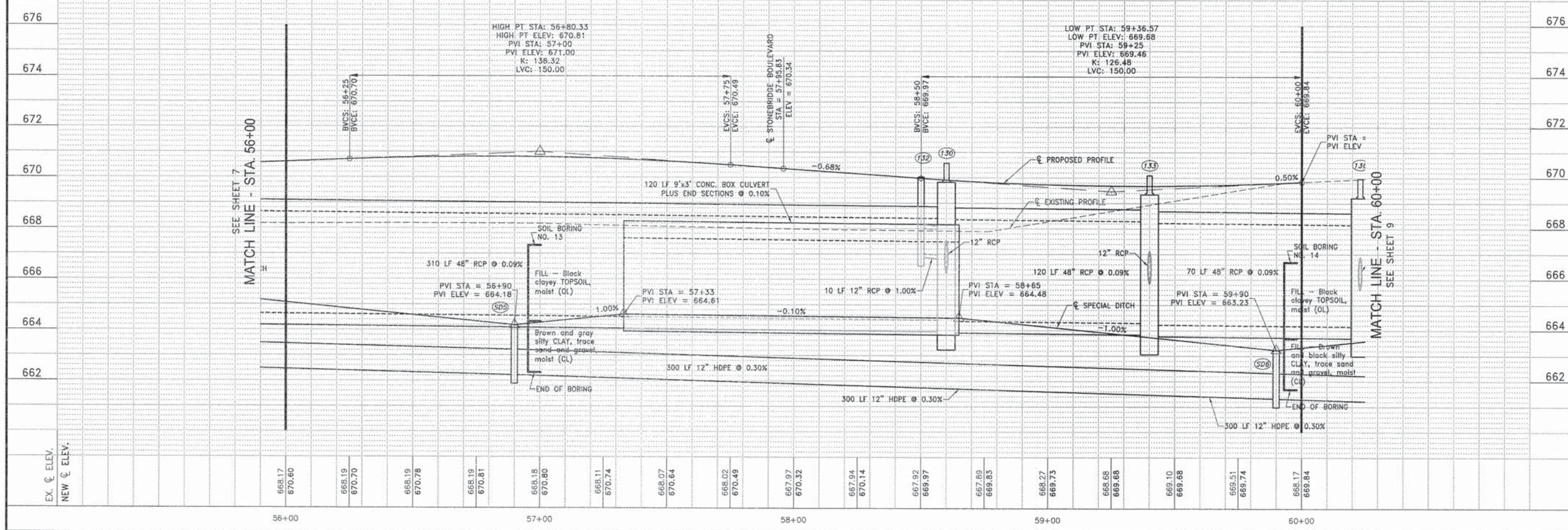
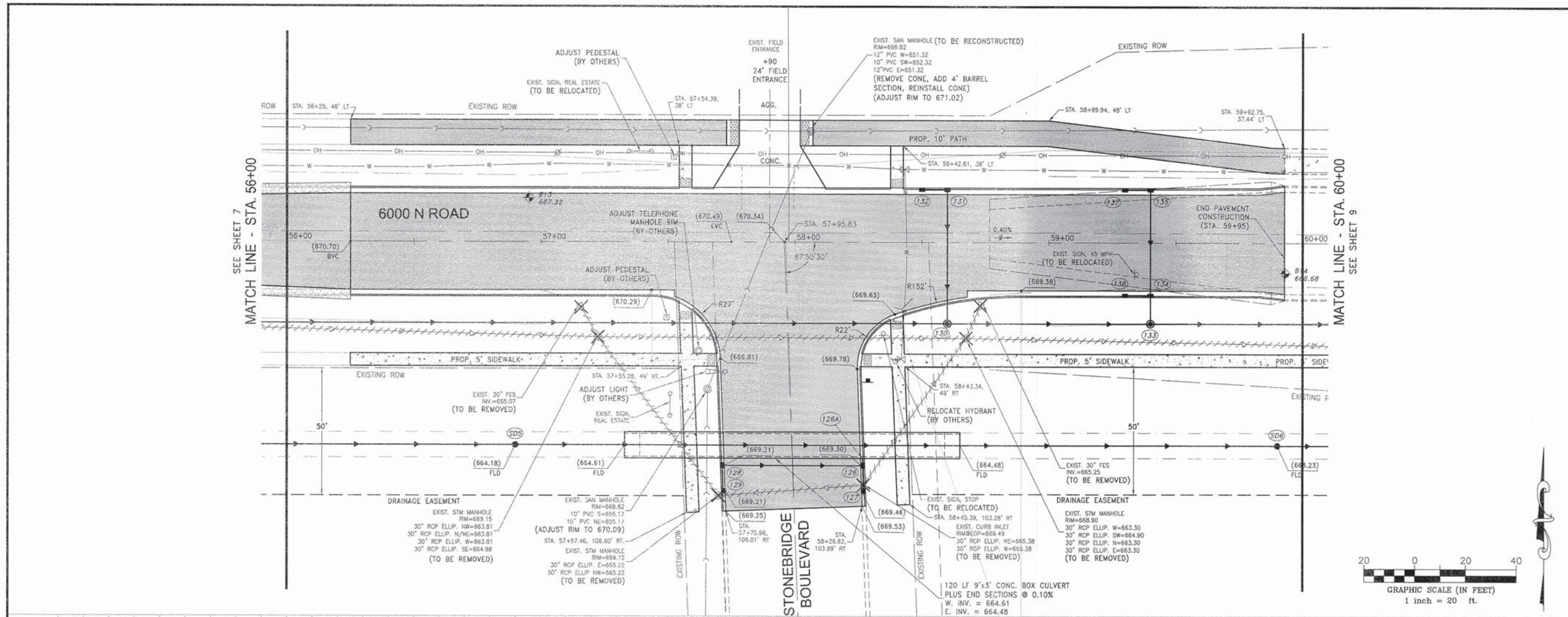
PROJECT:
**VILLAGE OF BOURBONNAIS
 6000 NORTH ROAD
 IMPROVEMENTS
 PHASE I**
 BOURBONNAIS, ILLINOIS

SECTION
 04-00066-00-WR

DATE: 2/14/14	JOB NO. E09108
SCALE: HORZ.: 1"=20' VERT.: 1"=2'	FILE NO.
DRAWN BY: NRD	SHEET 7
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TALE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	KANKAKEE	21	8

CONTRACT NO. 04-00066-00-WR
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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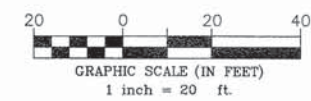
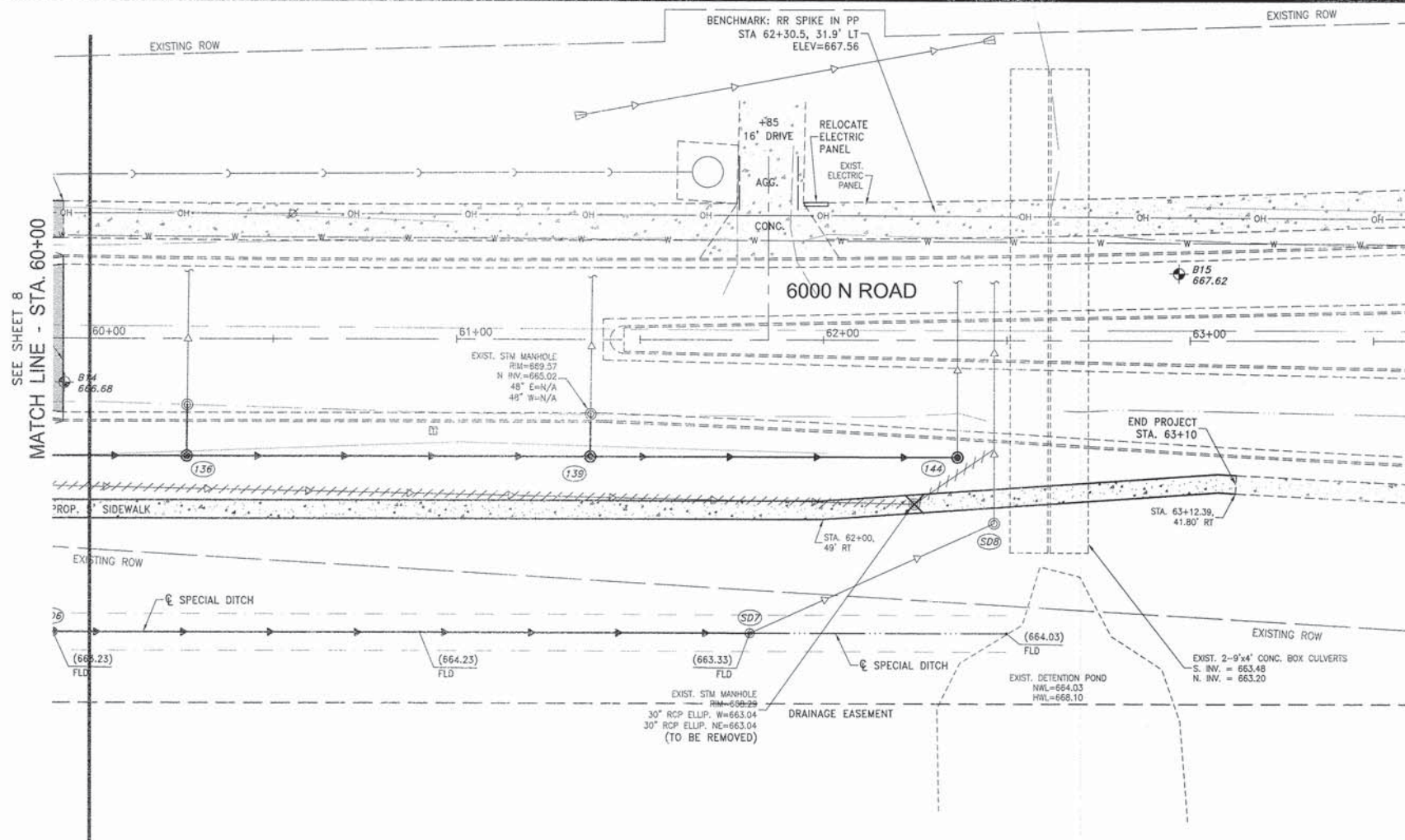
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PROJECT: VILLAGE OF BOURBONNAIS
6000 NORTH ROAD IMPROVEMENTS PHASE I
 BOURBONNAIS, ILLINOIS

SECTION	04-00066-00-WR
DATE:	2/14/14
JOB NO.	E09108
SCALE:	HORZ.: 1"=20' VERT.: 1"=2'
FILE NO.	
DRAWN BY:	NRD
SHEET	8
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F.A.D. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	KANKAKEE	21	9

