

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

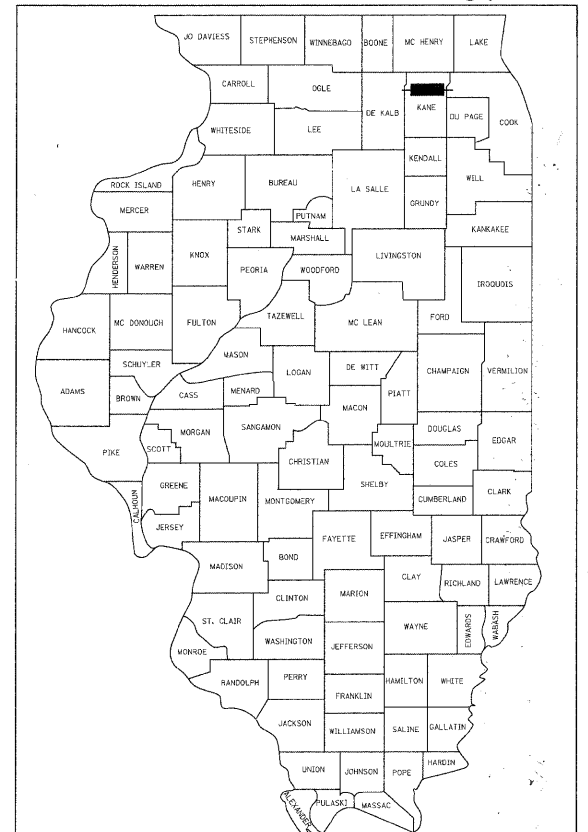
PROPOSED  
HIGHWAY PLANS

F.A.P. 361 (STEARNS ROAD)  
FROM EAST OF MCLEAN BOULEVARD TO IL ROUTE 25  
SECTION NO. 06-00214-20-BR  
PROJECT NO. M-RS-HPP-1527(015)  
JOB NO. C-91-248-06  
KANE COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 63075	

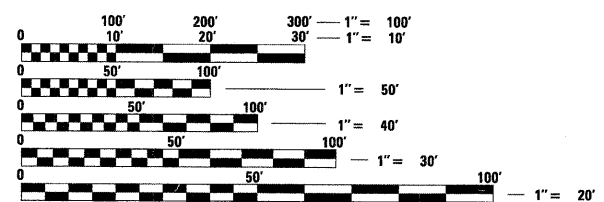
320 + 1

FOR INDEX OF SHEETS AND IDOT STANDARD DRAWINGS,  
SEE SHEET NO. 2



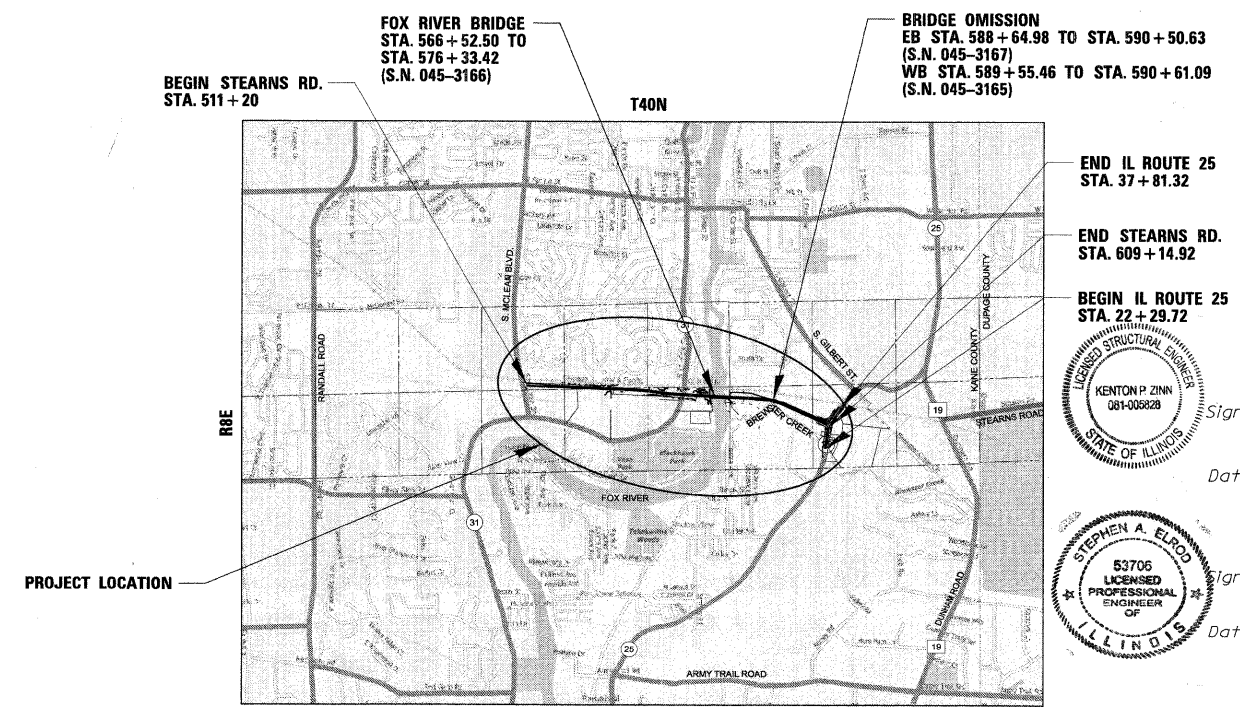
LOCATION OF SECTION INDICATED THUS: - [shaded box] -

TRAFFIC DATA:  
2020 ADT = 29,000 VEHICLES (STEARNS RD.)  
2020 ADT = 16,000 VEHICLES (IL RTE. 25)  
POSTED SPEED LIMIT = 45 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811



LOCATION MAP

SCALE : 1" = 3000'  
NET LENGTH OF IMPROVEMENT = 11,241 LINEAL FEET = 2.13 MILES  
GROSS LENGTH OF IMPROVEMENT = 11,347 LINEAL FEET = 2.15 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

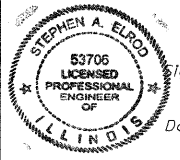
APPROVED FEBRUARY 3 2009  
*[Signature]*  
DIRECTOR OF TRANSPORTATION COUNTY ENGINEER, KANE COUNTY

PASSED FEBRUARY 17 2009  
*[Signature]*  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR  
BID BASED ON  
LIMITED REVIEW FEBRUARY 17, 20  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER



Signed *Kenton P. Zinn*  
Kenton P. Zinn, S.E. IL Lic. No. 062-005828  
Expires 11-30-2010.  
Date 2/3/09 For drawings 106 thru 213 and 218 thru 219



Signed *[Signature]*  
Stephen Elrod, P.E. IL Lic. No. 062-053706  
Expires 11-30-2009.  
Date 2/3/09 For drawings 11 thru 20, 43 thru 46, 214 thru 217, and 244 thru 320

Signed *John W. Witte*  
JOHN W. WITTE, P.E. IL Lic. No. 062-058599  
Expires 11-30-2009.  
Date 2/3/09 For drawings 49 thru 59, and 78 thru 83



Signed *[Signature]*  
Michael E. Kerr, P.E. IL Lic. No. 062-046642  
Expires 11-30-2009.  
Date 2/3/09 For all drawings excluding 236 thru 243 and those listed here.



Signed *[Signature]*  
Majid Mobaraki, S.E. IL Lic. No. 081-005058  
Expires 11-30-2010.  
Date 2/3/09 For drawings 220 thru 221

PROJECT ENGINEER  
PROJECT MANAGER JESSICA A. FELICIANO, P.E.

CONTRACT NO. 63075

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FILE NAME = IND_070793_01.SHT	USER NAME = GTINE	DESIGNED <i>GT</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS AND IDOT STANDARD DRAWINGS</b>				F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 2
		DRAWN <i>GT</i>	REVISED -		SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 63075		
		CHECKED <i>MCW</i>	REVISED -								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
		DATE <i>01/16/09</i>	REVISED -										

**GENERAL NOTES**

**SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS**

EXCEPT WHERE MODIFIED BY THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS OR THE DETAILS IN THE PLANS, ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS"; THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD.

**UTILITIES**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE COUNTY DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE COUNTY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR EXISTING UTILITIES IN CONFORMANCE WITH THE AFFECTED UTILITY COMPANIES REQUIREMENTS AS MAY BE REQUIRED TO PERFORM THE WORK OF THIS CONTRACT.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF EXISTING BURIED UTILITIES (48-HOUR ADVANCE NOTIFICATION IS REQUIRED).

**STAKING**

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE COUNTY, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS. ELEVATIONS SHOWN AT POINT OF CURVE, ETC. ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC., ARE FROM THE PROPOSED CENTERLINE OR BASELINE.

**WATER, STORM SEWER AND SANITARY SEWER**

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE COUNTY.

DRAINAGE STRUCTURE OFFSETS AS SHOWN ON THE PLANS ARE GIVEN TO THE FOLLOWING POINTS:  
(A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT.  
(B) FOR ALL OTHER STRUCTURES - TO THE CENTER OF THE STRUCTURE.

RIM ELEVATIONS SHOWN ON THE PLANS FOR DRAINAGE STRUCTURES IN THE CURB LINE ARE EDGE OF PAVEMENT ELEVATIONS.

THE ENDS OF EXISTING DRAINAGE LINES AND HOLES IN EXISTING MANHOLES WHICH ARE NOT TO BE INCORPORATED INTO THE PROPOSED IMPROVEMENTS DESIGNATED BY THE ENGINEER SHALL BE SEALED WITH A PORTLAND CEMENT MORTAR TO THE SATISFACTION OF THE ENGINEER. COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF STORM SEWER REMOVAL.

THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATION OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK SHALL BE AT THE CONTRACTOR'S EXPENSE AND MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.

EXCAVATIONS FOR STRUCTURE AND/OR PIPELINE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING STRUCTURE/PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY EXCAVATIONS SHALL BE PROVIDED BY THE CONTRACTOR AND THE COST OF SUCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS TO WHICH THEY PERTAIN.

**BACKFILL**

ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON INVERT DEPTH FROM TOP OF PROPOSED SUBGRADE.

ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED ABOVE, INCLUDING BEDDING MATERIAL, WILL NOT BE MEASURED FOR PAYMENT.

**MISCELLANEOUS**

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. 3-DAY NOTICE SHALL BE GIVEN TO THE ABUTTING PROPERTY OWNER PRIOR TO ANY SHORT DURATIONS WHERE ACCESS WILL NOT BE MAINTAINABLE. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEMS "TEMPORARY ACCESS (PRIVATE ENTRANCE)" OR "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)".

ALL EXISTING AGGREGATE DRIVEWAYS SHALL BE REPLACED AS BITUMINOUS DRIVEWAYS.

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

ALL SAWCUTTING SHALL BE INCLUDED IN THE REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

DEPRESSED CURB: RAMPS OR DEPRESSED CURBS ACCESSIBLE TO THE HANDICAPPED SHALL BE PROVIDED FOR ALL SIDEWALKS AND BICYCLE PATHS AT ALL CROSSWALKS, ALLEYS, AND CURBED DRIVEWAYS. STANDARD (NON-ADA) DEPRESSED CURB SHALL BE PROVIDED FOR ALL DRIVEWAYS AT THE EDGE OF PAVEMENT.

RELOCATING EXISTING SIGNS ALONG IL ROUTE 25: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS ALONG IL ROUTE 25 SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS". THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

ALL EXISTING SIGNS LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE REMOVED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TIME OF REMOVAL.

ALL NEW SIGNS TO BE LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE SUPPLIED AND INSTALLED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF FIFTEEN (15) WORKING DAYS PRIOR TO THE DESIRED TIME OF INSTALLATION.

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

BUTT JOINTS WILL BE INSTALLED AT THE END OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

CONTRACTOR SHALL NOT PLACE SOD UNTIL THE GROUND IS IN A WORKABLE CONDITION AND THE TEMPERATURE IS 80°F OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80°F OR LESS. SOD SHALL NOT BE PLACED WHEN THE SOD OR GROUND SURFACE IS FROZEN. SOD SHALL NOT BE PLACED DURING THE MONTHS OF JULY AND AUGUST. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACTOR WILL NOT BE CHARGED WORKING DAYS FOR DELAYS IN PARKWAY RESTORATION DUE TO TEMPERATURE.

ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON N.G.V.D. OF 1929.

CERTAIN INFORMATION SHOWN ON THESE DRAWINGS HAS BEEN OBTAINED FROM DRAWINGS OF RECORD. CONTRACTOR SHALL VERIFY SUCH INFORMATION PRIOR TO ACTUAL START OF WORK. WHERE DISCREPANCIES ARE DISCOVERED THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. FAILURE BY THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER OF SUCH DISCREPANCIES SHALL RESULT IN THE CONTRACTOR BEARING THE FULL BURDEN OF ALL RISKS/COSTS ATTRIBUTED TO THE DISCOVERED DISCREPANCY.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE. COPIES OF AVAILABLE GEOTECHNICAL INFORMATION ARE AVAILABLE FROM THE COUNTY FOR REVIEW AND INFORMATION.

ALL WORK AREAS SHALL BE PROPERLY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION AND TRAFFIC.

NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN OBSERVED BY THE ENGINEER.

ALL EMBANKMENT WIDENING SHALL BE SUFFICIENTLY BENCHED INTO EXISTING EMBANKMENTS/ SLOPES PER ARTICLE 205 OF THE STANDARD SPECIFICATIONS, AND AS APPROVED BY THE ENGINEER. ALL COSTS WILL BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

FILE NAME = NOT_070793_01.SHT	USER NAME = MWORMAN	DESIGNED GT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 3
	PLOT SCALE = 1"	DRAWN GT	REVISED -			CONTRACT NO. 63075				
	PLOT DATE = 1/16/2009	CHECKED MCW	REVISED -			SCALE: N/A	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
		DATE 01/16/09	REVISED -							

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,638	641							4,279
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,841	322							2,163
20101000	TEMPORARY FENCE	FOOT	3,330								3,330
20101100	TREE TRUNK PROTECTION	EACH	155	30							185
* 20101200	TREE ROOT PRUNING	EACH	155	30							185
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	78	15							93
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	77	15							92
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	775	150							925
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	775	150							925
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	775	150							925
* 20101700	SUPPLEMENTAL WATERING	UNIT	36	7							43
20200100	EARTH EXCAVATION	CU YD	202,731	8,835							211,566
20200300	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	8,040								8,040
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,693								2,693
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	84								84
20700400	POROUS GRANULAR EMBANKMENT (SPECIAL)	CU YD					336	24			360
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	6,619								6,619
20800150	TRENCH BACKFILL	CU YD	1,631	96							1,727
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	14,831								14,831
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	37,813	852							38,665
* 25000350	SEEDING, CLASS 7	ACRE	24	2							26
* 25100115	MULCH, METHOD 2	ACRE	20	2							22
28000400	PERIMETER EROSION BARRIER	FOOT	18,258	2,781							21,039
28000500	INLET AND PIPE PROTECTION	EACH	11	6							17
28000510	INLET FILTERS	EACH	159								159
28100105	STONE RIPRAP, CLASS A3	SQ YD	114								114
28100107	STONE RIPRAP, CLASS A4	SQ YD	93	7			1,462	349			1,911
28100109	STONE RIPRAP, CLASS A5	SQ YD	2,052	21							2,073
28101500	RIPRAP, SPECIAL	TON	2,721								2,721
28200200	FILTER FABRIC	SQ YD	2,180	50			1,578	272			4,080
31102000	SUB-BASE GRANULAR MATERIAL, TYPE C	CU YD	456	322							778
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	1,742								1,742
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	4,137	667							4,804
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD		61							61
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	67	191							258
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,641	3,766							6,407
40600300	AGGREGATE (PRIME COAT)	TON	13	9							22

\* Specialty Items

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USER NAME = GTINE

DESIGNED GT

REVISED -

DRAWN GT

REVISED -

PLOT SCALE = 1'

CHECKED MCW

REVISED -

PLOT DATE = 2/12/2009

DATE 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	4
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON		295							295
40600895	CONSTRUCTING TEST STRIP	EACH		1							1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD		160							160
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,259	2,147							3,406
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	471	101							572
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	240	795							1,035
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	44,584								44,584
42001185	BRIDGE APPROACH PAVEMENT	SQ YD	658								658
42001300	PROTECTIVE COAT	SQ YD	59,864	43			7,137	671			67,715
42001400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	287								287
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	2,150								2,150
44000100	PAVEMENT REMOVAL	SQ YD		215							215
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD		3,515							3,515
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD		227							227
44004250	PAVED SHOULDER REMOVAL	SQ YD		963							963
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD		80							80
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD		80							80
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD		240							240
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD		400							400
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT		2,508							2,508
48101200	AGGREGATE SHOULDERS, TYPE B	TON	38	301							339
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	108	1,241							1,349
50105220	PIPE CULVERT REMOVAL	FOOT	36	265							301
50200100	STRUCTURE EXCAVATION	CU YD	2,230				1,815	44			4,089
50200300	COFFERDAM EXCAVATION	CU YD					764				764
50200500	COFFERDAMS	EACH					2				2
50300225	CONCRETE STRUCTURES	CU YD	36				2,003	104			2,143
50300255	CONCRETE SUPERSTRUCTURE	CU YD					1,839	32			1,871
50300260	BRIDGE DECK GROOVING	SQ YD					6,071	670			6,741
50300265	SEAL COAT CONCRETE	CU YD					247				247
50300280	CONCRETE ENCASEMENT	CU YD					32	1			33
50300285	FORM LINER TEXTURED SURFACE	SQ FT					18,203				18,203
50400205	PRECAST PRESTRESSED CONCRETE DECK BEAMS (11" DEPTH)	SQ FT						4,885			4,885
50500505	STUD SHEAR CONNECTORS	EACH					16,800	429			17,229
50800105	REINFORCEMENT BARS	POUND	40,100				185,370	32,800			258,270
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,200				879,950	75,960			958,110
50800515	BAR SPLICERS	EACH					122	39			161

\* Specialty Items

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DESIGNED *GT*

REVISED -

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REVISED -

PLOT SCALE = 1"

CHECKED *MCW*

REVISED -

PLOT DATE = 2/13/2009

DATE *01/16/09*

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	5
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
50901115	STEEL RAILING (SPECIAL)	FOOT						2,025			2,025
50901720	BICYCLE RAILING	FOOT	60					156			216
50901725	BICYCLE RAILING, SPECIAL	FOOT							933		933
51201600	FURNISHING STEEL PILES HP12X53	FOOT							58		58
51201700	FURNISHING STEEL PILES HP12X74	FOOT						5,819			5,819
51202305	DRIVING PILES	FOOT						5,819	58		5,877
51203600	TEST PILE STEEL HP12X53	EACH							1		1
51203700	TEST PILE STEEL HP12X74	EACH						4			4
51205200	TEMPORARY SHEET PILING	SQ FT							624		624
51500100	NAME PLATES	EACH						1	1		2
51500110	NAME PLATES (SPECIAL)	EACH						6			6
51602000	PERMANENT CASING	FOOT						426	864		1,290
51603000	DRILLED SHAFT IN SOIL	CU YD						782	271		1,053
52000110	PREFORMED JOINT STRIP SEAL	FOOT							97		97
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH							2		2
52100020	ELASTOMERIC BEARING ASSEMBLY TYPE II	EACH						7			7
52100030	ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH						7			7
52100520	ANCHOR BOLTS, 1"	EACH							28		28
52100530	ANCHOR BOLTS, 1 1/4"	EACH						84			84
52100540	ANCHOR BOLTS, 1 1/2"	EACH						42			42
54003000	CONCRETE BOX CULVERTS	CU YD	115								115
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3								3
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2								2
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	1							3
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	1							4
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4								4
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH		1							1
54213699	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54"	EACH	1								1
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	3	1							4
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	4								4
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH		1							1
54247200	GRATING FOR CONCRETE FLARED END SECTION 54"	EACH	1								1
542C1117	PIPE CULVERTS, CLASS C, TYPE 2 72"	FOOT	36								36
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT		91							91
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	36								36
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	6,819								6,819
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1,242	215							1,457

\* Specialty Items

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PLOT SCALE = 1"

CHECKED MCW

REVISED -

PLOT DATE = 2/12/2009

DATE 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	6

CONTRACT NO. 63075

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	362	68							430
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	989	15							1,004
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	471								471
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	72								72
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	463								463
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	75								75
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	62	59							121
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	73								73
55039700	STORM SEWERS TO BE CLEANED	FOOT	200	40							240
55100500	STORM SEWER REMOVAL 12"	FOOT		24							24
58700300	CONCRETE SEALER	SQ FT					4,147	1,064			5,211
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD					134	153			287
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH		2							2
60100080	FRENCH DRAINS	CU YD	4								4
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	22								22
60107700	PIPE UNDERDRAINS 6"	FOOT	1,674	415							2,089
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT					186	68			254
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	18	2							20
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	51								51
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	2							4
60204905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 12 FRAME AND GRATE	EACH	1								1
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6								6
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	1							5
60208105	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	EACH	1								1
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	55								55
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	21	1							22
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	2							17
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5								5
60224200	MANHOLES, TYPE A, SPECIAL, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2								2
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	1							5
60500050	REMOVING CATCH BASINS	EACH		2							2
60500060	REMOVING INLETS	EACH		2							2
60603300	GUTTER OUTLET	EACH		1							1
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	33,088								33,088
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	180								180
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT		36							36
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	159								159

