

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

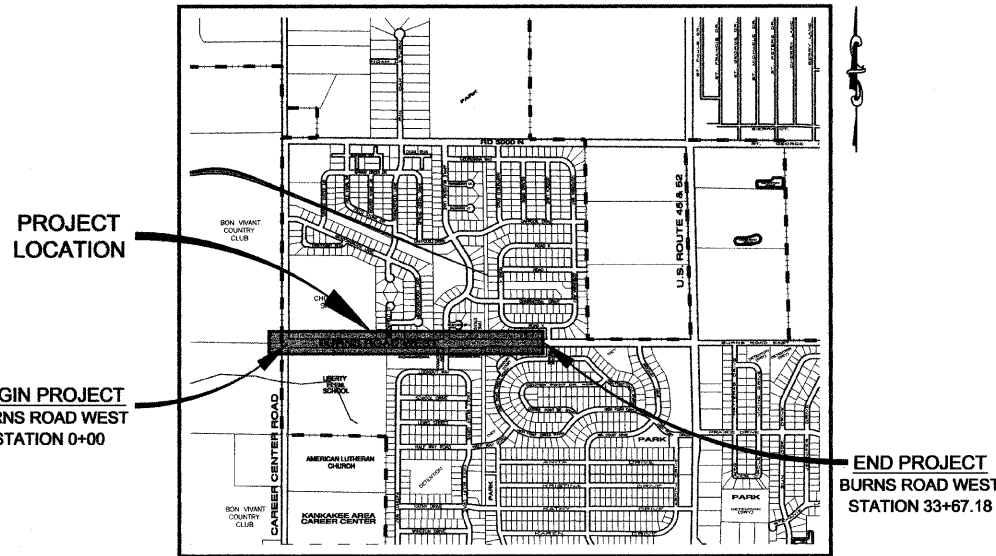
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

STATE TRANSPORTATION URBAN FUNDING
VILLAGE OF BOURBONNAIS
FAU 6212 (BURNS ROAD WEST)
CAREER CENTER ROAD TO BURNING BUSH DRIVE
SECTION 03-00058-01-FP
PROJECT NO. M-5034(17)
JOB NO. C-93-035-12

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STANDARDS

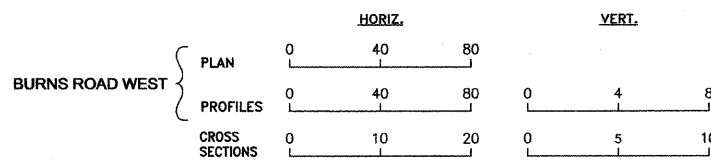
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
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701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
780001-03	TYPICAL PAVEMENT MARKINGS
878001-09	CONCRETE FOUNDATION DETAILS
836001-01	LIGHT POLE FOUNDATION



LOCATION MAP
NOT TO SCALE

GROSS LENGTH OF IMPROVEMENT = 3,367 FEET = 0.64 MILES
NET LENGTH OF IMPROVEMENT = 3,367 FEET = 0.64 MILES

STANDARD SCALES



OTHERS AS NOTED IN PLANS

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

DESIGN DESIGNATION - COLLECTOR

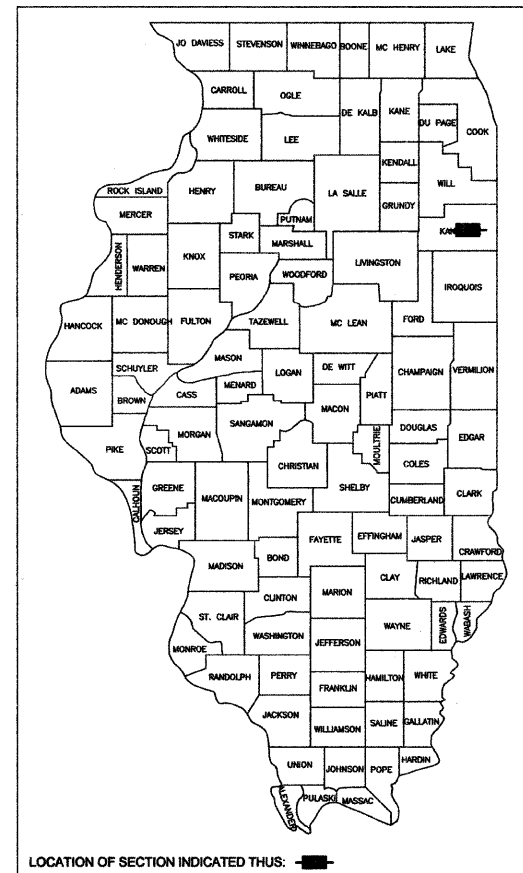
DESIGN SPEED = 30 MPH

STA. 0+00 TO STA. 33+67

2007 ADT = 0 M.U. 0% S.U. 0% P.V. 0%

DESIGN 2027 ADT = 6600 M.U. 5% S.U. 10% P.V. 85%

SEE SHEET 2 FOR PAVEMENT DESIGN



PREPARED IN ACCORDANCE
WITH THE POLICIES OF THE
LOCAL ROADS MANUAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED April 9, 2012
Paul Schure
VILLAGE PRESIDENT, VILLAGE OF BOURBONNAIS

PASSED April 11, 2012
Joe Rye
DISTRICT 3 PROJECT IMPLEMENTATION ENGINEER

RELEASED FOR BID
BASED ON LIMITED REVIEW April 11, 2012
End...
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

Math B. Smith 4/4/12
LIGHTING ENGINEER DATE

062-038653 11/30/13
LICENSE# EXPIRATION DATE

Steven R. McBurney 4-9-12
STEVEN R. MCBURNEY P.E.# 062-058252 DATE

EXPIRATION DATE OF P.E. LICENSE: 11-30-13

REVISIONS				
NO.	DATE	BY	GENERAL DESCRIPTION	SHEETS CHANGED

SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: N/A	FILE NO.
DRAWN BY: MRG	SHEET 1
CHECKED BY: SRM	36

CONTRACT NO. 87315
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* BURNS ROAD WEST - FAU 6212
** 03-00058-01-FP

TYSON ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
DESIGN FIRM LICENSE #184-001136

367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
PHONE (815) 932-7406

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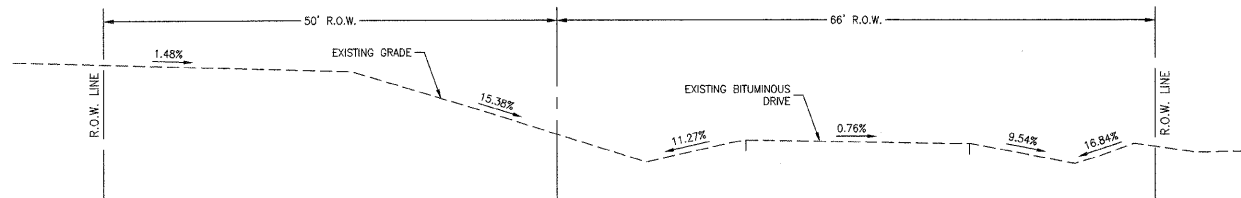
Information hereon and herein is confidential.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

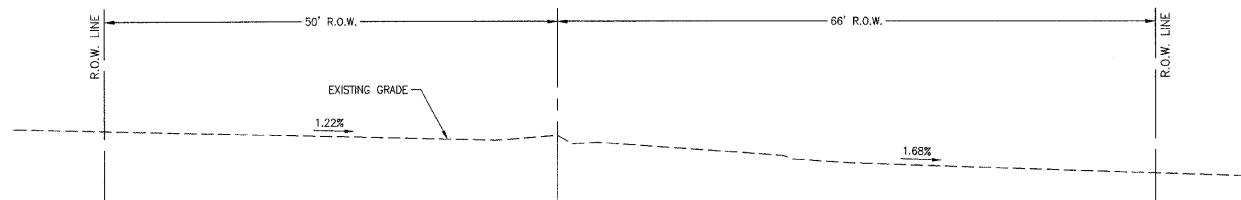
COVER SHEET

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

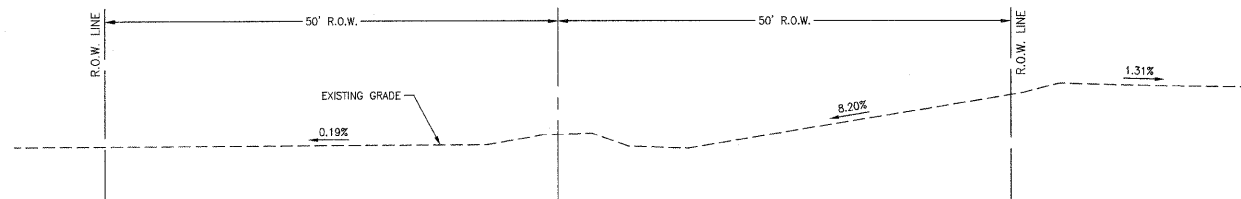
TYPICAL EXISTING ROADWAY CROSS SECTIONS



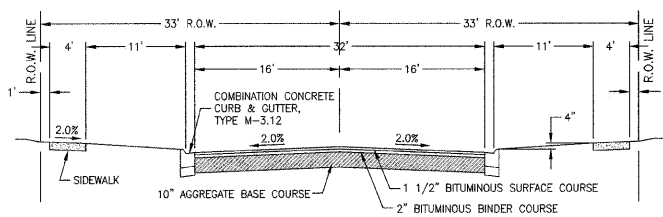
BURNS ROAD WEST - STA. 0+00 TO STA. 7+50
NOT TO SCALE



BURNS ROAD WEST - STA. 7+50 TO STA. 26+00
NOT TO SCALE

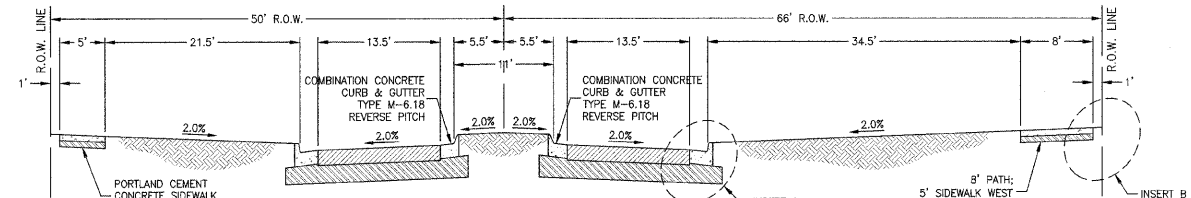


BURNS ROAD WEST - STA. 26+00 TO STA. 33+67.18
NOT TO SCALE

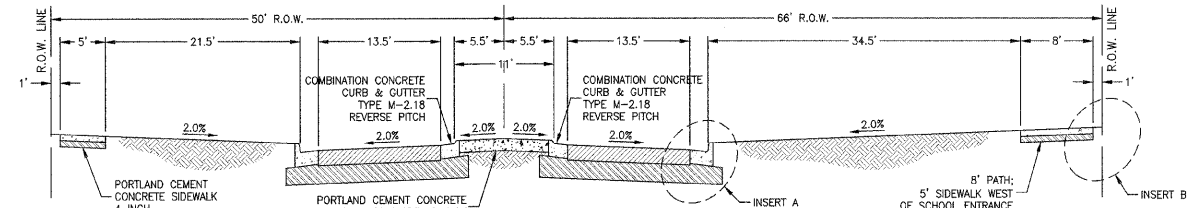


EXISTING SIDE STREETS TYPICAL PAVEMENT SECTION
NOT TO SCALE

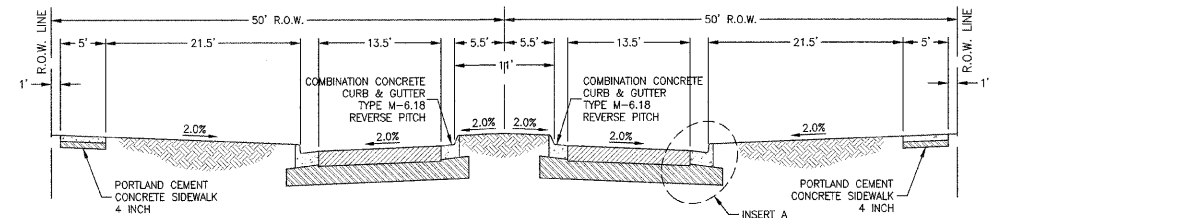
TYPICAL PROPOSED ROADWAY CROSS SECTIONS



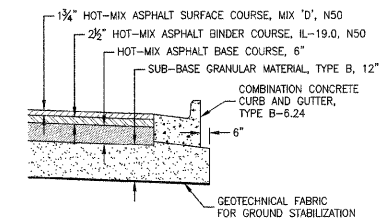
BURNS ROAD WEST - STA. 0+00 TO STA. 23+81
NOT TO SCALE



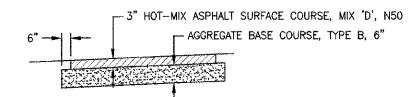
BURNS ROAD WEST - STA. 23+86 TO STA. 25+90
NOT TO SCALE



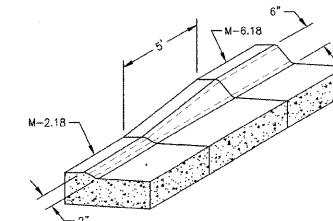
BURNS ROAD WEST - STA. 25+95 TO STA. 33+67.18
NOT TO SCALE



INSERT A
NOT TO SCALE



INSERT B (PATH)
NOT TO SCALE



TYPICAL TRANSITION FOR COMBINATION CONCRETE CURB & GUTTER, TYPE M
NOT TO SCALE

FAU. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	4
CONTRACT NO. 87315				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				

TYSON ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
DESIGN FIRM LICENSE #184-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
PHONE (815) 932-7406

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

TYPICAL ROADWAY CROSS SECTIONS

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION
03-00058-01-FP

DATE:	3/23/12	JOB NO.	E05055
SCALE:	N/A	FILE NO.	
DRAWN BY:	MRG	SHEET	4
CHECKED BY:	SRM		36

EROSION CONTROL SCHEDULE				
LOCATION	TEMP. EROSION CONTROL SEEDING (POUND)	PERIMETER EROSION BARRIER (FOOT)	INLET AND PIPE PROTECTION (EACH)	STABILIZED CONSTRUCTION ENTRANCE (SQ YD)
STA 0+00 TO 11+59	28			125
STA 0+00				
STA 0+68			1	
STA 1+25			2	
STA 2+00			4	
STA 3+75			4	
STA 5+50			4	
STA 7+70			4	
STA 10+10			4	
STA 11+59 TO 26+03	27			
STA 11+75			4	
STA 13+75			4	
STA 15+00			4	
STA 16+70			4	
STA 18+30			4	
STA 21+38			4	
STA 23+00			4	
STA 25+00			4	
STA 26+03 TO 33+67	11			
STA 26+50			2	
STA 30+50			2	
STA 32+10			4	
STA 93+85 TO 102+00 RT	7			
STA 93+85 RT		30		
STA 94+41 RT			1	
STA 94+98 RT			1	
STA 95+68 RT			1	
STA 99+33 RT			1	
STA 101+22 RT			1	
TOTAL	73	30	68	125

TRENCH BACKFILL SCHEDULE		
LOCATION	TRENCH BACKFILL SPECIAL (CU YD)	
STA 0+30 TO 0+71 - 33 LT	7	BURNS
STA 1+25	6	BURNS
STA 2+00	8	BURNS
STA 3+75	8	BURNS
STA 5+50	8	BURNS
STA 6+98 TO 7+40 - 38 LT	6	SCHOOL ENTRANCE
STA 7+70	8	BURNS
STA 10+10	8	BURNS
STA 11+80	8	BURNS
STA 12+93 TO 13+61 - 33 LT	10	BROOKFIELD
STA 13+75	8	BURNS
STA 15+00	8	BURNS
STA 16+70	8	BURNS
STA 18+35	8	BURNS
STA 20+50 TO 21+32 - 33 LT	12	PRAIRIE CHASE
STA 21+38	9	BURNS
STA 23+00	8	BURNS
STA 25+00	8	BURNS
STA 25+98 TO 26+12 - 33 LT	4	PATH
STA 26+50	6	BURNS
STA 30+50	6	BURNS
STA 32+10	8	BURNS
STA 94+38 TO 95+00 - 31 RT	19	SCHOOL ENTRANCE
STA 99+29 TO 100+33 - 30 RT	12	BURNS
STA 100+33 TO 100+71 - 30 RT	0	BURNS
TOTAL	201	

REMOVALS SCHEDULE					
LOCATION	COMBINATION CONC. CURB & GUTTER REMOVAL AND REPLACEMENT (FOOT)	PAVEMENT REMOVAL & REPLACEMENT (SQ YD)	STORM SEWER REMOVAL		REMOVE INLETS (EACH)
			24" (FOOT)	15" (FOOT)	
STA 0+40 TO 0+68 LT				40	
STA 6+73 TO 7+74 RT			101		
STA 6+88 TO 7+42 LT				54	
STA 93+85 TO 95+19 RT			134		3
STA 94+40 TO 94+99 RT		66			
STA 94+40 RT	10				
STA 94+99 RT	10				
STA 99+19 TO 99+94 RT			75		
TOTAL	20	66	310	94	3

MISCELLANEOUS SCHEDULE				
LOCATION	MANHOLES TO BE ADJUSTED (EACH)	VALVE BOXES TO BE ADJUSTED (EACH)	RELOCATE EXISTING SIGNS (EACH)	
STA 0+64 LT			1	STOP
STA 7+04 - 52 LT			1	STOP
STA 7+44 - 52 RT			1	STOP
STA 20+48 - 59 RT		1		
STA 20+49 - 52 RT		1		
STA 21+25 - 46 LT	1			
STA 24+74 - 39 LT	1			
STA 28+74 - 39 LT	1			
STA 32+74 - 39 LT	1			
STA 98+62 RT	1			
STA 99+25 RT	1			
TOTAL	6	2	3	

SIGNS				
LOCATION	SIGN PANEL TYPE I (SQ FT)	METAL POST TYPE A (FOOT)	BARRICADES TYPE III (EACH)	
STA 13+27 - 50 LT			2	
STA 20+90 - 50 LT			2	
STA 21+08 - 62 RT	6.25	12.5		STOP SIGN (R1-1) (30"x30")
STA 25+90 - 26 RT	6.00	13		BICYCLE WARNING (W11-1) (24"x24") DIAGONAL ARROW (W16-7P) (24"x12")
STA 25+90 - 36 RT	4.00	12		NO MOTOR VEHICLES (R5-3) (24"x24")
STA 25+97 - 26 LT	2.25	11.5		STOP SIGN (R1-1) (18"x18")
STA 26+07 - 26 RT	2.25	11.5		STOP SIGN (R1-1) (18"x18")
STA 26+13 - 28 RT	6.00	13		BICYCLE WARNING (W11-1) (24"x24") DIAGONAL ARROW (W16-7P) (24"x12")
STA 26+13 - 36 RT	4.00	12		NO MOTOR VEHICLES (R5-3) (24"x24")
TOTAL	30.75	85.5	4	


SIDEWALK SCHEDULE		
LOCATION	PORTLAND CEMENT CONCRETE EXISTING SIDEWALK 4" (SQ FT)	DETECTABLE WARNINGS (SQ FT)
STA 0+50 TO 6+96 RT	3230	8
STA 0+50 TO 7+04 LT	3270	16
STA 7+33 TO 13+09 LT	2940	24
STA 7+41 TO 7+46 RT	40	16
STA 12+97 RT	160	8
STA 13+45 TO 20+73 LT	3800	32
STA 13+56 RT	160	8
STA 20+59 RT	120	8
STA 20+65 TO 20+70 RT	40	16
STA 21+05 TO 21+10 RT	40	16
STA 21+09 TO 33+67 LT	6390	16
STA 21+17 RT	95	8
STA 26+01	200	64
STA 26+01 TO 33+67 RT	3830	
STA 94+93 TO 99+50 RT	2285	16
TOTAL	26600	256