CONTRACT NO. 8739B

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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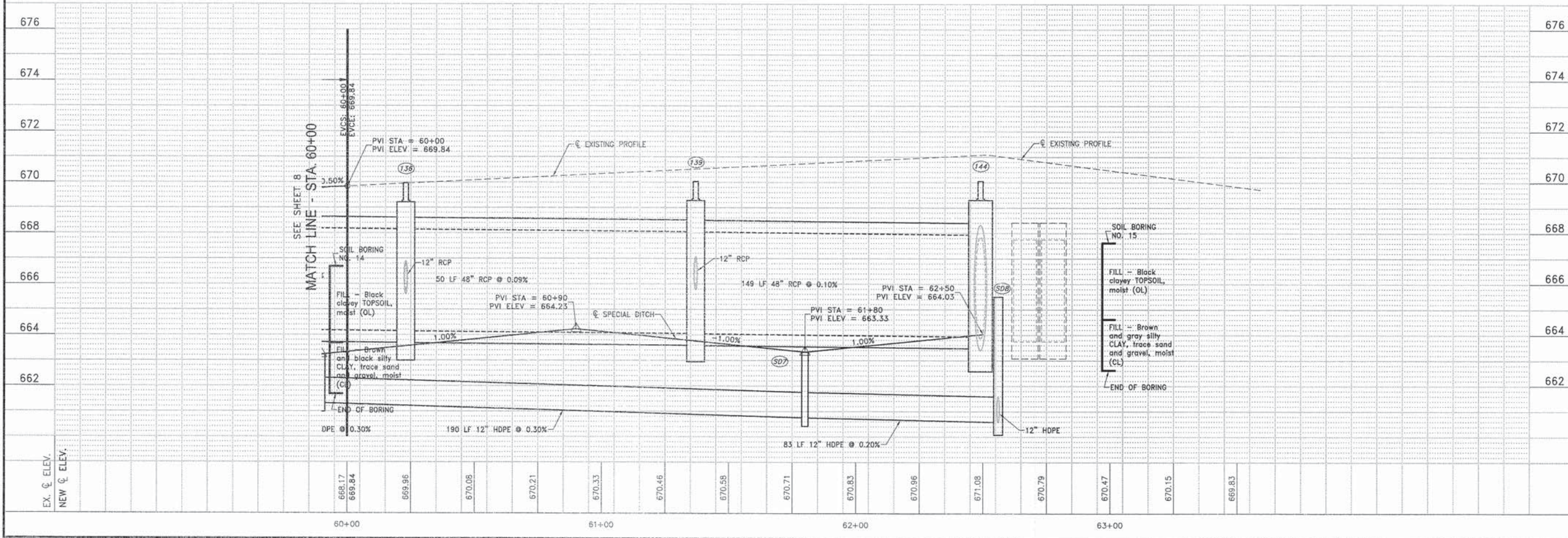
REVISIONS			
NO.	DATE	BY	DESCRIPTION
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6000 N ROAD
PLAN AND PROFILE
STA. 56+25 TO STA. 59+50

PROJECT: VILLAGE OF BOURBONNAIS
6000 NORTH ROAD IMPROVEMENTS PHASE I
BOURBONNAIS, ILLINOIS

SECTION
04-00066-00-WR

DATE: 2/14/14	JOB NO. E09108
SCALE: HORZ.: 1"=20' VERT.: 1"=2'	FILE NO.
DRAWN BY: NRD	SHEET 9
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F.A.M. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	10

CONTRACT NO. 87398

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

STAGE 1
STAGING PLAN

PROJECT:
VILLAGE OF BOURBONNAIS
6000 NORTH ROAD
IMPROVEMENTS
PHASE I
BOURBONNAIS, ILLINOIS

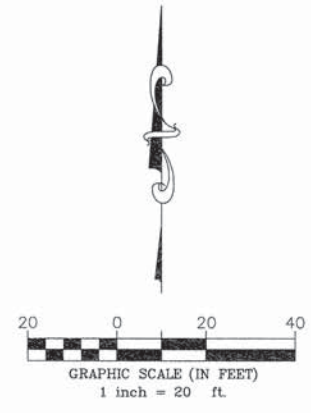
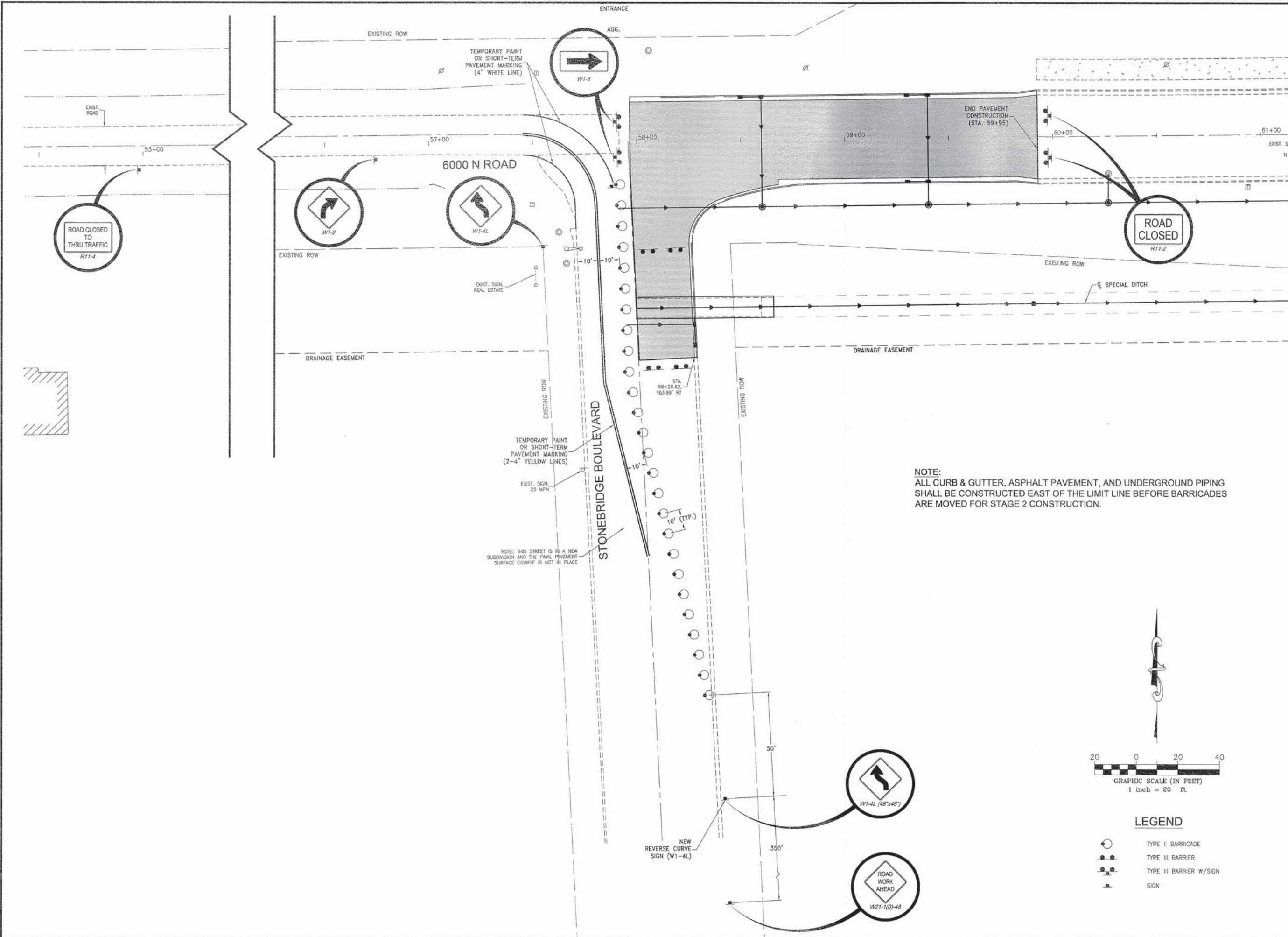
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04-00066-00-WR

DATE: 2/14/14 JOB NO. E09108

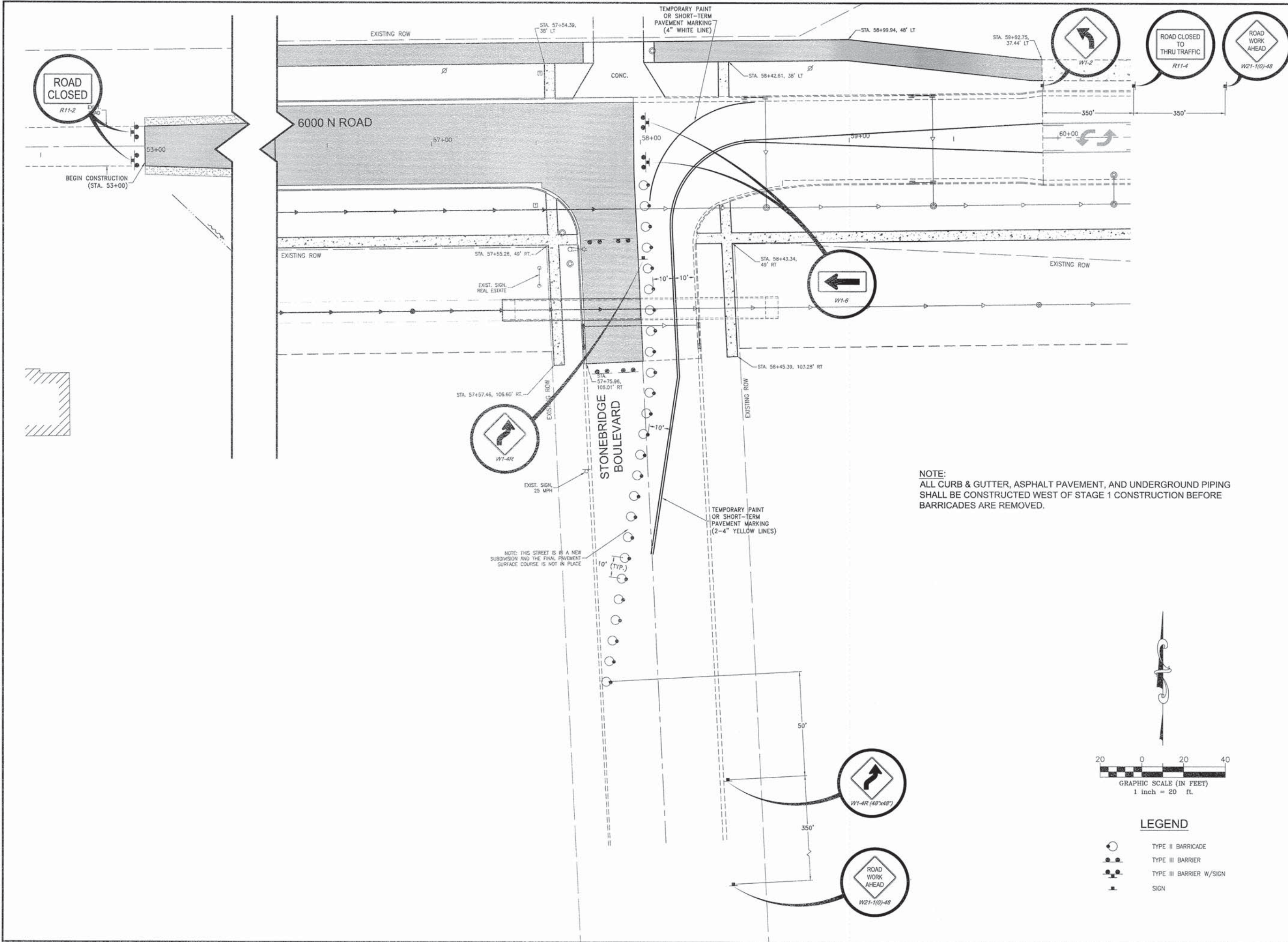
SCALE: 1"=20' FILE NO.