\* Specialty Items

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CHECKED MCW

REVISED -

PLOT DATE = 2/12/2009

DATE 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	7
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
60610900	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	71								71
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	7,172	63							7,235
60619100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SQ FT	2,520								2,520
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1,175.0	312.5							1,487.5
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	175.0	250.0							425.0
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5								5
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6								6
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4								4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	1							7
63200310	GUARDRAIL REMOVAL	FOOT		335							335
63300705	RUB RAIL	FOOT	269								269
67100100	MOBILIZATION	L SUM	1								1
70103700	TRAFFIC CONTROL COMPLETE	L SUM		1							1
70103816	TRAFFIC CONTROL SURVEILLANCE	CAL MO		18							18
70106800	CHANGEABLE MESSAGE SIGN	CAL MO		18							18
70300100	SHORT-TERM PAVEMENT MARKING	FOOT		3,476							3,476
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT		13,903							13,903
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT		257							257
70400100	TEMPORARY CONCRETE BARRIER	FOOT		425							425
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT		163							163
72000100	SIGN PANEL - TYPE 1	SQ FT		45		24					69
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT		124							124
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	218								218
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	247	7,583							7,830
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT		679							679
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	720	274							994
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	210	946							1,156
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	45	36							81
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	328								328
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	24,578								24,578
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1,568								1,568
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	497								497
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	137								137
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH		86							86
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	10	2							12
78300100	PAVEMENT MARKING REMOVAL	SQ FT		257							257
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH		88							88
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH					1				1

\* Specialty Items

FILE NAME = Soq_070793_01.SHT.dgn	USER NAME = MWORMAN	DESIGNED GT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 8
PLOT SCALE = 1"	CHECKED MCW	REVISED -	SCALE: N/A			SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 2/26/2009	DATE 01/16/09	REVISED -	CONTRACT NO. 63075							



CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM					1				1
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT				1,061	280				1,341
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT				196	1,450				1,646
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT				15	70				85
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT				111					111
* 81017520	CONDUIT IN TRENCH, 1 1/2" DIA., COILABLE NONMETALLIC CONDUIT	FOOT					840				840
* 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT				145					145
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT				165					165
* 81100700	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL	FOOT					3,880				3,880
* 81300710	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 12" X 6"	EACH					8				8
* 81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH					8				8
* 81400100	HANDHOLE	EACH				3	4				7
* 81400200	HEAVY-DUTY HANDHOLE	EACH				6					6
* 81400300	DOUBLE HANDHOLE	EACH				1	4				5
* 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH					3				3
* 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT					330				330
* 81702420	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT					3,140				3,140
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT				1,438	2,500				3,938
* 82500530	LIGHTING CONTROLLER TYPE CB-RCS 100AMP - 240VOLT	EACH					1				1
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH				1					1
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH				1					1
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT				2,322					2,322
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT				446					446
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT				2,500					2,500
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT				76					76
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH				4					4
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH				1					1
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH				2					2
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH				1					1
* 87800100	CONCRETE FOUNDATION TYPE A	FOOT				20					20
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT				4					4
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT				45					45
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH				7					7
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH				5					5
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH				1					1
* 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH				1					1

\* Specialty Items

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REVISED -

DRAWN GT

REVISED -

CHECKED MCW

REVISED -

DATE 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	9
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
* 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH				1					1
* 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH				8					8
* 88500100	INDUCTIVE LOOP DETECTOR	EACH				9					9
* 88600100	DETECTOR LOOP, TYPE I	FOOT				674					674
* K0038000	PERENNIAL PLANTS, WETLAND EMERGENT TYPE	UNIT								67	67
* K1004485	PERENNIAL PLANTS, WETLAND TYPE	UNIT								123	123
X0300062	GRAFFITI REMOVAL	SQ YD	200								200
X0322090	STORM SEWER (WATER MAIN REQUIREMENTS) 42 INCH	FOOT		380							380
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT							5,484		5,484
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	872								872
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	153								153
* X0323670	PREFORMED DETECTOR LOOP	FOOT				117					117
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	18,258	2,781							21,039
X0325649	HIGH LOAD MULTI-ROTATION BEARINGS, GUIDED EXPANSION, 700K	EACH						21			21
X0426200	DEWATERING	L SUM	1								1
* X2510635	HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL	SQ YD	566								566
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH		1							1
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	2							3
X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD							543		543
X5051401	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 1	L SUM						1			1
X5051402	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 2	L SUM						1			1
X6020098	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1								1
* X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH				1					1
* X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH				1					1
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUND NO. 6 1C	FOOT				627					627
* XX000303	ORNAMENTAL LIGHTING UNIT COMPLETE	EACH					12				12
XX004056	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT						2,222			2,222
XX005913	TEMPORARY ACCESS CAUSEWAY	L SUM						1			1
XX005963	ANTI-GRAFFITI COATING	SQ FT	1,800					18,353	1,037		21,190
XX006574	CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1								1
XX006658	FLOCCULATION LOGS	EACH	3								3
* XX006701	SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE	ACRE								4	4
* XX006702	SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE	ACRE								4	4
* XX006706	SEEDING, CLASS 4 (MODIFIED) DETENTION BASIN	ACRE								2	2
* XX006709	SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE	ACRE								4	4
* XX006710	SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE	ACRE								4	4
XX006722	TEMPORARY AGGREGATE BERM-COARSE AGGREGATE	TON	273								273

\* Specialty Items

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REVISED -

PLOT SCALE = 1"

CHECKED MCW

REVISED -

PLOT DATE = 2/13/2009

DATE 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	10
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
XX006723	TEMPORARY AGGREGATE BERM-RIPRAP	TON	582								582
XX006727	TEMPORARY DITCH CHECKS, ROLLED EXCELSIOR	FOOT	2,400	100							2,500
XX006821	CONCRETE TRUCK WASHOUT	L SUM	1								1
* XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH					3				3
XX007023	STAINING CONCRETE STRUCTURES	SQ YD	200								200
XX172700	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1								1
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	62,488	3,541							66,029
Z0013798	CONSTRUCTION LAYOUT	L SUM	1								1
Z0018000	DRAINAGE SCUPPERS (SPECIAL)	EACH						16			16
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	6								6
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	26								26
Z0018800	DRAINAGE SYSTEM	L SUM						1			1
Z0019600	DUST CONTROL WATERING	UNIT	302								302
* Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH			1						1
* Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH			1						1
* Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH			1						1
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT						126			126
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1								1
Z0065745	SLOTTED DRAIN 12" WITH 2 1/2" SLOT	FOOT	20								20
Δ Z0076600	TRAINEES	HOUR	2,640	360							3,000
* <del>XX007878</del>	EROSION CONTROL BLANKET (SPECIAL 1)	SQ YD	22,351								22,351
* <del>XX007879</del>	EROSION CONTROL BLANKET (SPECIAL 2)	SQ YD	12,378								12,378
* <del>XX007880</del>	EROSION CONTROL BLANKET (SPECIAL 3)	SQ YD	16,027								16,027
<del>XX007886</del>	CLEARING (SPECIAL)	TON	200								200
* <del>XX007887</del>	DOCUMENTATION CAMERAS	L SUM	1								1
<del>XX007882</del>	DRAINAGE STRUCTURES TO BE ADJUSTED WITH A NEW TYPE 24 FRAME AND GRATE	EACH	20								20
* <del>XX007883</del>	5" RIGID GALVANIZED STEEL MULTI-DUCT W/ 4 1-1/4" INNER DUCT IN TRENCH	FOOT					1,450				1,450
* <del>XX007884</del>	5" RIGID GALVANIZED STEEL MULTI-DUCT W/ 4 1-1/4" INNER DUCT ATTACHED TO STRUCTURE	FOOT					3,880				3,880
<del>XX007885</del>	ROOFING SYSTEM	FOOT							534		534
■ <del>Z0005215</del>	BITUMINOUS STABILIZER FOR STEEL PLATE BEAM GUARDRAIL	SQ YD	676	165							841
<del>X024775</del>	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	1,744								1,744
<del>X024045</del>	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	3								3

\* Specialty Items

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PLOT SCALE = 1'

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REVISED -

PLOT DATE = 2/12/2009

DATE 01/16/09

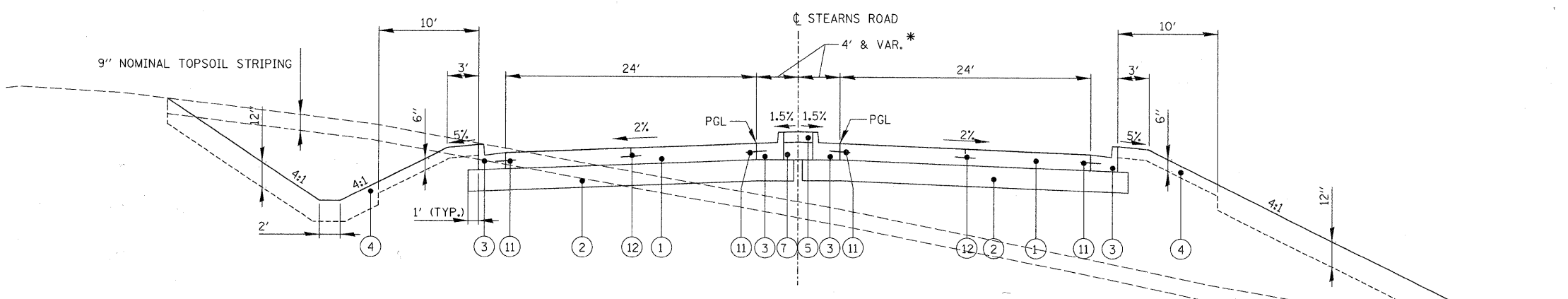
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

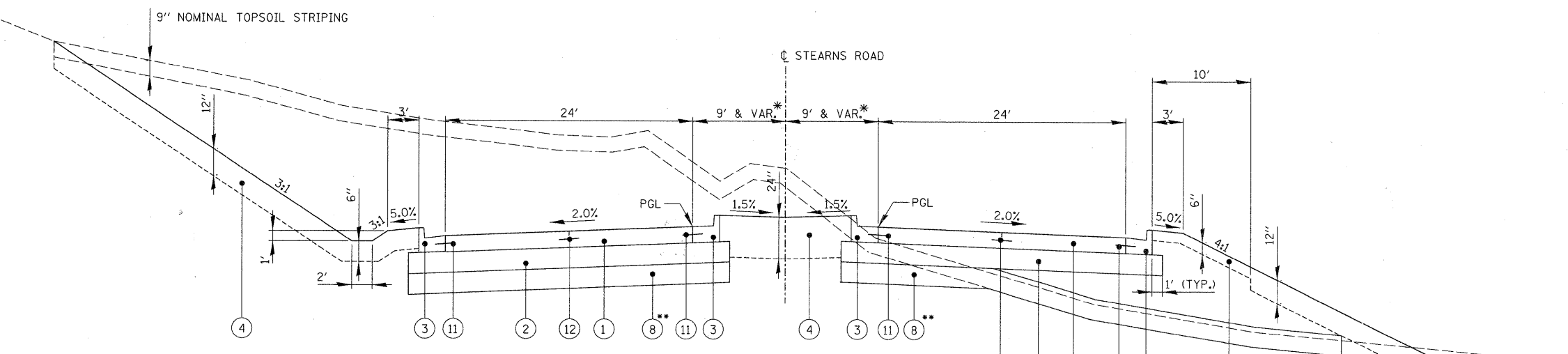
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	11
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**STEARNS ROAD**  
**STA. 560 + 63.50 TO STA. 566 + 53.00**  
 SEE PLANS FOR LOCATION OF BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) AND BRIDGE APPROACH PAVEMENT

\* TRANSITIONS FROM 9' TO 4', STA. 560+63.50 TO STA. 564+42.68

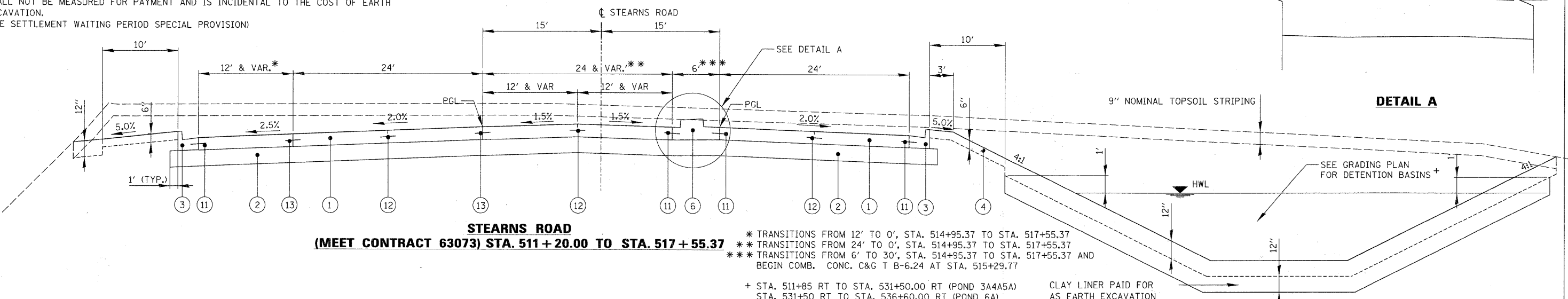


**STEARNS ROAD**  
**STA. 517 + 55.37 TO STA. 560 + 63.50**

SEE NOTE (1)

\* TRANSITIONS FROM 15' TO 9', STA. 517+55.37 TO STA. 520+25.37  
 \*\* STA. 525+00 TO STA. 534+00  
 STA. 542+50 TO STA. 545+00  
 STA. 545+00 TO STA. 551+00  
 (IN FILL AREAS, STRIP TOPSOIL AND INSTALL 12" PGE SUBGRADE AS A "STABILITY MAT" PRIOR TO PLACEMENT OF EMBANKMENT, FROM STA. 525+00 TO 534+00 AND FROM STA. 549+50 TO STA. 551+00)

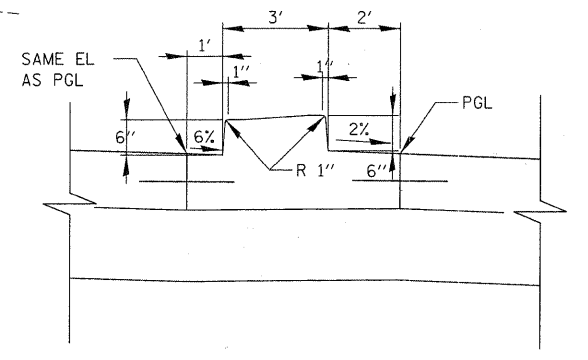
**NOTE (1):**  
 FROM STATION 525+00 TO STATION 534+00, A WAITING PERIOD SHALL BE ALLOWED FOR THE CONSOLIDATION OF THE EXISTING WEAK SOILS. THE ROADWAY GEOTECHNICAL REPORT NO. 707-11-01 FROM WANG ENGINEERING DATED AUGUST 22, 2008 RECOMMENDS A DELAY PERIOD OF AT LEAST 7 MONTHS BETWEEN THE COMPLETION OF THE MASS GRADING AND PAVEMENT CONSTRUCTION. IT ALSO GIVES THE ALTERNATIVE OF SURCHARGING THE EMBANKMENT FROM STA. 523+00 TO STA. 535+00 WITH AN ADDITIONNAL 5 FEET FOR A PERIOD OF 2 MONTHS FOR THE SUBSTANTIAL SETTLEMENT TO BE COMPLETED. THE SETTLEMENT SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER AND THE COST OF SURCHARGING THE EMBANKMENT SHALL NOT BE MEASURED FOR PAYMENT AND IS INCIDENTAL TO THE COST OF EARTH EXCAVATION. (SEE SETTLEMENT WAITING PERIOD SPECIAL PROVISION)



**STEARNS ROAD**  
**(MEET CONTRACT 63073) STA. 511 + 20.00 TO STA. 517 + 55.37**

\* TRANSITIONS FROM 12' TO 0', STA. 514+95.37 TO STA. 517+55.37  
 \*\* TRANSITIONS FROM 24' TO 0', STA. 514+95.37 TO STA. 517+55.37  
 \*\*\* TRANSITIONS FROM 6' TO 30', STA. 514+95.37 TO STA. 517+55.37 AND BEGIN COMB. CONC. C&G T B-6.24 AT STA. 515+29.77  
 + STA. 511+85 RT TO STA. 531+50.00 RT (POND 3A4A5A)  
 STA. 531+50 RT TO STA. 536+60.00 RT (POND 6A)  
 STA. 543+80 RT TO STA. 550+50 RT (POND 15A)  
 STA. 555+20 LT TO STA. 559+70 LT (POND 15B)  
 CLAY LINER PAID FOR AS EARTH EXCAVATION (PONDS 15A AND 15B ONLY)

- LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (ALL REQUIRED JOINTS INCLUDED IN COST)
  - ② AGGREGATE SUBGRADE 12"
  - ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - ④ TOPSOIL SEEDING (SEE LANDSCAPING PLAN FOR CLASS) EROSION CONTROL BLANKET (SEE ESC PLAN FOR TYPE)
  - ⑤ CONCRETE MEDIAN SURFACE, 4 INCH
  - ⑥ CONCRETE MEDIAN, TYPE SB (SPECIAL)
  - ⑦ SUBBASE GRANULAR MATERIAL TYPE C
  - ⑧ UNDERCUT AND PROPOSED GRANULAR EMBANKMENT SUBGRADE (ASSUMED 12", ACTUAL DEPTH BASED ON FIELD CONDITIONS)
  - ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 2"
  - ⑩ AGGREGATE BASE COURSE TYPE B, 6"
  - ⑪ TIE BARS (INCLUDED IN COST OF COMB CC&G TY. B-6.24 OR CONC MED TSB SPL)
  - ⑫ SAWED LONGITUDINAL JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
  - ⑬ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
  - ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 2"
  - ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2"
  - ⑯ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH 3/4" MIN., 2 1/4" MAX. (USE ⑮ FOR LIFTS > 2 1/4")
  - ⑰ HOT-MIX ASPHALT SHOULDERS, 6"
  - ⑱ AGGREGATE SHOULDERS, TYPE B 6"
  - ⑲ STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - ⑳ BITUMINOUS MATERIALS (PRIME COAT)



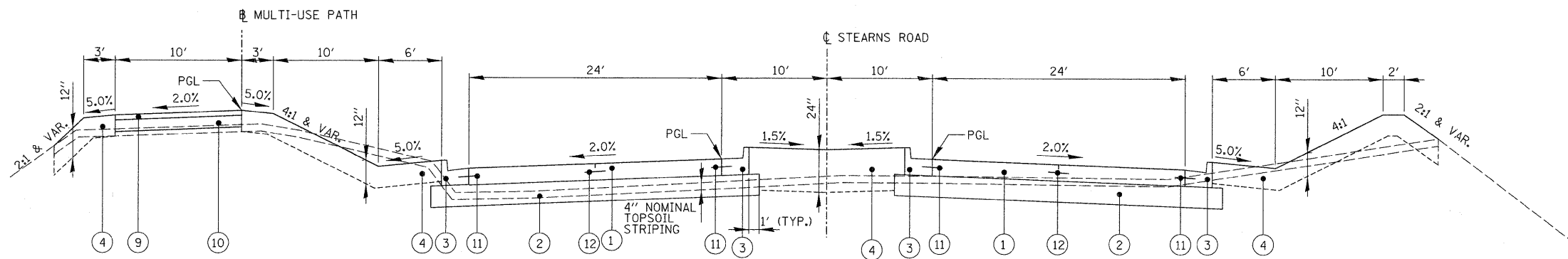
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TYP_070793_01.SHT		DRAWN GT	REVISED -
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		DATE 01/16/09	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

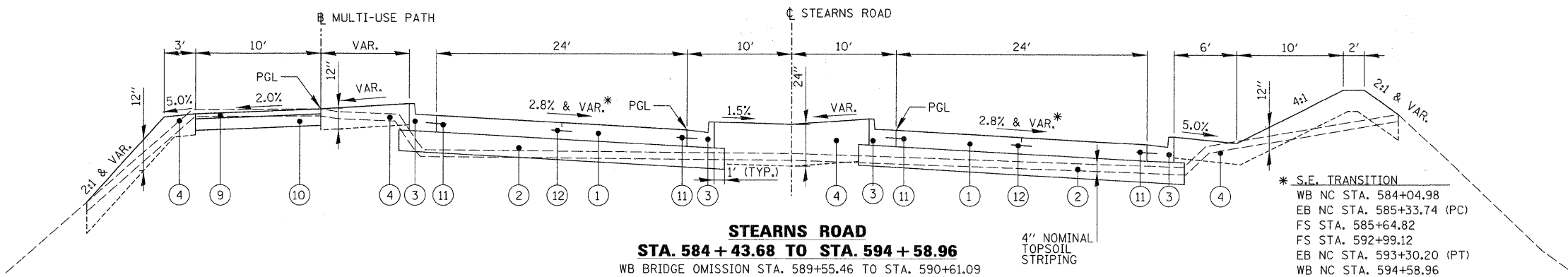
**PROPOSED TYPICAL SECTIONS**  
**STEARNS ROAD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	12
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