TURF ESTABLISHMENT SCHEDULE		
LOCATION	SEEDING CLASS 2A (ACRE)	MULCH METHOD 3 (ACRE)
STA 0+50 TO 11+59	2.00	2.00
STA 11+59 TO 26+03	1.90	1.90
STA 26+03 TO 33+67	0.55	0.55
STA 93+85 TO 102+00 RT	0.50	0.50
TOTAL	4.95	4.95

TREES SCHEDULE		
LOCATION	REMOVAL	
	(6 TO 15 UNITS)	(OVER 15 UNITS)
STA 8+33		23
STA 8+39	9	
STA 8+40		27
STA 8+73		20
STA 8+73	7	
STA 8+73	8, 8, 12, 12, 12, 12	
STA 8+80		20
STA 8+95	12, 12	18, 18
STA 9+13		20
STA 9+25	6, 15	
STA 9+34	9	22
STA 9+36	9	
STA 9+51	11, 12	
STA 9+64	12	
STA 9+66	6, 6, 9	
STA 9+70	6, 12	
STA 9+87	12	
STA 9+90		17
STA 9+99	15	
STA 10+03		18
STA 10+18	10	
STA 10+30	12	
STA 10+31		21
STA 10+64		31
STA 10+78		23
STA 10+84		31
STA 10+98		20
STA 11+10	9	
STA 11+12	9	
STA 11+15		23
STA 11+60		23
STA 11+66	6	
STA 11+84	12	
STA 11+93	8	
STA 12+35	8	
STA 12+38	15	
STA 12+56		22
STA 12+57		17
STA 12+78	8	
STA 12+93	11	
STA 12+94		32
STA 13+00		21
STA 13+02	9	
STA 13+10		24
STA 13+21 - 15 LT	14	
STA 13+25		35
STA 14+31	8, 15	22
STA 15+82		25
TOTAL	318	573

PAVEMENT SCHEDULE														
LOCATION	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)	SUB-BASE GRANULAR MATERIAL TYPE B 12" (SQ YD)	AGGREGATE BASE COURSE TYPE B (SQ YD)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SQ YD)	AGGREGATE SHOULDERS TYPE A 6" (SQ YD)	HOT-MIX ASPHALT SHOULDERS 8" (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER			HOT-MIX ASPHALT BASE COURSE 6" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50 (TON)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50 (TON)		
							6" (SQ YD)	8" (SQ YD)	TYPE B-6.24 (FOOT)				TYPE M-2.18 (FOOT)	TYPE M-6.18 (FOOT)
STA 0+08 TO 1+15	1223	1223							318		1120	110	157	
STA 1+15 TO 2+54	726	726							278		633	62	89	
STA 2+54 TO 5+03	1096	1096							498	498	792	78	111	
STA 5+03 TO 9+35	2606	2606							898		2310	226	323	
STA 7+48 TO 20+85 RT			1319									197		
STA 9+35 TO 11+20	826	826							370	370	600	59	84	
STA 11+20 TO 13+85	1540	1540							526		1367	134	191	
STA 13+85 TO 18+60	2028	2028							950	950	1447	142	203	
STA 18+60 TO 23+18	2789	2789							948		2432	238	340	
STA 21+10 TO 26+00 RT			490									73		
STA 23+18 TO 23+86	310	310							136	136	227	22	32	
STA 23+86 TO 25+90	861	861		227					408	408	612	60	86	
STA 25+90 TO 32+20	2682	2682							1260	1260	1912	187	268	
STA 26+00			28									4		
STA 32+20 TO 33+67	768	768							294		670	66	94	
STA 98+00 TO 98+54 RT					33									
STA 98+54 TO 98+78 RT			22			22								
STA 101+20 TO 101+45 RT			22			22								
STA 101+45 TO 101+95 RT					33									
TOTAL	17455	17455	1881	227	66	44	6884	408	3214	14122	1658	1978		


EARTH EXCAVATION SCHEDULE					
LOCATION	EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EMBANKMENT (CU YD)	WASTE (CU YD)	
STA 0+08 TO 33+67	26297	2479	1053	24981	WEST BURNS
TOTAL	26297	2479	1053	24981	

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	KANKAKEE	36	5
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS				
FED. AID PROJECT				
* BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				
 TYSON ENGINEERING, INC. CONSULTING CIVIL ENGINEERS LAND SURVEYORS DESIGN FIRM LICENSE #184-001136 367 SOUTH SCHUYLER AVENUE KANKAKEE, ILLINOIS 60901 PHONE (815) 932-7406				
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	
SCHEDULE OF QUANTITIES PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE				
SECTION 03-00058-01-FP				
DATE:	3/23/12	JOB NO.	E05055	
SCALE:	N/A	FILE NO.		
DRAWN BY:	MRG	SHEET	5	
CHECKED BY:	SRM		36	

I:\2012\030558\Drawings\030558-01-FP.dwg, 03/23/12, 10:12:34 AM

STORM SEWER PIPE SCHEDULE										
LOCATION	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	STORM SEWERS, CLASS A, TYPE 1						STORM SEWERS CLASS A, TYPE 2		STORM SEWERS TYPE 1 REINFORCED CONCRETE ELLIPTICAL PIPE SPAN 53, RISE 34 (FOOT)
		18" (EACH)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	24" (FOOT)	30" (FOOT)	
STA 0+30 TO 0+68 LT								38		
STA 0+68 TO 1+25 LT								57		
STA 1+25		55								
STA 1+25 TO 2+00 LT								75		
STA 2+00		75								
STA 2+00 TO 3+75 LT								175		
STA 3+75		75								
STA 3+75 TO 5+50 LT								175		
STA 5+50		75								
STA 5+50 TO 7+70 LT					220					
STA 7+70		75								
STA 7+70 TO 10+10 LT								240		
STA 10+10		75								
STA 10+10 TO 11+75 LT					165					
STA 11+75		75								
STA 11+75 TO 13+75 LT						200				
STA 13+75		75								
STA 13+75 TO 15+00 LT						125				
STA 15+00		75								
STA 15+00 TO 16+70 LT						170				
STA 16+70		75								
STA 16+70 TO 18+30 LT					165					
STA 18+30		75								
STA 18+30 TO 21+38 LT			303							
STA 21+38		75								
STA 21+38 TO 23+00 LT			162							
STA 23+00		75								
STA 23+00 TO 25+00 LT			200							
STA 25+00		75								
STA 25+00 TO 28+50 LT			150							
STA 28+50		55								
STA 30+50		55								
STA 30+50 TO 32+10 RT			160							
STA 32+10		75								
STA 32+10 TO 33+58 RT			148							
STA 93+85 TO 94+40 RT						55				
STA 94+40 TO 94+98 RT						58				
STA 94+98 TO 95+67 RT						69				
STA 95+67 TO 99+31 RT							364			
STA 99+31 TO 100+33 RT						102				
STA 100+33 TO 101+22 RT	1			89						
STA 316+70 TO 320+62									392	
TOTAL	1	1725	613	254	880	804	240	364	392	

PAVEMENT MARKING SCHEDULE						
LOCATION	THERMOPLASTIC PAVEMENT MARKING					
	LETTERS AND SYMBOLS (SQ FT)	LINE 4" (FOOT)	LINE 8" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)	
STA 0+47			180	180		CROSS WALK WHITE
STA 0+54					42	STOP BAR WHITE
STA 0+54 TO 2+00			146			LINE WHITE
STA 0+54 TO 2+53			398		6	LINE YELLOW
STA 0+70	15.6					LEFT ARROW WHITE
STA 1+95	15.6					LEFT ARROW WHITE
STA 2+00 TO 3+00			25			DOTTED LINE WHITE
STA 4+36 TO 5+57			30			DOTTED LINE WHITE
STA 5+04 TO 6+72			336		6	LINE YELLOW
STA 5+57 TO 6+82			115			LINE WHITE
STA 5+65	15.6					LEFT ARROW WHITE
STA 6+55	15.6					LEFT ARROW WHITE
STA 6+72					12	STOP BAR WHITE
STA 7+19 LT			48	48	12	CROSSWALK WHITE AND STOP BAR
STA 7+19 RT			80	78	20	CROSS WALK WHITE AND STOP BAR
STA 7+65					12	STOP BAR WHITE
STA 7+66 TO 8+81			115			LINE WHITE
STA 7+66 TO 9+34			336		6	LINE YELLOW
STA 7+80	15.6					LEFT ARROW WHITE
STA 8+81 TO 9+81			25			DOTTED LINE WHITE
STA 8+75	15.6					LEFT ARROW WHITE
STA 10+74 TO 11+74			25			DOTTED LINE WHITE
STA 11+21 TO 12+89			336		6	LINE YELLOW
STA 11+74 TO 12+89			115			LINE WHITE
STA 11+80	15.6					LEFT ARROW WHITE
STA 12+75	15.6					LEFT ARROW WHITE
STA 12+89					12	STOP BAR WHITE
STA 12+97			98	96		CROSS WALK WHITE
STA 13+27 LT			60	60		CROSS WALK WHITE
STA 13+57			88	84		CROSS WALK WHITE
STA 18+13 TO 19+13			25			DOTTED LINE WHITE
STA 18+60 TO 20+28			336		6	LINE YELLOW
STA 19+13 TO 20+28			115			LINE WHITE
STA 19+20	15.6					LEFT ARROW WHITE
STA 20+15	15.6					LEFT ARROW WHITE
STA 20+28					12	STOP BAR WHITE
STA 20+86			100	96		CROSS WALK WHITE
STA 20+88 RT			60	60	14	CROSS WALK WHITE AND STOP BAR
STA 20+91 LT			60	60		CROSS WALK WHITE
STA 21+23			100	96		CROSS WALK WHITE
STA 21+50					12	STOP BAR WHITE
STA 21+50 TO 22+65			115			LINE WHITE
STA 21+50 TO 23+18			336		6	LINE YELLOW
STA 21+65	15.6					LEFT ARROW WHITE
STA 22+80	15.6					LEFT ARROW WHITE
STA 22+65 TO 23+65			25			DOTTED LINE WHITE
STA 26+01			62	48		CROSS WALK WHITE AND STOP BARS
STA 31+73 TO 32+73			25			DOTTED LINE WHITE
STA 32+20 TO 33+88			336		6	LINE YELLOW
STA 32+73 TO 33+88			115			LINE WHITE
STA 32+80	15.6					LEFT ARROW WHITE
STA 33+70	15.6					LEFT ARROW WHITE
STA 33+88					12	STOP BAR WHITE
TOTAL	218.4	2414	1952	948	160	

FAU. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																												
*	**	KANKAKEE	36	6																																												
CONTRACT NO. 87315																																																
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT																																																
* BURNS ROAD WEST - FAU 6212																																																
** 03-00058-01-FP																																																
 TYSON ENGINEERING, INC. CONSULTING CIVIL ENGINEERS LAND SURVEYORS DESIGN FIRM LICENSE #184-001136 367 SOUTH SCHUYLER AVENUE KANKAKEE, ILLINOIS 60901 PHONE (815) 932-7406																																																
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Tyson Engineering Inc. and is not to be used in whole or in part, for any other project without written authorization of Tyson Engineering Inc. Do not scale drawings. Use dimensions only. Contractor shall be responsible for verifying all dimensions. Information hereon and herein is confidential.																																																
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <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> <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> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					NO.	DATE	BY	DESCRIPTION																																								
NO.	DATE	BY	DESCRIPTION																																													
SCHEDULE OF QUANTITIES																																																
PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE																																																
SECTION 03-00058-01-FP																																																
DATE:	3/23/12	JOB NO.	E05055																																													
SCALE:	N/A	FILE NO.																																														
DRAWN BY:	MRG	SHEET	6																																													
CHECKED BY:	SRM		36																																													

STORM SEWER STRUCTURE SCHEDULE

- 1) STA: 93+85 35' RT CONNECT TO EXISTING FES INV. = 667.38 1-1A: 55 LF 30" RCP @ 0.15%
- 1A) STA: 94+40 31' RT 5' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE EOP = 672.50 30" N FL IN = 667.63 30" S FL OUT = 667.46 1A-1B: 58 LF 30" RCP @ 0.14%
- 1B) STA: 94+98 31' RT 5' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE EOP = 673.10 30" N FL IN = 667.71 30" S FL OUT = 667.71 1B-1C: 69 LF 30" RCP @ 0.14%
- 1C) STA: 95+67 30' RT 5' DIA. TYPE 'A' MANHOLE W/TYPE 8 GRATE T/RIM = 672.00 30" N FL IN = 667.81 30" S FL OUT = 667.81 1C-2: 364 LF 30" RCP @ 0.50%
- 2) STA: 99+31 30' RT 5' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE EOP = 675.97 30" N FL IN = 671.98 30" S FL OUT = 669.63 2-3: 102 LF 30" RCP @ 0.14%
- 3) STA: 100+33 30' RT 6' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 677.41 18" N FL IN = 674.00 30" E FL IN = 672.12 30" S FL OUT = 672.12 3-4: 89 LF 18" RCP @ 2.30% 3-5: 38 LF 30" RCP @ 0.14%
- 4) STA: 101+22 30' RT 18" FES INV = 676.05
- 5) STA: 0+88 33' LT 5' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE EOP = 677.14 EX 15" RCP NE FL IN = 675.08 30" E FL IN = 672.35 30" W FL OUT = 672.17 5-6: 57 LF 30" RCP @ 0.13%
- 6) STA: 1+25 33' LT 5' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 677.35 12" S FL IN = 673.06 30" E FL IN = 672.86 30" W FL OUT = 672.42 6-7: 10 LF 12" RCP @ 1.00% 6-13: 75 LF 30" RCP @ 0.13%
- 7) STA: 1+25 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 676.71 12" S FL IN = 673.16 12" N FL OUT = 673.16 7-8: 45 LF 12" RCP @ 1.00%
- 8) STA: 1+25 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 676.61 12" N FL OUT = 673.61
- 13) STA: 2+00 33' LT 5' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 677.54 12" S FL IN = 673.35 30" E FL IN = 673.05 30" W FL OUT = 672.96 13-14: 10 LF 12" RCP @ 1.00% 13-18: 175 LF 30" RCP @ 0.13%
- 14) STA: 2+00 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 676.96 12" S FL IN = 673.45 12" E FL IN = 673.90 12" N FL OUT = 673.45 14-15: 10 LF 12" RCP @ 1.00% 14-16: 45 LF 12" RCP @ 1.00%
- 15) STA: 2+10 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 677.00 12" W FL OUT = 674.00
- 16) STA: 2+00 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 676.96 12" E FL IN = 673.90 12" N FL OUT = 673.90 16-17: 10 LF 12" RCP @ 1.00%
- 17) STA: 2+10 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 677.00 12" W FL OUT = 674.00
- 18) STA: 3+75 33' LT 5' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 678.24 12" S FL IN = 674.05 30" E FL IN = 673.45 30" W FL OUT = 673.28 18-19: 10 LF 12" RCP @ 1.00% 18-30: 175 LF 30" RCP @ 0.13%
- 19) STA: 3+75 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 677.66 12" S FL IN = 674.15 12" E FL IN = 674.60 12" N FL OUT = 674.05 19-20: 10 LF 12" RCP @ 1.00% 19-21: 45 LF 12" RCP @ 1.00%
- 20) STA: 3+85 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 677.70 12" E FL OUT = 674.70
- 21) STA: 3+75 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 677.66 12" E FL IN = 674.60 12" N FL OUT = 674.60 21-22: 10 LF 12" RCP @ 1.00%
- 22) STA: 3+85 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 677.70 12" W FL OUT = 674.70
- 30) STA: 5+50 33' LT 5' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 678.94 12" S FL IN = 674.75 24" E FL IN = 674.79 30" W FL OUT = 673.68 30-31: 10 LF 12" RCP @ 1.00% 30-42: 220 LF 24" RCP @ 0.30%
- 31) STA: 5+50 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 678.36 12" E FL IN = 675.30 12" S FL IN = 674.85 12" N FL OUT = 674.85 31-32: 10 LF 12" RCP @ 1.00% 31-33: 45 LF 12" RCP @ 1.00%
- 32) STA: 5+60 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 678.40 12" W FL OUT = 675.40
- 33) STA: 5+50 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 678.36 12" E FL IN = 675.30 12" N FL OUT = 675.30 33-34: 10 LF 12" RCP @ 1.00%
- 34) STA: 5+60 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 677.14 12" W FL OUT = 675.40
- 42) STA: 7+70 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 680.07 12" S FL IN = 675.95 24" E FL IN = 676.82 24" W FL OUT = 675.45 42-43: 10 LF 12" RCP @ 1.00% 42-50: 240 LF 24" RCP @ 0.40%
- 43) STA: 7+70 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 679.49 12" E FL IN = 679.50 12" S FL IN = 679.05 12" N FL OUT = 678.05 43-44: 10 LF 12" RCP @ 1.00% 43-45: 45 LF 12" RCP @ 1.00%
- 44) STA: 7+80 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 679.60 12" W FL OUT = 676.60
- 45) STA: 7+70 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 679.49 12" E FL IN = 676.50 12" N FL OUT = 676.50 45-46: 10 LF 12" RCP @ 1.00%
- 46) STA: 7+80 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 679.60 12" W FL OUT = 676.60
- 50) STA: 10+10 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 683.20 12" S FL IN = 679.05 24" E FL IN = 679.05 24" W FL OUT = 677.78 50-51: 10 LF 12" RCP @ 1.00% 50-55: 170 LF 24" RCP @ 0.21%
- 51) STA: 10+10 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 682.82 12" E FL IN = 679.60 12" S FL IN = 679.15 12" N FL OUT = 679.15 51-52: 10 LF 12" RCP @ 1.00% 51-53: 45 LF 12" RCP @ 1.00%
- 52) STA: 10+20 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 682.70 12" W FL OUT = 679.70
- 53) STA: 10+10 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 682.82 12" E FL IN = 679.60 12" N FL OUT = 679.60 53-54: 10 LF 12" RCP @ 1.00%
- 54) STA: 10+20 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 682.70 12" W FL OUT = 679.70
- 55) STA: 11+80 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 684.02 12" S FL IN = 679.77 24" E FL IN = 679.87 24" W FL OUT = 679.41 55-56: 10 LF 12" RCP @ 1.00% 55-60: 195 LF 24" RCP @ 0.17%
- 56) STA: 11+80 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 683.38 12" E FL IN = 680.32 12" S FL IN = 679.87 12" N FL OUT = 679.87 56-57: 10 LF 12" RCP @ 1.00% 56-58: 45 LF 12" RCP @ 1.00%
- 57) STA: 11+90 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 683.42 12" W FL OUT = 680.42
- 58) STA: 11+80 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 683.38 12" E FL IN = 680.32 12" S FL IN = 682.87 12" N FL OUT = 680.32 58-59: 10 LF 12" RCP @ 1.00%
- 59) STA: 11+90 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 683.42 12" W FL OUT = 680.42
- 60) STA: 13+75 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 684.80 12" S FL IN = 680.55 24" E FL IN = 680.45 24" W FL OUT = 680.20 60-61: 10 LF 12" RCP @ 1.00% 60-65: 125 LF 24" RCP @ 0.17%
- 61) STA: 13+75 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.16 12" E FL IN = 681.10 12" S FL IN = 680.65 12" N FL OUT = 680.65 61-62: 10 LF 12" RCP @ 1.00% 61-63: 45 LF 12" RCP @ 1.00%
- 62) STA: 13+85 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.20 12" W FL OUT = 681.20
- 63) STA: 13+75 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.16 12" E FL IN = 681.10 12" N FL OUT = 681.10 63-64: 10 LF 12" RCP @ 1.00%
- 64) STA: 13+85 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.20 12" W FL OUT = 681.20
- 65) STA: 15+00 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 685.30 12" S FL IN = 681.05 24" E FL IN = 681.05 24" W FL OUT = 680.66 65-66: 10 LF 12" RCP @ 1.00% 65-70: 170 LF 24" RCP @ 0.17%
- 66) STA: 15+00 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.86 12" E FL IN = 681.80 12" S FL IN = 681.15 12" N FL OUT = 681.15 66-67: 10 LF 12" RCP @ 1.00% 66-68: 45 LF 12" RCP @ 1.00%
- 67) STA: 15+10 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.70 12" W FL OUT = 681.70
- 68) STA: 15+00 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.86 12" E FL IN = 681.80 12" N FL OUT = 681.60 68-69: 10 LF 12" RCP @ 1.00%
- 69) STA: 15+10 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 684.70 12" W FL OUT = 681.70
- 70) STA: 16+70 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 685.98 12" S FL IN = 681.73 18" E FL IN = 681.87 24" W FL OUT = 681.34 70-71: 10 LF 12" RCP @ 1.00% 70-75: 165 LF 18" RCP @ 0.44%
- 71) STA: 16+70 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 685.34 12" E FL IN = 682.28 12" S FL IN = 681.83 12" N FL OUT = 681.83 71-72: 10 LF 12" RCP @ 1.00% 71-73: 45 LF 12" RCP @ 1.00%
- 72) STA: 16+80 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 685.38 12" W FL OUT = 682.38
- 73) STA: 16+70 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 685.34 12" E FL IN = 682.28 12" N FL OUT = 682.28 73-74: 10 LF 12" RCP @ 1.00%
- 74) STA: 16+80 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 685.38 12" W FL OUT = 682.38
- 75) STA: 18+35 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 686.98 12" S FL IN = 682.77 15" E FL IN = 682.94 18" W FL OUT = 682.60 75-76: 10 LF 12" RCP @ 1.00% 75-80: 303 LF 15" RCP @ 0.70%
- 76) STA: 18+35 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 686.34 12" E FL IN = 683.32 12" S FL IN = 682.87 12" N FL OUT = 682.87 76-77: 10 LF 12" RCP @ 1.00% 76-78: 45 LF 12" RCP @ 1.00%
- 77) STA: 18+45 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 686.42 12" W FL OUT = 683.42
- 78) STA: 18+35 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 686.34 12" E FL IN = 683.32 12" N FL OUT = 683.32 78-79: 10 LF 12" RCP @ 1.00%
- 79) STA: 18+45 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 686.42 12" W FL OUT = 683.42
- 80) STA: 21+38 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 689.44 12" S FL IN = 685.19 15" E FL IN = 685.20 15" W FL OUT = 685.06 80-81: 10 LF 12" RCP @ 1.00% 80-85: 162 LF 15" RCP @ 0.60%
- 81) STA: 21+38 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 688.76 12" E FL IN = 685.74 12" S FL IN = 685.29 12" N FL OUT = 685.29 81-82: 10 LF 12" RCP @ 1.00% 81-83: 45 LF 12" RCP @ 1.00%
- 82) STA: 21+48 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 688.84 12" W FL OUT = 685.84
- 83) STA: 21+38 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 688.76 12" E FL IN = 685.74 12" N FL OUT = 685.74 83-84: 10 LF 12" RCP @ 1.00%
- 84) STA: 21+48 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 688.84 12" W FL OUT = 685.84
- 85) STA: 23+00 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 690.40 12" S FL IN = 686.17 12" E FL IN = 686.17 15" W FL OUT = 686.17 85-86: 10 LF 12" RCP @ 1.00% 85-90: 200 LF 12" RCP @ 0.60%
- 86) STA: 23+00 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 689.76 12" E FL IN = 686.72 12" S FL IN = 686.27 12" N FL OUT = 686.27 86-87: 10 LF 12" RCP @ 1.00% 86-88: 45 LF 12" RCP @ 1.00%
- 87) STA: 23+10 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 689.82 12" W FL OUT = 686.82
- 88) STA: 23+00 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 689.76 12" E FL IN = 686.72 12" N FL OUT = 686.72 88-89: 10 LF 12" RCP @ 1.00%
- 89) STA: 23+10 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 689.82 12" W FL OUT = 686.82
- 90) STA: 25+00 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 691.60 12" S FL IN = 687.37 12" E FL IN = 687.41 12" W FL OUT = 687.37 90-91: 10 LF 12" RCP @ 1.00% 90-95: 150 LF 12" RCP @ 0.60%
- 91) STA: 25+00 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 690.96 12" E FL IN = 687.92 12" S FL IN = 687.47 12" N FL OUT = 687.47 91-92: 10 LF 12" RCP @ 1.00% 91-93: 45 LF 12" RCP @ 1.00%
- 92) STA: 25+10 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 691.02 12" W FL OUT = 688.02
- 93) STA: 25+00 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 690.96 12" E FL IN = 687.92 12" N FL OUT = 687.92 93-94: 10 LF 12" RCP @ 1.00%
- 94) STA: 25+10 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 691.02 12" W FL OUT = 688.02
- 95) STA: 26+50 33' LT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 692.50 12" S FL IN = 688.31 12" W FL OUT = 688.31 95-96: 10 LF 12" RCP @ 1.00%
- 96) STA: 26+50 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 691.86 12" S FL IN = 688.41 12" N FL OUT = 688.41 96-97: 45 LF 12" RCP @ 1.00%
- 97) STA: 26+50 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 691.86 12" N FL OUT = 688.86
- 101) STA: 39+54 62' LT 53"x34" ELLIPTICAL FES (TO BE RELOCATED) INV = 682.81
- 101A) STA: 316+70' RELOCATE 53"x34" ELLIPTICAL FES FROM 101 (INCIDENTAL) INV = 682.34 101-101A: 392 LF 53"x34" ELLIPTICAL RCP @ 0.12%
- 120A) STA: 33+58 33' RT 15" PLUG (TO BE REMOVED) INV = 686.72 120A-125: 148 LF 15" RCP @ 0.40%
- 125) STA: 32+10 33' RT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 691.54 12" N FL IN = 687.31 12" W FL IN = 687.35 15" E FL OUT = 687.31 125-126: 10 LF 12" RCP @ 1.00% 125-130: 160 LF 12" RCP @ 0.60%
- 126) STA: 32+10 22' RT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 690.90 12" W FL IN = 687.86 12" N FL IN = 687.41 12" S FL OUT = 687.41 126-127: 10 LF 12" RCP @ 1.00% 126-128: 45 LF 12" RCP @ 1.00%
- 127) STA: 32+00 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 690.96 12" E FL OUT = 687.96
- 128) STA: 32+10 22' LT 3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE EOP = 690.90 12" W FL IN = 687.86 12" S FL OUT = 687.86 128-129: 10 LF 12" RCP @ 1.00%
- 129) STA: 32+00 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 690.96 12" E FL OUT = 687.96
- 130) STA: 30+50 33' RT 4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID T/RIM = 692.50 12" N FL IN = 688.31 12" E FL OUT = 688.31 130-131: 10 LF 12" RCP @ 1.00%
- 131) STA: 30+50 22' RT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 691.86 12" N FL IN = 688.41 12" S FL OUT = 688.41 131-132: 45 LF 12" RCP @ 1.00%
- 132) STA: 30+50 22' LT 2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE EOP = 691.86 12" S FL OUT = 688.86