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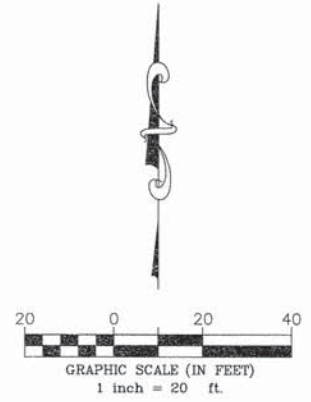
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LEGEND	
	TYPE II BARRICADE
	TYPE III BARRIER
	TYPE III BARRIER W/SIGN
	SIGN



NOTE:
 ALL CURB & GUTTER, ASPHALT PAVEMENT, AND UNDERGROUND PIPING SHALL BE CONSTRUCTED WEST OF STAGE 1 CONSTRUCTION BEFORE BARRICADES ARE REMOVED.



LEGEND

	TYPE II BARRICADE
	TYPE III BARRIER
	TYPE III BARRIER W/SIGN
	SIGN

FAU. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	11

CONTRACT NO. B7398
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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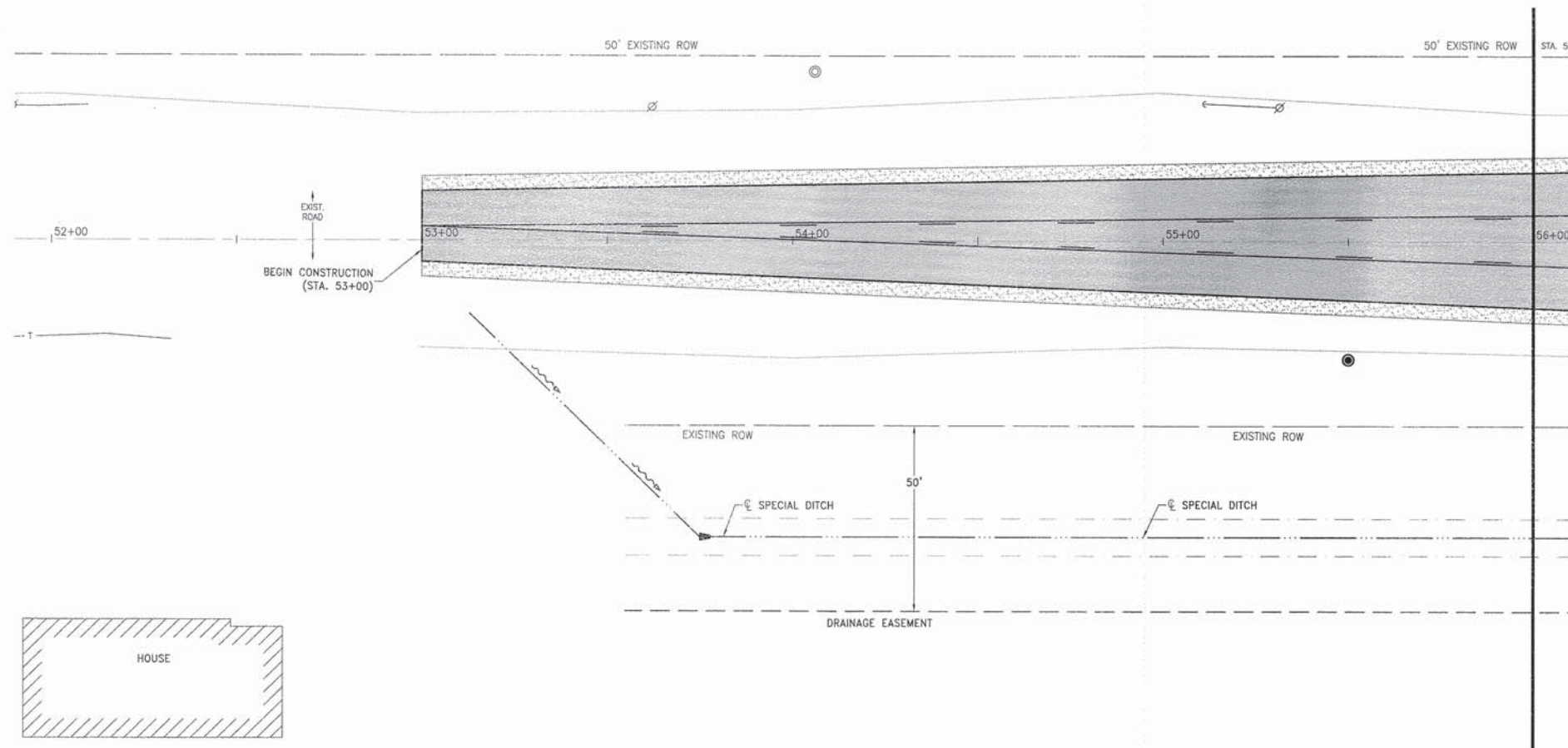
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 Kankakee, Illinois 60901
 Phone (815) 932-7406

STAGE 2
 STAGING PLAN

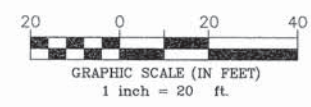
PROJECT:
**VILLAGE OF BOURBONNAIS
 6000 NORTH ROAD
 IMPROVEMENTS
 PHASE I**
 BOURBONNAIS, ILLINOIS

SECTION
 04-00066-00-WR

DATE:	2/14/14	JOB NO.	ED9108
SCALE:	1"=20'	FILE NO.	
DRAWN BY:	NRD	SHEET	11
CHECKED BY:	SRM		21



MATCH LINE - STA. 56+00
SEE BELOW



FED. AID DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	KANKAKEE	21	12

CONTRACT NO. 87398
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226
** 04-00066-00-WR

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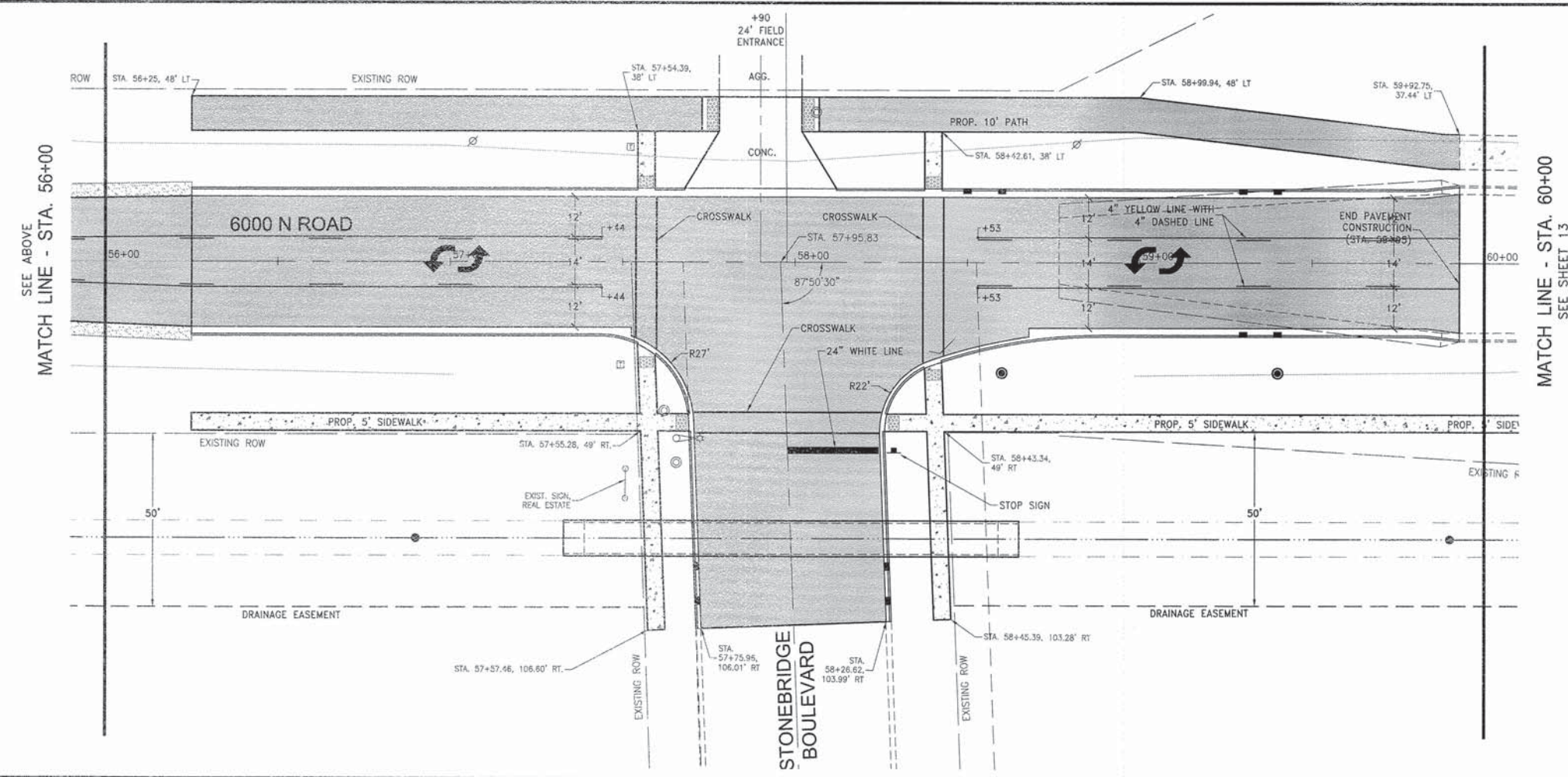
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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