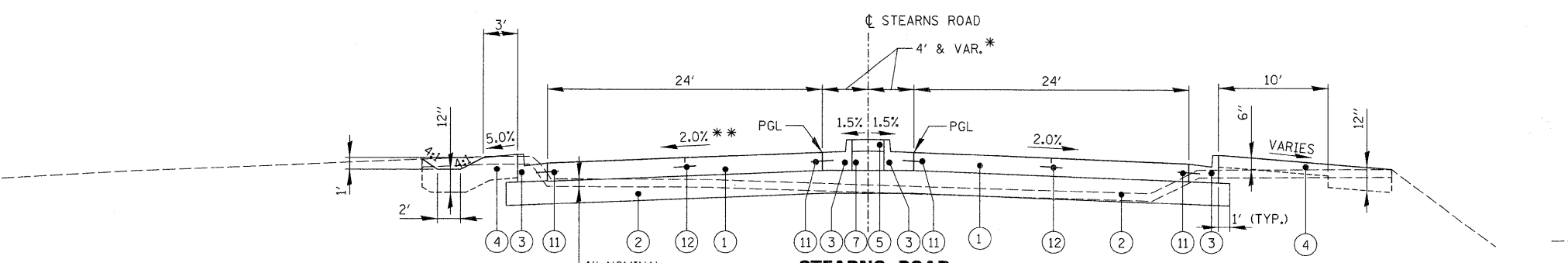


**STEARNS ROAD**  
**STA. 594 + 58.96 TO STA. 602 + 40.85**

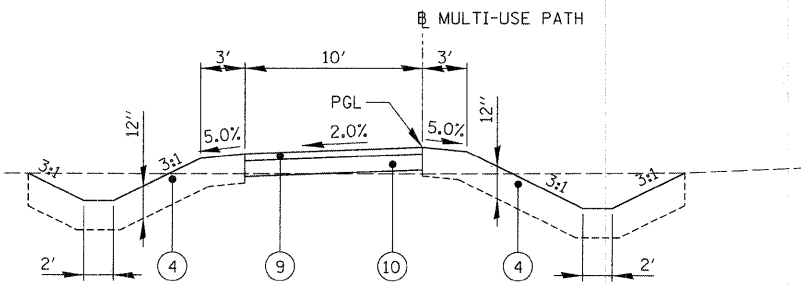


**STEARNS ROAD**  
**STA. 584 + 43.68 TO STA. 594 + 58.96**  
 WB BRIDGE OMISSION STA. 589+55.46 TO STA. 590+61.09  
 EB BRIDGE OMISSION STA. 588+64.98 TO STA. 590+50.63  
 SEE PLANS FOR LOCATION OF BRIDGE APPROACH PAVEMENT CONNECTOR (PCC), BRIDGE APPROACH PAVEMENT, AND BRIDGE APPROACH PAVEMENT (SPL)

**\* S.E. TRANSITION**  
 WB NC STA. 584+04.98  
 EB NC STA. 585+33.74 (PC)  
 FS STA. 585+64.82  
 FS STA. 592+99.12  
 EB NC STA. 593+30.20 (PT)  
 WB NC STA. 594+58.96



**STEARNS ROAD**  
**STA. 576 + 32.92 TO STA. 584 + 43.68**  
 \* TRANSITIONS FROM 4' TO 10', STA. 580+28.32 TO STA. 584+43.68  
 \*\* PARTIAL WB S.E. TRANSITION, STA. 584+04.98 TO STA. 584+43.68  
 SEE PLANS FOR LOCATION OF BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) AND BRIDGE APPROACH PAVEMENT



**MULTI-USE PATH**  
**STA. 1000 + 00 TO STA. 1013 + 00**

**LEGEND**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (ALL REQUIRED JOINTS INCLUDED IN COST)
- ② AGGREGATE SUBGRADE 12"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ TOPSOIL SEEDING (SEE LANDSCAPING PLAN FOR CLASS) EROSION CONTROL BLANKET (SEE ESC PLAN FOR TYPE)
- ⑤ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑥ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ⑦ SUBBASE GRANULAR MATERIAL TYPE C
- ⑧ UNDERCUT AND PROPOSED GRANULAR EMBANKMENT SUBGRADE (ASSUMED 12", ACTUAL DEPTH BASED ON FIELD CONDITIONS)
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 2"
- ⑩ AGGREGATE BASE COURSE TYPE B, 6"
- ⑪ TIE BARS (INCLUDED IN COST OF COMB CC&G TY. B-6.24 OR CONC MED TSB SPL)
- ⑫ SAWED LONGITUDINAL JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
- ⑬ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 2"
- ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2"
- ⑯ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH 3/4" MIN., 2 1/4" MAX. (USE ⑮ FOR LIFTS > 2 1/4")
- ⑰ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑱ AGGREGATE SHOULDERS, TYPE B 6"
- ⑲ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑳ BITUMINOUS MATERIALS (PRIME COAT)

STRUCTURAL DESIGN TRAFFIC:	Year 2020
PV = 27,840 (96%)	SU = 580 (2%) MU = 580 (2%)
ROAD/STREET CLASSIFICATION:	Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE	M = 45
P = 32	S = 45
TRAFFIC FACTOR	Actual TF = 4.41 AC Type = AC-20
	Minimum TF = 6.03
PG GRADE: Binder = N/A	Surface = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR

FILE NAME = TYP\_070793\_01.SHT

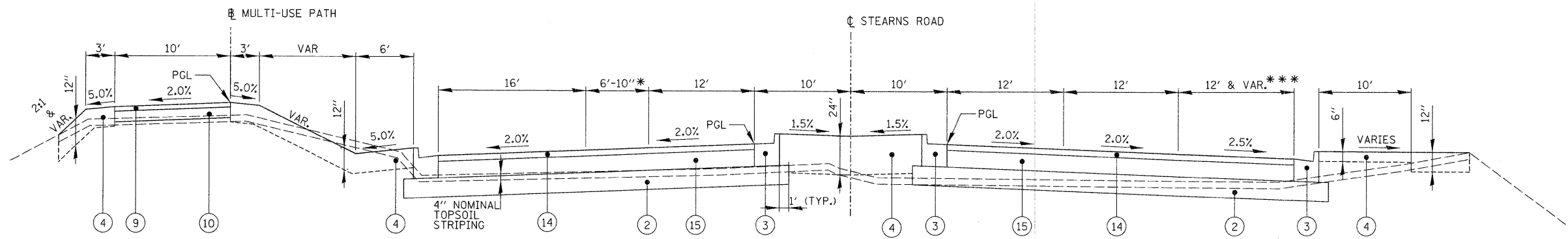
USER NAME = GTINE	DESIGNED MCW	REVISED -
PLOT SCALE = 2"	DRAWN GT	REVISED -
PLOT DATE = 2/13/2009	CHECKED MCW	REVISED -
	DATE 01/16/09	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**  
**STEARNS ROAD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63075				

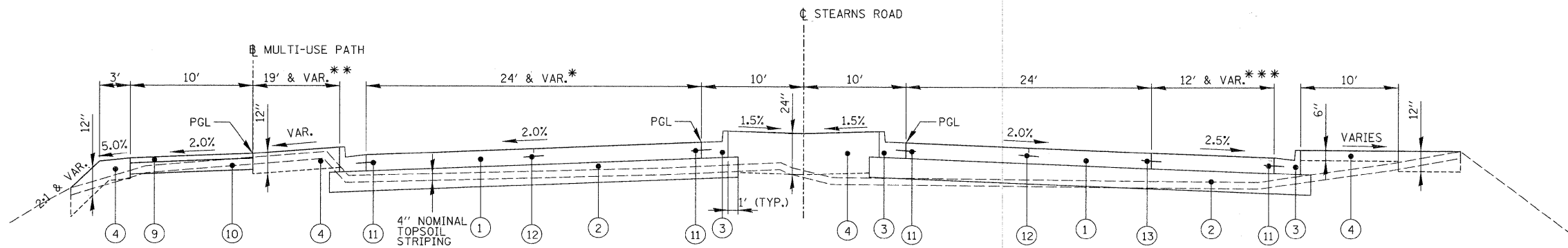


**STEARNS ROAD**  
**STA. 606 + 39.23 TO STA. 608 + 84.79**

\* ISLAND STA. 607+25.00 TO STA. 608+84.75

**LEGEND**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)  
 (ALL REQUIRED JOINTS INCLUDED IN COST)
- ② AGGREGATE SUBGRADE 12"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ TOPSOIL  
 SEEDING (SEE LANDSCAPING PLAN FOR CLASS)  
 EROSION CONTROL BLANKET (SEE ESC PLAN FOR TYPE)
- ⑤ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑥ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ⑦ SUBBASE GRANULAR MATERIAL TYPE C
- ⑧ UNDERCUT AND PROPOSED GRANULAR EMBANKMENT SUBGRADE  
 (ASSUMED 12", ACTUAL DEPTH BASED ON FIELD CONDITIONS)
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 2"
- ⑩ AGGREGATE BASE COURSE TYPE B, 6"
- ⑪ TIE BARS (INCLUDED IN COST OF COMB CC&G TY. B-6.24 OR  
 CONC MED TSB SPL)
- ⑫ SAWED LONGITUDINAL JOINT (INCLUDED IN COST OF  
 PCC PVT 10 JOINTED)
- ⑬ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF  
 PCC PVT 10 JOINTED)
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F",  
 N90 (IL 9.5 MM), 2"
- ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2"
- ⑯ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH  
 3/4" MIN., 2 1/4" MAX. (USE ⑮ FOR LIFTS > 2 1/4")
- ⑰ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑱ AGGREGATE SHOULDERS, TYPE B 6"
- ⑲ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑳ BITUMINOUS MATERIALS (PRIME COAT)



**STEARNS ROAD**  
**STA. 602 + 40.85 TO STA. 606 + 39.23**

\* TRANSITIONS FROM 24' TO 34'-10", STA. 603+90.70 TO STA. 605+90.70  
 (SEE INTERSECTION GRADING SHEET FOR ISLAND)  
 \*\* TRANSITIONS FROM 19' TO 10', STA. 603+90.70 TO STA. 605+90.70  
 \*\*\* TRANSITIONS FROM 0' TO 12' STA. 602+40.85 TO STA. 604+50.85

FILE NAME =  
 TYP\_070793\_01.SHT

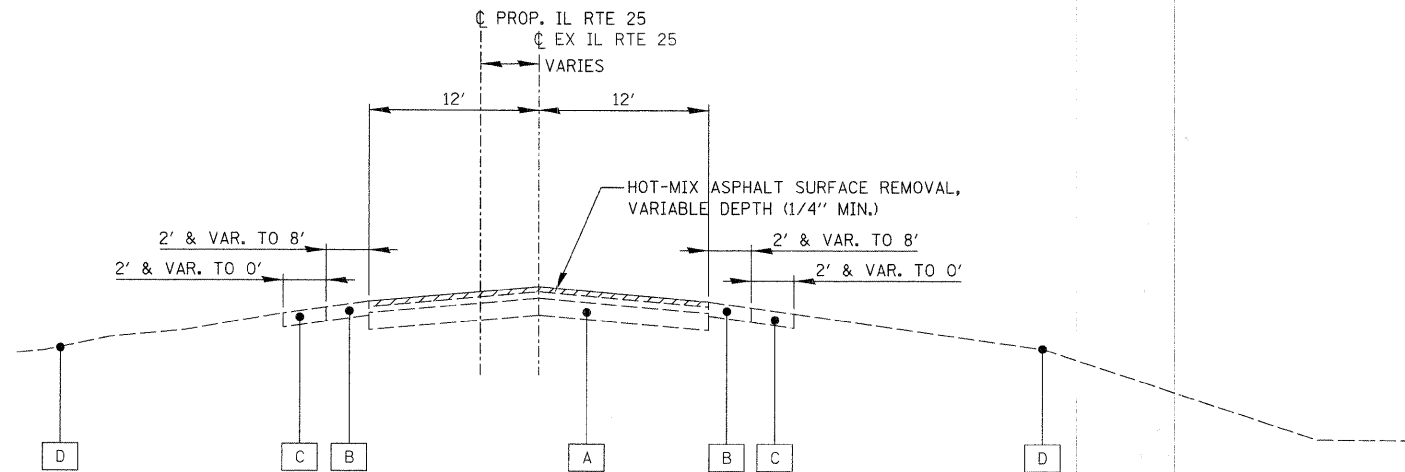
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PLOT SCALE = 20"	DRAWN GT	REVISED -
PLOT DATE = 2/10/2009	CHECKED MCW	REVISED -
	DATE 01/16/09	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**  
**STEARNS ROAD**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	14
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

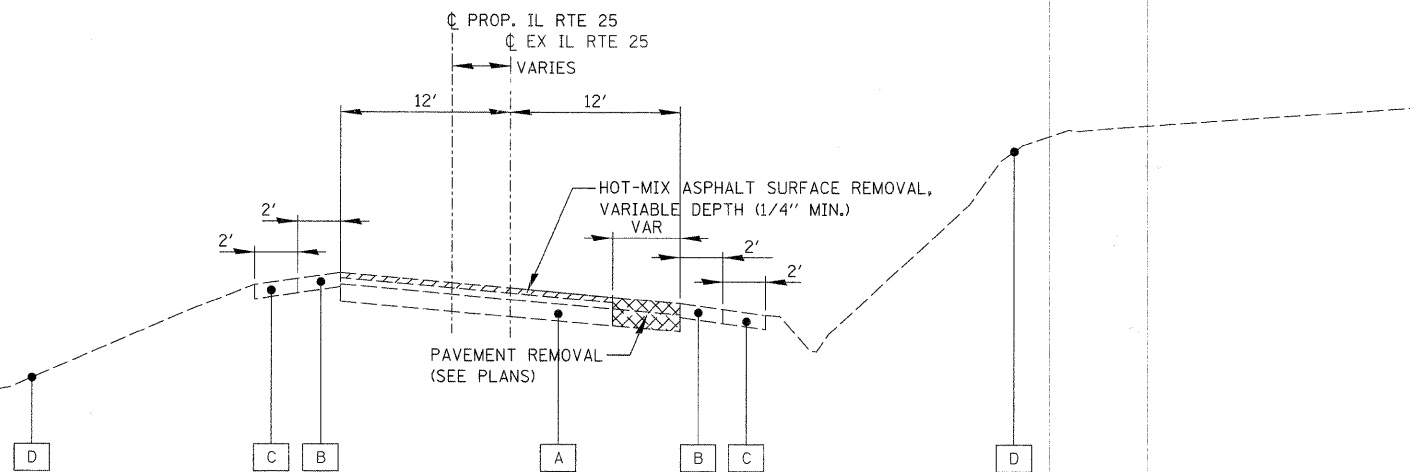


**IL ROUTE 25**  
**STA. 22 + 29.73 TO STA. 26 + 46.05**  
**STA. 29 + 97.40 TO STA. 36 + 26.56**

**LEGEND**

- A EXISTING PAVEMENT \*
- B EXISTING HMA SHOULDER
- C EXISTING AGGREGATE SHOULDER
- D EXISTING GROUND

\* HMA S.C. OVER PCC BASE OR FULL-DEPTH HMA PAVEMENT. SEE GEOTECHNICAL REPORT FOR PAVEMENT CORING DATA.



**IL ROUTE 25**  
**STA. 26 + 46.05 TO STA. 29 + 97.40**

FILE NAME = TYP\_070793\_01.SHT

USER NAME = GTINE

DESIGNED MCW

REVISED -

DRAWN GT

REVISED -

CHECKED MCW

REVISED -

DATE 01/16/09

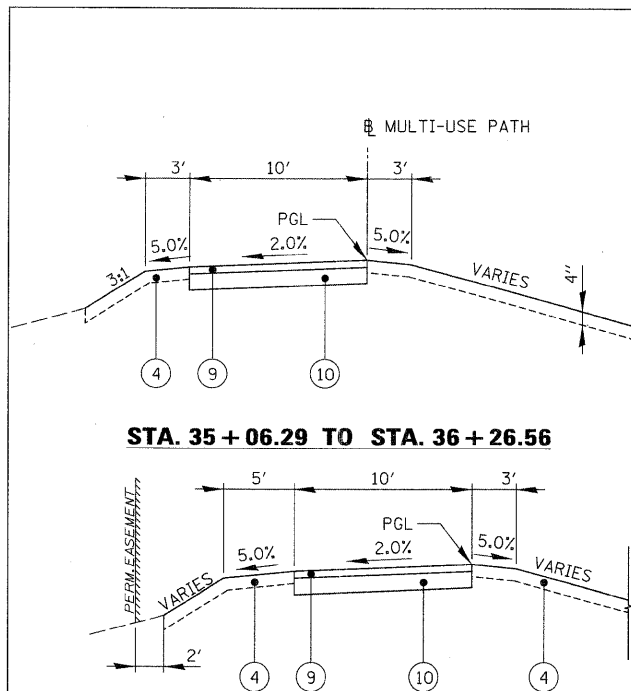
REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

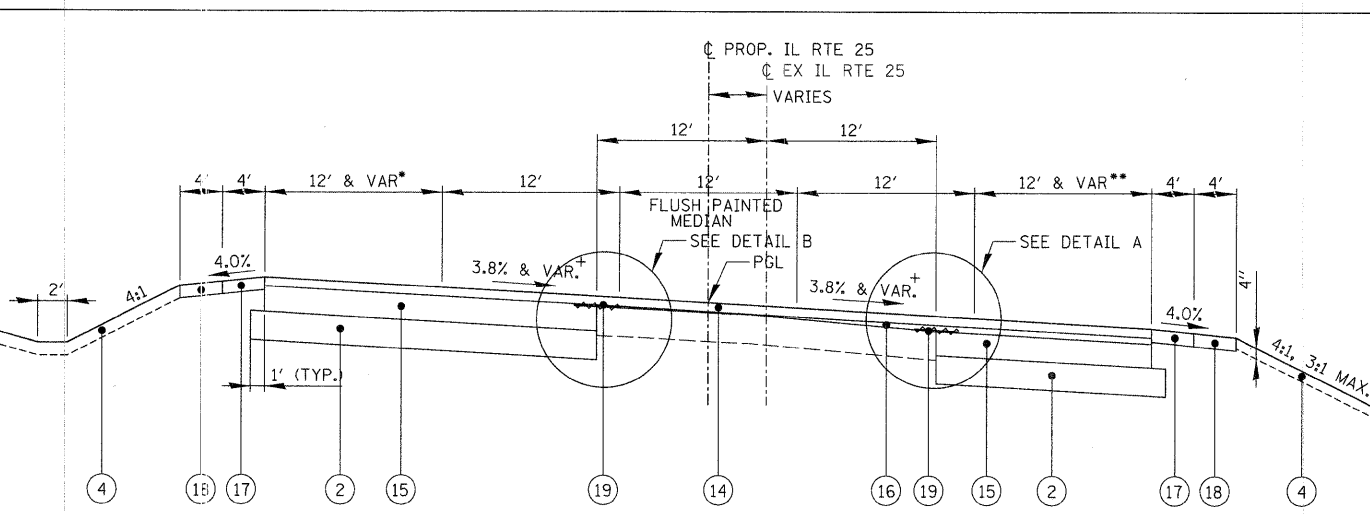
**EXISTING TYPICAL SECTIONS**  
**IL ROUTE 25**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	15
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



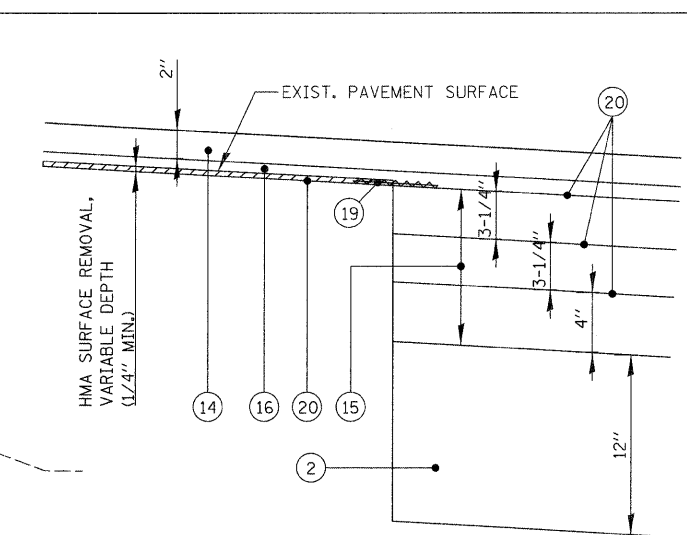
STA. 35 + 06.29 TO STA. 36 + 26.56



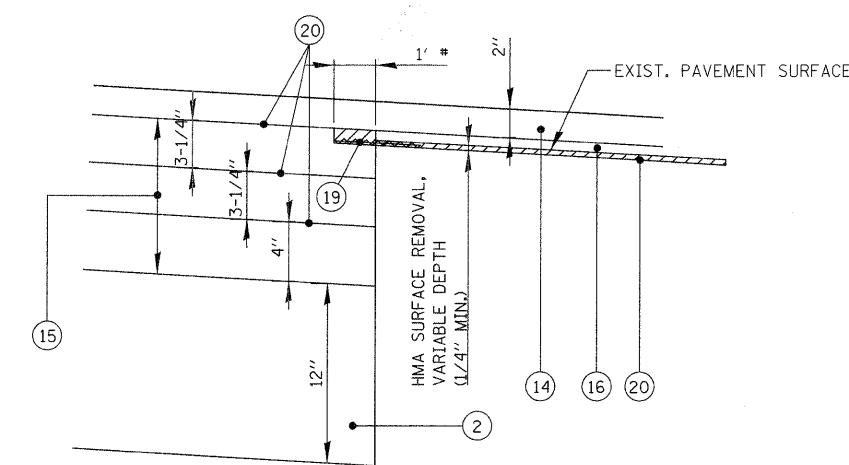
IL ROUTE 25  
STA. 26 + 30.58 TO STA. 36 + 26.56 (MEET CONTRACT 63074)

+ S.E. TRANSITION  
NC STA. 26+30.58  
FS STA. 27+91.53  
FS STA. 32+35.29  
NC STA. 33+96.24

\* TRANSITIONS FROM 16' TO 12' AND 12' TO 2.60', STA. 31+81.76 TO STA 32+70.44 AND STA 34+70.00 TO STA. 36+26.56  
\*\* TRANSITIONS FROM 12' TO 2.60', STA. 32+70.44 TO STA 36+26.56