CONTRACT NO. 03-00558-01-FP
FED. ROAD DIST. NO. ILLINOIS
* BURNS ROAD WEST - FAU 6212
** 03-00558-01-FP
TYSON ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS
CONSULTING LAND SURVEYORS
DESIGN FIRM LICENSE #194-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
PHONE (815) 932-7406

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REVISIONS

NO.	DATE	BY	DESCRIPTION

PROPOSED IMPROVEMENTS FOR
STORM SEWER
STRUCTURE SCHEDULE


BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION 03-00558-01-FP

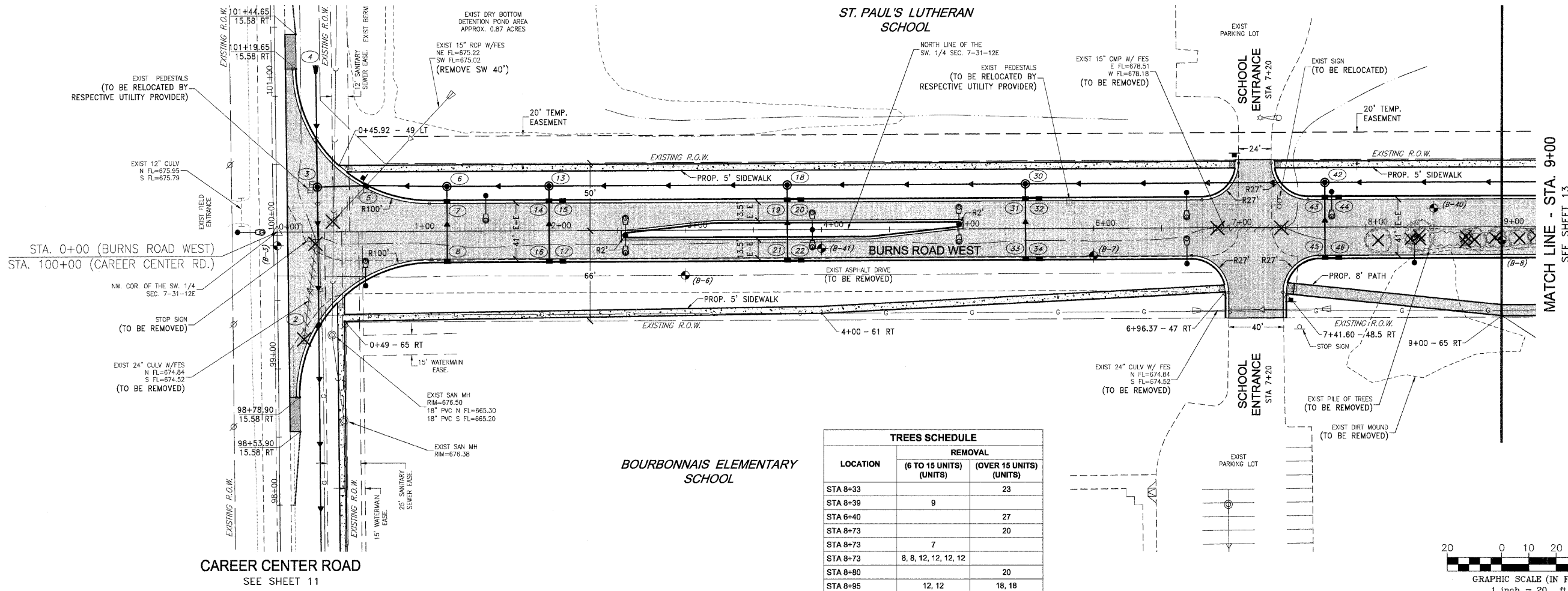
DATE:	3/23/12	JOB NO.	E05055
SCALE:	N/A	FILE NO.	
DRAWN BY:	MRG	SHEET	8
CHECKED BY:	SRM		36

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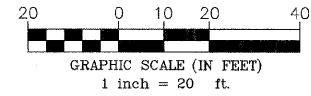
LIGHTING SCHEDULE							
POLE NUMBER	LOCATION	LUMINAIRE SODIUM VAPOR HORZ. MOUNT		LIGHT POLE ALUMINUM		BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT (EACH)	
		150 WATT (EACH)	250 WATT (EACH)	33 FT. M.H. 10 FT. TRUSS ARM (EACH)	33 FT. M.H. 10 FT. TRUSS ARM - TWIN (EACH)		LIGHT POLE FOUNDATION 24" DIA. (FOOT)
1	STA 0-28		1		1	5.5	4
2	STA 0+65 - 39 RT		1		1	5.5	4
3	STA 1+54 - 26 LT	1		1		5.5	4
4	STA 2+56 - 3 RT	2			1	5.5	4
5	STA 3+93	2			1	5.5	4
6	STA 5+00 - 3 LT	2			1	5.5	4
7	STA 6+88 - 26 RT	1		1		5.5	4
8	STA 6+88 - 26 LT	1		1		5.5	4
9	STA 7+75 - 26 LT		1	1		5.5	4
10	STA 8+35 - 26 RT	1		1		5.5	4
11	STA 9+37 - 4 RT	2			1	5.5	4
12	STA 10+76 - 1 LT	2			1	5.5	4
13	STA 11+93 - 26 RT	1		1		5.5	4
14	STA 12+95 - 27 LT		1	1		5.5	4
15	STA 13+90		2		1	5.5	4
16	STA 15+45	2			1	5.5	4
17	STA 17+02	2			1	5.5	4
18	STA 18+57 - 3 LT	2			1	5.5	4
19	STA 19+67 - 26 RT	1		1		5.5	4
20	STA 20+44 - 30 LT		1	1		5.5	4
22	STA 21+31 - 30 RT		1	1		5.5	4
21	STA 20+67 - 78 RT	1		1		5.5	4
23	STA 21+88 - 26 LT	1		1		5.5	4
24	STA 22+71 - 26 RT	1		1		5.5	4
25	STA 23+82	2			1	5.5	4
26	STA 25-93	2			1	5.5	4
27	STA 27+42	2			1	5.5	4
28	STA 28+92	2			1	5.5	4
29	STA 30+41	2			1	5.5	4
30	STA 31+90 - 2 LT	2			1	5.5	4
31	STA 32+95 - 26 RT	1		1		5.5	4
	TOTAL	38	8	16	15	170.5	124

FAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	10
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				
 TYSON ENGINEERING, INC. CONSULTING CIVIL ENGINEERS DESIGN PERM LICENSE #184-001136 367 SOUTH SCHUYLER AVENUE KANKAKEE, ILLINOIS 60901 PHONE (815) 932-7406				
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	
SCHEDULE OF QUANTITIES				
PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE				
SECTION 03-00058-01-FP				
DATE:	3/23/12	JOB NO.	E05055	
SCALE:	N/A	FILE NO.		
DRAWN BY:	MRG	SHEET	10	
CHECKED BY:	SRM		36	

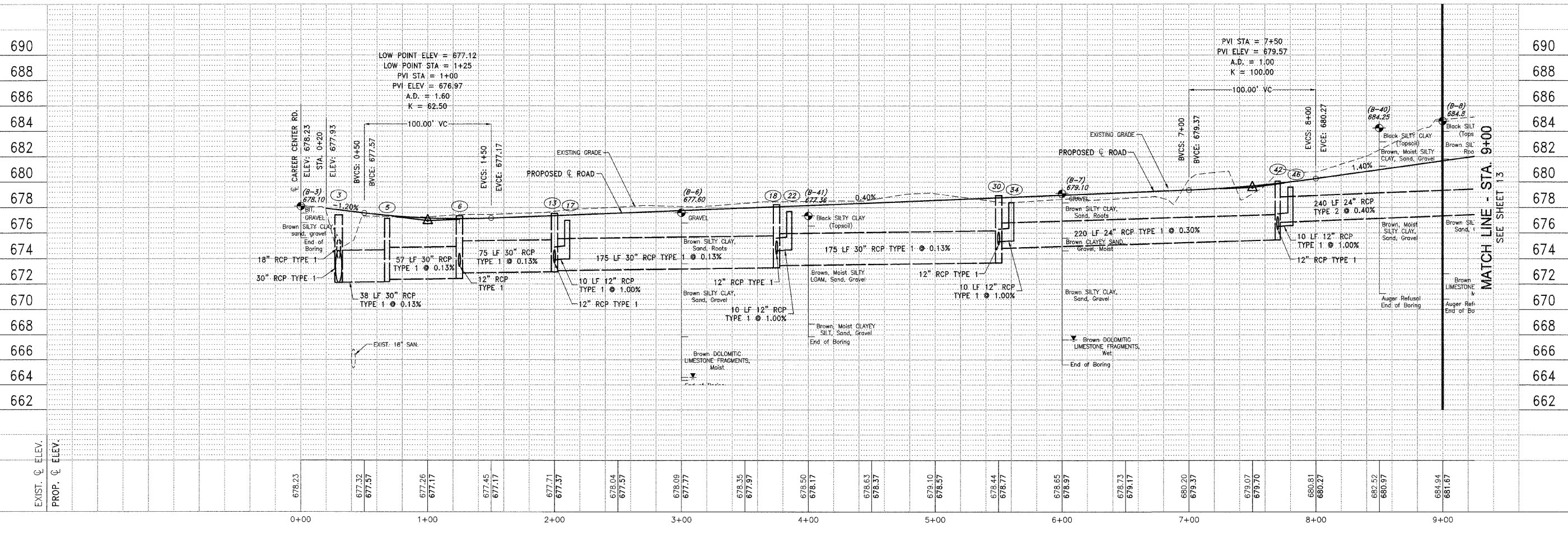
SEE SHEET 11
CAREER CENTER ROAD



LOCATION	REMOVAL	
	(6 TO 15 UNITS) (UNITS)	(OVER 15 UNITS) (UNITS)
STA 8+33		23
STA 8+39	9	
STA 8+40		27
STA 8+73		20
STA 8+73	7	
STA 8+73	8, 8, 12, 12, 12, 12	
STA 8+90		20
STA 8+95	12, 12	18, 18



CAREER CENTER ROAD
SEE SHEET 11



CONTRACT NO. 87315
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* BURNS ROAD WEST - FAU 6212
** 03-00058-01-FP

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

BURNS ROAD WEST
PLAN AND PROFILE
STA. 0+00 TO STA. 9+00

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORZ.: 1"=40' VERT.: 1"=4'	FILE NO.
DRAWN BY: MRG	SHEET
CHECKED BY: SRM	12
	36