STRIPING AND SIGNAGE
PLAN



SEE ABOVE
MATCH LINE - STA. 56+00

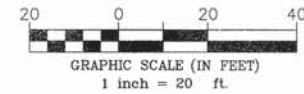
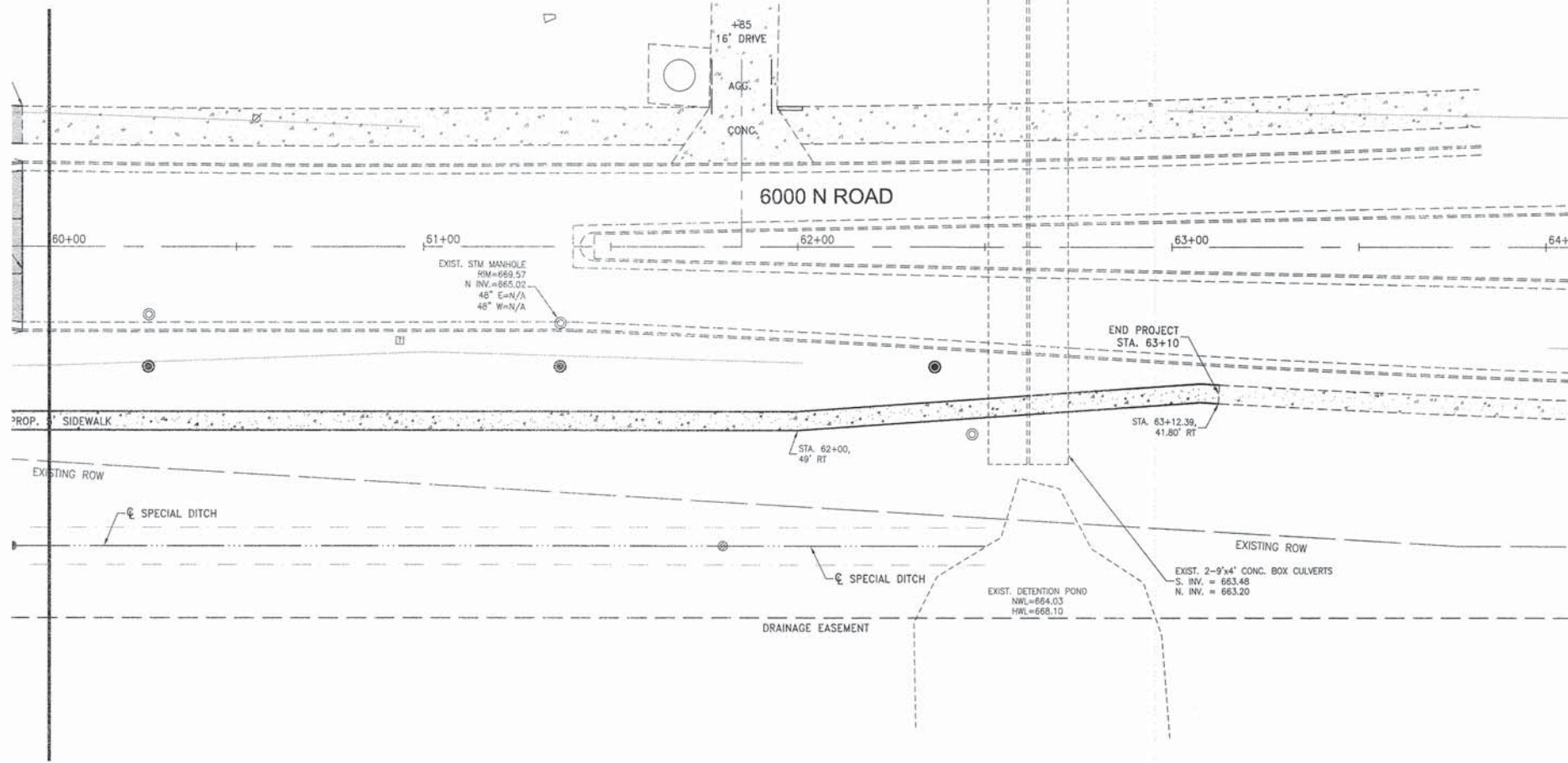
MATCH LINE - STA. 60+00
SEE SHEET 13

PROJECT:
**VILLAGE OF BOURBONNAIS
6000 NORTH ROAD
IMPROVEMENTS
PHASE I**
BOURBONNAIS, ILLINOIS

SECTION
04-00066-00-WR

DATE: 2/14/14	JOB NO. E09108
SCALE: 1"=20'	FILE NO.
DRAWN BY: NRD	SHEET
CHECKED BY: SRM	12

SEE SHEET 12
MATCH LINE - STA. 60+00



FAU. RTV.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	13

CONTRACT NO. 87398

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226
** 04-000600-WR

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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

STRIPING AND SIGNAGE
DETAILS

PROJECT:
**VILLAGE OF BOURBONNAIS
6000 NORTH ROAD
IMPROVEMENTS
PHASE I**
BOURBONNAIS, ILLINOIS

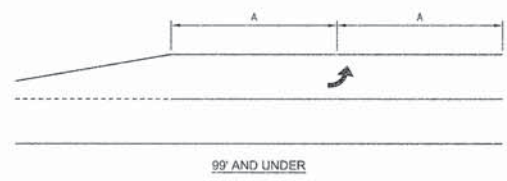
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04-00060-00-WR

DATE: 2/14/14 JOB NO. E09108

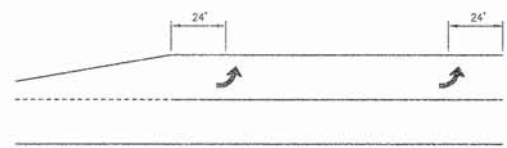
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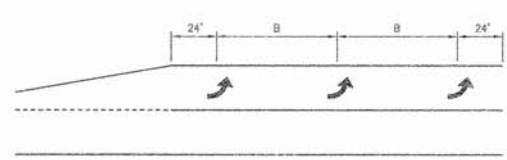
CHECKED BY: SRM **13**



99' AND UNDER

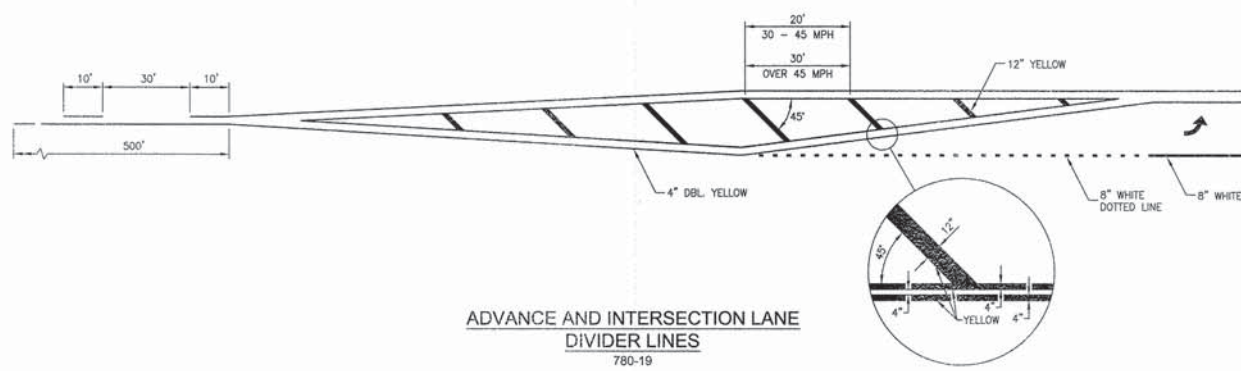


100' TO 149'

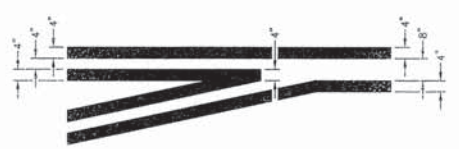


150' AND LONGER

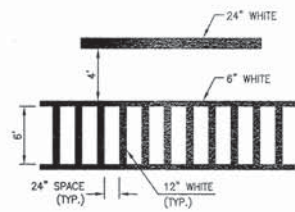
TYPICAL PLACEMENT OF ARROWS
IN TURN LANES
780-10



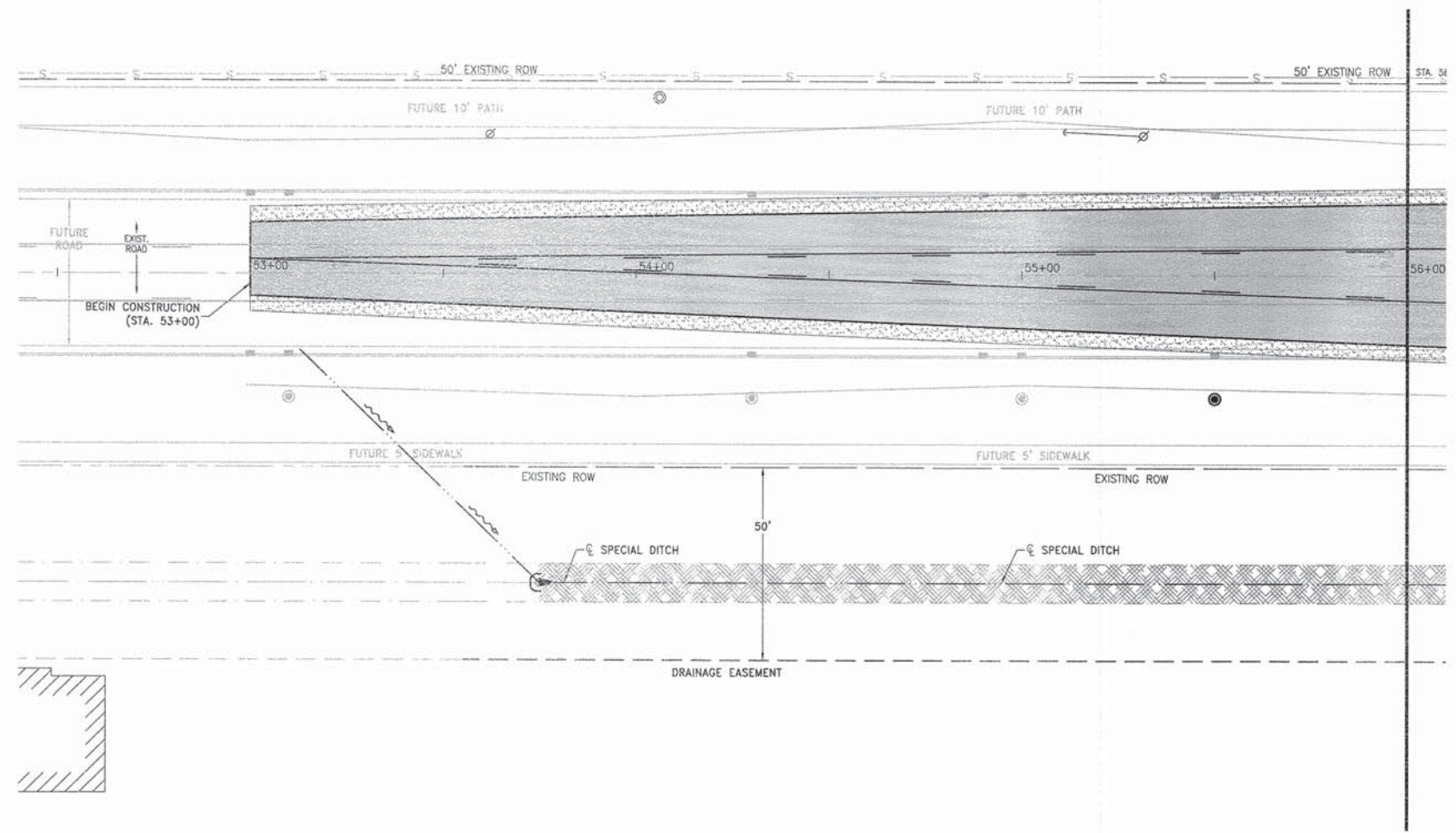
ADVANCE AND INTERSECTION LANE
DIVIDER LINES
780-19



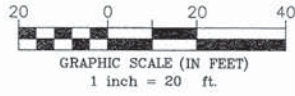
TYPICAL APPLICATION
@ LEFT TURN LANES
780-1



TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS
780-3
OPTION 2



MATCH LINE - STA. 56+00
SEE SHEET 15



STORM WATER POLLUTION PREVENTION PLAN LEGEND			
■	NEW CURB INLET	— S —	SILT FENCE WITH WIRE SUPPORT
●	NEW INLET (ROUND GRATE)	□	INLET PROTECTION
⊙	NEW MANHOLE	C	PIPE PROTECTION
▴	NEW FLARED END SECTION	⊘	RIP RAP
◇	PLACEMENT OF TEMPORARY ROCK CHECK DAM (COARSE AGGREGATE) IN DRAINAGEWAY	▨	EROSION CONTROL BLANKET; INSTALL DITCH CHECKS IN ACCORDANCE WITH PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGEWAY DETAILS

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	14

CONTRACT NO. 87398
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226
** 04-00066-00-WR

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Kankakee, Illinois 60901
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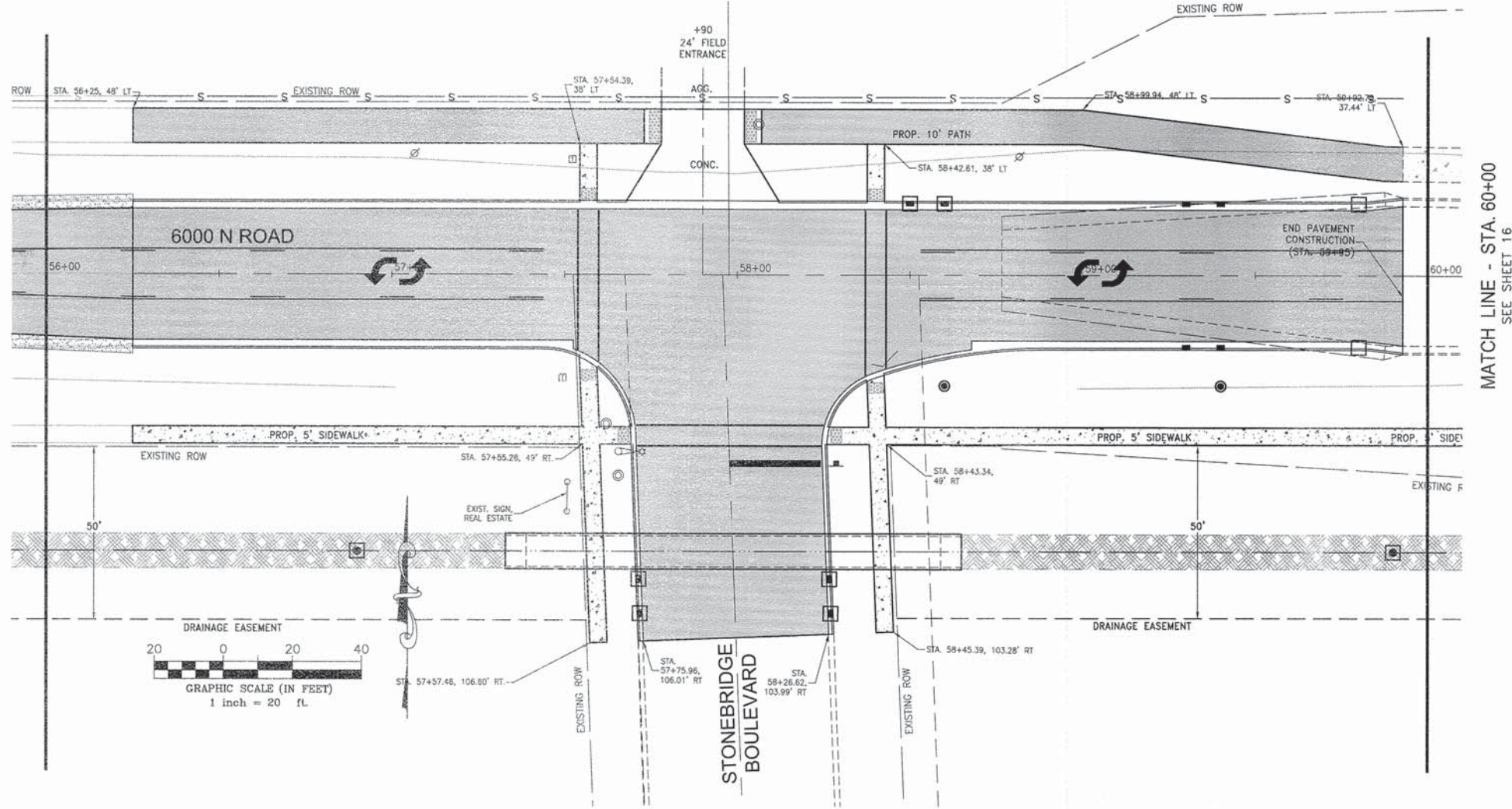
REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

STORM WATER POLLUTION PREVENTION PLAN

PROJECT:
VILLAGE OF BOURBONNAIS
6000 NORTH ROAD IMPROVEMENTS PHASE I
BOURBONNAIS, ILLINOIS

SECTION 04-00066-00-WR	
DATE: 2/14/14	JOB NO. E09108
SCALE: 1"=20'	FILE NO.
DRAWN BY: NRD	SHEET 14
CHECKED BY: SRM	21

SEE SHEET 14
MATCH LINE - STA. 56+00



MATCH LINE - STA. 60+00
SEE SHEET 15

■	NEW CURB INLET	— S —	SILT FENCE WITH WIRE SUPPORT
●	NEW INLET (ROUND GRATE)	□	INLET PROTECTION
⊙	NEW MANHOLE	C	PIPE PROTECTION
▼	NEW FLARED END SECTION	⊘	RIP RAP
◇	PLACEMENT OF TEMPORARY ROCK CHECK DAM (COARSE AGGREGATE) IN DRAINAGEWAY	▨	EROSION CONTROL BLANKET; INSTALL DITCH CHECKS IN ACCORDANCE WITH PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGEWAY DETAILS

FED. AID DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	KANKAKEE	21	15

CONTRACT NO. 87398
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FAU6226
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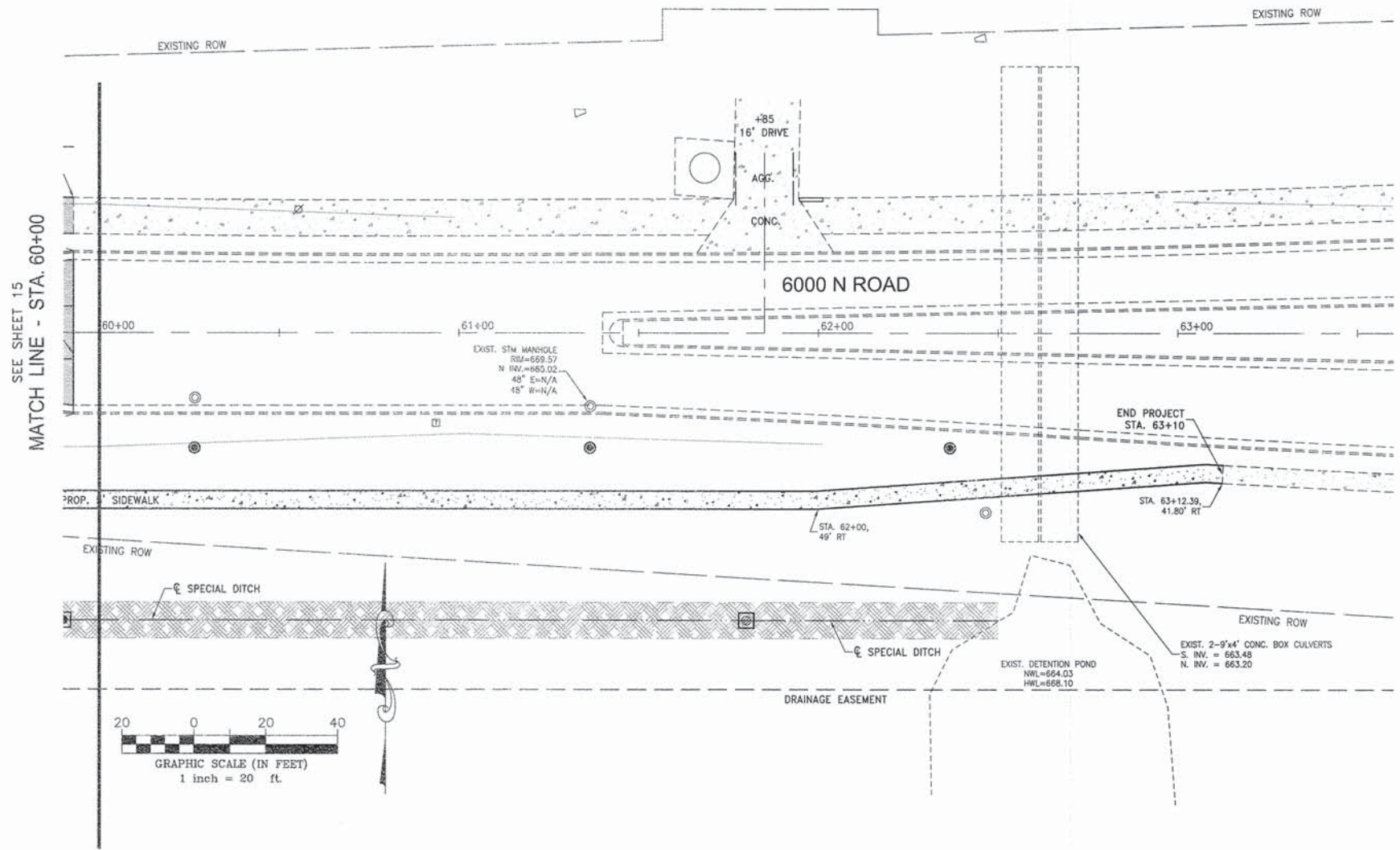
NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

STORM WATER POLLUTION PREVENTION PLAN

PROJECT:

VILLAGE OF BOURBONNAIS
6000 NORTH ROAD IMPROVEMENTS PHASE I
BOURBONNAIS, ILLINOIS

SECTION 04-00066-00-WR	
DATE: 2/14/14	JOB NO. E09108
SCALE: 1"=20'	FILE NO.
DRAWN BY: NRD	SHEET
CHECKED BY: SRM	15



SEE SHEET 15
MATCH LINE - STA. 60+00

STORM WATER POLLUTION PREVENTION PLAN LEGEND			
■	NEW CURB INLET	— S —	SILT FENCE WITH WIRE SUPPORT
●	NEW INLET (ROUND GRATE)	□	INLET PROTECTION
⊙	NEW MANHOLE	C	PIPE PROTECTION
▴	NEW FLARED END SECTION	⊘	RIP RAP
◇	PLACEMENT OF TEMPORARY ROCK CHECK DAM (COARSE AGGREGATE) IN DRAINAGEWAY	▨	EROSION CONTROL BLANKET; INSTALL DITCH CHECKS IN ACCORDANCE WITH PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGEWAY DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	16