DETAIL A



DETAIL B

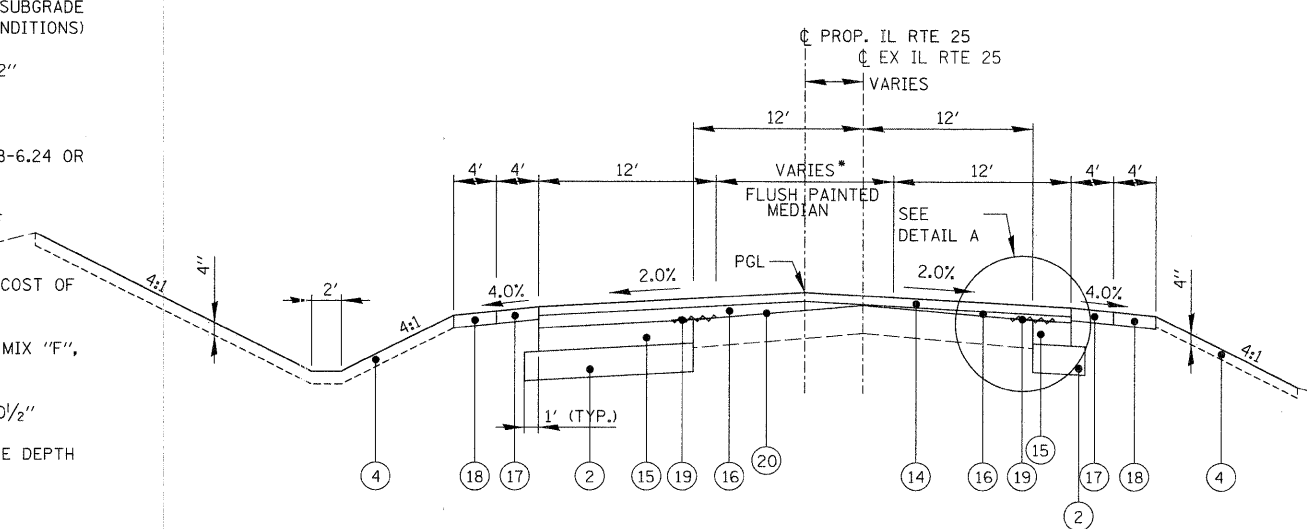
\* SEQUENCE OF CONSTRUCTION AT JOINT

1. PLACE TOP LEVEL OF BINDER COURSE
2. MILL EXISTING SURFACE COURSE EXTENDING 1' INTO LAST LIFT OF BINDER COURSE
3. PLACE STRIP REFLECTIVE CRACK CONTROL
4. PLACE LEVELING BINDER OVER MILLED SURFACE
5. PLACE SURFACE COURSE

**LEGEND**

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (ALL REQUIRED JOINTS INCLUDED IN COST)
- 2 AGGREGATE SUBGRADE 12"
- 3 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 4 TOPSOIL SEEDING (SEE LANDSCAPING PLAN FOR CLASS) EROSION CONTROL BLANKET (SEE ESC PLAN FOR TYPE)
- 5 CONCRETE MEDIAN SURFACE, 4 INCH
- 6 CONCRETE MEDIAN, TYPE SB (SPECIAL)
- 7 SUBBASE GRANULAR MATERIAL TYPE C
- 8 UNDERCUT AND PROPOSED GRANULAR EMBANKMENT SUBGRADE (ASSUMED 12", ACTUAL DEPTH BASED ON FIELD CONDITIONS)
- 9 HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 2"
- 10 AGGREGATE BASE COURSE TYPE B, 6"
- 11 TIE BARS (INCLUDED IN COST OF COMB CC&G TY. B-6.24 OR CONC MED TSB SPL)
- 12 SAWED LONGITUDINAL JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
- 13 LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
- 14 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 2"
- 15 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2"
- 16 LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH 3/4" MIN., 2 1/4" MAX. (USE 15) FOR LIFTS > 2 1/4")
- 17 HOT-MIX ASPHALT SHOULDERS, 6"
- 18 AGGREGATE SHOULDERS, TYPE B 6"
- 19 STRIP REFLECTIVE CRACK CONTROL TREATMENT
- 20 BITUMINOUS MATERIALS (PRIME COAT)

STRUCTURAL DESIGN TRAFFIC:	Year 2019		
PV = 17,021 (96%)	SU = 355 (2%)	MU = 355 (2%)	
ROAD/STREET CLASSIFICATION:	Class I		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE	P = 32	S = 45	M = 45
TRAFFIC FACTOR	Actual TF = 1.98	AC Type = AC-20	
	Minimum TF = 4.27		
PG GRADE:	Binder = 10.5 INCHES	Surface = 2 INCHES	
SUBGRADE SUPPORT RATING:	SSR = POOR		



IL ROUTE 25  
STA. 22 + 29.73 TO STA. 26 + 30.58

\* TRANSITIONS FROM 0' TO 12', STA. 21+76.31 TO STA. 26+46.05

**HOT-MIX ASPHALT REQUIREMENTS**

PAY ITEM	AC TYPE	VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 2" SBS/SBR PG76-22	PG 64-22*	4.0% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 MM), 3/4" & VARIES	PG 64-22*	4.0% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 10 1/2"	PG 64-22	4.0% @ 70 GYR.
<b>HMA DRIVEWAYS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 MM), 2"	PG 64-22	4.0% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 6", 8"	PG 64-22*	4.0% @ 50 GYR.
<b>HMA SHOULDERS, 6"</b>		
HMA STAB. AT SBPGR, 6"	PG 64-22*	2.0% @ 30 GYR.
<b>CLASS D PATCHES, 13"</b>		
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70	PG 64-22*	4.0% @ 70 GYR.
<b>MULTI-USE PATH</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 MM), 2"	PG 64-22	4.0% @ 50 GYR.

**NOTE:**

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MATERIAL IS 112 LB/SQ YD PER INCH THICKNESS.
2. \* = CONTRACTOR OPTION, WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

FILE NAME = TYP\_070793\_01.SHT

USER NAME = GTINE  
PLOT SCALE = 20'  
PLOT DATE = 2/13/2009

DESIGNED MCW  
DRAWN GT  
CHECKED MCW  
DATE 01/16/09

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS  
IL ROUTE 25

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	16
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STEARNS ROAD, CONTRACT 4: FINAL EARTHWORK

STATION	TO	STATION	EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE EARTHWORK BALANCE
			Stearns CU YD	Stearns CU YD	Stearns CU YD	Stearns CU YD	Stearns CU YD
512+00	TO	513+00	5016.7	4264.2	-59.3	4204.9	4205
513+00	TO	514+00	5183.3	4405.8	-24.1	4381.8	8587
514+00	TO	515+00	4807.4	4086.3	-24.1	4062.2	12649
515+00	TO	516+00	4801.9	4081.6	-46.3	4035.3	16684
516+00	TO	517+00	5053.7	4295.6	-87.0	4208.6	20893
517+00	TO	518+00	5470.4	4649.8	-46.3	4603.5	25496
518+00	TO	519+00	5894.4	5010.3	0.0	5010.3	30507
519+00	TO	520+00	6009.3	5107.9	0.0	5107.9	35614
520+00	TO	521+00	5605.6	4764.7	-22.2	4742.5	40357
521+00	TO	522+00	5063.0	4303.5	-192.6	4110.9	44468
522+00	TO	523+00	5190.7	4412.1	-568.5	3843.6	48311
523+00	TO	524+00	5590.7	4752.1	-994.4	3757.7	52069
524+00	TO	525+00	5246.3	4459.4	-1150.0	3309.4	55379
525+00	TO	526+00	4657.4	3958.8	-1372.2	2586.6	57965
526+00	TO	527+00	4518.5	3840.7	-1737.0	2103.7	60069
527+00	TO	528+00	4531.5	3851.8	-1516.7	2335.1	62404
528+00	TO	529+00	4998.1	4248.4	-959.3	3289.2	65693
529+00	TO	530+00	5155.6	4382.2	-624.1	3758.1	69451
530+00	TO	531+00	5051.9	4294.1	-527.8	3766.3	73218
531+00	TO	532+00	4616.7	3924.2	-814.8	3109.4	76327
532+00	TO	533+00	3750.0	3187.5	-1170.4	2017.1	78344
533+00	TO	534+00	3438.9	2923.1	-1166.7	1756.4	80100
534+00	TO	535+00	3496.3	2971.9	-1024.1	1947.8	82048
535+00	TO	536+00	3505.6	2979.7	-1188.9	1790.8	83839
536+00	TO	537+00	2268.5	1928.2	-711.1	1217.1	85056
537+00	TO	538+00	4629.6	3935.2	0.0	3935.2	88991
538+00	TO	539+00	8135.2	6914.9	0.0	6914.9	95906
539+00	TO	540+00	8070.4	6859.8	0.0	6859.8	102766
540+00	TO	541+00	8127.8	6908.6	0.0	6908.6	109675
541+00	TO	542+00	5979.6	5082.7	0.0	5082.7	114757
542+00	TO	543+00	2344.4	1992.8	-3.7	1989.1	116746
543+00	TO	544+00	3046.3	2589.4	-238.9	2350.5	119097
544+00	TO	545+00	4761.1	4046.9	-468.5	3578.4	122675
545+00	TO	546+00	3874.1	3293.0	-457.4	2835.6	125511
546+00	TO	547+00	2779.6	2362.7	-518.5	1844.2	127355
547+00	TO	548+00	2383.3	2025.8	-514.8	1511.0	128866
548+00	TO	549+00	2527.8	2148.6	-575.9	1572.7	130439
549+00	TO	550+00	1266.7	1076.7	-2000.0	-923.3	129515
550+00	TO	551+00	103.7	88.1	-2833.3	-2745.2	126770
551+00	TO	552+00	313.0	266.0	-2087.0	-1821.0	124949
552+00	TO	553+00	346.3	294.4	-1288.9	-994.5	123955
553+00	TO	554+00	559.3	475.4	-424.1	51.3	124006
554+00	TO	555+00	822.2	698.9	-38.9	660.0	124666
555+00	TO	556+00	1585.2	1347.4	-279.6	1067.8	125734
556+00	TO	557+00	2407.4	2046.3	-468.5	1577.8	127311
557+00	TO	558+00	3594.4	3055.3	-368.5	2686.8	129998
558+00	TO	559+00	5648.1	4800.9	-348.1	4452.8	134451
559+00	TO	560+00	3298.1	2803.4	-209.3	2594.2	137045
560+00	TO	561+00	40.7	34.6	-133.3	-98.7	136946
561+00	TO	562+00	22.2	18.9	-166.7	-147.8	136799
562+00	TO	563+00	53.7	45.6	-100.0	-54.4	136744
563+00	TO	564+00	53.7	45.6	-75.9	-30.3	136714
564+00	TO	565+00	13.0	11.0	-3664.8	-3653.8	133060
565+00	TO	566+00	0.0	0.0	-9955.6	-9955.6	123105
566+00	TO	567+00	0.0	0.0	-6335.2	-6335.2	116770

FOX RIVER		0.0	0.0	0.0	0.0	116770
576+00	TO 577+00	151.9	129.1	-79.6	49.4	116819
577+00	TO 578+00	248.1	210.9	-168.5	42.4	116861
578+00	TO 579+00	140.7	119.6	-209.3	-89.6	116772
579+00	TO 580+00	109.3	92.9	-205.6	-112.7	116659
580+00	TO 581+00	120.4	102.3	-177.8	-75.5	116584
581+00	TO 582+00	111.1	94.4	-207.4	-113.0	116471
582+00	TO 583+00	109.3	92.9	-244.4	-151.6	116319
583+00	TO 584+00	105.6	89.7	-255.6	-165.8	116153
584+00	TO 585+00	100.0	85.0	-170.4	-85.4	116068
585+00	TO 586+00	107.4	91.3	-75.9	15.4	116083
586+00	TO 587+00	74.1	63.0	-66.7	-3.7	116080
587+00	TO 588+00	27.8	23.6	-98.1	-74.5	116005
588+00	TO 589+00	55.6	47.2	-85.2	-38.0	115967
589+00	TO 590+00	42.6	36.2	-22.2	14.0	115981
590+00	TO 591+00	1.9	1.6	-209.3	-207.7	115773
591+00	TO 592+00	11.1	9.4	-253.7	-244.3	115529
592+00	TO 593+00	37.0	31.5	-92.6	-61.1	115468
593+00	TO 594+00	96.3	81.9	-164.8	-83.0	115385
594+00	TO 595+00	163.0	138.5	-118.5	20.0	115405
595+00	TO 596+00	161.1	136.9	-9.3	127.7	115533
596+00	TO 597+00	107.4	91.3	-27.8	63.5	115596
597+00	TO 598+00	100.0	85.0	-38.9	46.1	115642
598+00	TO 599+00	146.3	124.4	-24.1	100.3	115743
599+00	TO 600+00	153.7	130.6	-14.8	115.8	115858
600+00	TO 601+00	96.3	81.9	-37.0	44.8	115903
601+00	TO 602+00	59.3	50.4	-55.6	-5.2	115898
602+00	TO 603+00	103.7	88.1	-35.2	53.0	115951
603+00	TO 604+00	114.8	97.6	-48.1	49.4	116000
604+00	TO 605+00	68.5	58.2	-92.6	-34.4	115966
605+00	TO 606+00	131.5	111.8	-107.4	4.4	115970
606+00	TO 607+00	222.2	188.9	-192.6	-3.7	115967
607+00	TO 608+00	266.7	226.7	-422.2	-195.6	115771
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FILE NAME = EARTH SCHEDULES.DTY

USER NAME = PTINE  
 PLOT SCALE = 2"  
 PLOT DATE = 1/14/2009

DESIGNED - GS  
 DRAWN - GS  
 CHECKED - SE  
 DATE - 01/16/09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	17
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STEARNS ROAD, CONTRACT 4: FINAL TOPSOIL

			TOPSOIL EXCAVATION (CUT)	TOPSOIL PLACEMENT (FILL)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE TOPSOIL BALANCE
			Stearns	Stearns	Stearns	Stearns
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD
512+00	TO	513+00	727.8	-579.6	148.1	148
513+00	TO	514+00	709.3	-555.6	153.7	302
514+00	TO	515+00	718.5	-568.5	150.0	452
515+00	TO	516+00	705.6	-559.3	146.3	598
516+00	TO	517+00	687.0	-550.0	137.0	735
517+00	TO	518+00	696.3	-661.1	35.2	770
518+00	TO	519+00	703.7	-755.6	-51.9	719
519+00	TO	520+00	707.4	-746.3	-38.9	680
520+00	TO	521+00	692.6	-720.4	-27.8	652
521+00	TO	522+00	681.5	-701.9	-20.4	631
522+00	TO	523+00	787.0	-837.0	-50.0	581
523+00	TO	524+00	881.5	-963.0	-81.5	500
524+00	TO	525+00	833.3	-900.0	-66.7	433
525+00	TO	526+00	781.5	-831.5	-50.0	383
526+00	TO	527+00	774.1	-822.2	-48.1	335
527+00	TO	528+00	761.1	-805.6	-44.4	291
528+00	TO	529+00	794.4	-848.1	-53.7	237
529+00	TO	530+00	809.3	-863.5	-59.3	178
530+00	TO	531+00	790.7	-846.3	-55.6	122
531+00	TO	532+00	796.3	-851.9	-55.6	67
532+00	TO	533+00	772.2	-818.5	-46.3	20
533+00	TO	534+00	753.7	-792.6	-38.9	-19
534+00	TO	535+00	781.5	-825.6	-48.1	-67
535+00	TO	536+00	805.6	-864.8	-59.3	-126
536+00	TO	537+00	566.7	-563.0	3.7	-122
537+00	TO	538+00	413.0	-374.1	38.9	-83
538+00	TO	539+00	487.0	-475.9	11.1	-72
539+00	TO	540+00	477.8	-464.8	13.0	-59
540+00	TO	541+00	477.8	-463.0	14.8	-44
541+00	TO	542+00	440.7	-414.8	25.9	-19
542+00	TO	543+00	355.6	-301.9	53.7	35
543+00	TO	544+00	466.7	-440.7	25.9	61
544+00	TO	545+00	611.1	-624.1	-13.0	48
545+00	TO	546+00	592.6	-596.3	-3.7	44
546+00	TO	547+00	592.6	-596.3	-3.7	41
547+00	TO	548+00	588.9	-592.6	-3.7	37
548+00	TO	549+00	607.4	-607.4	0.0	37
549+00	TO	550+00	587.0	-525.9	61.1	98
550+00	TO	551+00	507.4	-420.4	87.0	185
551+00	TO	552+00	496.3	-451.9	44.4	230
552+00	TO	553+00	475.9	-422.2	53.7	283
553+00	TO	554+00	392.6	-320.4	72.2	356
554+00	TO	555+00	357.4	-285.2	72.2	428
555+00	TO	556+00	474.1	-438.9	35.2	463
556+00	TO	557+00	594.4	-600.0	-5.6	457
557+00	TO	558+00	609.3	-620.4	-11.1	446
558+00	TO	559+00	622.2	-637.0	-14.8	431
559+00	TO	560+00	481.5	-461.1	20.4	452
560+00	TO	561+00	288.9	-161.1	127.8	580
561+00	TO	562+00	238.9	-53.7	185.2	765
562+00	TO	563+00	227.8	-51.9	175.9	941
563+00	TO	564+00	222.2	-37.0	185.2	1126
564+00	TO	565+00	409.3	-277.8	131.5	1257
565+00	TO	566+00	564.8	-485.2	79.6	1337
566+00	TO	567+00	266.7	-222.2	44.4	1381

FOX RIVER			0.0	0.0	0.0	1381
576+00	TO	577+00	0.0	0.0	0.0	1381
577+00	TO	578+00	74.1	-75.9	-1.9	1380
578+00	TO	579+00	150.0	-155.6	-5.6	1374
579+00	TO	580+00	151.9	-159.3	-7.4	1367
580+00	TO	581+00	153.7	-172.2	-18.5	1348
581+00	TO	582+00	159.3	-194.4	-35.2	1313
582+00	TO	583+00	166.7	-207.4	-40.7	1272
583+00	TO	584+00	170.4	-209.3	-38.9	1233
584+00	TO	585+00	170.4	-198.1	-27.8	1206
585+00	TO	586+00	164.8	-227.8	-63.0	1143
586+00	TO	587+00	155.6	-253.7	-98.1	1044
587+00	TO	588+00	142.6	-214.8	-72.2	972
588+00	TO	589+00	133.3	-185.2	-51.9	920
589+00	TO	590+00	109.3	-122.2	-13.0	907
590+00	TO	591+00	42.6	-31.5	11.1	919
591+00	TO	592+00	74.1	-122.2	-48.1	870
592+00	TO	593+00	144.4	-229.6	-85.2	785
593+00	TO	594+00	148.1	-238.9	-90.7	694
594+00	TO	595+00	164.8	-290.7	-125.9	569
595+00	TO	596+00	164.8	-290.7	-125.9	443
596+00	TO	597+00	153.7	-261.1	-107.4	335
597+00	TO	598+00	151.9	-257.4	-105.6	230
598+00	TO	599+00	151.9	-255.6	-103.7	126
599+00	TO	600+00	151.9	-251.9	-100.0	26
600+00	TO	601+00	150.0	-248.1	-98.1	-72
601+00	TO	602+00	150.0	-251.9	-101.9	-174
602+00	TO	603+00	153.7	-257.4	-103.7	-278
603+00	TO	604+00	157.4	-263.0	-105.6	-383
604+00	TO	605+00	161.1	-259.3	-98.1	-481
605+00	TO	606+00	164.8	-240.7	-75.9	-557
606+00	TO	607+00	174.1	-246.3	-72.2	-630
TOTALS =			37007.4	-37637.0	-629.6	

MULTI - USE PATH, CONTRACT 4: FINAL EARTHWORK

			EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE EARTHWORK BALANCE
			Bike trail	Bike trail	Bike trail	Bike trail	Bike trail
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD
1000+75.00	TO	1001+00.00	0	0.0	-69	-69.0	-69
1001+00.00	TO	1001+25.00	0	0.0	-52	-51.9	-121
1001+25.00	TO	1001+50.00	0	0.0	-38	-38.4	-159
1001+50.00	TO	1001+75.00	0	0.0	-31	-31.5	-191
1001+75.00	TO	1002+00.00	0	0.0	-28	-28.2	-219
1002+00.00	TO	1002+25.00	0	0.0	-31	-31.0	-250
1002+25.00	TO	1002+50.00	0	0.0	-37	-37.0	-287
1002+50.00	TO	1002+75.00	0	0.0	-38	-38.4	-325
1002+75.00	TO	1003+00.00	0	0.0	-36	-35.6	-361
1003+00.00	TO	1003+25.00	0	0.0	-37	-37.0	-398
1003+25.00	TO	1003+50.00	0	0.0	-38	-38.4	-437
TOTALS =			0.0	0.0	-436.6	-436.6	

FILE NAME = EARTH SCHEDULES.DTY

USER NAME = GTINE

DESIGNED - GS

REVISED -

DRAWN - GS

REVISED -

PLOT SCALE = 20'

CHECKED - SE

REVISED -

PLOT DATE = 1/14/2009

DATE - 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	18
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MULTI-USE PATH, CONTRACT 4: FINAL TOPSOIL

		TOPSOIL EXCAVATION (CUT)	TOPSOIL PLACEMENT (FILL)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE TOPSOIL BALANCE
		Bike trail	Bike trail	Bike trail	Bike trail
STATION	TO STATION	CU YD	CU YD	CU YD	CU YD
1000+75.00	TO 1001+00.00	25	-22	2.8	3
1001+00.00	TO 1001+25.00	22	-18	4.2	7
1001+25.00	TO 1001+50.00	20	-16	4.2	11
1001+50.00	TO 1001+75.00	18	-14	3.7	15
1001+75.00	TO 1002+00.00	17	-13	3.7	19
1002+00.00	TO 1002+25.00	18	-14	3.7	22
1002+25.00	TO 1002+50.00	19	-15	3.7	26
1002+50.00	TO 1002+75.00	19	-16	3.7	30
1002+75.00	TO 1003+00.00	19	-16	3.7	33
1003+00.00	TO 1003+25.00	20	-16	3.7	37
1003+25.00	TO 1003+50.00	20	-17	3.2	40
TOTALS =		216.2	-175.9	40.3	