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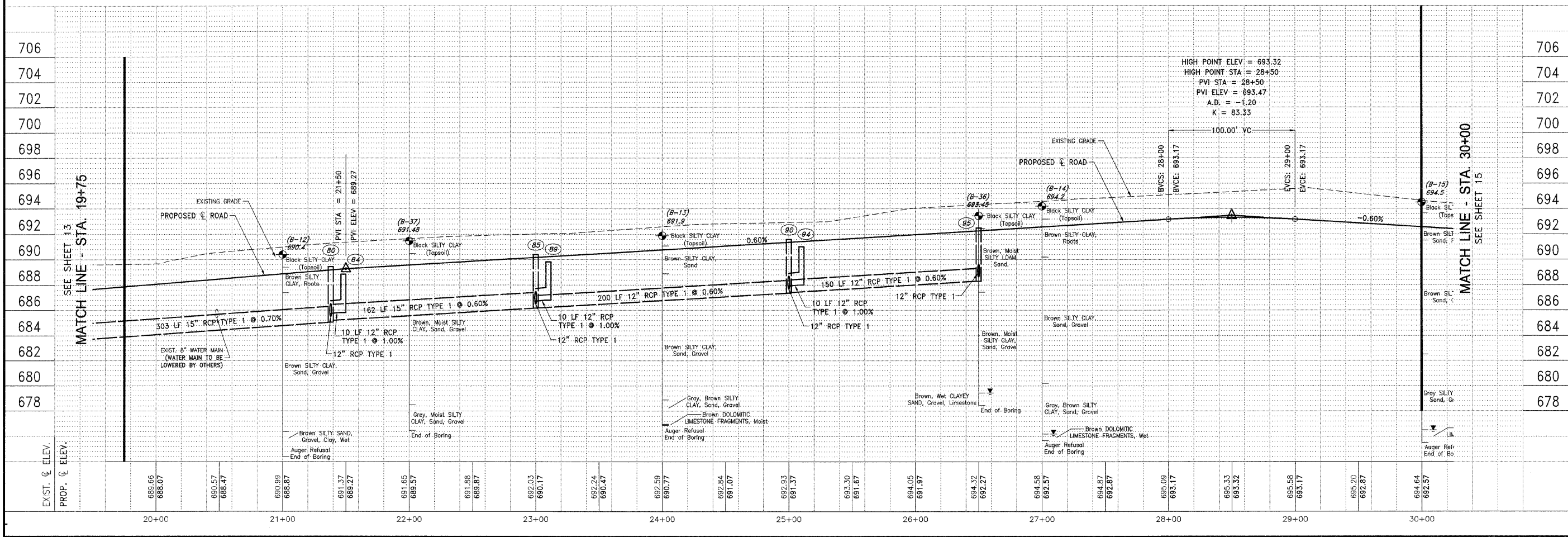
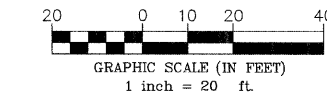
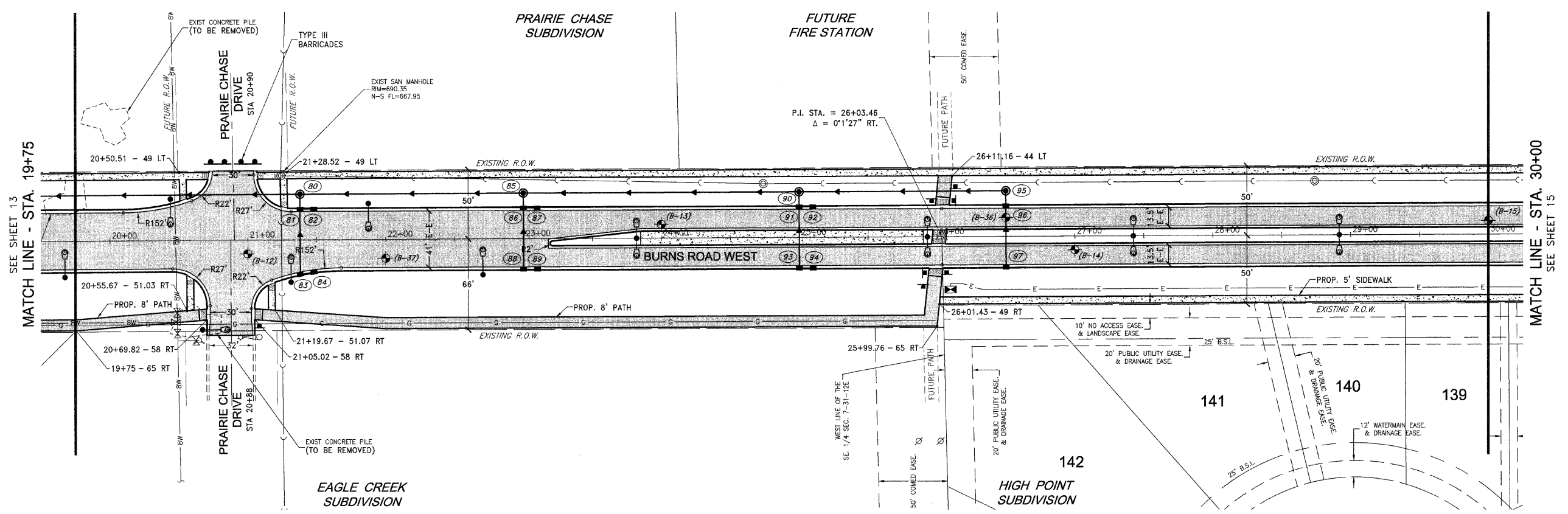
REVISIONS			
NO.	DATE	BY	DESCRIPTION

**BURNS ROAD WEST
PLAN AND PROFILE
STA. 19+75 TO STA. 30+00**

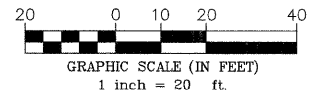
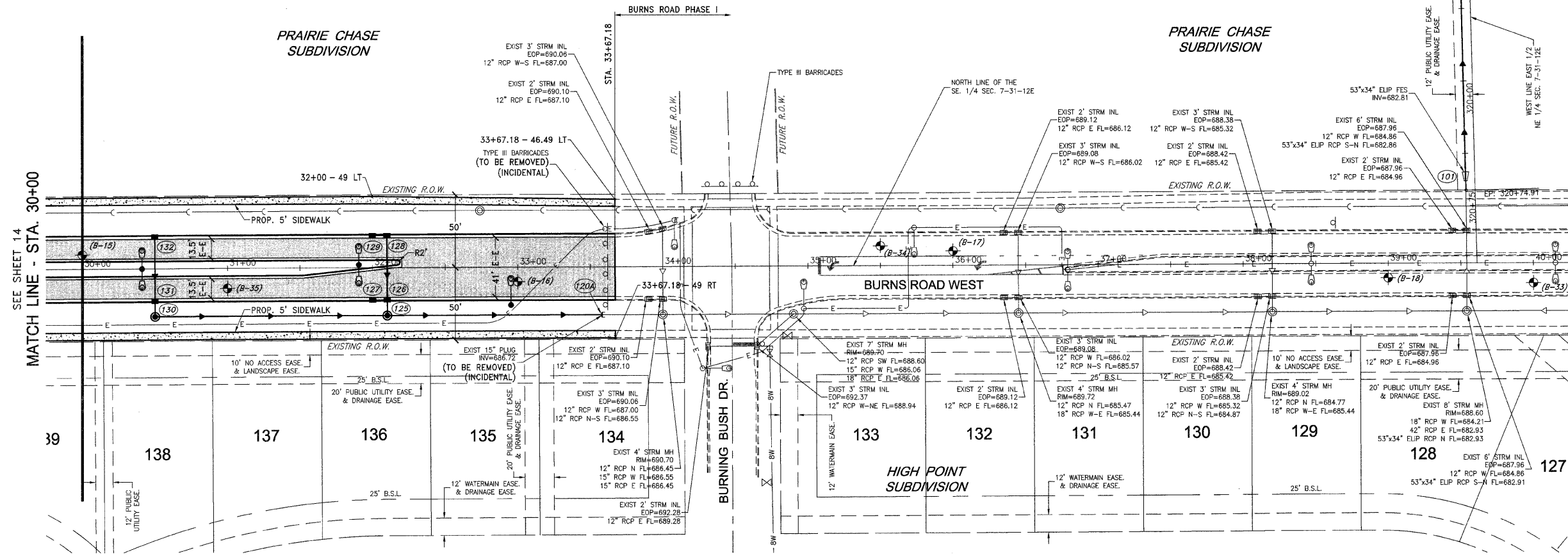
**PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE**

**SECTION
03-00058-01-FP**

DATE: 3/23/12 JOB NO. E05055
SCALE: HORIZ.: 1"=40' FILE NO.
VERT.: 1"=4'
DRAWN BY: MRG SHEET
CHECKED BY: SRM **14**
36



SEE SHEET 16
OUTFALL EXTENSION



FAU. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	KANKAKEE	36	15

CONTRACT NO. 87315

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

* BURNS ROAD WEST - FAU 6212

** 03-00058-01-FP

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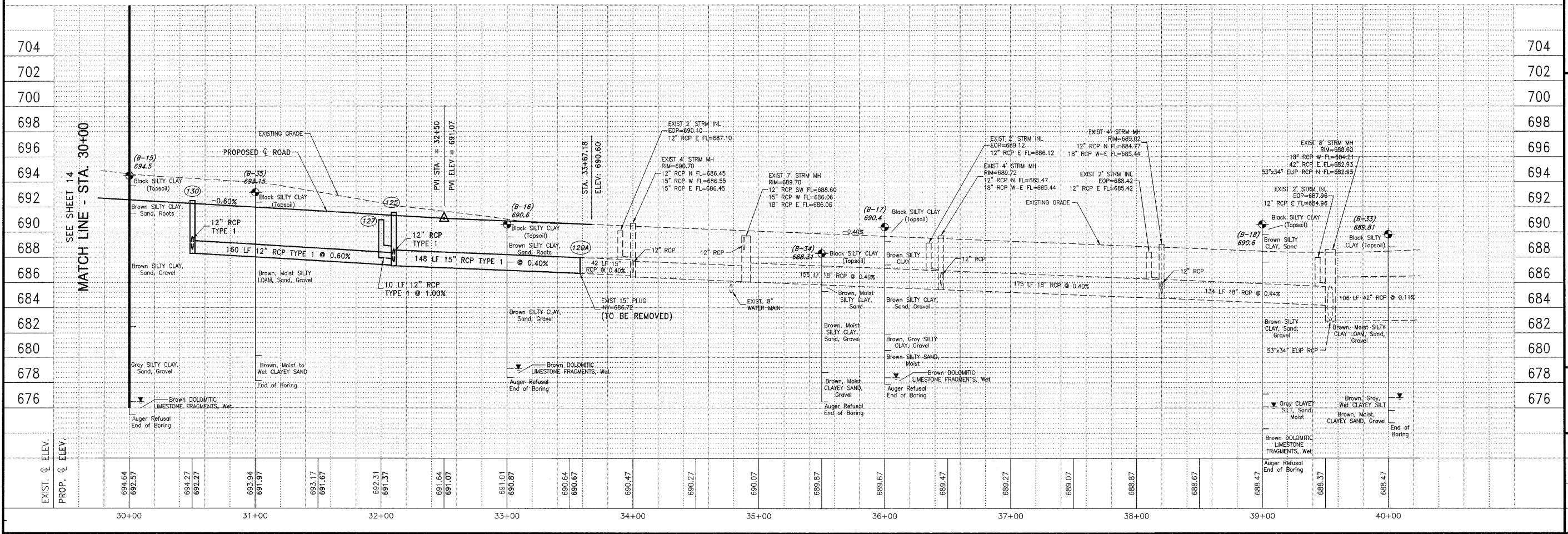
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

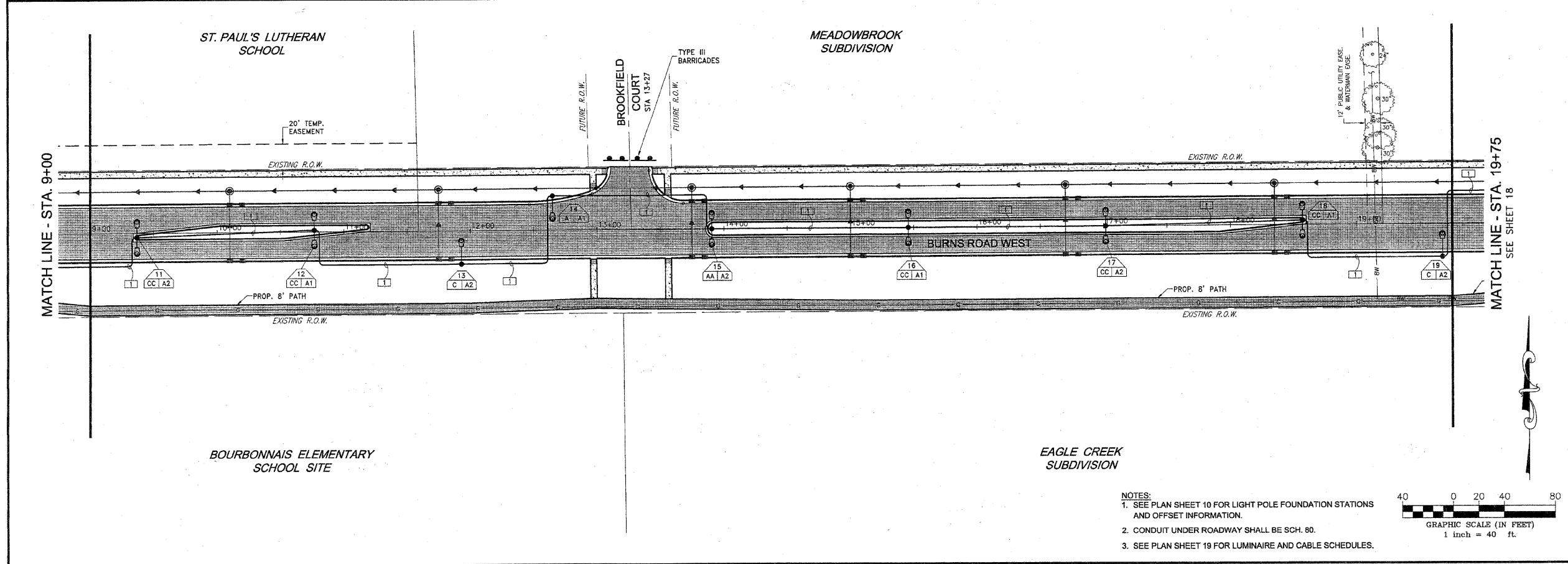
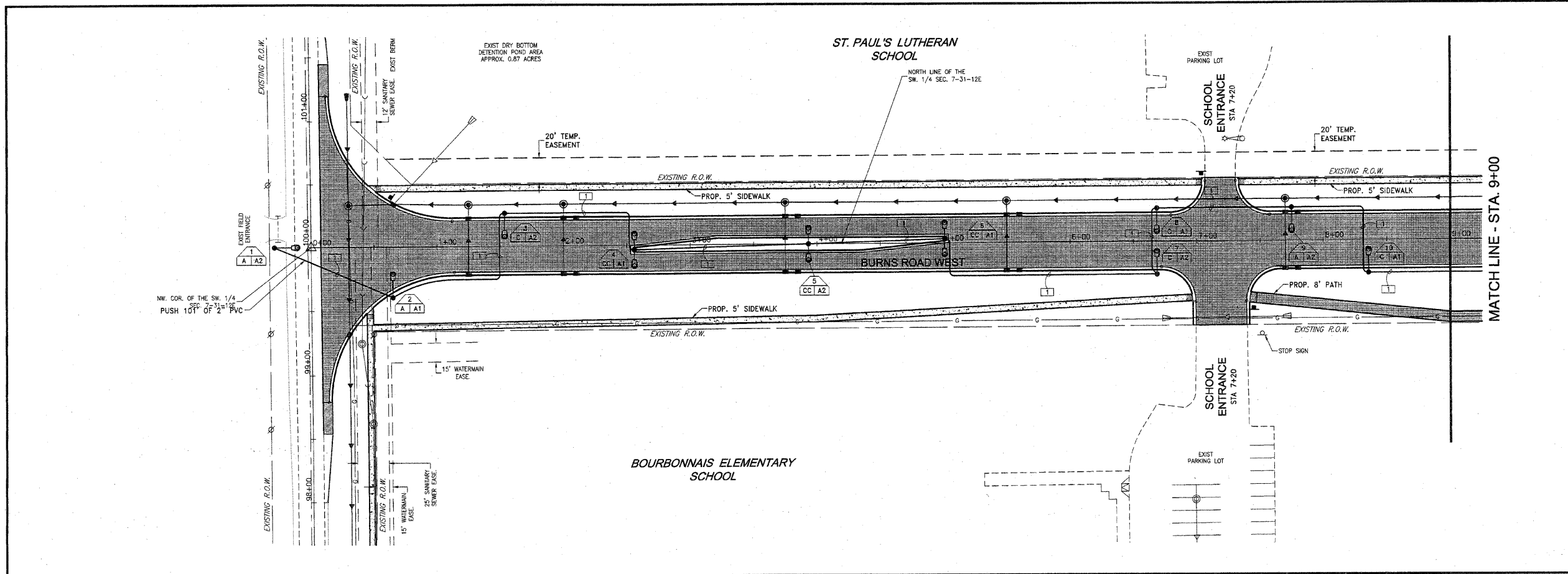
BURNS ROAD WEST
PLAN AND PROFILE
STA. 30+00 TO STA. 40+25

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION
03-00058-01-FP

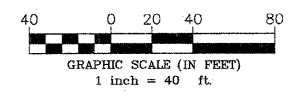


DATE:	3/23/12	JOB NO.	E05055
SCALE:	HORIZ.: 1"=40' VERT.: 1"=4'	FILE NO.	
DRAWN BY:	MRG	SHEET	15
CHECKED BY:	SRM		36



FAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	17
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				
TYSON ENGINEERING, INC.				
ENGINEERING, INC. CONSULTING CIVIL ENGINEERS LAND SURVEYORS DESIGN FIRM LICENSE #184-001136 367 SOUTH SCHUYLER AVENUE KANKAKEE, ILLINOIS 60901 PHONE (815) 852-7406				
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	
LIGHTING INSTALLATION PLAN				
PROJECT: PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE				
SECTION 03-00058-01-FP				
DATE:	3/23/12	JOB NO.	E05055	
SCALE:	HORZ.: 1"=40'	FILE NO.		
	VERT.: N/A			
DRAWN BY:	MRG	SHEET	17	
CHECKED BY:	SRM		36	

- NOTES:
- SEE PLAN SHEET 10 FOR LIGHT POLE FOUNDATION STATIONS AND OFFSET INFORMATION.
 - CONDUIT UNDER ROADWAY SHALL BE SCH. 80.
 - SEE PLAN SHEET 19 FOR LUMINAIRE AND CABLE SCHEDULES.



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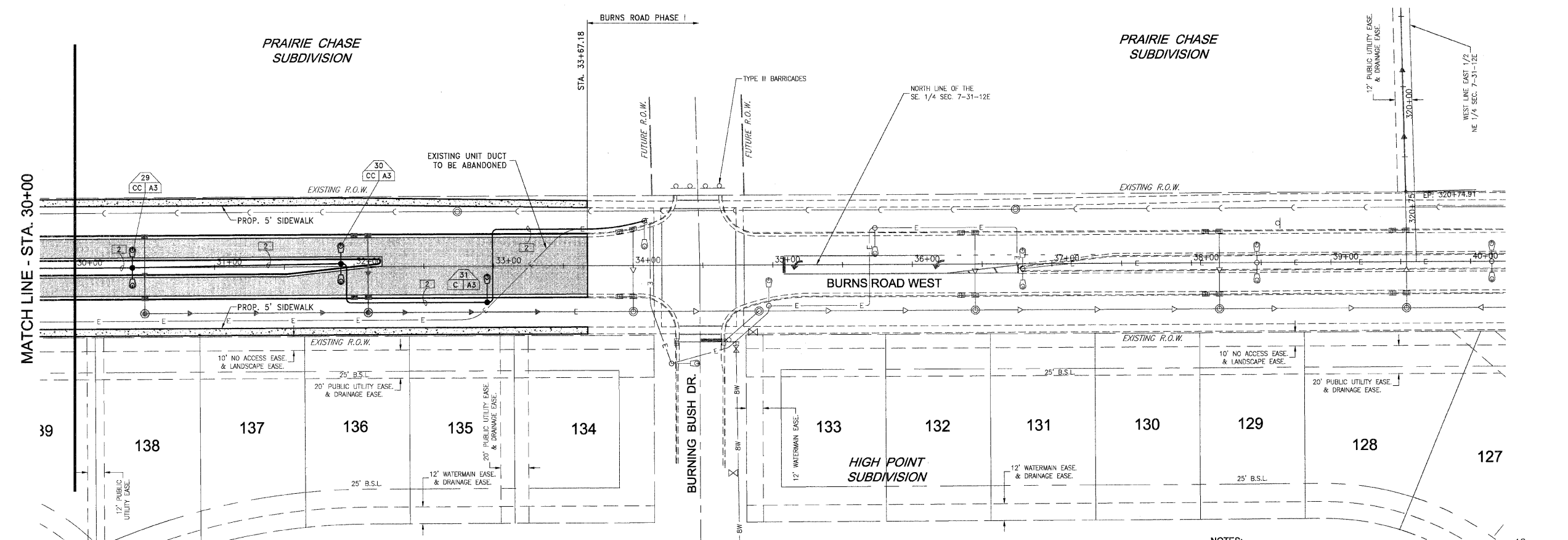
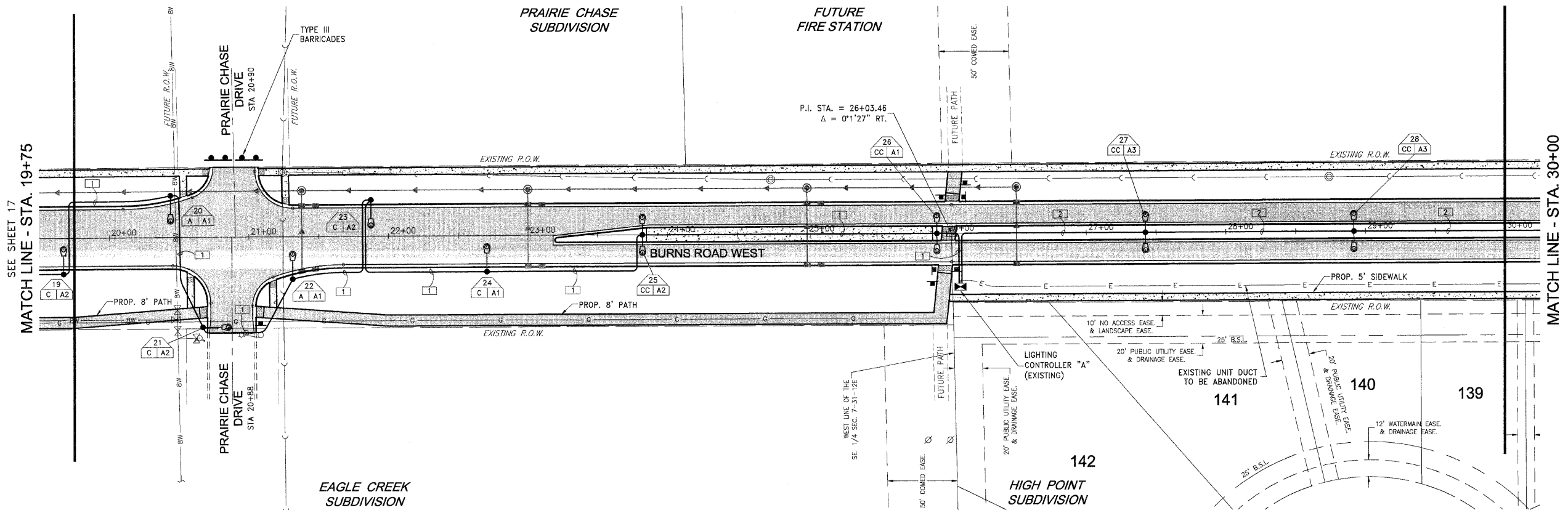
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