CONTRACT NO. 87398

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FAU6226
04-00066-00-WR

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Phone (815) 932-7400

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

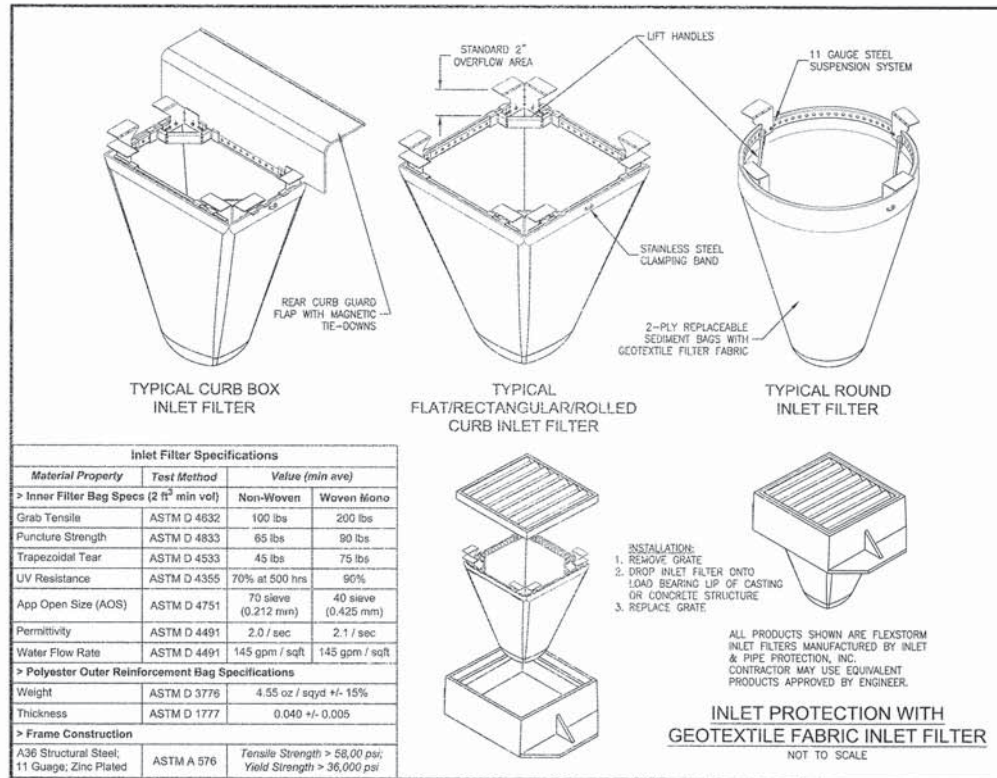
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1	3/25/14	NRD	PER I.D.O.T. REV.

STORM WATER POLLUTION PREVENTION PLAN

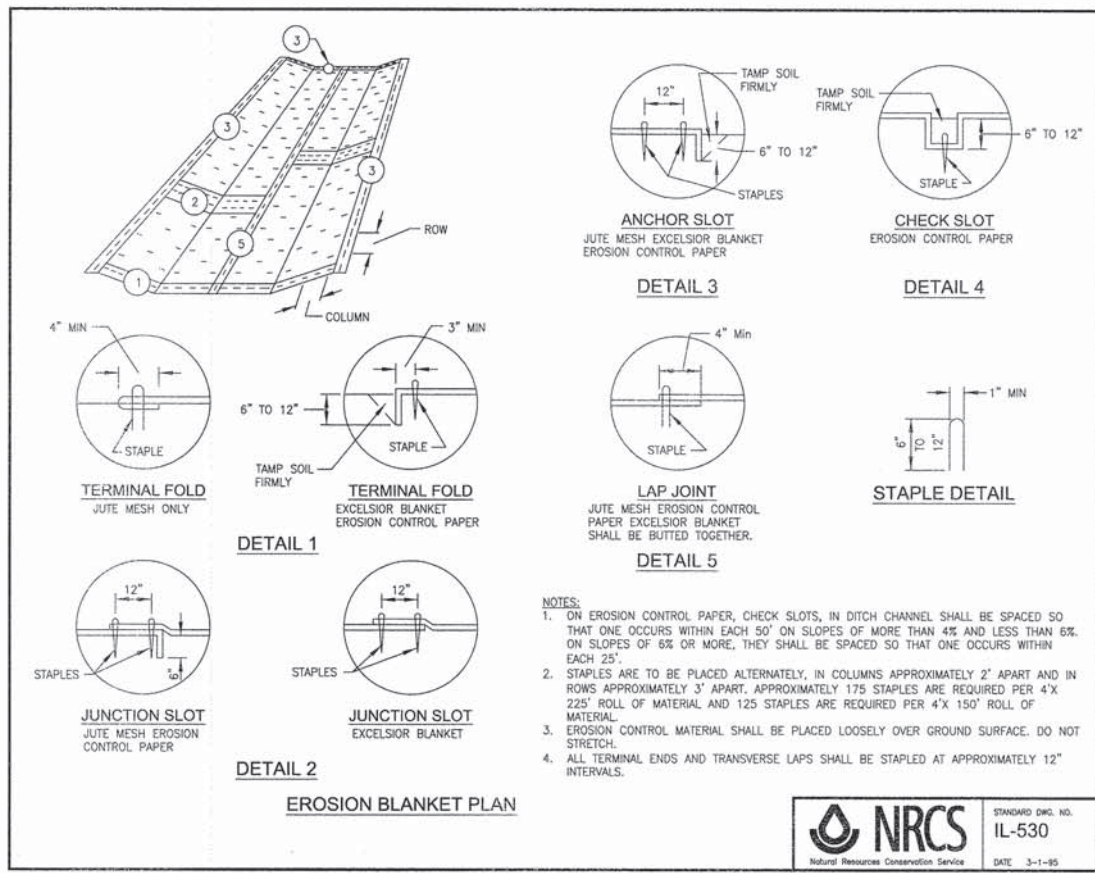
PROJECT:

VILLAGE OF BOURBONNAIS
6000 NORTH ROAD IMPROVEMENTS PHASE I
BOURBONNAIS, ILLINOIS

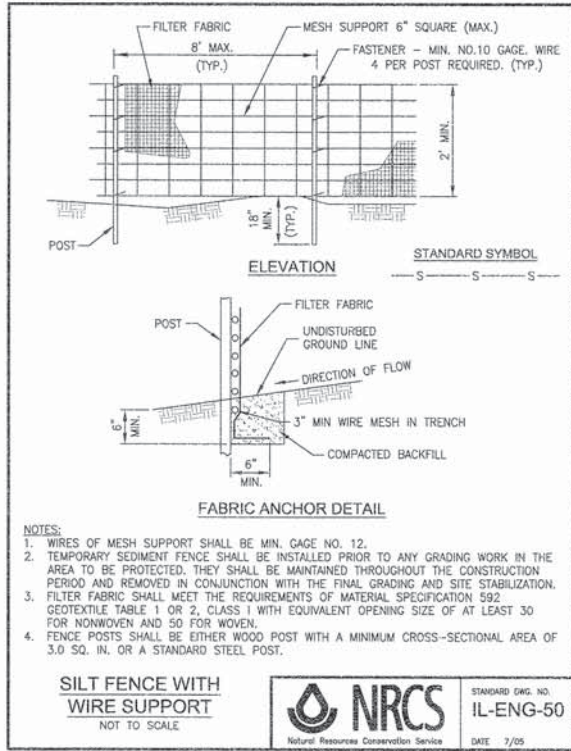
SECTION 04-00066-00-WR	
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SCALE: 1"=20'	FILE NO.
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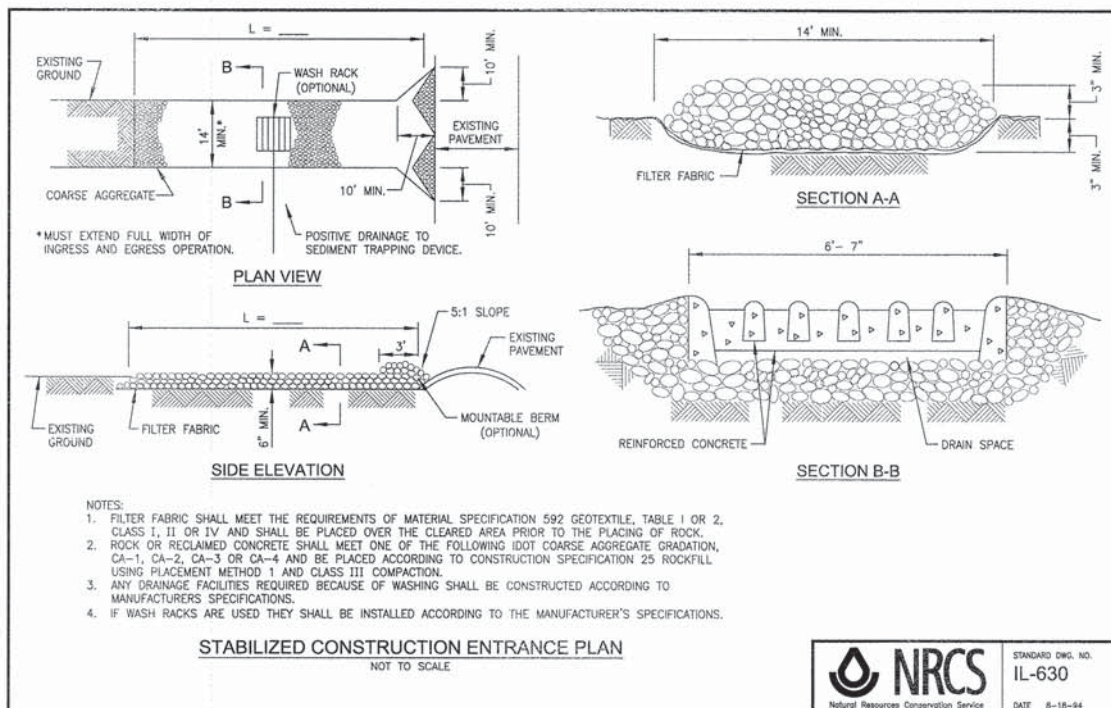
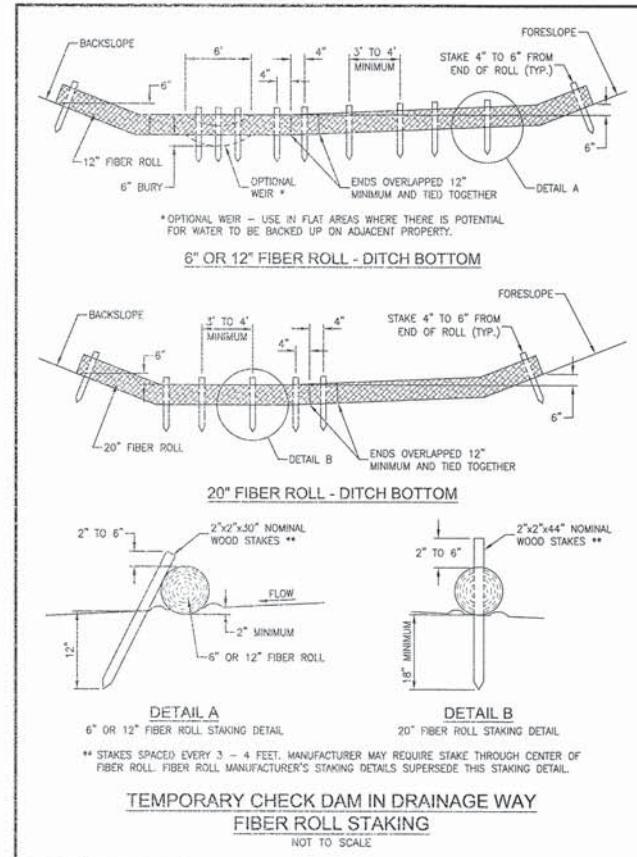
Inlet Filter Specifications		
Material Property	Test Method	Value (min ave)
> Inner Filter Bag Specs (2 ft² min vol)		
Grab Tensile	ASTM D 4832	100 lbs 200 lbs
Puncture Strength	ASTM D 4833	65 lbs 90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs 75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs 90%
App Open Size (AOS)	ASTM D 4751	70 sieve (0.212 mm) 40 sieve (0.425 mm)
Permittivity	ASTM D 4491	2.0 / sec 2.1 / sec
Water Flow Rate	ASTM D 4491	145 gpm / sqft 145 gpm / sqft
> Polyester Outer Reinforcement Bag Specifications		
Weight	ASTM D 3776	4.55 oz / sqyd +/- 15%
Thickness	ASTM D 1777	0.040 +/- 0.005
> Frame Construction		
A36 Structural Steel, 11 Gauge, Zinc Plated	ASTM A 576	Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi



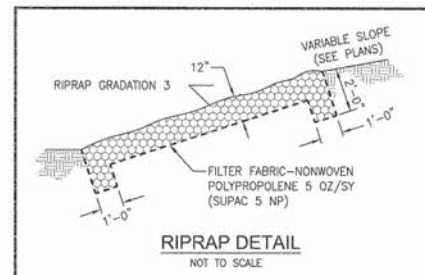
NRCS STANDARD DWG. NO. IL-530
Natural Resources Conservation Service DATE 3-1-95



NRCS STANDARD DWG. NO. IL-ENG-50
Natural Resources Conservation Service DATE 7/05



NRCS STANDARD DWG. NO. IL-630
Natural Resources Conservation Service DATE 6-18-94



PLAN SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	17

CONTRACT NO. 87398
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* FAU6226
** 04-00066-00-WR

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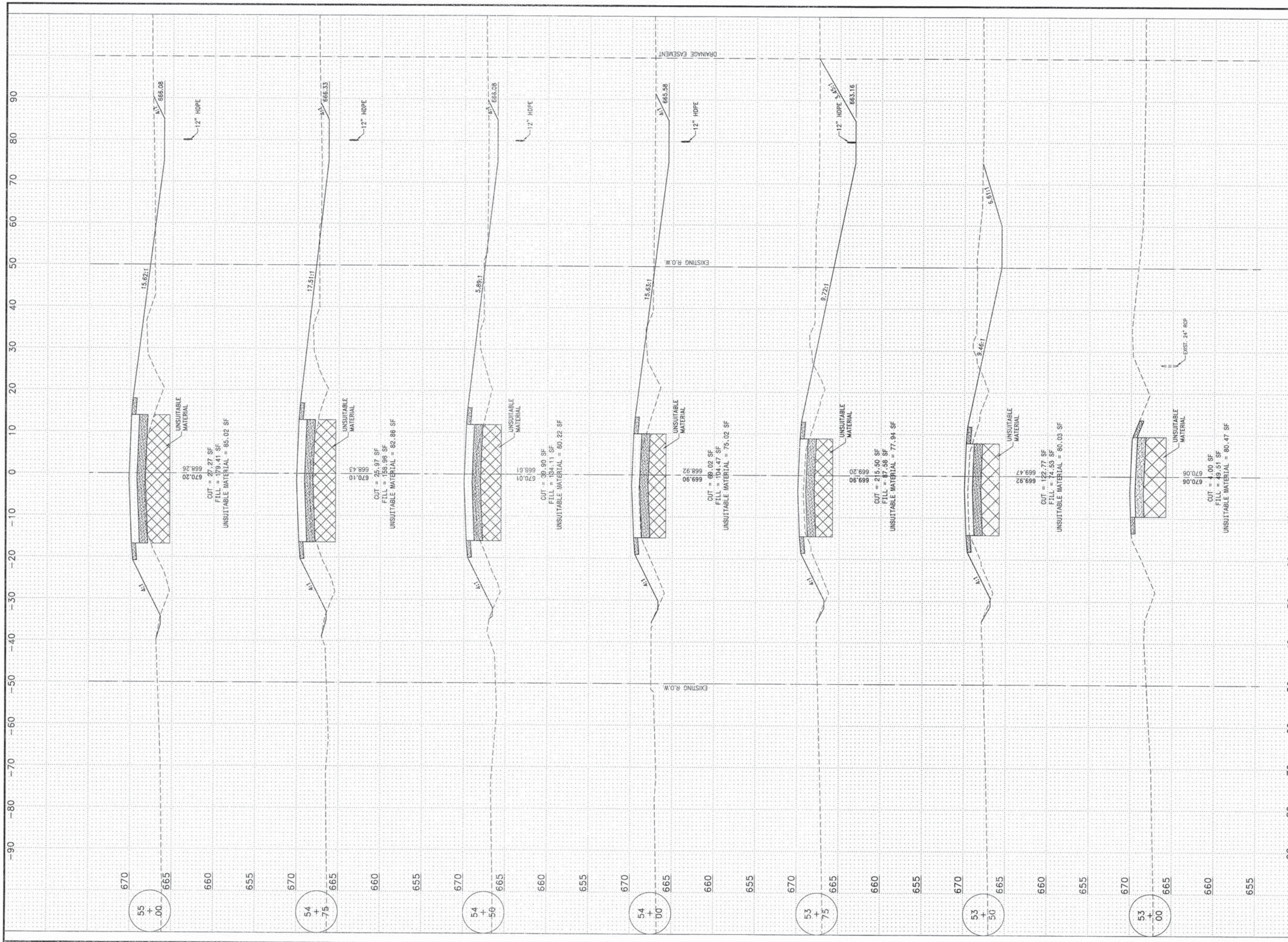
REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/25/14	NRD	PER I.D.O.T. REV.

PROJECT: VILLAGE OF BOURBONNAIS
6000 NORTH ROAD
IMPROVEMENTS
PHASE I
BOURBONNAIS, ILLINOIS

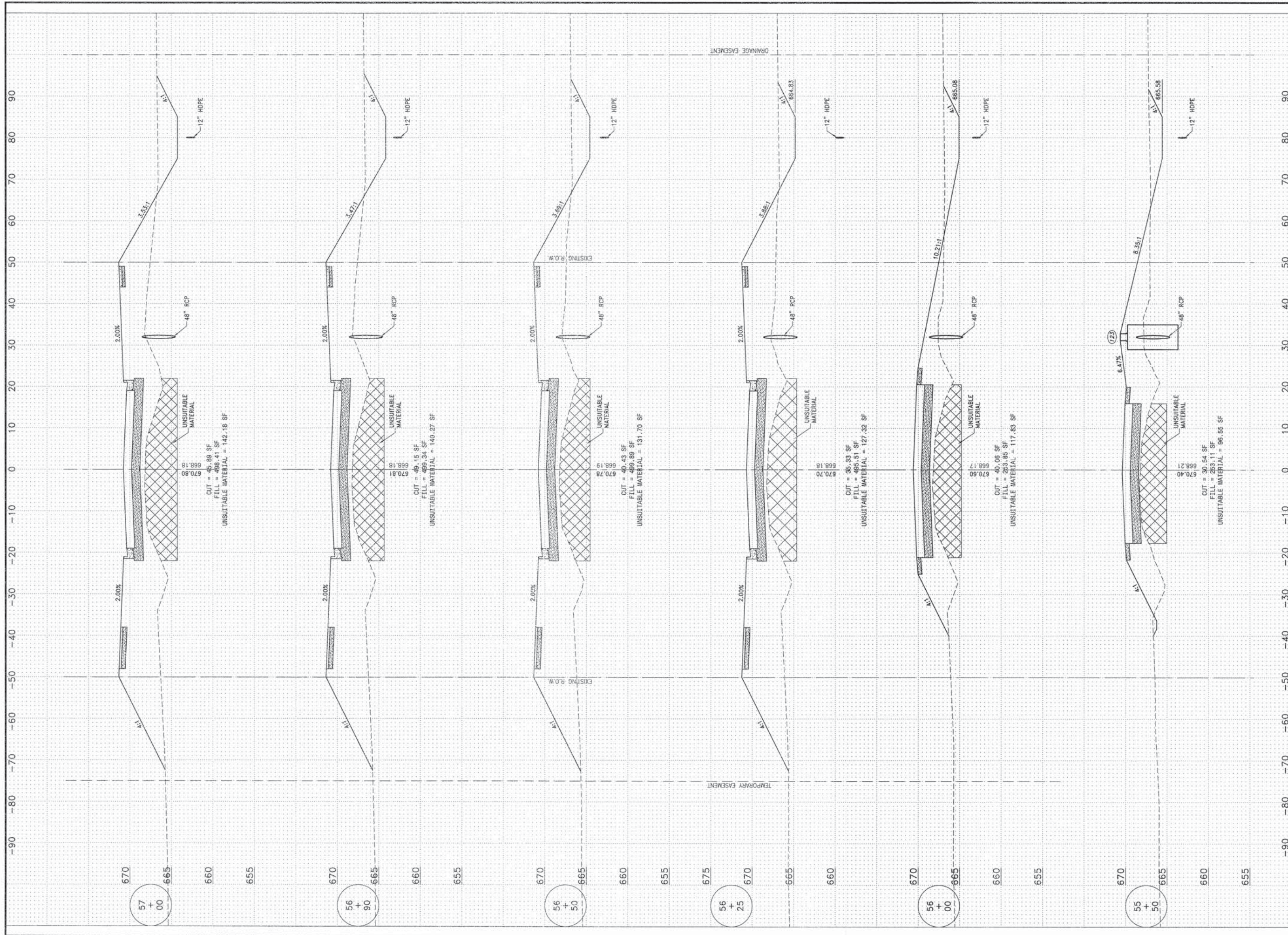
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DATE: 2/14/14	JOB NO. E09108
SCALE: N/A	FILE NO.
DRAWN BY: NRD	SHEET 17
CHECKED BY: SRM	