IL Rte. 25, FINAL EARTHWORK For Stage 2

		EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE EARTHWORK BALANCE
		IL Rte. 25	IL Rte. 25	IL Rte. 25	IL Rte. 25	IL Rte. 25
STATION	TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD
22+50	TO 23+00	11.1	9.4	-3.7	5.7	6
23+00	TO 23+50	7.4	6.3	-3.7	2.6	8
23+50	TO 24+00	2.8	2.4	-10.2	-7.8	1
24+00	TO 24+50	1.9	1.6	-17.6	-16.0	-16
24+50	TO 25+00	5.6	4.7	-9.3	-4.5	-20
25+00	TO 25+50	5.6	4.7	-3.7	1.0	-19
25+50	TO 26+00	2.8	2.4	-5.6	-3.2	-22
26+00	TO 26+50	11.1	9.4	-4.6	4.8	-17
26+50	TO 27+00	75.0	63.8	-12.0	51.7	34
27+00	TO 27+50	172.2	146.4	-19.4	126.9	161
27+50	TO 28+00	200.9	170.8	-18.5	152.3	314
28+00	TO 28+50	158.3	134.6	-16.7	117.9	431
28+50	TO 29+00	75.9	64.5	-14.8	49.7	481
29+00	TO 29+50	48.1	40.9	-13.0	28.0	509
29+50	TO 30+00	116.7	99.2	-7.4	91.8	601
30+00	TO 30+50	233.3	198.3	-1.9	196.5	797
30+50	TO 31+00	331.5	281.8	-0.9	280.8	1078
31+00	TO 31+50	405.6	344.7	0.0	344.7	1423
31+50	TO 32+00	639.8	543.8	0.0	543.8	1967
32+00	TO 32+50	953.7	810.6	0.0	810.6	2777
32+50	TO 33+00	1105.6	939.7	0.0	939.7	3717
33+00	TO 33+50	834.3	709.1	0.0	709.1	4426
33+50	TO 34+00	367.6	312.5	0.0	312.5	4739
34+00	TO 34+50	134.3	114.1	-6.5	107.6	4846
34+50	TO 35+00	65.7	55.9	-7.4	48.5	4895
35+00	TO 35+50	75.9	64.5	-0.9	63.6	4958
35+50	TO 36+00	61.1	51.9	0.0	51.9	5010
36+00	TO 36+50	14.8	12.6	0.0	12.6	5023
TOTALS =		6118.5	5200.7	-177.8	5023.0	

IL Rte. 25, FINAL EARTHWORK For Stage 1

		EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE EARTHWORK BALANCE
		IL Rte. 25	IL Rte. 25	IL Rte. 25	IL Rte. 25	IL Rte. 25
STATION	TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD
22+50	TO 23+00	13.0	11.0	-24.1	-13.1	-13
23+00	TO 23+50	12.0	10.2	-34.3	-24.0	-37
23+50	TO 24+00	9.3	7.9	-52.8	-44.9	-82
24+00	TO 24+50	6.5	5.5	-32.4	-26.9	-109
24+50	TO 25+00	7.4	6.3	-4.6	1.7	-107
25+00	TO 25+50	11.1	9.4	-0.9	8.5	-99
25+50	TO 26+00	18.5	15.7	-1.9	13.9	-85
26+00	TO 26+50	28.7	24.4	-13.0	11.4	-73
26+50	TO 27+00	29.6	25.2	-44.4	-19.3	-93
27+00	TO 27+50	26.9	22.8	-43.5	-20.7	-113
27+50	TO 28+00	53.7	45.6	-11.1	34.5	-79
28+00	TO 28+50	100.9	85.8	0.0	85.8	7
28+50	TO 29+00	105.6	89.7	0.0	89.7	97
29+00	TO 29+50	65.7	55.9	0.0	55.9	153
29+50	TO 30+00	38.0	32.3	0.0	32.3	185
30+00	TO 30+50	36.1	30.7	0.0	30.7	216
30+50	TO 31+00	134.3	114.1	0.0	114.1	330
31+00	TO 31+50	238.0	202.3	0.0	202.3	532
31+50	TO 32+00	220.4	187.3	0.0	187.3	719
32+00	TO 32+50	280.6	238.5	0.0	238.5	958
32+50	TO 33+00	466.7	396.7	0.0	396.7	1354
33+00	TO 33+50	466.7	396.7	0.0	396.7	1751
33+50	TO 34+00	207.4	176.3	-291.7	-115.4	1636
34+00	TO 34+50	41.7	35.4	-823.1	-787.7	848
34+50	TO 35+00	29.6	25.2	-837.0	-811.9	36
35+00	TO 35+50	25.9	22.0	-758.3	-736.3	-700
35+50	TO 36+00	27.8	23.6	-928.7	-905.1	-1605
36+00	TO 36+50	13.9	11.8	-475.9	-464.1	-2069
TOTALS =		2715.7	2308.4	-4377.8	-2069.4	

FILE NAME = EARTH SCHEDULES.QTY

USER NAME = GTINE

DESIGNED - GS

REVISED -

DRAWN - GS

REVISED -

PLOT SCALE = 20"

CHECKED - SE

REVISED -

PLOT DATE = 1/14/2009

DATE - 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	19
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

IL Rte. 25, FINAL TOPSOIL

			TOPSOIL EXCAVATION (CUT)	TOPSOIL PLACEMENT (FILL)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE TOPSOIL BALANCE
			IL Rte. 25	IL Rte. 25	IL Rte. 25	IL Rte. 25
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD
22+50	TO	23+00	46.3	-14.8	31.5	31
23+00	TO	23+50	44.4	-13.9	30.6	62
23+50	TO	24+00	44.4	-13.9	30.6	93
24+00	TO	24+50	44.4	-14.8	29.6	122
24+50	TO	25+00	28.7	-8.3	20.4	143
25+00	TO	25+50	23.1	-5.6	17.6	160
25+50	TO	26+00	31.5	-8.3	23.1	183
26+00	TO	26+50	44.4	-7.4	37.0	220
26+50	TO	27+00	73.1	-19.4	53.7	274
27+00	TO	27+50	93.5	-33.3	60.2	334
27+50	TO	28+00	95.4	-32.4	63.0	397
28+00	TO	28+50	89.8	-28.7	61.1	458
28+50	TO	29+00	73.1	-19.4	53.7	512
29+00	TO	29+50	56.5	-15.7	40.7	553
29+50	TO	30+00	60.2	-20.4	39.8	593
30+00	TO	30+50	81.5	-22.2	59.3	652
30+50	TO	31+00	128.7	-28.7	100.0	752
31+00	TO	31+50	172.2	-41.7	130.6	882
31+50	TO	32+00	182.4	-50.9	131.5	1014
32+00	TO	32+50	187.0	-54.6	132.4	1146
32+50	TO	33+00	194.4	-58.3	136.1	1282
33+00	TO	33+50	179.6	-53.7	125.9	1408
33+50	TO	34+00	165.7	-50.0	115.7	1524
34+00	TO	34+50	174.1	-54.6	119.4	1644
34+50	TO	35+00	166.7	-52.8	113.9	1757
35+00	TO	35+50	137.0	-44.4	92.6	1850
35+50	TO	36+00	130.6	-46.3	84.3	1934
36+00	TO	36+50	70.4	-25.9	44.4	1979
TOTALS =			2819.4	-840.7	1978.7	

EARTHWORK QUANTITY SUMMARY

LOCATION	EARTH EXCAVATION (CU YD) 20200100	TOPSOIL EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD) 21101505	EXCESS TOPSOIL INCLUDED INTO EARTH EXCAVATION (CU YD)
Stearns Road							
Sta 511+81.70 to 608+96.81	199254	37007	169366	53594	115771	37637	630
McLean Blvd Construction Entr.	696	119	n/a	n/a	n/a	n/a	119
IL Route 25 Stage 1							
Sta 22+29.66 to 36+26.56	2716	n/a	2308	4706	-2397	n/a	n/a
IL Route 25 Stage 2							
Sta 22+29.66 to 36+26.56	6119	n/a	5201	178	5023	n/a	n/a
IL Route 25 Topsoil							
Sta 22+29.66 to 36+26.56	n/a	2844	n/a	n/a	n/a	852	1992
Bike Trail							
Sta 1000+75 to 1003+50	n/a	216	n/a	437	-437	176	40
TOTALS:	208784	40186	176875	58914	117960	38665	2781
TOTAL EARTH EXCAVATION:	211565						

FILE NAME =  
EARTH SCHEDULES.QTY

USER NAME = GTINE

DESIGNED - GS

REVISED -

DRAWN - GS

REVISED -

PLOT SCALE = 20'

CHECKED - SE

REVISED -

PLOT DATE = 1/14/2009

DATE - 01/16/09

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.

361 06-00214-20-BR KANE 320 20

CONTRACT NO.

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

DRAINAGE STRUCTURE TABLE										
STRUCT NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	STANDARD NO.	FRAME & GRATE
S102	CB, TYPE A, 5-DIAMETER, TYPE 24 F&G	511+81.34	51.00 LT	738.27	729.23	729.23		733.66	602001	604091
S103	CB, TYPE C, TYPE 24 F&G	512+30.00	51.00 LT	738.40			734.15		602011	604091
S104	CB, TYPE C, TYPE 24 F&G	513+00.00	51.00 LT	738.75		734.42			602011	604091
S105	CB, TYPE C, TYPE 24 F&G	513+99.94	51.00 LT	739.25		734.91			602011	604091
S106	CB, TYPE C, TYPE 24 F&G	514+99.94	51.00 LT	739.74		735.22			602011	604091
S108	CB, TYPE A, 5-DIAMETER, TYPE 12 F&G	511+81.34	9.00 RT	739.05	729.11	729.11		734.66	602001	604061
S109	CB, TYPE C, TYPE 12 F&G	512+30.00	9.00 RT	739.18			735.15		602011	604061
S111	CB, TYPE C, TYPE 24 F&G	512+30.00	39.00 RT	738.70			734.45		602011	604091
S112	MH, TYPE A, 8-DIAMETER, TYPE 1 FRAME, CL	511+81.34	49.58 RT	737.55	729.03		728.75	728.25	602416	604001
S113	CB, TYPE A, 6-DIAMETER, TYPE 24 F&G	511+81.34	39.00 RT	738.57	729.05	729.05		733.96	602001	604091
S114	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	513+00.00	39.00 RT	739.05	733.93	733.83			602001	604091
S115	MH, TYPE A, 7-DIAMETER, TYPE 1 FRAME, CL	513+00.00	49.58 RT	738.03	733.78		727.95	727.95	602411	604001
S116	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	514+00.00	39.00 RT	739.55	734.43	734.33			602001	604091
S117	MH, TYPE A, 7-DIAMETER, TYPE 1 FRAME, CL	514+00.01	49.58 RT	738.53	734.28		727.70	727.70	602411	604001
S118	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	514+99.94	39.00 RT	740.05	734.81	734.09			602001	604091
S119	MH, TYPE A, 7-DIAMETER, TYPE 1 FRAME, CL	514+99.94	49.58 RT	739.03	734.03		727.45	727.45	602411	604001
S120	PRECAST REINFORCED CONCRETE FES 30" (WITH GRATING)	511+99.39	81.02 LT			729.29			542301	542311
S121	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	516+00.06	39.00 RT	740.55	735.59	732.81			602001	604091
S122	MH, TYPE A, 9-DIAMETER, TYPE 1 FRAME, CL	516+00.08	49.58 RT	739.53	732.74	727.15	727.15	734.73	602421	602411
S123	PRECAST REINFORCED CONCRETE FES 54" (WITH GRATING)	516+00.15	92.66 RT		727.00				542301	542311
S124	CB, TYPE A, 4-DIAMETER, TYPE 8 GRATE	516+00.02	6.96 RT	741.46	735.85	735.75			602001	604036
S201	CB, TYPE C, TYPE 24 F&G	515+99.94	46.17 LT	740.37		736.12			602011	604091
S206	CB, TYPE C, TYPE 24 F&G	517+00.00	41.56 LT	740.99		736.74			602011	604091
S207	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	516+99.94	39.00 RT	741.05	736.34	736.34			602001	604091
S208	MH, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CL	516+99.99	48.30 RT	740.35	736.29		735.35	735.60	602401	604001
S209	CB, TYPE C, TYPE 24 F&G	518+75.00	36.34 LT	741.92		737.67			602011	604091
S210	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	518+75.00	12.34 LT	742.41	737.39	737.29			602001	604091
S211	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	518+75.00	36.34 RT	741.92	737.04	737.04			602001	604091
S212	MH, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CL	518+75.08	44.93 RT	741.40	737.00		736.44	736.69	602401	604001
S213	CB, TYPE C, TYPE 24 F&G	520+00.00	33.56 LT	742.55		738.29			602011	604091
S214	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	520+00.00	33.56 RT	742.55	737.84	737.74			602001	604091
S215	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	520+00.00	42.15 RT	742.03	737.70		737.24		602401	604001
S216	CB, TYPE C, TYPE 24 F&G	521+25.00	33.00 LT	743.18		738.93			602011	604091
S217	CB, TYPE A, 4-DIAMETER, TYPE 8 GRATE	521+25.00	0.00 LT	744.10	738.76	738.66			602001	604036
S218	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	521+25.00	33.00 RT	743.18	738.49	738.39			602001	604091
S219	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	521+25.00	41.58 RT	742.66	738.34		738.24		602401	604001
S220	CB, TYPE C, TYPE 24 F&G	522+50.00	33.00 LT	743.80		739.55			602011	604091
S221	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	522+50.00	33.00 RT	743.80	738.60	738.50			602001	604091
S222	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	522+50.00	41.58 RT	743.28	738.44		737.62	737.52	602401	604001
S223	CB, TYPE C, TYPE 24 F&G	523+75.00	33.00 LT	744.43		740.18			602011	604091
S224	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	523+75.00	33.00 RT	744.43	739.85	739.75			602001	604091
S225	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	523+75.00	41.58 RT	743.91	739.70		736.89	739.61	602401	604001
S226	CB, TYPE C, TYPE 24 F&G	525+25.00	33.00 LT	745.18		740.93			602011	604091
S227	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	525+25.00	33.00 RT	745.18	740.60	740.50			602001	604091
S228	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	525+25.00	41.58 RT	744.66	740.46		740.36		602401	604001
S229	CB, TYPE C, TYPE 24 F&G	528+50.00	33.00 LT	744.82		740.57			602011	604091
S230	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	528+49.94	33.00 RT	744.82	740.24	739.89			602001	604091
S231	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	528+49.93	41.58 RT	744.30	739.84		739.60		602401	604001
S301	CB, TYPE C, TYPE 24 F&G	530+00.00	33.00 LT	743.58		739.33			602011	604091
S302	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	530+00.00	33.00 RT	743.58	739.00	738.90			602001	604091
S303	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	530+00.08	41.58 RT	743.06	738.85		738.85	738.75	602401	604001
S304	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	531+50.00	33.00 LT	742.35		738.10		738.20	602001	604091
S305	CB, TYPE A, 4-DIAMETER, TYPE 8 GRATE	531+50.00	0.00 LT	743.27	737.93	737.83			602001	604036
S306	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	531+50.00	33.00 RT	742.35	737.67	737.57		737.67	602001	604091
S307	MH, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CL	531+49.93	41.58 RT	741.83	737.52	729.64	738.01		602401	604001
S308	PRECAST REINFORCED CONCRETE FES 15"	531+19.89	93.94 RT		729.00				542301	N/A
S309	PRECAST REINFORCED CONCRETE FES 12"	531+22.26	131.75 RT				728.00		542301	N/A
S310	CB, TYPE C, TYPE 24 F&G	533+00.00	33.00 LT	741.11		736.04			602011	604091
S311	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	533+00.00	33.00 RT	741.11	735.71	735.61			602001	604091
S312	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	533+00.00	41.58 RT	740.59	735.56		735.46		602401	604001
S313	CB, TYPE C, TYPE 24 F&G	534+50.00	33.00 LT	739.88		735.19			602011	604091
S314	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	534+50.00	33.00 RT	739.88	734.86	734.76			602001	604091
S315	MH, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CL	534+50.08	41.58 RT	739.36	734.72		734.72	731.69	602401	604001
S316	PRECAST REINFORCED CONCRETE FES 24" (WITH GRATING)	536+00.00	62.59 LT			733.00			542301	542311
S317	CB, TYPE A, 5-DIAMETER, TYPE 24 F&G	536+00.00	33.00 LT	738.64	732.82	730.78			602001	604091
S318	CB, TYPE A, 5-DIAMETER, TYPE 24 F&G	536+00.00	33.00 RT	738.64	730.44	730.34			602001	604091
S319	MH, TYPE A, 6-DIAMETER, TYPE 1 FRAME, CL	535+99.92	41.58 RT	738.12	730.29	730.19	730.94	731.72	602406	604001
S320	PRECAST REINFORCED CONCRETE FES 24" (WITH GRATING)	536+00.10	72.81 RT			730.00			542301	542311
S321	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	537+50.00	33.00 LT	737.41		733.16	733.26		602001	604091
S322	CB, TYPE A, 4-DIAMETER, TYPE 8 GRATE	537+50.00	0.00 RT	738.33	733.00	732.90			602001	604036
S323	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	537+50.00	33.00 RT	737.41	732.73	732.63	732.73		602001	604091
S324	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	537+50.00	41.58 RT	736.65	732.58		732.48		602401	604001
S325	CB, TYPE C, TYPE 24 F&G	539+00.00	33.00 LT	736.17		731.16			602011	604091
S326	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	539+00.00	33.00 RT	736.17	730.50	730.40			602001	604091
S327	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	539+00.00	41.58 RT	735.42	730.34		730.24		602401	604001
S328	CB, TYPE C, TYPE 24 F&G	540+50.00	33.00 LT	734.94		730.43			602011	604091
S329	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	540+50.00	33.00 RT	734.94	730.09	729.99			602001	604091

DRAINAGE STRUCTURE TABLE										
STRUCT NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	STANDARD NO.	FRAME & GRATE
S330	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	540+49.92	41.58 RT	734.19	729.94	729.94	729.33	729.23	602401	604001
S331	CB, TYPE C, TYPE 24 F&G	542+00.00	33.00 LT	733.70		729.19			602011	604091
S332	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	542+00.00	33.00 RT	733.70	728.86	728.76			602001	604091
S333	MH, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CL	542+00.00	41.58 RT	732.96	728.71		728.33	728.08	602401	604001
S334	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	531+50.47	131.92 RT	734.50			728.56	728.56	602401	604001
S335	PRECAST REINFORCED CONCRETE FES 12"	531+73.76	132.02 RT	730.17		729.00			542301	N/A
S336	CB, TYPE C, TYPE 24 F&G	537+25.00	33.00 LT	737.61				733.51	602011	604091
S337	CB, TYPE C, TYPE 24 F&G	531+75.00	33.00 LT	742.14			738.45		602011	604091
S338	CB, TYPE C, TYPE 24 F&G	537+25.00	33.00 RT	737.61				732.98	602011	604091
S339	CB, TYPE C, TYPE 24 F&G	531+75.00	33.00 RT	742.14			737.92		602011	604091
S401	CB, TYPE C, TYPE 24 F&G	543+50.00	33.00 LT	732.47		728.17			602011	604091
S402	CB, TYPE A, 4-DIAMETER, TYPE 8 GRATE	543+50.00	0.00 RT	733.39	728.00	727.90			602001	604036
S403	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	543+50.00	33.00 RT	732.47	727.73	727.63			602001	604091
S404	MH, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CL	543+50.00	41.58 RT	731.83	727.58		727.33	719.78	602401	604001
S405	PRECAST REINFORCED CONCRETE FES 18"	544+00.08	93.00 RT				719.00		542301	N/A
S406	CB, TYPE C, TYPE 24 F&G	545+00.00	33.00 LT	731.23		726.95			602011	604091
S407	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	545+00.00	33.00 RT	731.23	726.62	726.52			602001	604091
S408	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	544+99.92	41.58 RT	730.72	726.47			725.39	602401	604001
S409	CB, TYPE C, TYPE 24 F&G	546+50.00	33.00 LT	730.00		725.71			602011	604091
S410	CB, TYPE A, 4-DIAMETER, TYPE 24 F&G	546+50.00	33.00 RT	730.00	725.38	725.28			602001	604091
S411	MH, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CL	546+49.92	41.59 RT	729.48	725.23		724.74	724.49	602401	604001
S412	CB, TYPE C, TYPE 24 F&G	548+00.00	33.00 LT	728.76		724.51			602011	604091
S413	CB, TYPE A, 4-DIAMETER, TYPE 8 GRATE	548+00.00	0.00 LT	729.69	724.34					