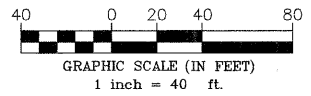
LIGHTING INSTALLATION PLAN

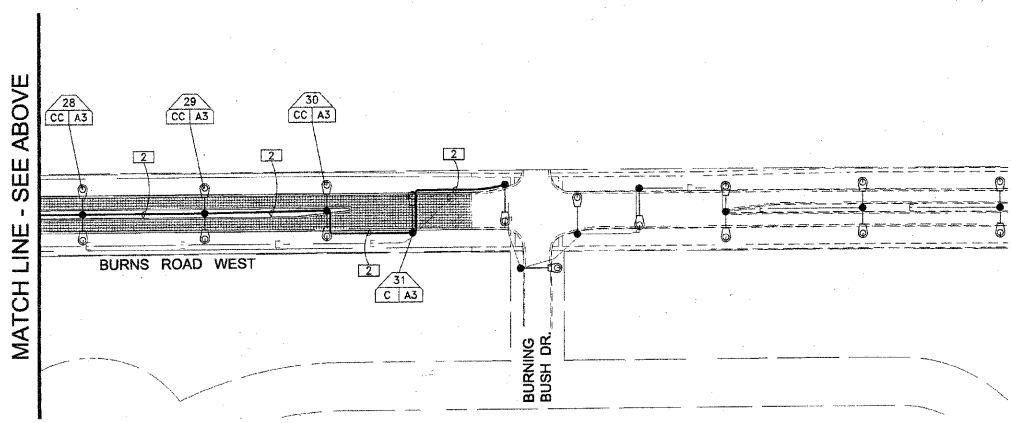
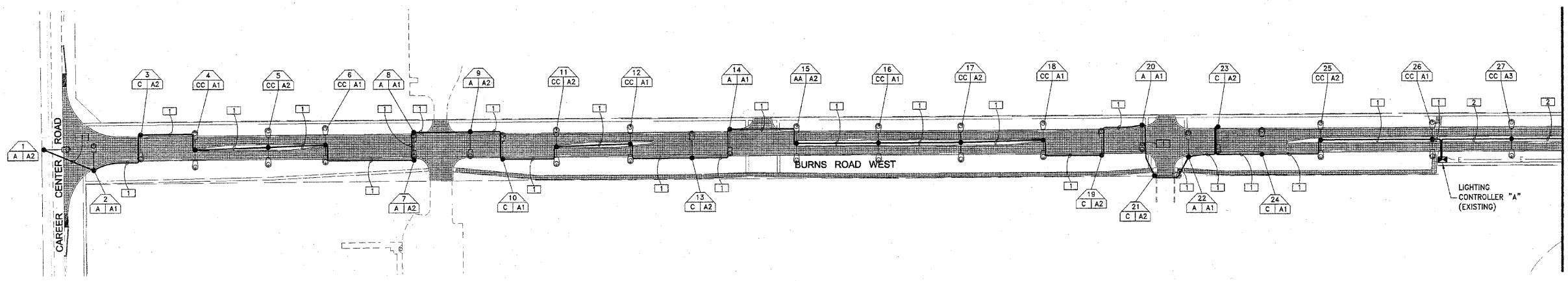
PROJECT: PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
 FROM CAREER CENTER ROAD
 TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORZ.: 1"=40' VERT.: N/A	FILE NO.
DRAWN BY: MRG	SHEET
CHECKED BY: SRM	18
	36



- NOTES:
 1. SEE PLAN SHEET 10 FOR LIGHT POLE FOUNDATION STATIONS AND OFFSET INFORMATION.
 2. CONDUIT UNDER ROADWAY SHALL BE SCH. 80.
 3. SEE PLAN SHEET 19 FOR LUMINAIRE AND CABLE SCHEDULES.





FAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	KANKAKEE	36	19
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BURNS ROAD WEST - FAU 6212				
** 03-00058-01-PP				

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

LIGHTING INSTALLATION DETAILS

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
 FROM CAREER CENTER ROAD
 TO BURNING BUSH DRIVE

SECTION 03-00058-01-PP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORZ.: 1"=100' VERT.: N/A	FILE NO.
DRAWN BY: MRG	SHEET
CHECKED BY: SRM	19
	36

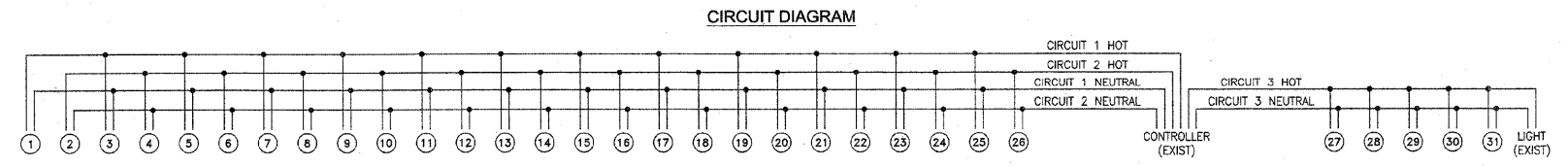
ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE		
GIVEN CONDITIONS		
ROADWAY DATA:	Pavement Width	13.5 FT
	Number Of Lanes	1
	Median Width	11 FT
	IES Surface Classification	R3
	Q-Zero Value	.07
LIGHT POLE DATA:	Mounting Height	33 FT
	Mast Arm Length	10 FT
	Pole Set-Back From Edge Of Pavement	5.5 FT
LUMINAIRE DATA:	Lamp Type	HPS
	Lamp Lumens	16000
	IES Vertical Distribution	M
	IES Control Of Distribution	C
	IES Lateral Distribution	2
	Total Light Loss Factor	0.684
LAYOUT DATA:	Spacing	165 FT
	Configuration	MEDIAN
	Luminaire Overhang Over Edge Of Pavement Lane	2.5 FT

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination, (E _{av})	6 Lux
	Uniformity Ratio, (E _{min} /E _{max})	4
LUMINANCE:	Average Luminance: (L _{av})	0.4 Cd/m ²
	Uniformity Ratios: (L _{min} /L _{max})	4.0
	(L _{min} /L _{med})	8.0
	Maximum Veiling Luminance Ratio: (L _v /L _{av})	0.4



LUMINAIRE SCHEDULE							
SYMBOL	QTY	LABEL	ARRANGEMENT	DESCRIPTION	LAMP WATTAGE	ARM LENGTH	MOUNTING HEIGHT
●—○	8	A	SINGLE	HBS-250HPS-MC2	ONE (1) 250W	10'	33'
●—○	8	C	SINGLE	HBS-150HPS-MC2	ONE (1) 150W	10'	33'
●—○—○	1	AA	BACK-BACK	HBS-250HPS-MC2	TWO (2) 250W	10'	33'
●—○—○	14	CC	BACK-BACK	HBS-150HPS-MC2	TWO (2) 150W	10'	33'

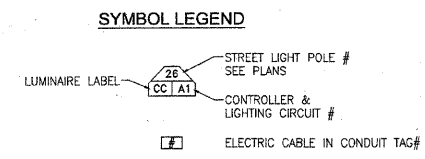
CONTROLLER: A
 VOLTAGE: 240/120V, 1 PHASE, 3 WIRE
 MAINS: 100A MAIN BREAKER
 CONTACTOR: 100A/2P
 22KAC SERIES RATED
 MOUNTING: GROUND, 59"H X 44"W X 27"D (NOM)
 FEEDER: 1-1/4" C-343

CRY NO.	LOAD DESCRIPTION	C/B	LOAD VA
1	LTS: POLES 26,24,22,20,18	30A/2P	2520
	16,14,12,10,8,6,4,2		2520
2	LTS: POLES 25,23,21,19,17	30A/2P	2515
	15,13,11,9,7,5,3,1		2515
3	LTS: POLES 27-36*	30A/2P	2376
4			
5			
6			
TOTAL KVA PER PHASE			7.4 7.4
TOTAL (KVA)			14.8
MAX AMPS			62

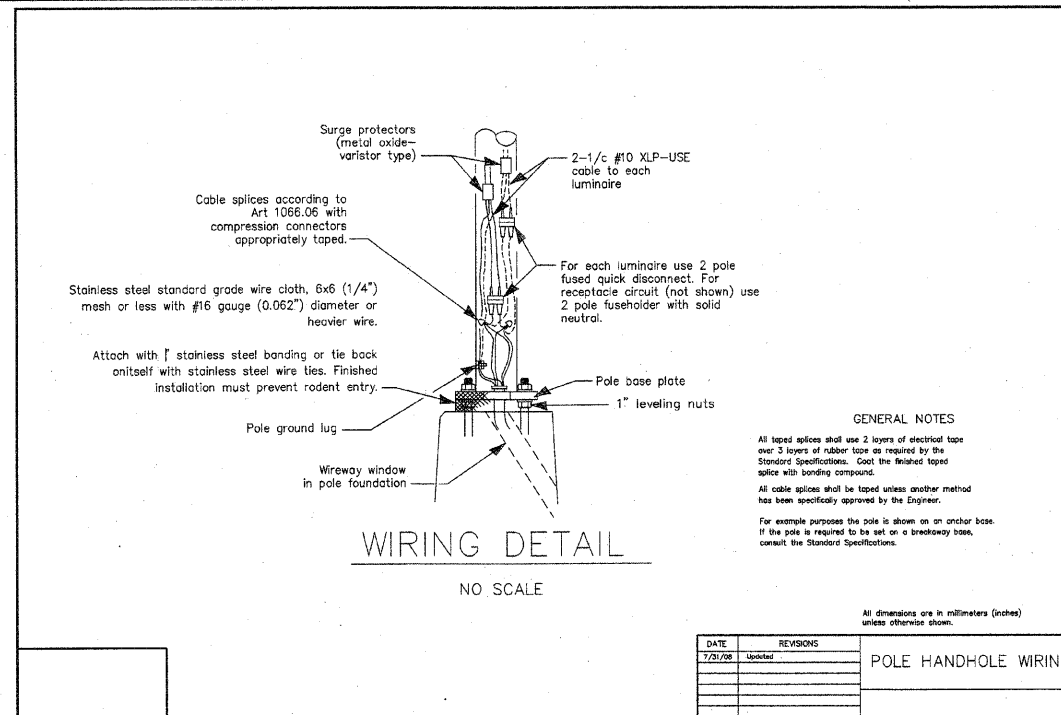
*PROPOSED POLES 27-30
 EXISTING POLES 31-36

- GENERAL NOTES:**
- ALL LIGHTING FIXTURES ARE 240VAC.
 - ALL LAMPS ARE HIGH PRESSURE SODIUM.

ELECTRIC CABLE IN CONDUIT SCHEDULE			
TAG	CONDUIT	LTS WIRE	GRD WIRE
[1]	2" PVC	4#2	1#2
[2]	2" PVC	2#4	1#4



- NOTES:**
- SEE PLAN SHEET 10 FOR LIGHT POLE FOUNDATION STATIONS AND OFFSET INFORMATION.
 - CONDUIT UNDER ROADWAY SHALL BE SCH. 80.



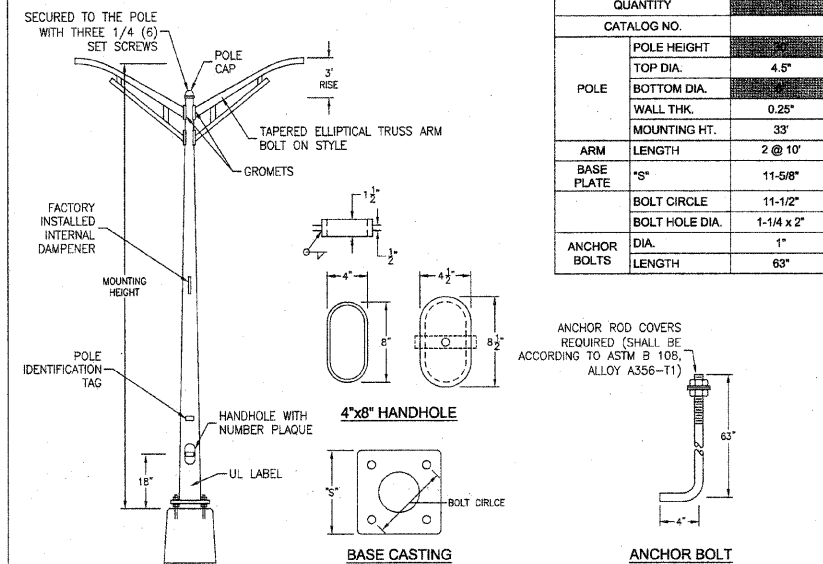
GENERAL NOTES:
UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE 2009 AASHTO STANDARD SPECS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS. DESIGN VELOCITY SHALL BE 90 MPH WITH A MINIMUM DESIGN LIFE OF 50 YEARS. IN ADDITION TO THE AASHTO CRITERIA THE POLE SHALL BE DESIGNED FOR WORST CASE LOADING CONDITION SET FORTH IN IL D.O.T. SPECS 1069(A) FOR DESIGN LUMINAIRE HAVING AN EPA OF 1.8 SQ.FT. AND MAXIMUM WEIGHT OF 75 LBS.

THE ALUMINUM POLE, POLE BASE, SHROUD, BRACKET ARMS AND ATTACHMENTS SHALL BE PAINTED BLACK USING A POWDER COAT PROCESS OR ENGINEER APPROVED EQUIVALENT. THEY SHALL BE CLEANED PRIOR TO THE POWDER COAT PROCESS BY THE IMMERSION PROCESS USING BOTH AN ALKALINE AND ACID BATH. THE BLACK FINISH SHALL BE A THERMOSETTING POWDER COAT. THE POWDER RESIN SHALL BE A TYPE TGIC SUPER DURABLE GRADE POLYESTER OR AN ENGINEER APPROVED EQUIVALENT. THE ALUMINUM SHALL BE PREHEATED TO A SUFFICIENT TEMPERATURE, PRIOR TO THE COATING PROCESS, TO INSURE ALL WATER VAPOR IS REMOVED IN ORDER TO FUSE THE POWDER TO THE METAL. THE POLE AND APPURTENANCES SHALL BE OVEN CURED, AFTER SPRAYING, FOR A CYCLE OF 6 TO 15 MINUTES AT A TEMPERATURE OF 375 TO 400 DEGREES FAHRENHEIT. THE FINISHED COAT SHALL HAVE A DRY COAT MINIMUM THICKNESS OF 3 MIL.

A THOROUGH VISUAL INSPECTION SHALL BE MADE OF THE PAINTED FINISH OF THE INSTALLED POLE AND A FIELD TOUCHUP OR RECOAT SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST.

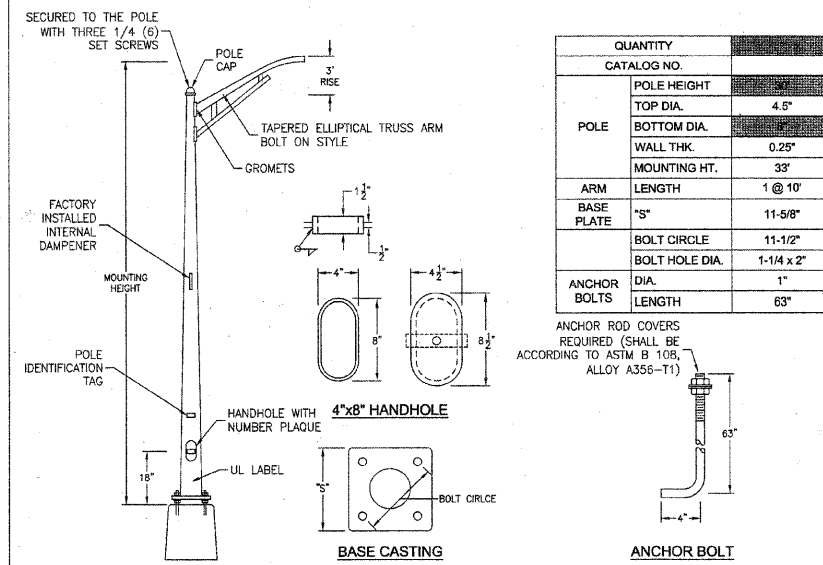
TWIN TRUSS ARM

- (1) SHAFTS ARE ONE SECTION DESIGN FABRICATED FROM 6063 T6 ALUMINUM EXTRUSION-SPUN TAPERED.
- (2) BASE CASTING IS 356 T6 CAST ALUMINUM. THE POLE SHAFT TELESCOPES INTO THE BASE CASTING AND IS CIRCUMFERENTIALLY WELDED TOP AND BOTTOM.
- (3) ANCHOR BOLTS ARE FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED CARBON STEEL BAR, HAVING MINIMUM YIELD STRENGTH OF 50,000 P.S.I. BOLTS HAVE AN "L" BEND ON THE END. THE THREADS PLUS FULL LENGTH ARE GALVANIZED. ANCHOR BOLTS ARE SUPPLIED WITH TWO NUTS AND TWO WASHERS ATTACHED.
- (4) ALL POLES TO BE SHALL BE PAINTED BLACK WITH A SATIN FINISH.
- (5) ALL WORK ON LIGHT POLES SHALL CONFORM TO SECTION 830 OF THE STANDARDS SPECIFICATIONS.
- (6) POLE NUMBER TO BE DETERMINED AT TIME OF INSTALLATION.



SINGLE TRUSS ARM

- (1) SHAFTS ARE ONE SECTION DESIGN FABRICATED FROM 6063 T6 ALUMINUM EXTRUSION-SPUN TAPERED.
- (2) BASE CASTING IS 356 T6 CAST ALUMINUM. THE POLE SHAFT TELESCOPES INTO THE BASE CASTING AND IS CIRCUMFERENTIALLY WELDED TOP AND BOTTOM.
- (3) ANCHOR BOLTS ARE FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED CARBON STEEL BAR, HAVING MINIMUM YIELD STRENGTH OF 50,000 P.S.I. BOLTS HAVE AN "L" BEND ON THE END. THE THREADS PLUS FULL LENGTH ARE GALVANIZED. ANCHOR BOLTS ARE SUPPLIED WITH TWO NUTS AND TWO WASHERS ATTACHED.
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- (6) POLE NUMBER TO BE DETERMINED AT TIME OF INSTALLATION.