21



FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.								
**	**	KANKAKEE	21	18								
CONTRACT NO. 87398												
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												
* FAU6226												
** 04-00066-00-WR												
<p>Tyson Engineering 367 South Schuyler Avenue Kankakee, Illinois 60901 Phone (815) 932-7406</p>												
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<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3/25/14</td> <td>NRD</td> <td>PER I.D.O.T. REV.</td> </tr> </tbody> </table>					NO.	DATE	BY	DESCRIPTION	1	3/25/14	NRD	PER I.D.O.T. REV.
NO.	DATE	BY	DESCRIPTION									
1	3/25/14	NRD	PER I.D.O.T. REV.									
<p>6000N ROAD CROSS SECTIONS STA. 0+00 TO STA. 0+00</p>												
<p>PROJECT: VILLAGE OF BOURBONNAIS 6000 NORTH ROAD IMPROVEMENTS PHASE I BOURBONNAIS, ILLINOIS</p>												
<p>SECTION 04-00066-00-WR</p>												
DATE:	2/14/14	JOB NO.	E09108									
SCALE:	HORZ.: 1"=10'	FILE NO.										
DRAWN BY:	NRD	SHEET	18									
CHECKED BY:	SRM		21									



FAU. WTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	19

CONTRACT NO. 87398

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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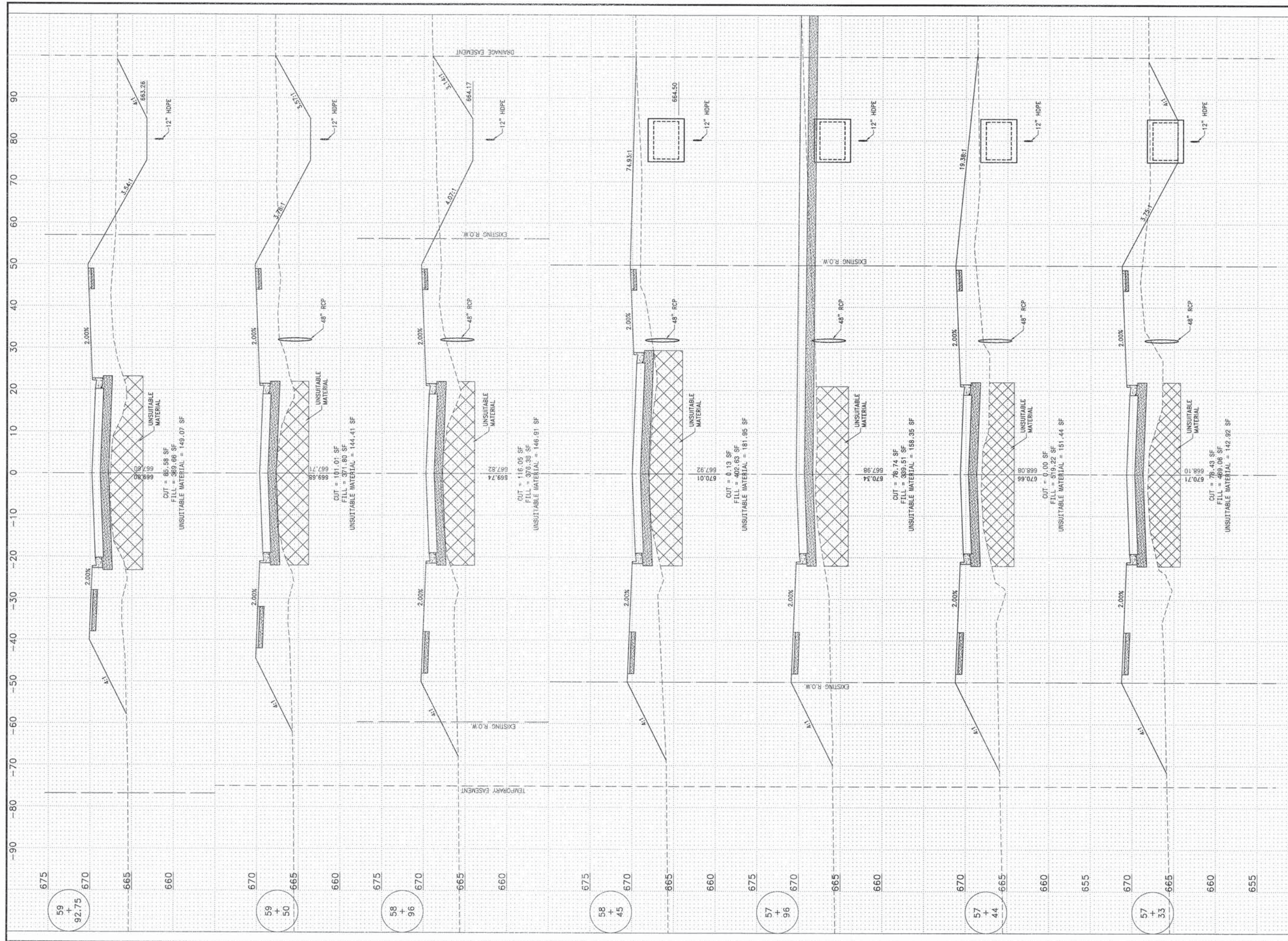
6000N ROAD
 CROSS SECTIONS
 STA. 0+00 TO STA. 0+00

PROJECT: VILLAGE OF BOURBONNAIS
 6000 NORTH ROAD
 IMPROVEMENTS
 PHASE I
 BOURBONNAIS, ILLINOIS

SECTION
 04-00066-00-WR

DATE: 2/14/14	JOB NO. E09108
SCALE: HORZ.: 1"=10' VERT.: 1"=5'	FILE NO.
DRAWN BY: NRD	SHEET
CHECKED BY: SRM	19

21



FAU SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	KANKAKEE	21	20

CONTRACT NO. 87398

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FAU6226
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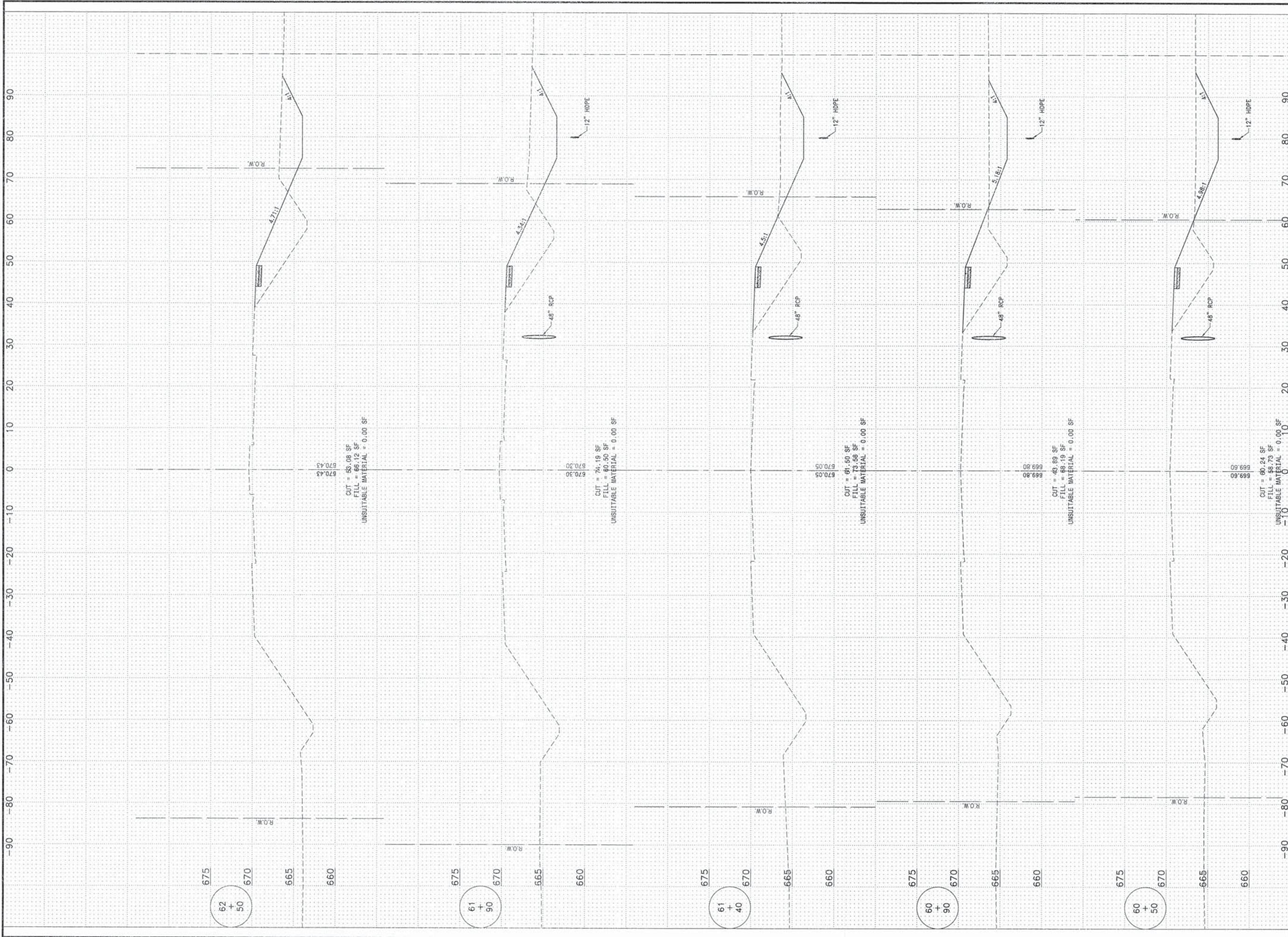
REVISIONS			
NO.	DATE	BY	DESCRIPTION
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PROJECT: VILLAGE OF BOURBONNAIS
 6000 NORTH ROAD
 CROSS SECTIONS
 STA. 0+00 TO STA. 0+00

SECTION
 04-00066-00-WR

DATE: 2/14/14 JOB NO. E09108
 SCALE: HORIZ.: 1"=10'
 VERT.: 1"=5' FILE NO.
 DRAWN BY: NRD SHEET
 CHECKED BY: SRM **20**

21



FAA ITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	21	21

CONTRACT NO. 87398

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6000N ROAD
 CROSS SECTIONS
 STA. 0+00 TO STA. 0+00

PROJECT:
**VILLAGE OF BOURBONNAIS
 6000 NORTH ROAD
 IMPROVEMENTS
 PHASE I**
 BOURBONNAIS, ILLINOIS

SECTION
 04-00066-00-WR

DATE: 2/14/14	JOB NO. E09108
SCALE: HORZ.: 1"=10' VERT.: 1"=5'	FILE NO.
DRAWN BY: NRD	SHEET 21
CHECKED BY: SRM	

21