DRAINAGE STRUCTURE TABLE										
STRUCT NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	STANDARD NO.	FRAME & GRATE
S701	CB, TYPE C, TYPE 24 F&G	579+25.00	28.00 LT	710.67		706.42			602011	604091
S702	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	579+25.00	28.00 RT	710.67	705.86	705.76			602001	604091
S703	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	579+25.00	36.58 RT	710.75	705.67		703.76	703.66	602401	604001
S704	CB, TYPE C, TYPE 24 F&G	582+50.00	31.43 LT	702.11		695.26			602011	604091
S705	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	582+50.00	31.43 RT	702.11	694.63	694.63			602001	604091
S706	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	582+50.00	39.92 RT	702.09	694.54		694.54	694.54	602401	604001
S707	CB, TYPE C, TYPE 8 GRATE	584+25.89	44.06 LT	699.63		696.01			602011	604036
S708	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	584+25.59	9.98 LT	701.24	695.19	695.19			602001	604091
S709	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	584+25.14	0.00 LT	701.51	695.08	695.08			602001	604036
S710	CB, TYPE C, TYPE 24 F&G	585+00.00	10.00 LT	701.47			695.42		602011	604091
S711	CB, TYPE C, TYPE 24 F&G	586+25.00	10.00 LT	702.12		695.26			602011	604091
S712	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	586+25.00	34.00 RT	701.45	694.82	694.82			602001	604091
S713	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	586+25.00	45.16 RT	700.63	694.71		694.61	694.61	602401	604001
S714	CB, TYPE C, TYPE 24 F&G	588+00.00	10.00 LT	703.03		696.78			602011	604091
S715	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	588+00.00	34.00 RT	702.36	696.34	696.24			602001	604091
S716	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	588+00.00	44.46 RT	700.15	696.14		696.04		602401	604001
S801	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	591+05.12	0.06 LT	704.89	697.75	697.85			602001	604036
S802	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	591+14.45	34.00 RT	703.99			699.37	699.47	602001	604091
S803	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	591+34.32	10.00 LT	704.77	700.02	700.12			602001	604091
S804	CB, TYPE C, TYPE 24 F&G	591+39.45	34.00 RT	704.12			699.72		602011	604091
S805	CB, TYPE C, TYPE 24 F&G	591+59.32	10.00 LT	704.90			700.37		602011	604091
S806	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	592+80.47	44.41 LT	706.52		702.17			602011	604036
S807	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	593+00.00	10.00 LT	705.63	701.37	701.13			602001	604091
S808	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	593+00.00	34.00 RT	704.97	700.69	700.59			602001	604091
S809	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	593+00.00	47.51 RT	706.20	700.45		696.80	696.70	602401	604001
S810	CB, TYPE C, TYPE 24 F&G	594+02.36	34.00 LT	706.43			702.20		602011	604091
S811	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	594+13.15	42.58 LT	706.57		702.32			602011	604036
S812	CB, TYPE C, TYPE 24 F&G	596+00.00	34.00 LT	708.92		704.67			602011	604091
S813	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	596+00.00	34.00 RT	708.92	703.99	703.89			602001	604091
S814	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	596+00.00	42.58 RT	709.00	703.71		703.59		602001	604036
S815	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	598+54.99	42.58 LT	712.82	703.55	703.65		708.57	602001	604036
S816	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	598+51.10	0.00 RT	713.59	704.94	704.94			602001	604036
S817	CB, TYPE C, TYPE 8 GRATE	598+51.30	42.58 RT	712.77	708.50				602011	604036
S818	CB, TYPE C, TYPE 24 F&G	598+99.94	34.00 LT	713.42			704.97		602011	604091
S819	CB, TYPE C, TYPE 24 F&G	599+00.00	34.00 RT	713.42			708.91		602011	604091
S820	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	601+50.00	42.58 LT	717.25		712.33	711.53		602001	604036
S821	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	601+50.00	34.00 LT	717.17	712.38	712.48			602001	604091
S822	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	601+50.00	34.00 RT	717.17	712.82	712.92			602001	604091
S823	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	601+50.00	42.58 RT	717.25	712.97				602011	604036
S901	CB, TYPE C, TYPE 24 F&G	603+73.20	34.00 LT	720.52			716.27		602011	604091
S902	CB, TYPE C, TYPE 24 F&G	603+73.63	41.59 RT	720.33			716.08		602011	604091
S903	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	603+97.50	53.65 LT	723.05	711.65	711.65		716.18	602401	604001
S904	CB, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	605+00.04	48.52 LT	722.32		717.19	716.69	716.94	602001	604036
S905	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	605+00.00	39.92 LT	722.30	717.24	717.34			602001	604091
S906	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	605+00.00	0.00 RT	723.33	717.54	717.64			602001	604036
S907	CB, TYPE C, TYPE 24 F&G	605+00.00	46.00 RT	722.12	717.87				602011	604091
S908	MH, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CL	607+00.00	52.33 LT	724.76	720.46 SE	718.88	718.63	718.63	602411	604001
S909	CB, TYPE C, TYPE 24 F&G	607+00.00	46.00 RT	725.12	719.31				602011	604091
S910	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	607+43.82	65.53 LT	722.37			718.86		602001	604036
S911	CB, TYPE C, TYPE 24 F&G	607+20.95	22.00 LT	725.97	720.92 NW				602011	604091
S912	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	607+05.18	44.83 LT	725.28	720.55 NW	720.65 SE			602001	604091
S1001	CB, TYPE C, TYPE 8 GRATE	25+50.00	30.35 RT	718.58	714.08				602011	604036
S1002	PRECAST REINFORCED CONCRETE FES 18"	27+00.56	99.37 LT				711.50		542301	N/A
S1003	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	27+00.00	32.36 LT	722.94			712.18	713.15	602401	604001
S1004	CB, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	27+00.00	33.00 RT	722.58		713.56	713.46		602001	604036
S1005	CONCRETE HEADWALL FOR PIPE DRAIN	23+26.01	32.92 LT						601101-01	N/A
S1006	CONCRETE HEADWALL FOR PIPE DRAIN	23+26.01	24.33 RT						601101-01	N/A
S1101	PRECAST REINFORCED CONCRETE FES 42" (WITH GRATING)	33+00.00	121.88 LT				716.22		542301	542311
S1102	MH, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CL	33+00.00	60.00 LT	724.17	716.27 NE		716.27	718.24	602411	604001
S1103	CB, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	33+00.00	45.00 LT	721.48			718.30	718.30	602001	604036
S1104	PRECAST REINFORCED CONCRETE FES 24" (WITH GRATING)	33+00.00	45.50 RT				718.76		542301	542311
S1105	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	34+66.00	62.76 LT	723.48			716.44	716.44	602401	604001
S1106	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	36+23.56	53.92 LT	724.3			716.60	716.60	602401.00	604001.00

\*\* SEE DRAWING DETAILS

STORM SEWER SCHEDULE						
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)
P102	S120	S102	36	30	STORM SEWERS, CLASS A, TYPE 2 30"	0.17
P103	S103	S102	49	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.00
P104	S102	S108	60	30	STORM SEWERS, CLASS A, TYPE 2 30"	0.20
P105	S104	S114	90	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.54
P106	S105	S116	90	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.53
P107	S106	S118	90	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.46
P108	S108	S113	30	30	STORM SEWERS, CLASS A, TYPE 2 30"	0.20
P110	S109	S108	49	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.00
P112	S111	S113	49	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.00
P113	S113	S112	11	48	STORM SEWERS, CLASS A, TYPE 2 48"	0.18
P114	EXISTING	S112	61	48	STORM SEWERS, CLASS A, TYPE 2 48"	0.20
P115	S112	S115	119	54	STORM SEWERS, CLASS A, TYPE 2 54"	0.25
P116	S114	S115	11	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.45
P117	S115	S117	100	54	STORM SEWERS, CLASS A, TYPE 2 54"	0.25
P118	S116	S117	11	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.45
P119	S117	S119	100	54	STORM SEWERS, CLASS A, TYPE 2 54"	0.25
P120	S118	S119	11	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.55
P121	S119	S122	100	54	STORM SEWERS, CLASS A, TYPE 2 54"	0.30
P122	S201	S124	53	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.51
P123	S121	S122	11	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.64
P124	S122	S123	44	54	STORM SEWERS, CLASS A, TYPE 2 54"	0.34
P202	S124	S121	32	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P205	S206	S207	81	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.49
P206	S207	S208	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.56
P207	S209	S210	24	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.17
P208	S210	S211	49	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.51
P209	S211	S212	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.44
P210	S213	S214	67	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.67
P211	S214	S215	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.44
P212	S208	S122	100	18	STORM SEWERS, CLASS A, TYPE 2 18"	0.62
P213	S212	S208	175	15	STORM SEWERS, CLASS A, TYPE 2 15"	0.48
P214	S215	S212	125	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.44
P215	S216	S217	33	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.52
P216	S217	S218	33	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.52
P217	S218	S219	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.56
P218	S219	S222	125	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P219	S220	S221	66	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.44
P220	S221	S222	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.66
P221	S222	S225	125	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P222	S223	S224	66	12	STORM SEWERS, CLASS A, TYPE 3 12"	0.50
P223	S224	S225	9	12	STORM SEWERS, CLASS A, TYPE 3 12"	0.55
P224	S228	S225	150	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P225	S226	S227	66	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P226	S227	S228	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.44
P227	S229	S230	66	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P228	S230	S231	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.56
P229	S231	S303	150	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P301	S301	S302	66	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P302	S302	S303	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.56
P303	S303	S307	150	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.49
P304	S304	S305	33	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.52
P305	S305	S306	33	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.48
P306	S306	S307	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.56
P307	S307	S308	62	15	STORM SEWERS, CLASS A, TYPE 3 15"	1.03
P308	S310	S311	66	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P309	S311	S312	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.56
P310	S312	S315	150	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.49
P311	S313	S314	66	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50
P312	S314	S315	9	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.44
P313	S315	S319	150	15	STORM SEWERS, CLASS A, TYPE 2 15"	0.50
P314	S316	S317	30	24	STORM SEWERS, CLASS A, TYPE 2 24"	0.60
P315	S317	S318	66	24	STORM SEWERS, CLASS A, TYPE 2 24"	0.52
P316	S318	S319	9	24		

STORM SEWER SCHEDULE						
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)
P331	S335	S334	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.76
P332	S322	S323	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.52
P333	S336	S321	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P334	S337	S304	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P335	S338	S323	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P336	S339	S306	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P401	S401	S402	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.52
P402	S402	S403	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.52
P403	S406	S407	66	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P404	S407	S408	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P405	S408	S411	149	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.44
P406	S409	S410	66	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P407	S411	S415	149	15	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P408	S412	S413	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.52
P409	S413	S414	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.52
P410	S414	S415	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P411	S415	S416	37	30	STORM SEWERS, CLASS A, TYPE 2 3/4"	0.49
P412	S420	S415	149	30	STORM SEWERS, CLASS A, TYPE 2 3/4"	0.50
P413	S417	S418	36	30	STORM SEWERS, CLASS A, TYPE 2 3/4"	0.69
P414	S418	S419	66	30	STORM SEWERS, CLASS A, TYPE 2 3/4"	0.50
P415	S419	S420	8	30	STORM SEWERS, CLASS A, TYPE 2 3/4"	1.13
P416	S432	S424	84	30	STORM SEWERS, CLASS A, TYPE 2 3/4"	0.20
P417	S421	S422	37	15	STORM SEWERS, CLASS A, TYPE 2 1/2"	2.57
P418	S422	SPREADER	30	15	STORM SEWERS, CLASS A, TYPE 2 1/2"	4.33
P419	S430	S432	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P420	S425	S426	24	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.67
P421	S427	S426	26	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.73
P422	S426	S428	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.52
P423	S428	S430	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.45
P424	S429	S430	24	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.67
P425	S436	S432	155	24	STORM SEWERS, CLASS A, TYPE 2 2 1/4"	0.20
P426	S433	S434	20	18	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	0.30
P427	S434	S435	66	18	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	0.26
P428	S439	S436	201	24	STORM SEWERS, CLASS A, TYPE 2 2 1/4"	0.20
P429	S437	S438	66	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P430	S438	S439	8	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.75
P431	S503	S439	152	15	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.40
P432	S435	S436	8	24	STORM SEWERS, CLASS A, TYPE 2 2 1/4"	0.25
P433	S431	S430	26	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.77
P434	S403	S404	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P435	S404	S405	73	18	STORM SEWERS, CLASS A, TYPE 3 1/8"	1.07
P436	S410	S411	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P501	S501	S502	21	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.71
P502	S502	S503	85	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.53
P503	S505	S504	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P504	S506	S505	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.52
P505	S507	S506	33	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.48
P506	S504	S509	199	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P507	S509	S508	37	24	STORM SEWERS, CLASS A, TYPE 2 1/4"	0.19
P508	S511	S510	66	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P509	S512	S509	199	15	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.27
P510	S513	S512	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P511	S514	S513	66	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.44
P512	S516	S512	200	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.71
P513	S515	S518	69	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.73
P514	S517	S516	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P515	S518	S517	32	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P516	S519	S518	32	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P517	S520	S516	200	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.70
P518	S521	S520	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.78
P519	S522	S521	56	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P520	S510	S509	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P601	S601	S604	95	24	STORM SEWERS, CLASS A, TYPE 2 2 1/4"	1.80
P602	S602	S603	56	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P603	S603	S604	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P604	S604	S703	175	24	STORM SEWERS, CLASS A, TYPE 2 2 1/4"	1.80
P605	S605	S601	73	18	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	0.51
P701	S701	S702	56	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P702	S702	S703	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P703	S704	S705	63	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P704	S705	S706	8	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P705	S707	EXISTING	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.78
P706	S710	EXISTING	26	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.92
P707	S711	S712	44	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P708	S712	S713	11	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P709	S716	EXISTING	76	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P710	S715	S716	10	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00

STORM SEWER SCHEDULE						
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)
P711	S714	S715	44	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P712	S703	EXISTING	181	24	STORM SEWERS, CLASS A, TYPE 2 2 1/4"	1.80
P801	S802	EXISTING	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P802	S803	EXISTING	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P803	S804	S802	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P804	S805	S803	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P805	S806	S807	40	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	2.00
P806	S807	S808	44	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P807	S808	S809	14	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P808	S810	EXISTING	10	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	2.00
P809	S814	EXISTING	199	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.99
P810	S812	S813	68	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P811	S813	S814	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	2.00
P812	S819	EXISTING	49	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P813	S818	EXISTING	49	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.51
P814	S820	S815	295	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P815	S821	S820	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P816	S822	S821	68	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P817	S823	S822	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P818	S811	EXISTING	8	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	2.50
P819	S817	EXISTING	8	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P901	S901	EXISTING	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	3.00
P902	S902	EXISTING	25	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P903	S904	S903	103	18	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	0.50
P904	S905	S904	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.56
P905	S906	S905	40	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P906	S907	S906	46	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P907	S908	S904	200	15	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	0.85
P908	S909	S908	98	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.44
P909	S910	S908	46	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.50
P910	S911	S912	27	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	0.99
P911	S912	S908	9	12	STORM SEWERS, CLASS A, TYPE 2 1/2"	1.00
P1001	S1001	S1004	150	15	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	0.35
P1002	S1003	S1002	68	18	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	1.00
P1003	S1004	S1003	65	15	STORM SEWERS, CLASS A, TYPE 2 1 1/2"	0.48
P1101	S1102	S1101	55.5	42	STORM SEWER (WATER MAIN REQUIREMENTS) 42"	0.08
P1102	S1103	S1102	15	24	STORM SEWER, CLASS A, TYPE 2 2 1/4"	0.40
P1103	S1104	S1103	90.5	24	STORM SEWER, CLASS A, TYPE 1 1/4"	0.51
P1104	S1105	S1102	166.0	42	STORM SEWER (WATER MAIN REQUIREMENTS) 42"	0.10
P1105	S1106	S1105	158	42	STORM SEWER (WATER MAIN REQUIREMENTS) 42"	0.10

SPD (SUBSURFACE PAVEMENT DRAIN) PAID FOR AS PIPE UNDERDRAINS 6"							
SPD NO.	FROM		TO		STRUCT. NO.	LENGTH (FT)	DIA. (IN)
	STATION	OFFSET	STATION	OFFSET			
1001	511+81.34	51.00 LT	511+81.34	39.00 RT	S113	90	6
1002	514+99.94	51.00 LT	514+99.94	39.00 RT	S118	90	6
2001	517+00.00	41.56 LT	516+99.94	39.00 RT	S207	80	6
2002	520+00.00	33.56 LT	520+00.00	33.56 RT	S214	67	6
2003	523+75.00	33.00 LT	523+75.00	33.00 RT	S224	68	6
3001	530+00.00	33.00 LT	530+00.00	33.00 RT	S302	66	6
3002	533+00.00	33.00 LT	533+00.00	33.00 RT	S311	66	6
3003	536+00.00	33.00 LT	536+00.00	33.00 RT	S318	66	6
3004	539+00.00	33.00 LT	539+00.00	33.00 RT	S326	66	6
3005	542+00.00	33.00 LT	542+00.00	33.00 RT	S332	66	6
4001	545+00.00	33.00 LT	545+00.00	33.00 RT	S407	66	6
4002	548+00.00	33.00 LT	548+00.00	33.00 RT	S414	66	6
4003	550+44.22	33.00 LT	550+44.22	33.00 RT	S430	66	6
4004	554+00.00	33.00 LT	554+00.00	33.00 RT	S438	66	6
5001	558+00.00	33.00 RT	558+00.00	33.00 LT	S510	66	6
5002	562+00.00	31.71 RT	562+00.00	31.71 LT	S517	64	6
7001	579+25.00	28.00 LT	579+25.00	28.00 RT	S702	64	6
7002	582+50.00	31.43 LT	582+50.00	31.43 RT	S705	63	6
7003	584+26.73	34.75 LT	584+23.56	34.58 RT	EXISTING	68	6
7004	586+25.00	34.00 LT	586+25.00	34.00 RT	S712	68	6
8001	591+20.10	34.00 LT	590+89.45	34.00 RT	EXISTING	69	6
8002	596+00.00	34.00 LT	596+00.00	34.00 RT	S813	68	6
8003	601+50.00	34.00 RT	601+50.00	34.00 LT	S821	68	6
9001	605+00.00	46.00 RT	605+00.00	39.92 LT	S905	87	6
10001	23+00.00	14.58 LT	23+26.01	14.91 LT	N/A	26	6
10002	23+00.00	15.75 RT	23+26.01	16.33 RT	N/A	26	6
10003	23+96.37	15.81 LT	23+26.01	14.91 LT	N/A	70	6
10004	23+97.85	17.93 RT	23+26.01	16.33 RT	N/A	72	6
10005	23+26.01	14.91 LT	23+26.01	32.92 LT	S1005	18	6
10006	23+26.01	16.33 RT	23+26.01	24.33 RT	S1006	8	6
11001	34+00.00	26.61 RT	33+00.00	28.83 RT	N/A	100	6
11002	34+00.00	31.00 RT	33+00.00	31.00 LT	N/A	95	6

DRAINAGE STRUCTURES TO BE ADJUSTED	
STATION	OFFSET
584+24.59	46.30 RT
585+15.59	40.94 RT
585+23.52	32.70 RT
587+22.56	44.46 RT
590+89.63	42.85 RT
594+01.33	43.79 RT

DRAINAGE STRUCTURES TO BE ADJUSTED WITH A NEW TYPE 24 FRAME & GRATE	
STATION	OFFSET
580+99.49	29.15 LT
581+02.15	28.27 RT
581+06.12	34.66 RT
583+92.49	34.63 RT
583+94.51	35.14 LT
584+23.56	34.58 RT
584+26.73	34.75 LT
584+58.67	34.

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

STATION	OFFSET	DIAMETER
STEARNS ROAD		
510+78.94	38.68 LT	6
510+83.52	17.22 LT	8
512+58.42	66.41 LT	8
523+69.19	99.37 LT	10
523+95.87	104.53 LT	12
524+09.43	110.42 LT	6
524+21.25	94.56 LT	8
524+25.58	99.66 LT	8
524+30.75	102.68 LT	8
524+79.74	82.83 LT	8
524+85.84	80.51 LT	10
528+26.17	76.77 LT	15
528+61.10	58.54 LT	12
528+71.91	60.55 LT	12
530+86.09	77.16 LT	10
530+86.89	80.14 LT	10
530+91.99	84.62 LT	10
530+95.92	72.87 LT	10
531+34.79	79.52 LT	12
531+52.89	83.25 LT	10
531+76.27	80.73 LT	10
531+87.45	74.91 LT	10
531+92.50	74.32 LT	10
531+97.90	36.82 LT	10
532+00.28	30.72 LT	10
532+07.28	36.82 LT	10
532+15.83	35.63 LT	10
532+16.12	32.56 LT	10
532+16.44	27.95 LT	10
532+32.23	32.24 LT	10
532+49.01	37.97 LT	12
532+51.17	70.27 LT	8
532+53.84	34.39 LT	10
532+57.45	79.69 LT	10
532+57.47	84.79 LT	10
532+61.09	79.36 LT	10
532+80.11	64.97 LT	10
532+88.51	69.06 LT	12
533+03.46	68.92 LT	12
533+40.09	63.95 LT	10
533+58.80	56.20 LT	8
533+77.15	54.89 LT	8
533+86.96	59.04 LT	8
534+79.00	62.34 LT	10
534+94.27	81.35 LT	15
535+04.58	84.25 LT	8
535+29.99	195.78 RT	8
535+44.18	201.96 RT	10
535+64.04	70.10 LT	8
535+66.57	188.54 RT	12
535+75.70	41.63 LT	8
535+78.76	190.81 RT	10
535+82.98	175.19 RT	10
535+86.86	54.27 LT	8
535+87.55	174.48 RT	12
535+88.83	130.43 RT	12
535+90.56	131.11 RT	12
535+90.99	121.43 RT	10
535+94.54	120.40 RT	10
535+95.55	79.48 LT	8
536+04.52	98.10 RT	8
536+06.58	92.17 RT	10
536+08.76	79.18 RT	8
536+12.09	91.13 RT	10
536+15.66	105.89 RT	10
536+18.68	12.75 RT	8
536+23.51	48.92 LT	8
536+23.52	22.14 LT	10
536+25.94	82.03 RT	8