FAU. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	20

CONTRACT NO. 87315
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
** BURNS ROAD WEST - FAU 6212
** 03-00058-01-FP

TYSON ENGINEERING, INC.
CONSULTING ENGINEERS
DESIGN FIRM LICENSE #184-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
PHONE (815) 932-7406

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REVISIONS

NO.	DATE	BY	DESCRIPTION

PROJECT: **PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE**

SECTION
03-00058-01-FP

DATE:	3/23/12	JOB NO.	E05055
SCALE:	N/A	FILE NO.	
DRAWN BY:	MRG	SHEET	20
CHECKED BY:	SRM		36

BON VIVANT GOLF COURSE

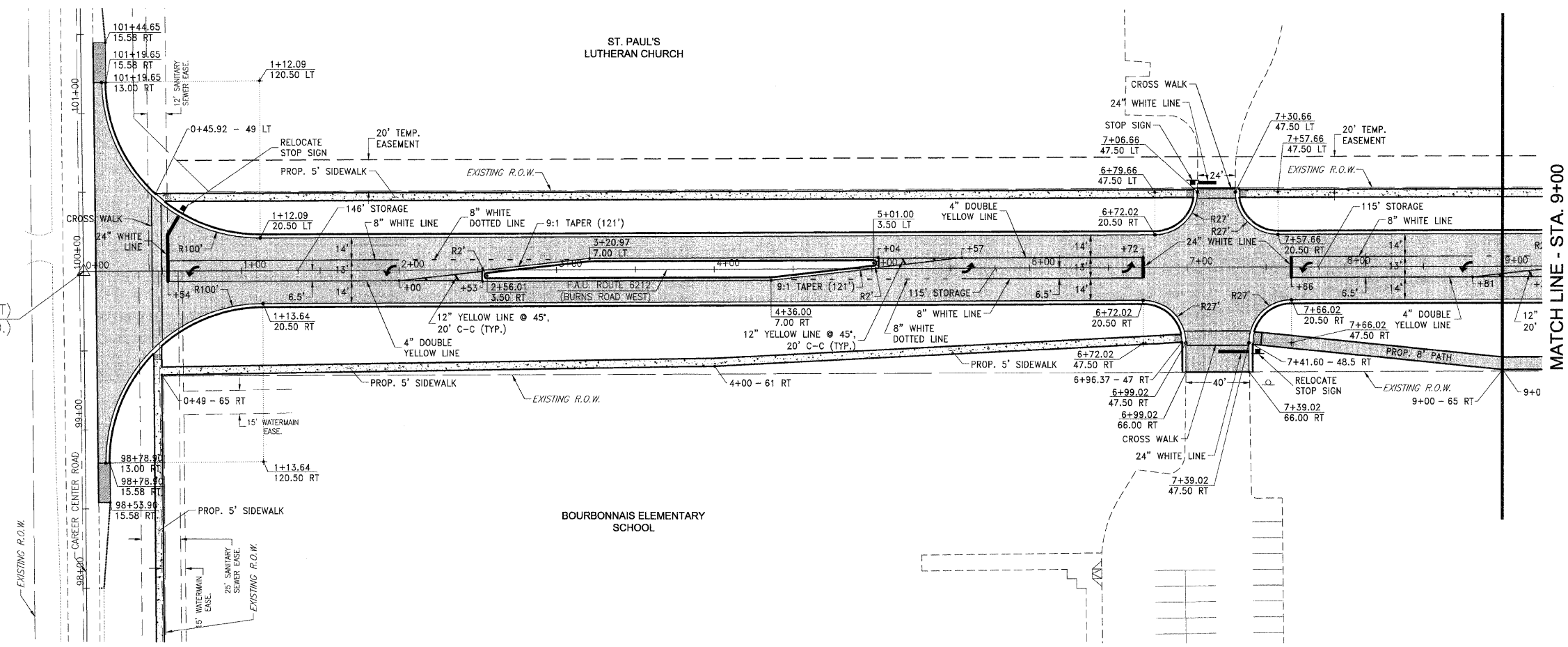
ST. PAUL'S LUTHERAN CHURCH

STA. 0+00 (BURNS ROAD WEST)
STA. 100+00 (CAREER CENTER RD.)

BON VIVANT GOLF COURSE

BOURBONNAIS ELEMENTARY SCHOOL

MATCH LINE - STA. 9+00



MATCH LINE - STA. 9+00

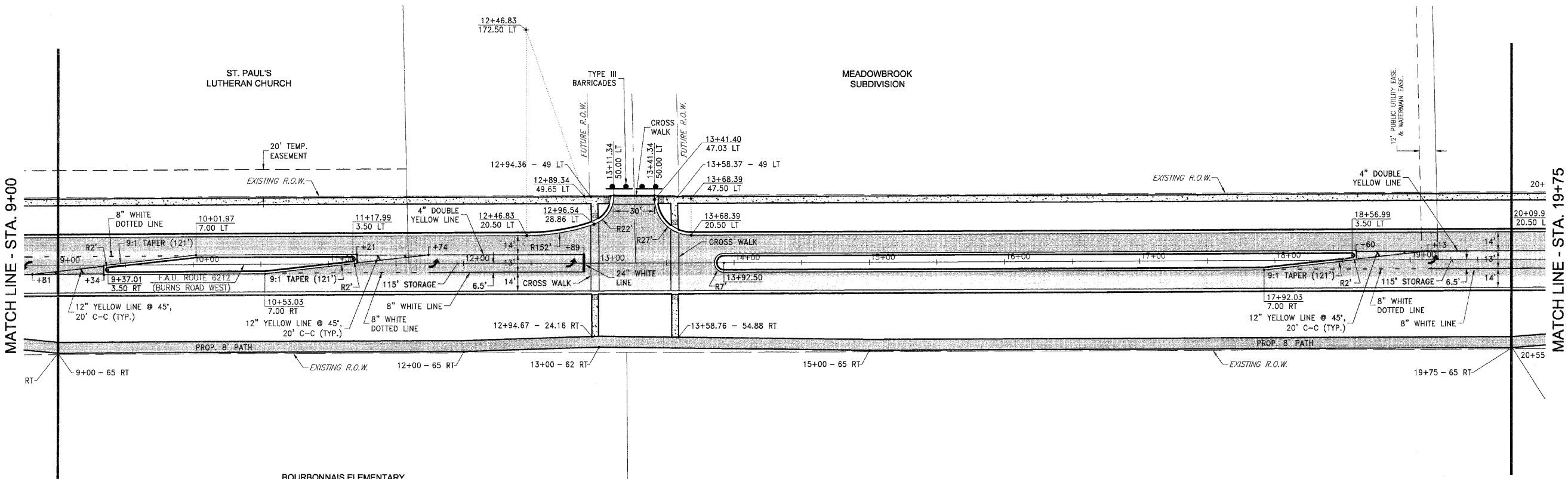
ST. PAUL'S LUTHERAN CHURCH

MEADOWBROOK SUBDIVISION

BOURBONNAIS ELEMENTARY SCHOOL

EAGLE CREEK SUBDIVISION

MATCH LINE - STA. 19+75
SEE SHEET 22



FAU NO. SECTION COUNTY TOTAL SHEET NO. 36 21
 CONTRACT NO. 87315
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * BURNS ROAD WEST - FAU 6212
 ** 03-00058-01-FP

TYSON ENGINEERING, INC.
 CONSULTING CIVIL ENGINEERS
 LAND SURVEYORS
 DESIGN FIRM LICENSE #134-001136
 367 SOUTH SCHUYLER AVENUE
 KANKAKEE, ILLINOIS 60901
 PHONE (815) 932-7406

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

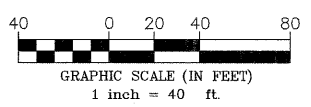
STRIPING AND SIGNAGE PLAN

PROJECT:
**PROPOSED IMPROVEMENTS FOR
 BURNS ROAD WEST**
 FROM CAREER CENTER ROAD
 TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP

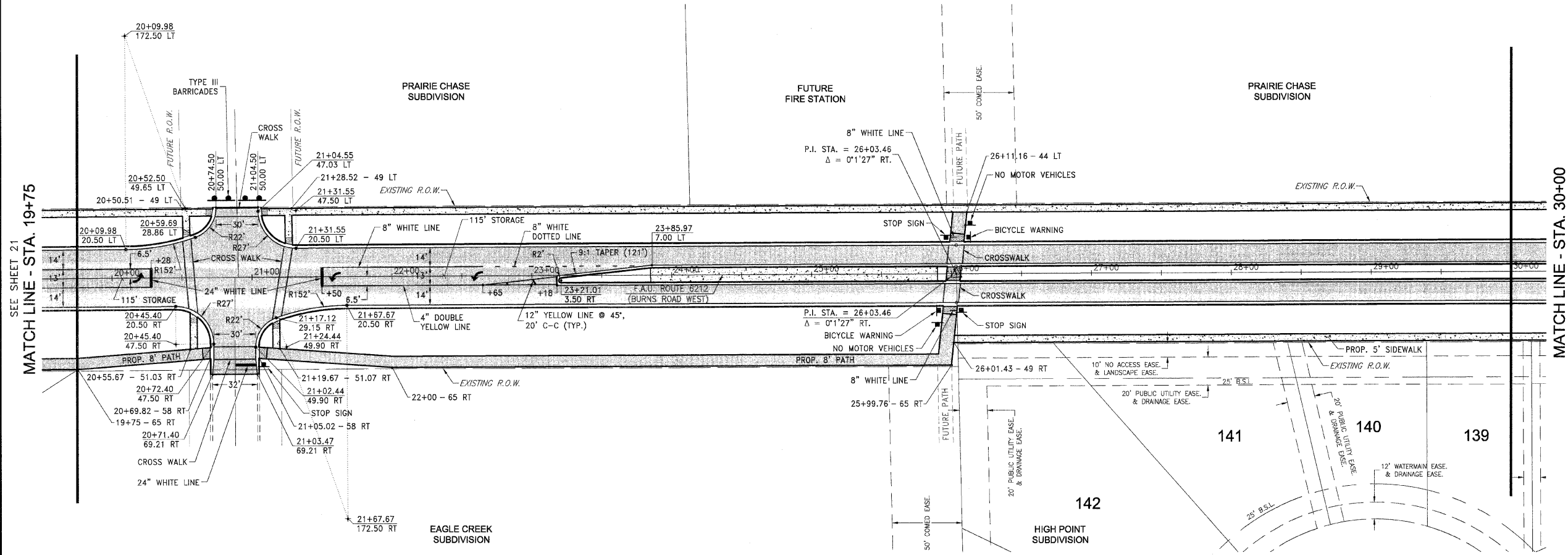
DATE: 3/23/12	JOB NO. E05055
SCALE: HORIZ.: 1"=40' VERT.: N/A	FILE NO.
DRAWN BY: MRG	SHEET 21
CHECKED BY: SRM	36

*NOTE: ALL CROSSWALKS SHALL BE LADDERS WITH 8" WHITE SIDEBARS AND 12" WHITE RUNGS AT 3' SPACING.

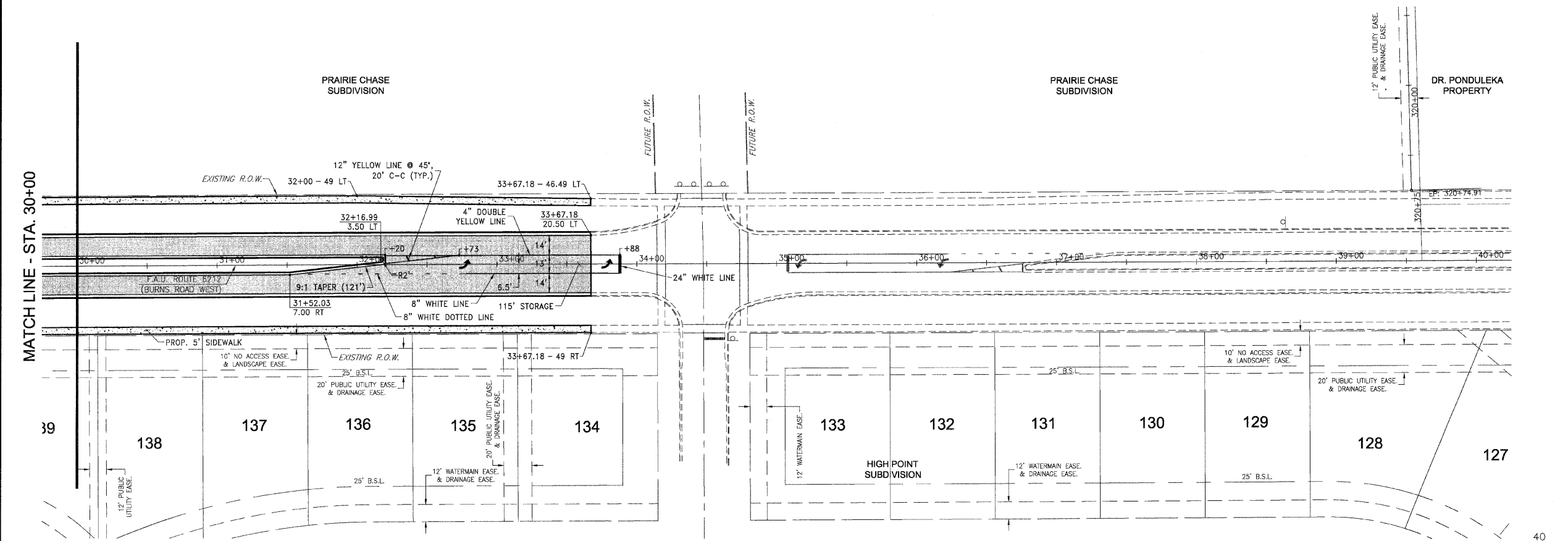


SEE SHEET 21
MATCH LINE - STA. 19+75

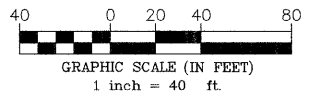
MATCH LINE - STA. 30+00



MATCH LINE - STA. 30+00



*NOTE: ALL CROSSWALKS SHALL BE LADDERS WITH 8" WHITE SIDEBARS AND 12" WHITE RUNGS AT 3' SPACING.



FAU DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	22

CONTRACT NO. 87315
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* BURNS ROAD WEST - FAU 6212
** 03-00058-01-FP

TYSON ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
DESIGN FIRM LICENSE #154-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
PHONE (815) 932-7406

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

STRIPING AND SIGNAGE PLAN

PROJECT:
**PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST**
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION
03-00058-01-FP

DATE:	3/23/12	JOB NO.	E05055
SCALE:	HORZ.: 1"=40' VERT.: N/A	FILE NO.	
DRAWN BY:	MRG	SHEET	22
CHECKED BY:	SRM		36

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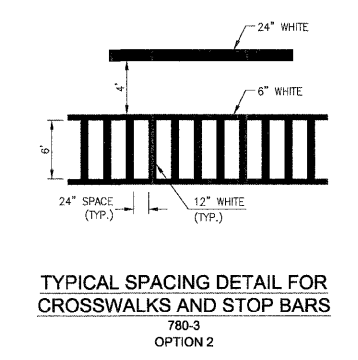
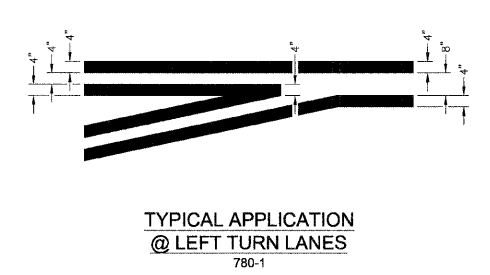
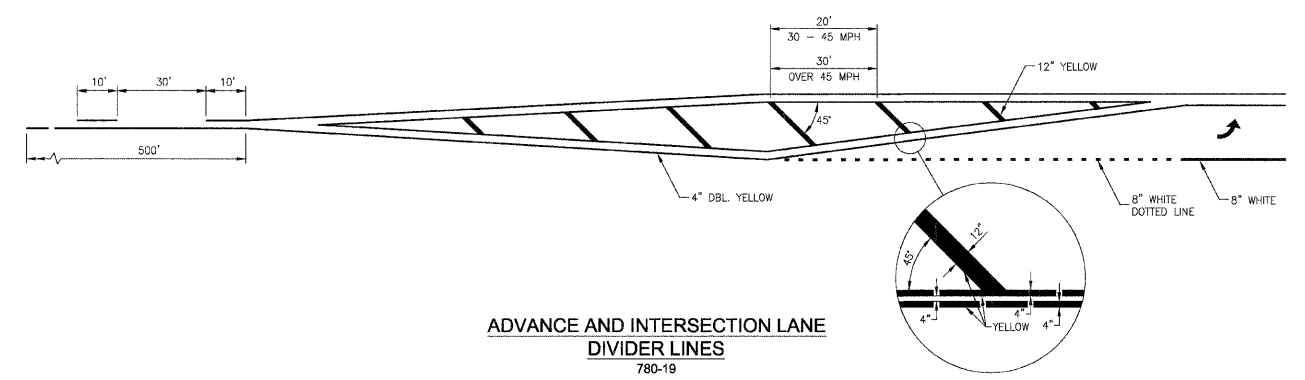
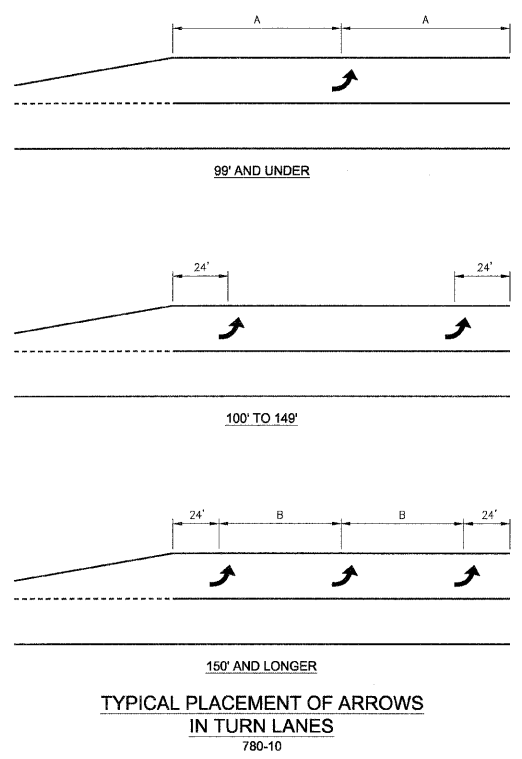
Information hereon and herein is confidential.