STATION	OFFSET	DIAMETER
536+26.66	93.44 RT	8
536+33.14	63.79 RT	6
536+33.80	72.08 RT	6
536+35.72	190.41 RT	10
536+35.74	187.15 RT	8
536+35.81	34.31 RT	10
536+37.68	13.50 RT	8
536+38.10	14.34 RT	6
536+41.66	59.67 RT	10
536+41.83	172.39 RT	10
536+42.97	37.93 RT	8
536+44.00	40.20 RT	8
536+47.13	46.50 RT	10
536+52.04	10.36 RT	8
536+52.62	71.46 RT	6
536+57.49	7.46 RT	10
536+59.97	3.50 RT	10
536+63.24	66.09 RT	6
536+63.75	6.22 RT	10
536+64.64	25.98 RT	8
536+65.77	22.19 RT	6
536+72.33	36.06 RT	8
536+73.21	60.89 RT	6
536+75.06	39.84 LT	12
536+76.35	24.74 LT	6
536+78.18	39.54 RT	10
536+79.04	61.47 LT	8
536+79.93	48.37 LT	8
536+86.48	17.61 LT	6
536+89.73	47.07 LT	12
536+90.08	12.82 RT	8
536+91.01	38.11 RT	8
536+91.74	27.39 RT	8
536+96.19	23.52 LT	6
536+97.81	10.09 LT	12
536+99.14	6.39 LT	10
537+11.11	3.98 LT	8
537+13.46	9.00 RT	8
537+19.34	65.81 LT	8
537+54.40	74.11 LT	8
537+58.14	78.71 LT	8
537+68.28	29.11 RT	12
537+69.68	67.39 LT	10
537+71.05	65.51 LT	8
537+78.38	59.57 RT	12
537+84.24	54.73 LT	10
537+88.43	3.75 RT	8
537+99.21	66.74 RT	12
538+00.57	65.25 RT	8
539+34.83	48.39 RT	12
539+79.96	83.41 LT	10
541+23.71	84.49 LT	12
541+33.20	74.48 LT	10
541+55.43	28.90 LT	12
541+57.60	38.37 LT	10
541+58.09	31.07 LT	10
542+33.78	28.71 RT	12
542+34.98	29.11 RT	10
542+36.72	28.87 RT	8
548+50.10	136.66 RT	15
549+12.71	146.67 RT	12
549+30.80	114.25 RT	6
549+50.66	6.37 RT	12
549+52.65	11.67 RT	15
549+52.90	117.59 RT	6
549+54.30	128.01 RT	6
549+57.79	139.52 RT	15
549+61.48	67.95 RT	6
549+63.56	133.03 RT	6
549+64.18	122.96 RT	6

STATION	OFFSET	DIAMETER
549+74.27	63.16 LT	15
549+88.19	126.08 RT	6
549+95.66	132.03 RT	15
550+15.99	121.50 RT	6
550+38.68	105.80 RT	6
550+39.54	6.25 LT	6
550+47.31	11.67 LT	12
550+58.67	98.30 RT	6
550+62.80	11.32 LT	12
550+65.16	14.84 LT	12
550+71.88	110.33 RT	15
550+76.66	91.26 RT	8
551+11.23	6.64 LT	8
551+12.80	10.31 LT	10
551+59.83	87.20 RT	6
551+65.79	1.14 RT	12
551+67.58	2.46 RT	15
551+72.20	88.41 RT	6
551+79.44	88.30 RT	6
551+84.15	89.11 RT	6
551+97.63	90.51 RT	6
552+03.37	86.55 RT	6
552+07.19	87.08 RT	6
552+11.95	16.18 LT	12
552+24.56	51.59 LT	6
552+32.89	7.15 LT	10
552+39.10	65.44 LT	8
552+52.07	93.01 RT	6
552+63.69	10.70 LT	8
553+03.57	76.38 LT	6
553+31.93	70.41 LT	6
553+63.90	69.08 LT	8
553+85.48	74.69 LT	6
554+04.22	69.00 LT	6
554+34.90	68.99 LT	6
554+57.40	68.07 LT	8
554+64.98	62.34 LT	6
557+97.63	95.97 LT	6
558+00.93	101.01 LT	10
558+10.64	100.06 LT	8
558+87.35	94.08 LT	6
558+93.29	89.65 LT	6
558+95.48	97.04 LT	8
559+30.30	93.98 LT	12
559+55.48	103.93 LT	6
563+35.34	158.57 LT	8
563+36.05	164.55 LT	7.4
563+61.18	172.99 LT	15
563+69.95	89.83 RT	7
563+74.13	90.28 RT	10
563+84.56	102.48 RT	7.3
563+90.96	178.22 LT	14,13
563+91.15	99.03 RT	12
564+02.40	170.57 LT	7
564+08.26	117.17 RT	7
564+14.52	165.58 LT	10
564+18.32	120.12 RT	7
564+24.22	75.72 LT	10
564+26.75	66.42 LT	14
564+30.55	63.21 LT	10
564+32.77	168.32 LT	10
564+43.05	154.67 LT	12,10,7
564+56.36	177.30 LT	7
564+57.02	170.90 LT	7
564+57.45	159.28 LT	14,12
564+59.09	149.68 LT	13
564+82.56	161.30 LT	8
565+01.81	159.41 LT	8
565+15.20	4.15 RT	8
565+19.39	1.95 RT	7

STATION	OFFSET	DIAMETER
565+20.98	23.55 LT	7
565+26.55	8.16 RT	8
565+29.64	98.68 RT	8
565+32.47	182.08 LT	10
565+35.44	17.83 LT	9
565+37.63	12.85 LT	6
565+39.26	13.58 RT	7
565+40.05	21.52 RT	8
565+40.09	17.07 LT	7
565+40.09	95.25 RT	15,13
565+54.92	135.54 LT	8
565+58.86	165.16 LT	9
565+59.17	108.47 RT	12,10,8
565+65.49	90.92 LT	11
565+74.91	13.28 RT	7
565+75.32	24.23 RT	8
565+78.58	21.60 RT	14, 11
565+96.62	110.72 RT	12,10
566+01.53	187.75 LT	9
566+11.59	8.91 LT	7
566+15.38	6.83 LT	10, 7
566+27.25	77.80 LT	14,12
566+29.87	78.60 LT	14,12
566+33.09	205.12 LT	12
566+58.94	55.09 LT	10
566+67.28	51.00 LT	15,11
566+73.88	107.88 RT	10,9,9,8,7,6
566+77.59	178.15 LT	12
566+85.35	172.15 LT	8
566+85.39	30.68 LT	7
566+93.95	97.63 RT	12,11,7,6
566+98.33	16.46 LT	12, 10, 6
567+00.21	21.89 LT	13, 10
567+05.83	168.19 LT	8,8
567+06.66	82.47 LT	7
567+07.03	177.37 LT	10
567+11.43	82.28 LT	12
567+18.22	70.51 LT	10
567+20.61	60.44 LT	8
567+20.72	56.96 LT	14
567+21.65	169.38 LT	12
567+30.02	170.84 LT	7
567+30.02	170.84 LT	6,6
567+34.60	60.08 LT	9,4
567+37.44	86.43 LT	9
567+40.01	204.83 LT	9
567+41.15	23.33 RT	12, 10
567+44.05	27.52 RT	12
567+44.33	51.69 LT	10
567+52.61	82.05 LT	8
567+54.41	34.13 RT	7
567+54.68	30.98 RT	11
567+55.01	48.57 RT	8
567+57.99	31.11 LT	10
567+58.11	17.75 LT	10
567+58.38	59.83 RT	10
567+60.05	80.08 LT	8
567+62.22	73.69 RT	8
567+69.57	58.19 RT	10
567+70.50	55.54 RT	9
567+74.73	41.19 LT	9
567+74.74	18.02 LT	14
567+77.80	14.46 LT	10
567+84.91	10.83 LT	12
567+86.86	35.73 LT	11
567+88.55	76.48 RT	10
567+89.02	35.07 LT	12, 10, 6
568+03.47	76.52 RT	8
568+05.51	9.11 RT	10

STATION	OFFSET	DIAMETER
568+19.53	60.96 LT	7
568+19.55	169.76 LT	12
568+21.00	62.24 LT	11
568+22.42	22.48 RT	10
568+30.12	41.48 RT	12
568+32.40	49.85 LT	14
568+34.13	69.59 LT	8
568+36.27	170.64 LT	7
568+37.25	13.82 RT	12
568+37.70	175.69 LT	11
568+38.82	121.52 RT	12
568+41.26	80.65 LT	8
568+43.54	138.39 LT	8
568+44.50	72.60 RT	8
568+44.95	8.02 LT	12
568+50.21	57.81 RT	8
568+52.03	39.82 LT	10
568+53.98	39.74 RT	8
568+55.23	64.34 RT	10
568+56.06	148.52 LT	7
568+57.13	93.51 RT	14,12,12
568+58.16	1.57 LT	9
568+58.60	168.26 LT	14
568+60.60	95.35 RT	13
568+67.17	138.76 LT	8
568+68.84	32.64 LT	14
568+69.91	3.18 RT	15
568+71.90	40.05 LT	12
568+72.10	0.53 RT	11
568+75.34	41.21 LT	6
568+78.33	32.00 LT	8
568+80.62	18.13 LT	12
568+81.59	38.41 RT	13
568+86.22	47.06 RT	13
568+87.53	0.35 RT	10
568+90.20	80.90 RT	8
568+90.59	64.05 RT	12
568+94.66	44.72 RT	9
568+95.36	40.54 RT	7
568+97.55	150.85 RT	12
569+08.26	199.93 LT	6
569+18.58	146.26 LT	12
569+23.63	152.84 LT	9,8
569+27.71	287.38 RT	





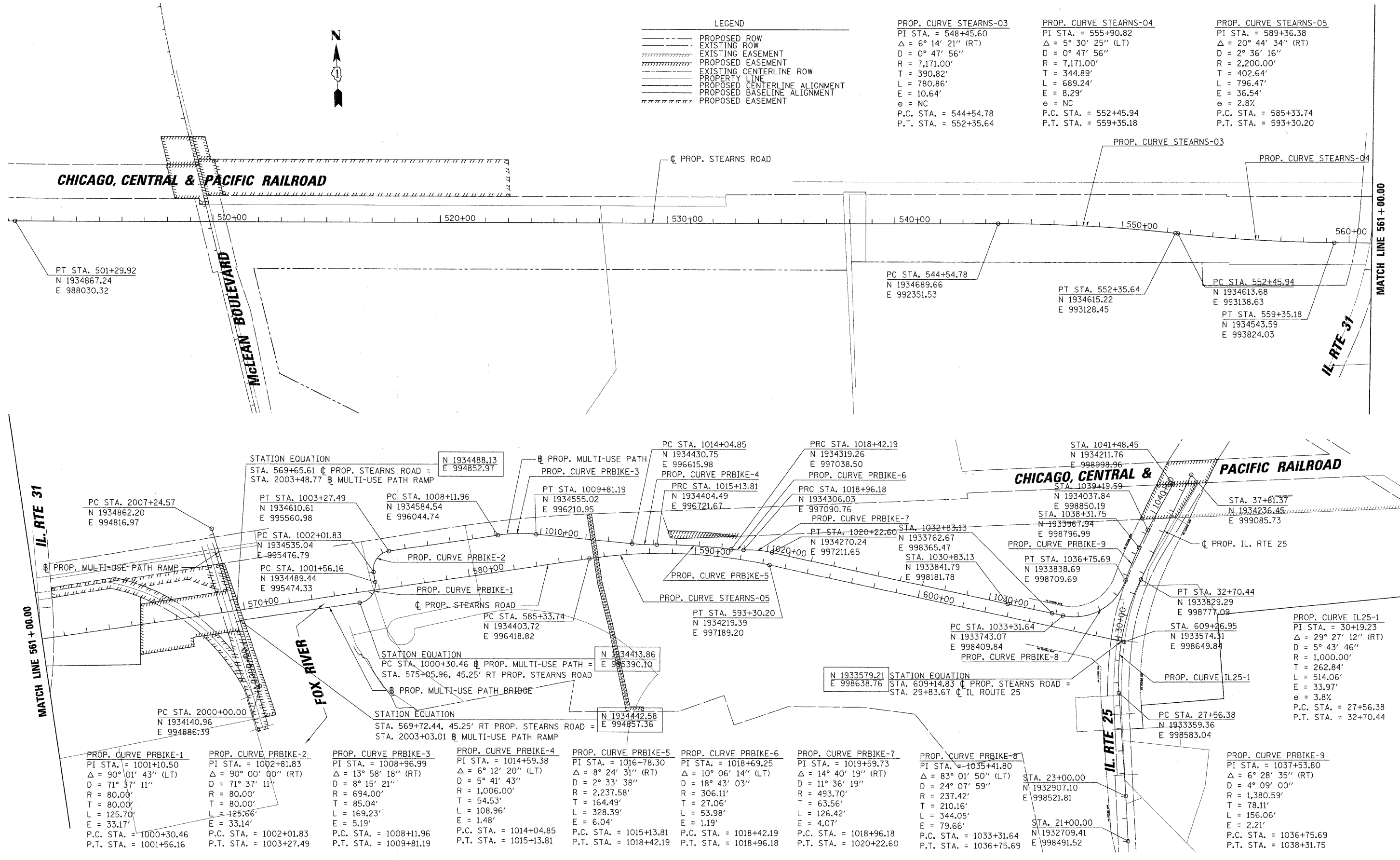


LEGEND	
	PROPOSED ROW
	EXISTING ROW
	EXISTING EASEMENT
	PROPOSED EASEMENT
	EXISTING CENTERLINE ROW
	PROPERTY LINE
	PROPOSED CENTERLINE ALIGNMENT
	PROPOSED BASELINE ALIGNMENT
	PROPOSED EASEMENT

PROP. CURVE STEARNS-03  
 PI STA. = 548+45.60  
 $\Delta = 6^\circ 14' 21''$  (RT)  
 $D = 0^\circ 47' 56''$   
 $R = 7,171.00'$   
 $T = 390.82'$   
 $L = 780.86'$   
 $E = 10.64'$   
 $e = NC$   
 P.C. STA. = 544+54.78  
 P.T. STA. = 552+35.64

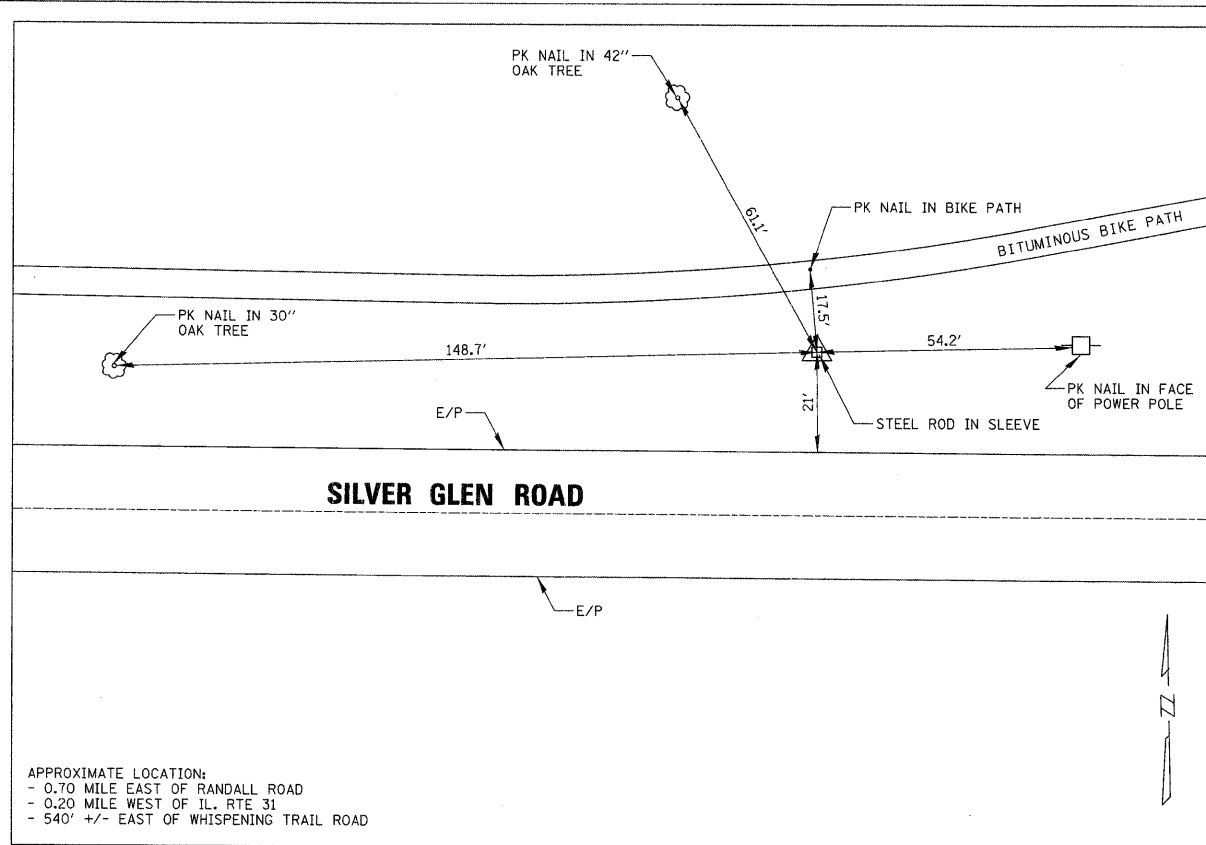
PROP. CURVE STEARNS-04  
 PI STA. = 555+90.82  
 $\Delta = 5^\circ 30' 25''$  (LT)  
 $D = 0^\circ 47' 56''$   
 $R = 7,171.00'$   
 $T = 344.89'$   
 $L = 689.24'$   
 $E = 8.29'$   
 $e = NC$   
 P.C. STA. = 552+45.94  
 P.T. STA. = 559+35.18

PROP. CURVE STEARNS-05  
 PI STA. = 589+36.38  
 $\Delta = 20^\circ 44' 34''$  (RT)  
 $D = 2^\circ 36' 16''$   
 $R = 2,200.00'$   
 $T = 402.64'$   
 $L = 796.47'$   
 $E = 36.54'$   
 $e = 2.8\%$   
 P.C. STA. = 585+33.74  
 P.T. STA. = 593+30.20