REVISIONS				
NO.	DATE	BY	DESCRIPTION	

STRIPING AND SIGNAGE DETAILS

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORZ.: 1"=40' VERT.: N/A	FILE NO.
DRAWN BY: MRG	SHEET
CHECKED BY: SRM	23 36



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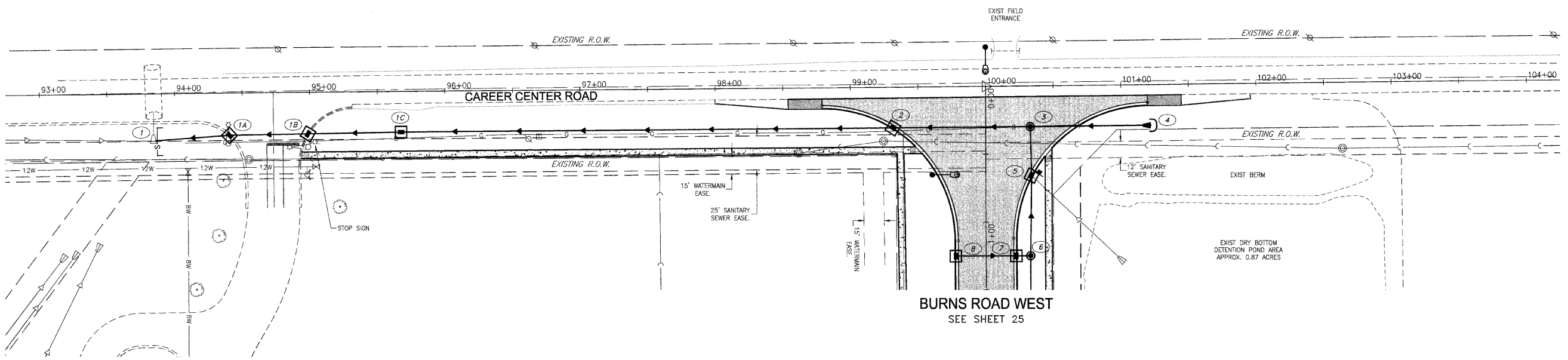
Do not scale drawings. Use dimensions only.
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	

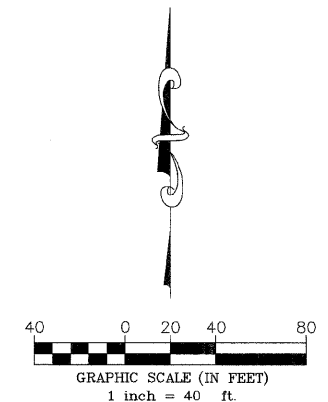
STORM WATER POLLUTION PREVENTION PLAN

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORZ.: 1"=40' VERT.: N/A	FILE NO.
DRAWN BY: MRG	SHEET
CHECKED BY: SRM	24
	36



STORM WATER POLLUTION PREVENTION PLAN LEGEND	
■	NEW CURB INLET
●	NEW MANHOLE
▼	NEW FLARED END SECTION
□	INLET PROTECTION
—	PIPE PROTECTION
—S—	SILT FENCE WITH WIRE SUPPORT



SEE SHEET 24
CAREER CENTER ROAD

ST. PAUL'S LUTHERAN SCHOOL

CAREER CENTER ROAD
SEE SHEET 24

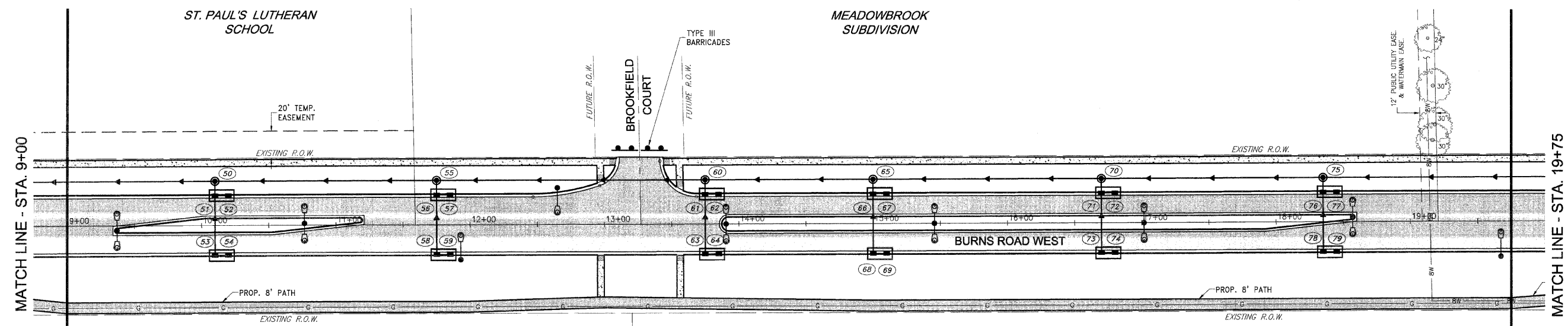
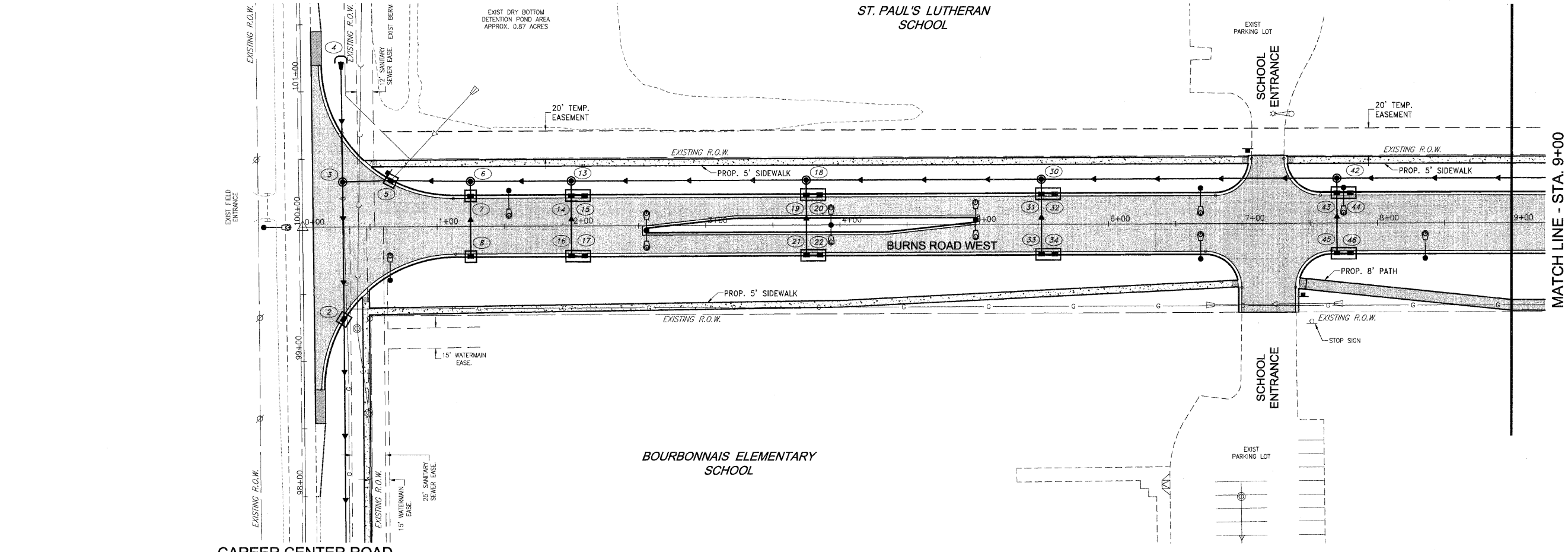
BOURBONNAIS ELEMENTARY SCHOOL

MEADOWBROOK SUBDIVISION

ST. PAUL'S LUTHERAN SCHOOL

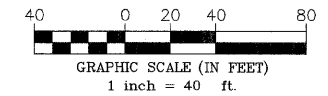
BOURBONNAIS ELEMENTARY SCHOOL SITE

EAGLE CREEK SUBDIVISION



STORM WATER POLLUTION PREVENTION PLAN LEGEND

- NEW CURB INLET
- NEW MANHOLE
- ▼ NEW FLARED END SECTION
- INLET PROTECTION
- ⌋ PIPE PROTECTION
- S— SILT FENCE WITH WIRE SUPPORT



FAU. PTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	25

CONTRACT NO. 87315
FED. ROAD DIST. NO. ILLINOIS
FED. AID PROJECT

* BURNS ROAD WEST - FAU 6212
** 03-00058-01-FP

TYSON ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
DESIGN FIRM LICENSE #184-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
PHONE (815) 932-7406

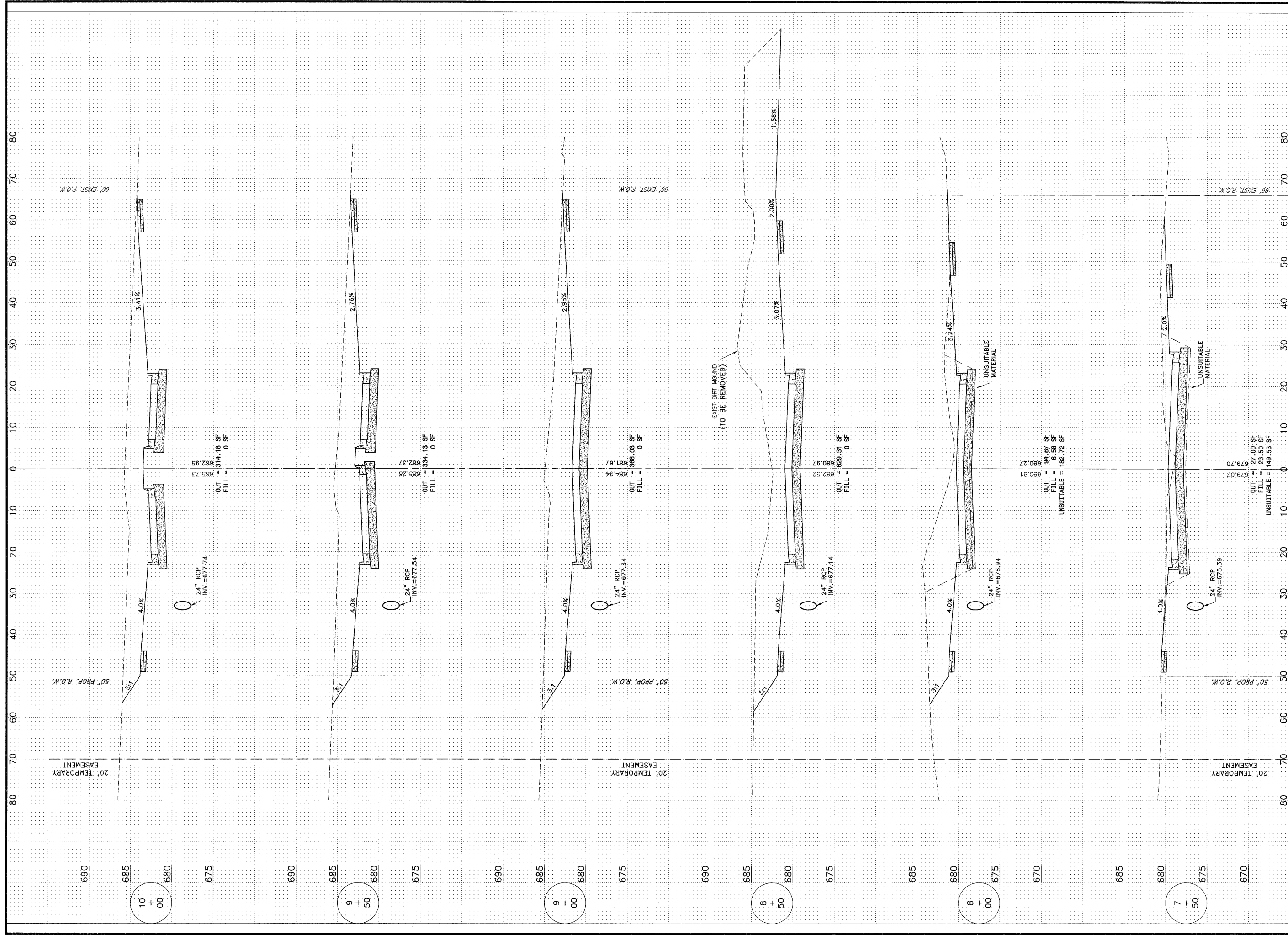
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

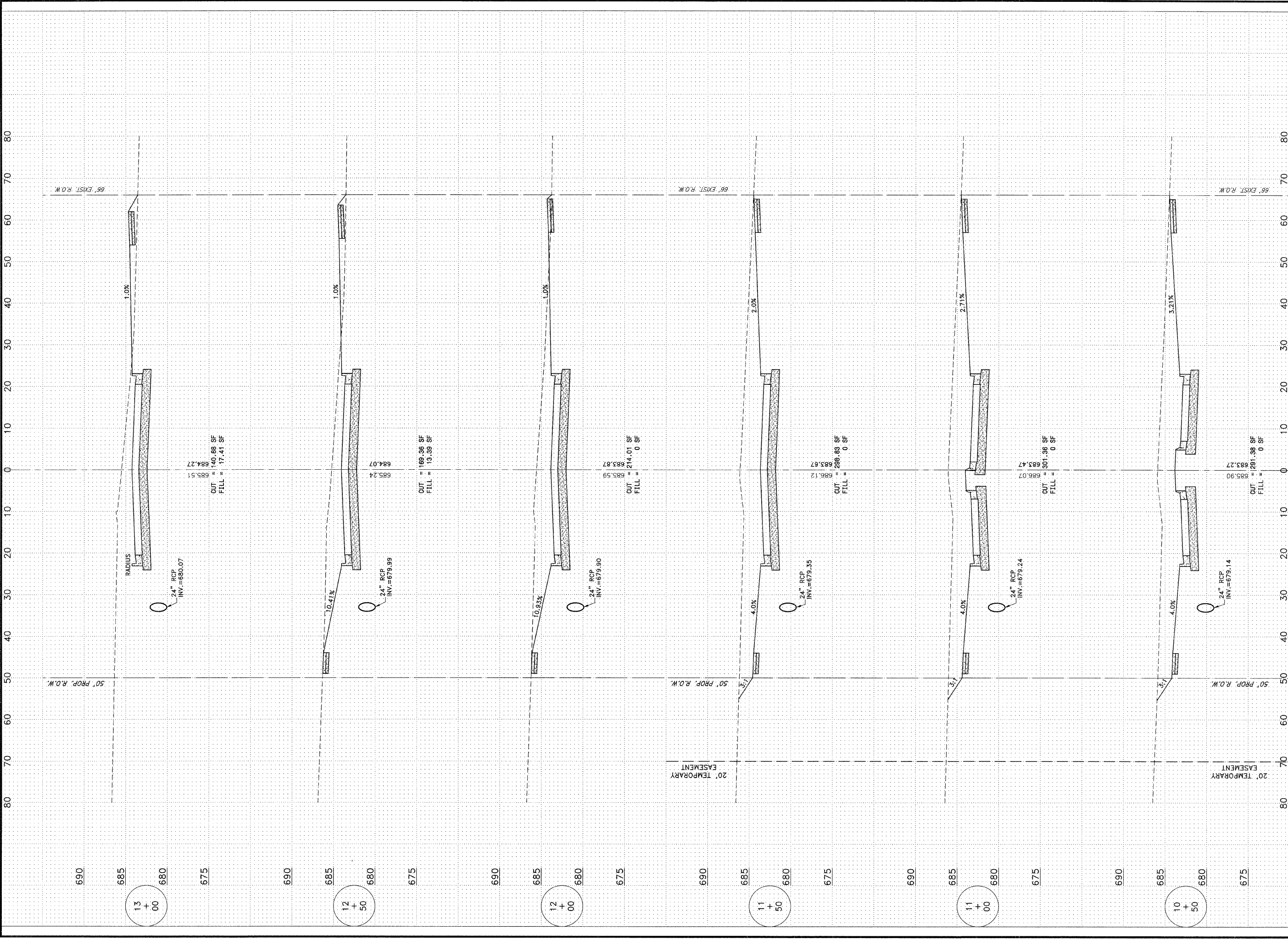
PROJECT:
STORM WATER POLLUTION PREVENTION PLAN

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

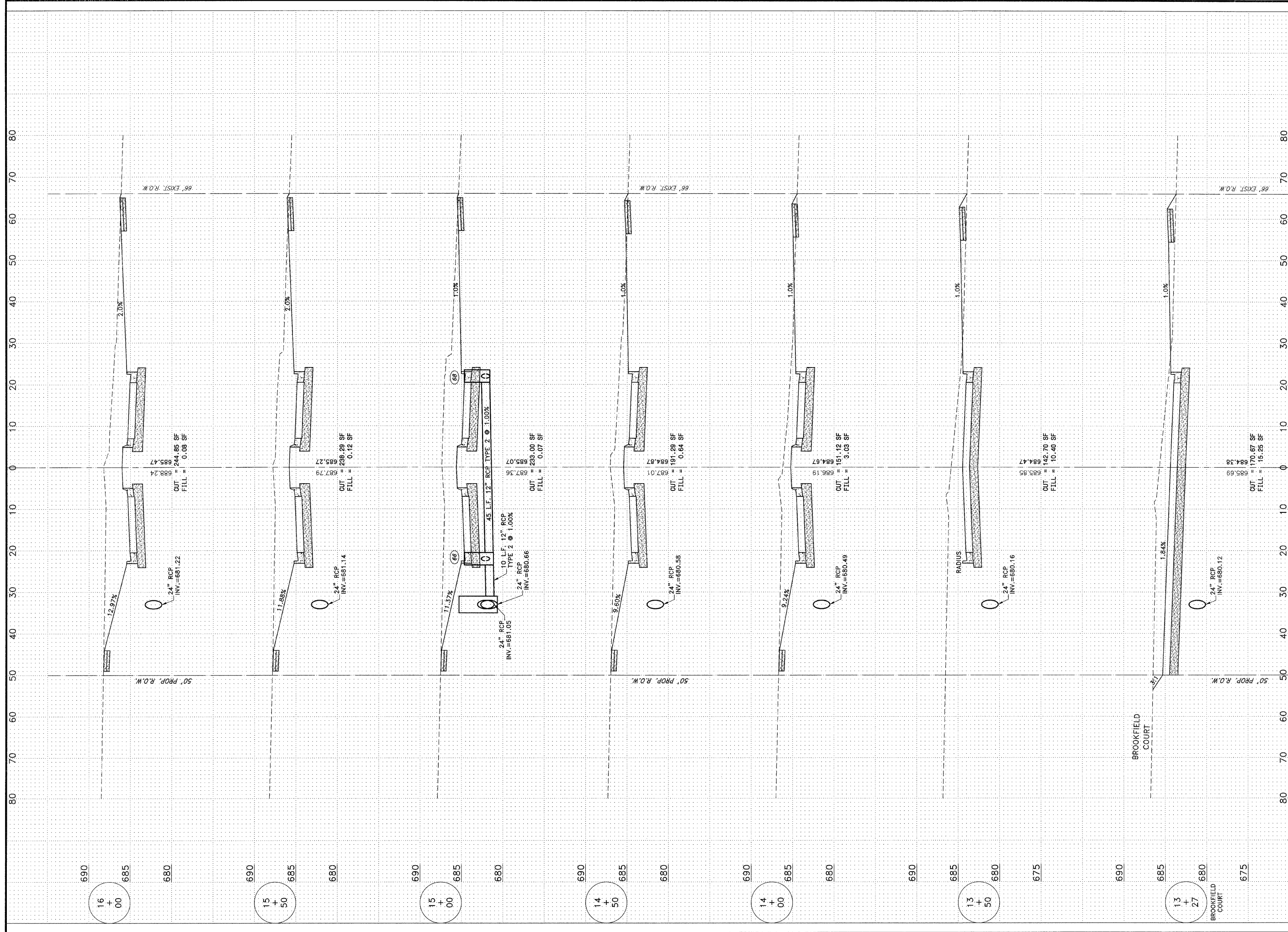
SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORIZ.: 1"=40'	FILE NO.
VERT.: N/A	
DRAWN BY: MRG	SHEET
CHECKED BY: SRM	25
	36



FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	KANKAKEE	36	29
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
** BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				
TYSON ENGINEERING, INC. CONSULTING CIVIL ENGINEERS LAND SURVEYORS DESIGN FIRM LICENSE #184-001136 367 SOUTH SCHUYLER AVENUE KANKAKEE, ILLINOIS 60901 PHONE (815) 932-7406				
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	
BURNS ROAD WEST CROSS SECTION STA. 7+50 TO STA. 10+00				
PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE				
SECTION 03-00058-01-FP				
DATE: 3/23/12		JOB NO. E05055		
SCALE: HORIZ.: 1"=10'		FILE NO.		
VERT.: 1"=5'				
DRAWN BY: MRG		SHEET		
CHECKED BY: SRM		29		
		36		



FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	30
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
** BURNS ROAD WEST - FAU 6212		** 03-00058-01-FP		
TYSON ENGINEERING, INC. CONSULTING CIVIL ENGINEERS LAND SURVEYORS DESIGN FIRM LICENSE #184-001136 367 SOUTH SCHUYLER AVENUE KANKAKEE, ILLINOIS 60901 PHONE (815) 932-7406				
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	
BURNS ROAD WEST CROSS SECTION STA. 10+50 TO STA. 13+00				
PROJECT: PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE				
SECTION 03-00058-01-FP				
DATE:	3/23/12	JOB NO.	E05055	
SCALE:	HORZ.: 1"=10'	FILE NO.		
	VERT.: 1"=5'			
DRAWN BY:	MRG	SHEET	30	
CHECKED BY:	SRM		36	



FAU. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	31

CONTRACT NO. 87315
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * BURNS ROAD WEST - FAU 6212
 ** 03-00058-01-FP

TYSON ENGINEERING, INC.
 CONSULTING CIVIL ENGINEERS
 LAND SURVEYORS
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 KANKAKEE, ILLINOIS 60901
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REVISIONS

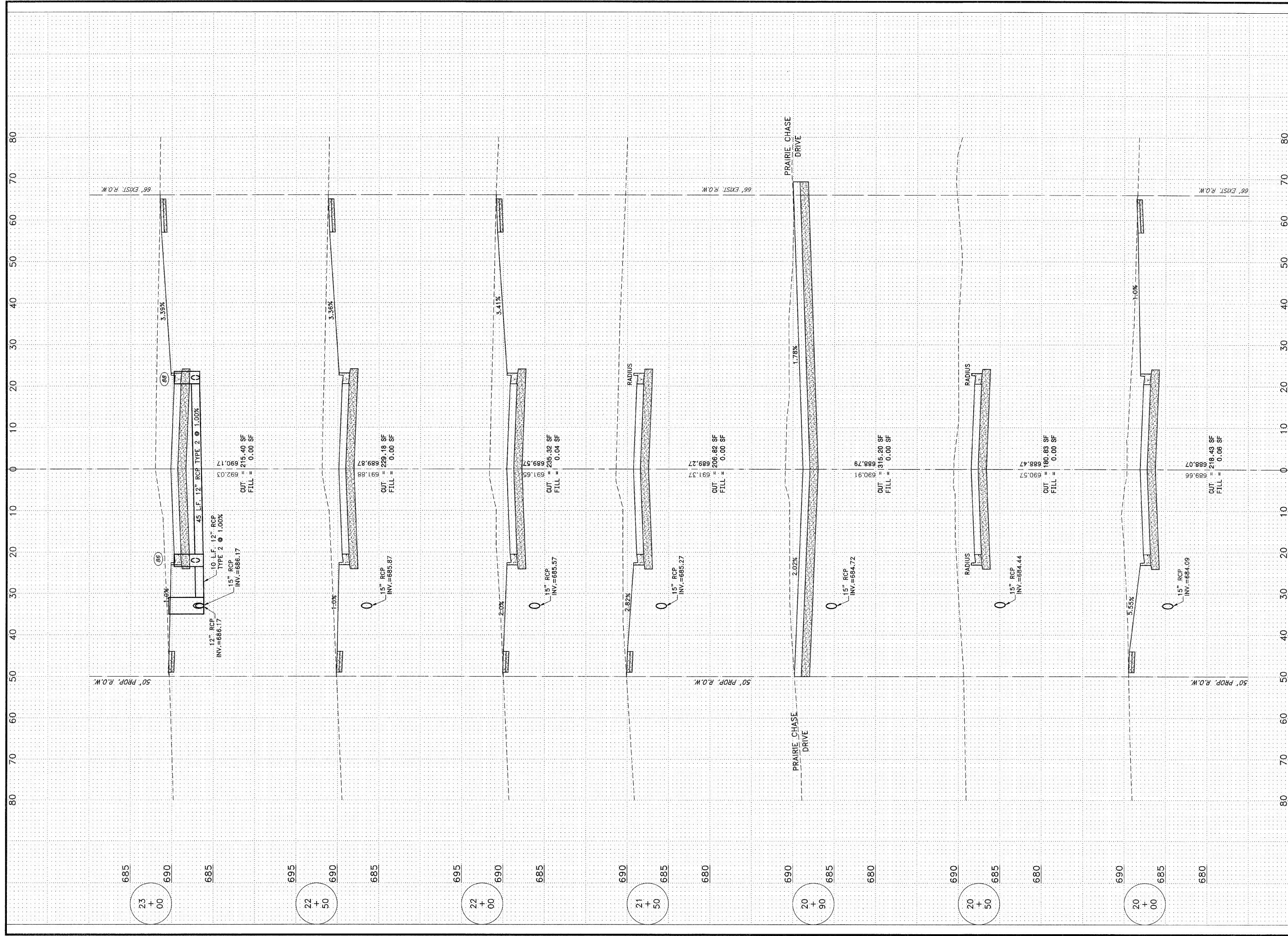
NO.	DATE	BY	DESCRIPTION

BURNS ROAD WEST
 CROSS SECTION
 STA. 13+27 TO STA. 16+00

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
 FROM CAREER CENTER ROAD
 TO BURNING BUSH DRIVE

SECTION
 03-00058-01-FP

DATE:	3/23/12	JOB NO.	E05055
SCALE:	HORZ.: 1"=10' VERT.: 1"=5'	FILE NO.	
DRAWN BY:	MRG	SHEET	31
CHECKED BY:	SRM		36



FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	33
CONTRACT NO. 67315				
FED. ROAD DIST. NO. ILLINOIS				
FED. AID PROJECT				
** BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				

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 CONSULTING CIVIL ENGINEERS
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367 SOUTH SCHUYLER AVENUE
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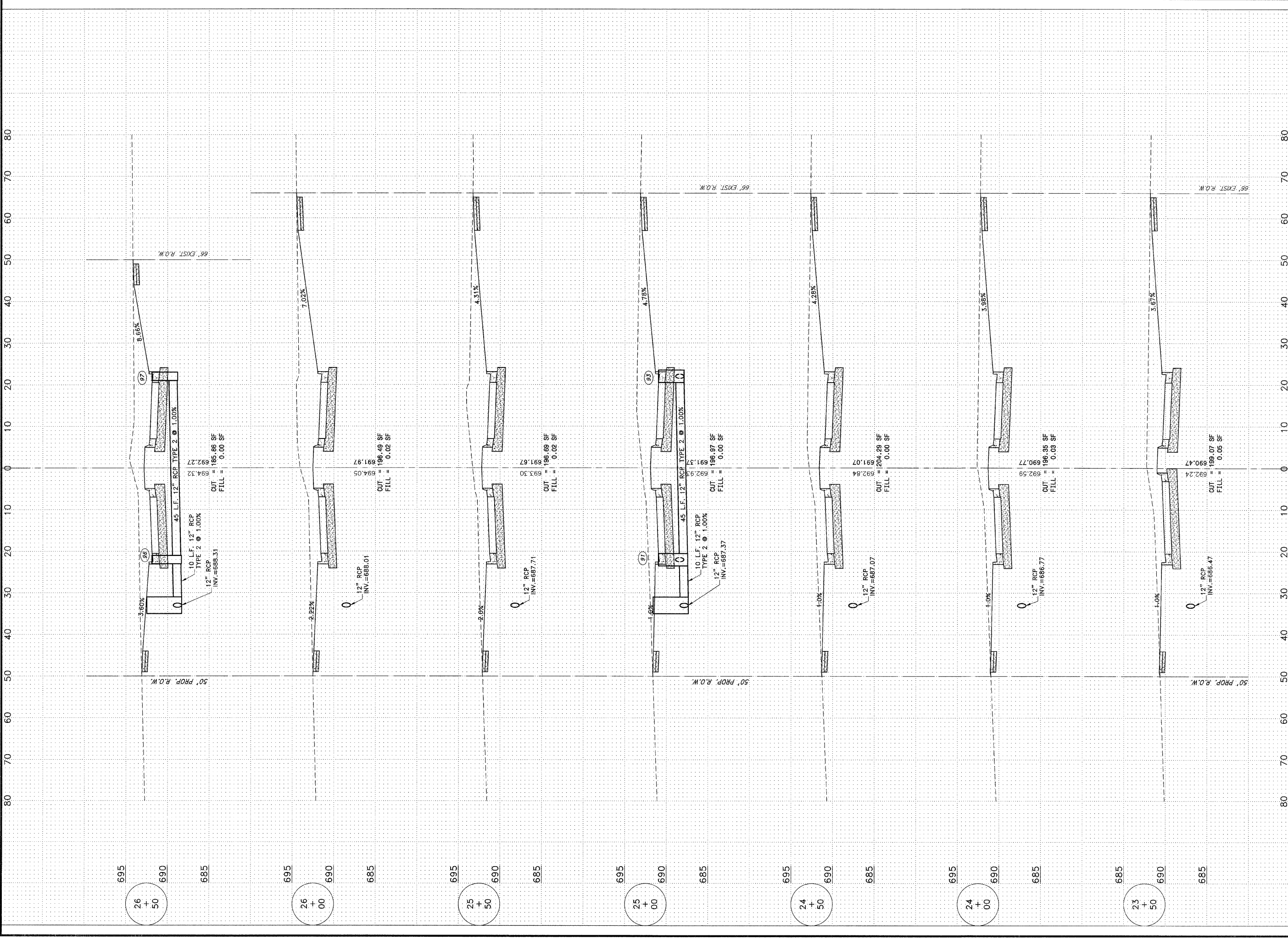
Information herein and herein is confidential.

REVISIONS				
NO.	DATE	BY	DESCRIPTION	

BURNS ROAD WEST
CROSS SECTION
 STA. 20+00 TO STA. 23+00

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
 FROM CAREER CENTER ROAD
 TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP	JOB NO. E05055
DATE: 3/23/12	FILE NO.
SCALE: HORZ.: 1"=10' VERT.: 1"=5'	33
DRAWN BY: MRG	
CHECKED BY: SRM	36



FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	KANKAKEE	36	34

CONTRACT NO. 87315

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

* BURNS ROAD WEST - FAU 6212
** 03-00058-01-FP

TYSON ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
DESIGN FIRM LICENSE #184-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
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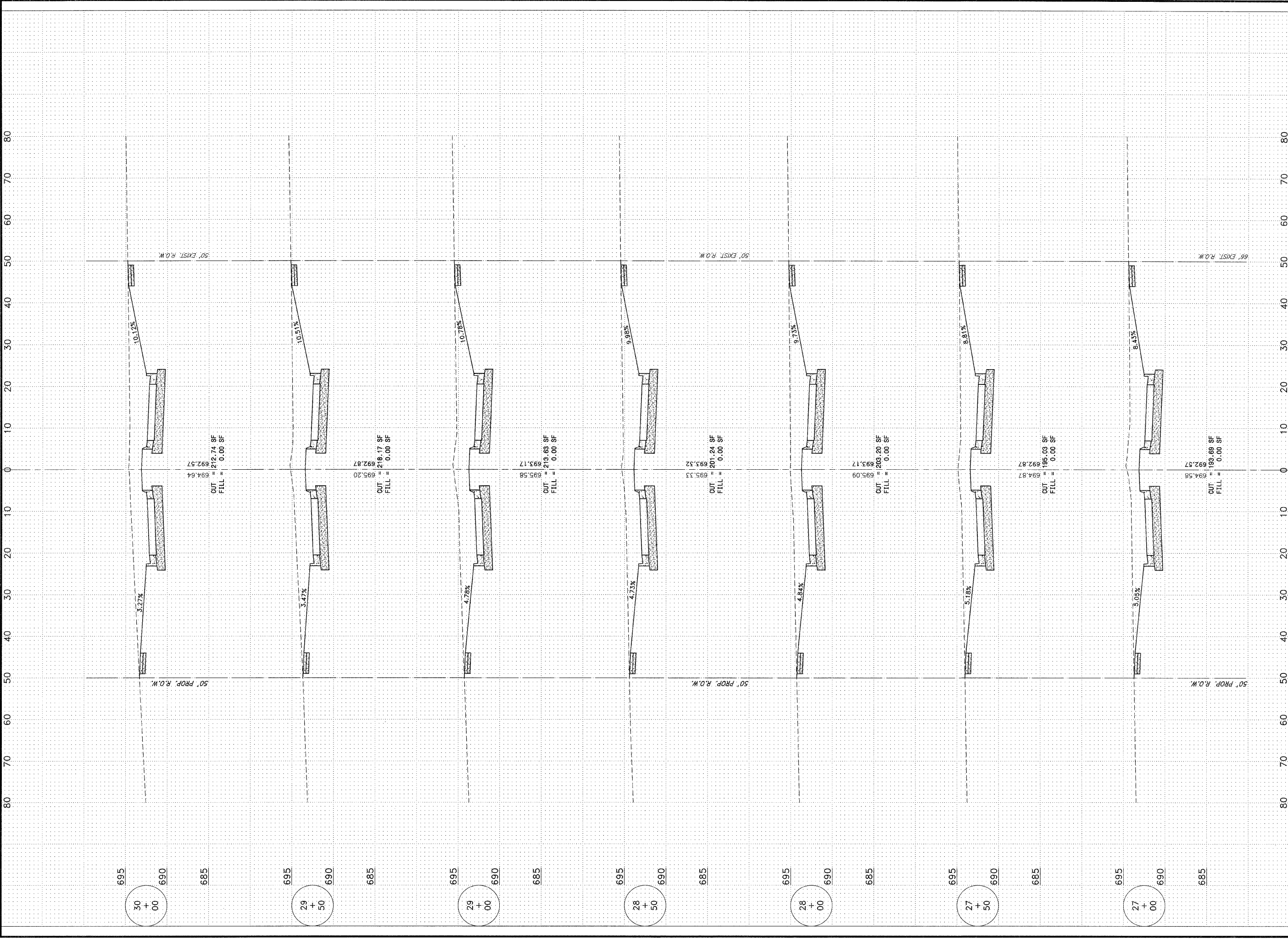
Information hereon and herein is confidential.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

BURNS ROAD WEST
CROSS SECTION
STA. 23+50 TO STA. 26+50

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORZ.: 1"=10' VERT.: 1"=5'	FILE NO.
DRAWN BY: MRG	SHEET 34
CHECKED BY: SRM	36



FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	35
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS				
FED. AID PROJECT				
* BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				

TYSON ENGINEERING, INC.
 CONSULTING CIVIL ENGINEERS
 LAND SURVEYORS
 DESIGN FIRM LICENSE #184-001136
 367 SOUTH SCHUYLER AVENUE
 KANKAKEE, ILLINOIS 60901
 PHONE (815) 932-7406

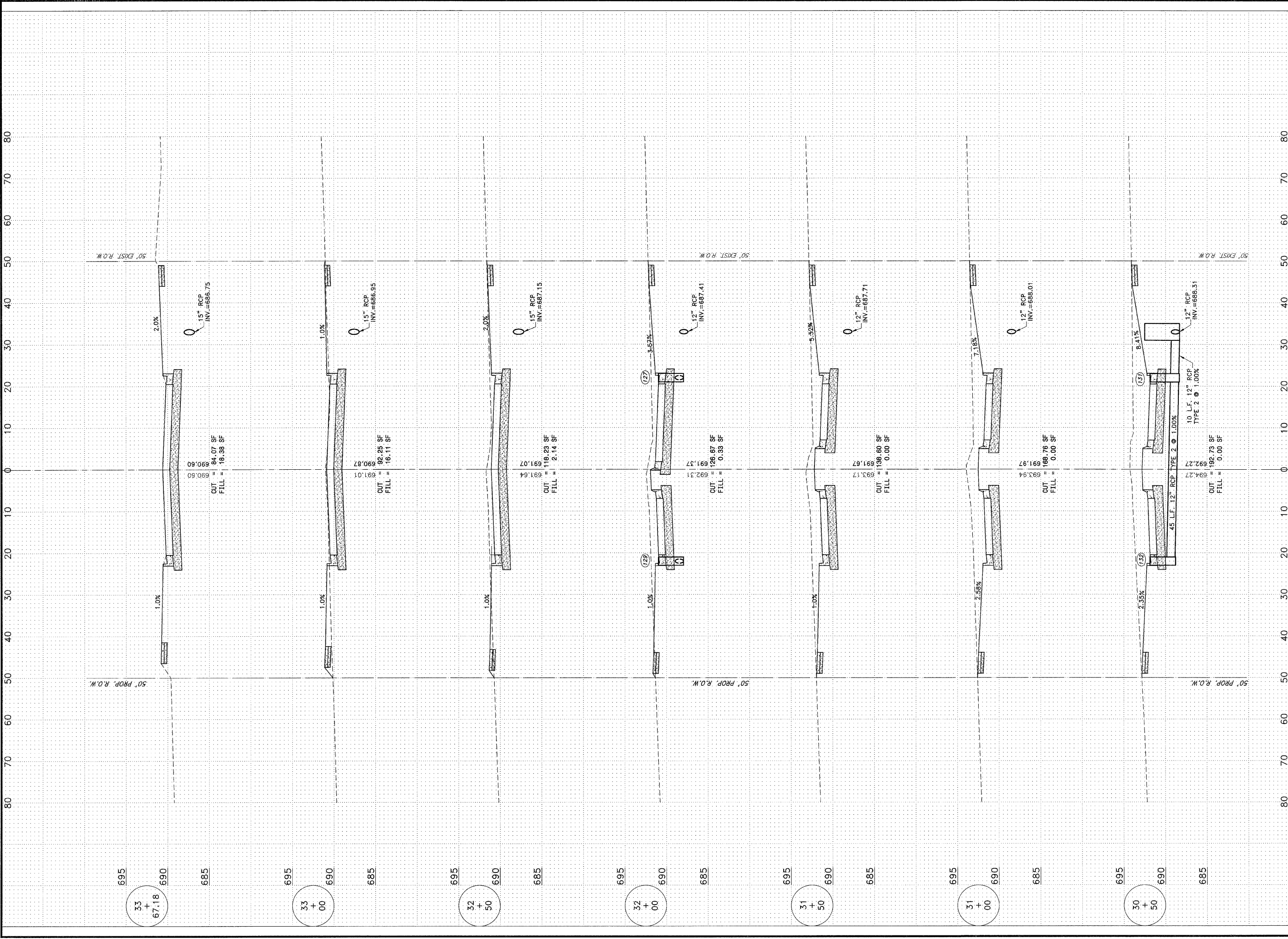
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

BURNS ROAD WEST
CROSS SECTION
 STA. 27+00 TO STA. 30+00

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
 FROM CAREER CENTER ROAD
 TO BURNING BUSH DRIVE

SECTION 03-00058-01-FP	
DATE: 3/23/12	JOB NO. E05055
SCALE: HORZ.: 1"=10'	FILE NO.
VERT.: 1"=5'	
DRAWN BY: MRG	SHEET
CHECKED BY: SRM	35
	36



F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	36
CONTRACT NO. 87315				
FED. ROAD DIST. NO. ILLINOIS				
FED. AID PROJECT				
* BURNS ROAD WEST - FAU 6212				
** 03-00058-01-FP				
TYSON ENGINEERING, INC. CONSULTING CIVIL ENGINEERS LAND SURVEYORS DESIGN FIRM LICENSE #154-001138 367 SOUTH SCHUYLER AVENUE KANKAKEE, ILLINOIS 60901 PHONE (815) 932-7406				
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	
BURNS ROAD WEST CROSS SECTION STA. 30+50 TO STA. 33+50				
PROPOSED IMPROVEMENTS FOR BURNS ROAD WEST FROM CAREER CENTER ROAD TO BURNING BUSH DRIVE				
SECTION 03-00058-01-FP				
DATE:	3/23/12	JOB NO.	E05055	
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CHECKED BY:	SRM		36	