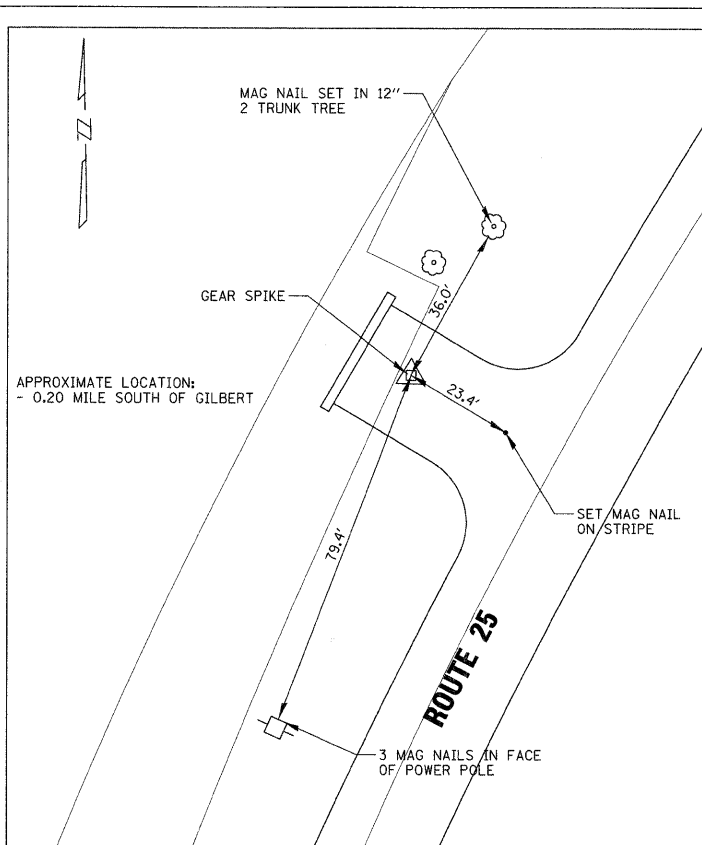


PROP. CURVE PRBIKE-1 PI STA. = 1001+10.50 $\Delta = 90^\circ 01' 43''$ (LT) $D = 71^\circ 37' 11''$ $R = 80.00'$ $T = 80.00'$ $L = 125.70'$ $E = 33.17'$ P.C. STA. = 1000+30.46 P.T. STA. = 1001+56.16	PROP. CURVE PRBIKE-2 PI STA. = 1002+81.83 $\Delta = 90^\circ 00' 00''$ (RT) $D = 71^\circ 37' 11''$ $R = 80.00'$ $T = 80.00'$ $L = 125.66'$ $E = 33.14'$ P.C. STA. = 1002+01.83 P.T. STA. = 1003+27.49	PROP. CURVE PRBIKE-3 PI STA. = 1008+96.99 $\Delta = 13^\circ 58' 18''$ (RT) $D = 8^\circ 15' 21''$ $R = 694.00'$ $T = 85.04'$ $L = 169.23'$ $E = 5.19'$ P.C. STA. = 1008+11.96 P.T. STA. = 1009+81.19	PROP. CURVE PRBIKE-4 PI STA. = 1014+59.38 $\Delta = 6^\circ 12' 20''$ (LT) $D = 5^\circ 41' 43''$ $R = 1,006.00'$ $T = 164.49'$ $L = 108.96'$ $E = 1.48'$ P.C. STA. = 1014+04.85 P.T. STA. = 1015+13.81	PROP. CURVE PRBIKE-5 PI STA. = 1016+78.30 $\Delta = 8^\circ 24' 31''$ (RT) $D = 2^\circ 33' 38''$ $R = 2,237.58'$ $T = 164.49'$ $L = 328.39'$ $E = 6.04'$ P.C. STA. = 1015+13.81 P.T. STA. = 1018+42.19	PROP. CURVE PRBIKE-6 PI STA. = 1018+69.25 $\Delta = 10^\circ 06' 14''$ (LT) $D = 18^\circ 43' 03''$ $R = 306.11'$ $T = 27.06'$ $L = 53.98'$ $E = 1.19'$ P.C. STA. = 1018+42.19 P.T. STA. = 1018+96.18	PROP. CURVE PRBIKE-7 PI STA. = 1019+59.73 $\Delta = 14^\circ 40' 19''$ (RT) $D = 11^\circ 36' 19''$ $R = 493.70'$ $T = 63.56'$ $L = 126.42'$ $E = 4.07'$ P.C. STA. = 1018+96.18 P.T. STA. = 1020+22.60	PROP. CURVE PRBIKE-8 PI STA. = 1035+41.80 $\Delta = 83^\circ 01' 50''$ (LT) $D = 24^\circ 07' 59''$ $R = 237.42'$ $T = 210.16'$ $L = 344.05'$ $E = 79.66'$ P.C. STA. = 1033+31.64 P.T. STA. = 1036+75.69	PROP. CURVE PRBIKE-9 PI STA. = 1037+53.80 $\Delta = 6^\circ 28' 35''$ (RT) $D = 4^\circ 09' 00''$ $R = 1,380.59'$ $T = 78.11'$ $L = 156.06'$ $E = 2.21'$ P.C. STA. = 1036+75.69 P.T. STA. = 1038+31.75
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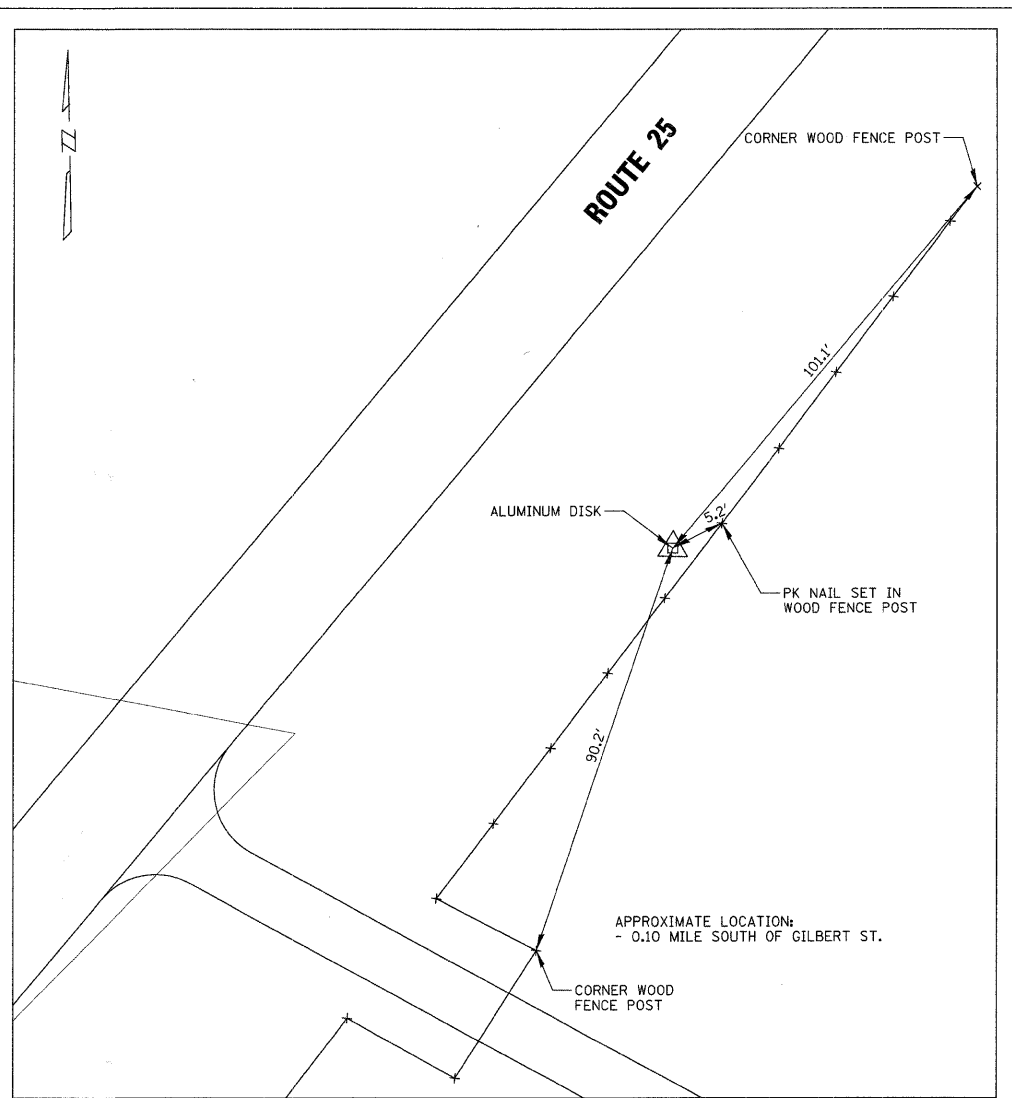
FILE NAME = BNH_07093_01.SHT	USER NAME = GTIME	DESIGNED <i>BDG</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT, TIES &amp; BENCHMARKS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 200'	CHECKED <i>BDG</i>	REVISED -	SCALE: 1"=200'		SHEET NO. 1	OF 2	SHEETS	STA. 501+29.92	TO STA. 609+26.95	KANE	320	26
PLOT DATE = 2/10/2009	DATE <i>01/16/09</i>	REVISED -							CONTRACT NO. 63075			
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



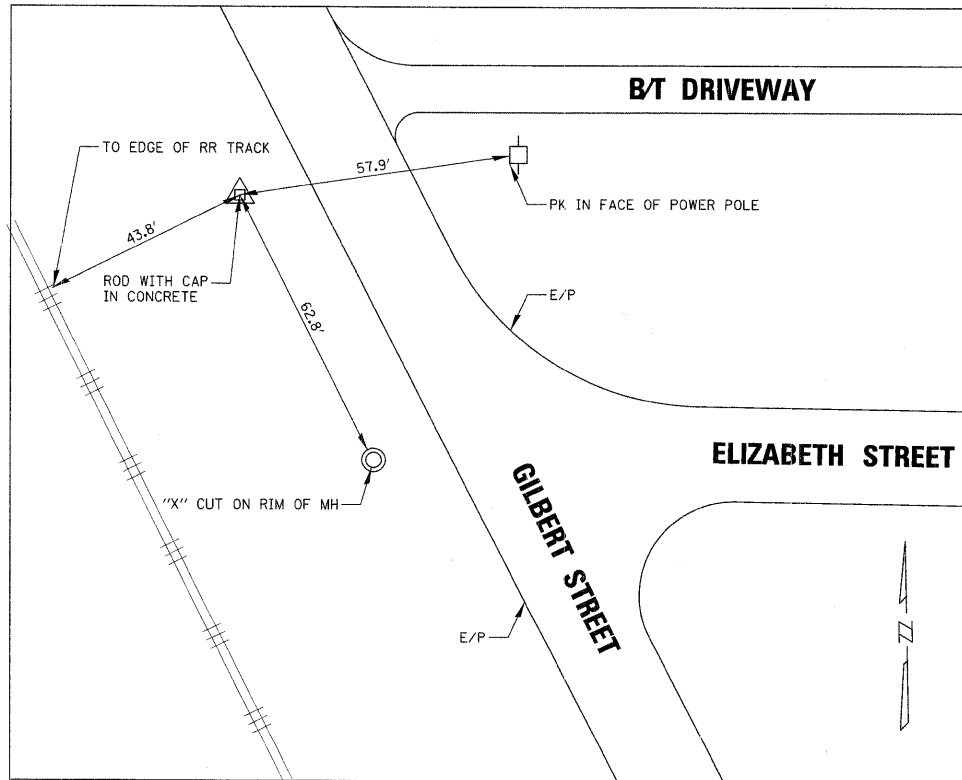
**PRIMARY CONTROL POINT 2**  
 1" = 20'



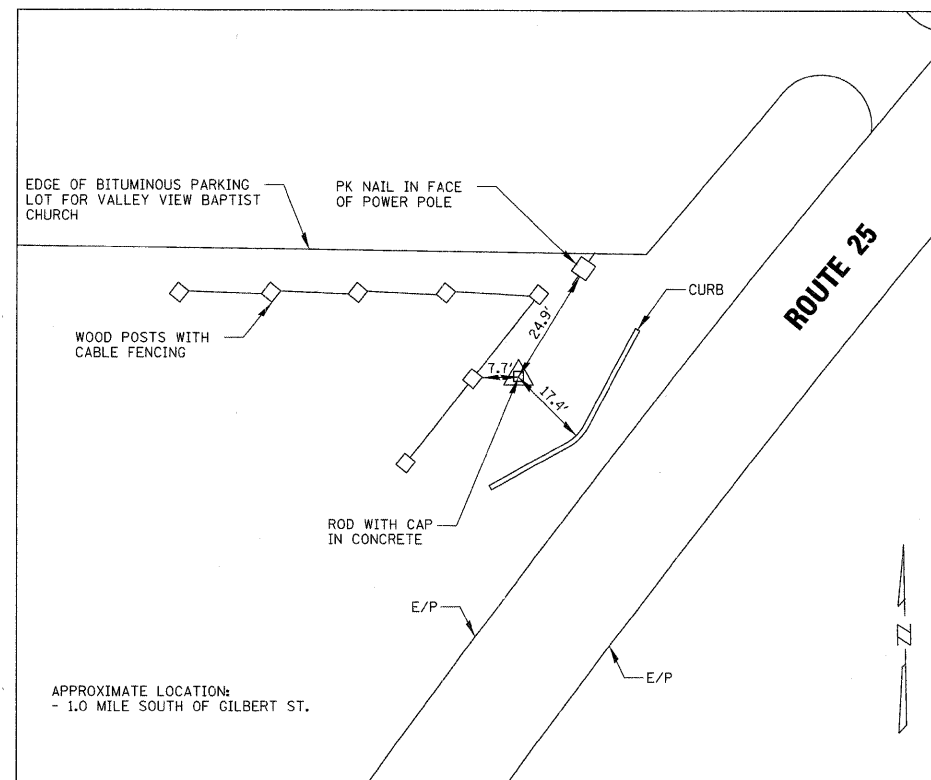
**SECONDARY CONTROL POINT 49000**  
 1" = 20'  
 ON SITE



**SECONDARY CONTROL POINT 19**  
 1" = 20'  
 ON SITE



**PRIMARY CONTROL POINT 9**  
 1" = 20'



**PRIMARY CONTROL POINT 8**  
 1" = 20'

ELEVATION BENCHMARKS DATUM: NGVD OF 1929 (FEMA)		
NO.	DESCRIPTION	ELEV.
BM 19	"ALUMINUM DISK" SET IN CONCRETE, 0.10± MILE SOUTH OF GILBERT STREET ON EAST SIDE OF ROUTE 25 4' ± FROM SPLIT RAIL FENCE.	724.23
BM 22	"CHISELED BOX CUT" SET AT THE TOP OF CONCRETE BRIDGE HEADWALL, AT THE NORTHEAST CORNER OF BRIDGE AT THE SOUTHEAST CORNER OF STEARNS ROAD AND DUNHAM ROAD.	767.36
OSBM 1	SQUARE CUT ON NORTHWEST CORNER OF SOUTHERLY ABUTMENT OF ILLINOIS PRAIRIE PATH BRIDGE OVER CHICAGO, CENTRAL & PACIFIC RAIL LINES	763.43
OSBM 133	MINI RAILROAD SPIKE, WEST FACE OF POWER POLE WITH LIGHT AT WESTERLY SIDE OF INTERSECTION OF ROUTE 25 & GILBERT	732.77
OSBM 134	FOUND ALUMINUM DISK IN CONCRETE 40' ± NORTHEASTERLY OF EDGE OF PAVEMENT OF GILBERT ROAD, 200' ± NORTHERLY OF 3RD BIT ENTRANCE NORTHERLY OF ROUTE 25	739.08
OSBM 135	MINI RAILROAD SPIKE IN POLE ON EAST SIDE OF DUNHAM ROAD IN 2ND POLE SOUTH OF 6N879	756.18
RM12	A STANDARD U.S. GEOLOGICAL SURVEY DISK SET IN THE SOUTH CONCRETE HEADWALL OF A BRIDGE LOCATED ON STATE ROUTE 31, ABOUT 130 FEET WEST OF MCLEAN BOULEVARD	710.37

HORIZONTAL CONTROL			
NO.	NORTHING	EASTING	DESCRIPTION
CP-2	1931338.8282	985992.2552	STEEL ROD IN SLEEVE
CP-8	1930214.7179	996827.3209	ROD WITH C.B.B. CAP IN CONCRETE
CP-9	1938609.0557	996621.7024	ROD WITH C.B.B. CAP IN CONCRETE
CP-19	1934105.243	999061.444	ALUMINUM DISK
CP-49000	1933736.567	998681.869	GEAR SPIKE

NAD '83 - (GRID COORDINATES) AVG. COMBINED SCALE FACTOR = 0.99994303889

FILE NAME = BNH-070793_02.SHT	USER NAME = MWORMAN	DESIGNED <i>BDG</i>	REVISED -
		DRAWN <i>MCW</i>	REVISED -
		CHECKED <i>BDG</i>	REVISED -
		DATE <i>01/16/09</i>	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

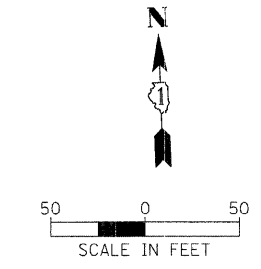
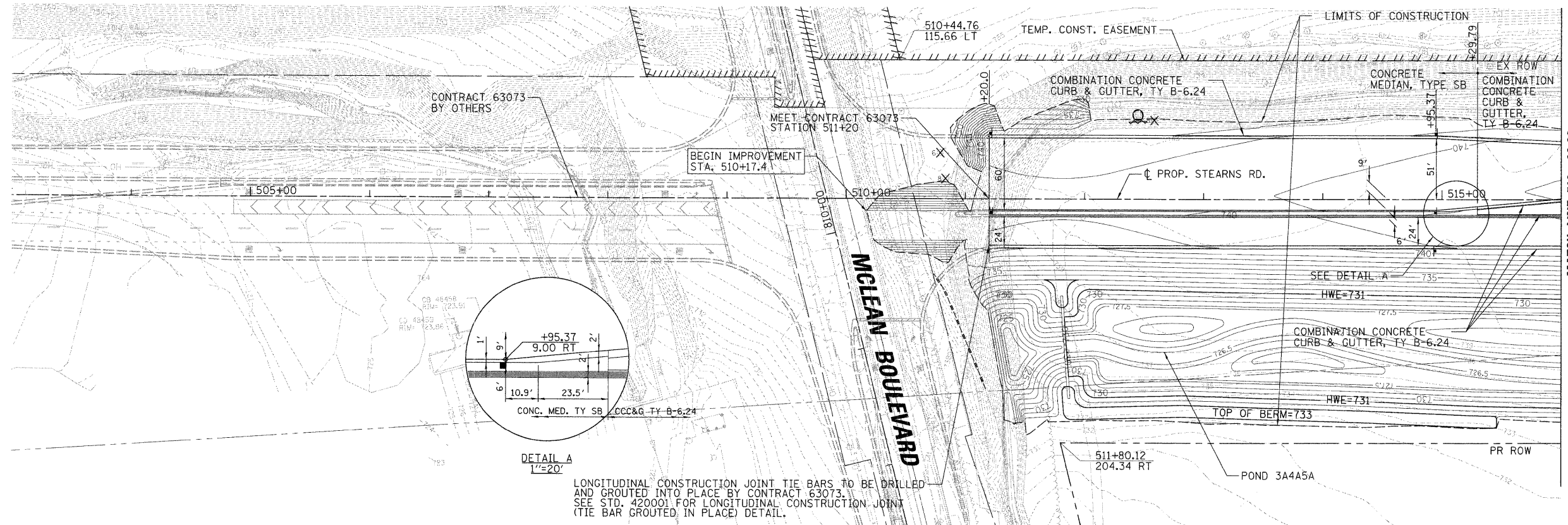
ALIGNMENT, TIES & BENCHMARKS

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	27
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63075	

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

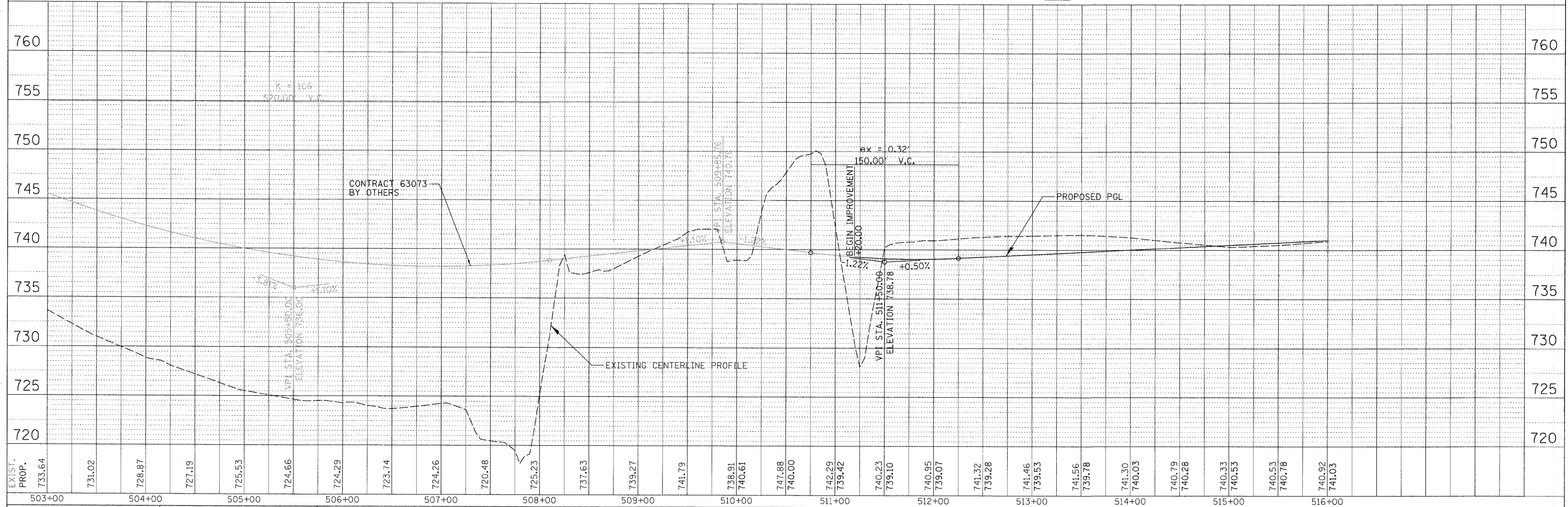
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



LEGEND

- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
- X<sub>8</sub> TREE REMOVAL, SIZE SHOWN
- ⊙ TREE TRUNK PROTECTION
- ~~~~~ TREE ROOT PRUNING
- - - - - TEMPORARY FENCE

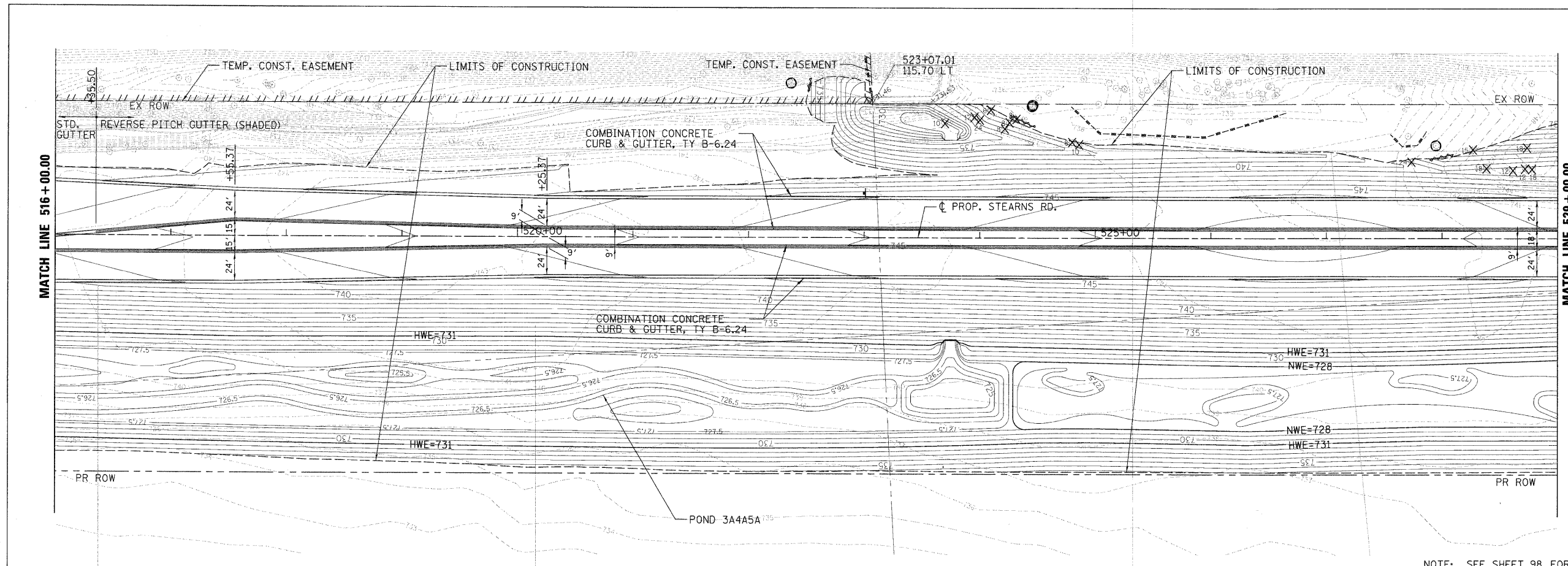
NOTE: SEE SHEET 98 FOR JOINTING DETAILS AT TURN LANE TAPERS.



FILE NAME = RPP_070793_STEARNS_01.SHT	USER NAME = MWORMAN	DESIGNED MCW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - STEARNS ROAD</b>	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 28		
	VERT. SCALE = 1" = 5'	DRAWN PWN	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 503+00.00	TO STA. 516+00.00	CONTRACT NO. 63075		
	PLOT SCALE = 50'	CHECKED MCW	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/16/2009	DATE = 01/16/09	REVISED -									

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

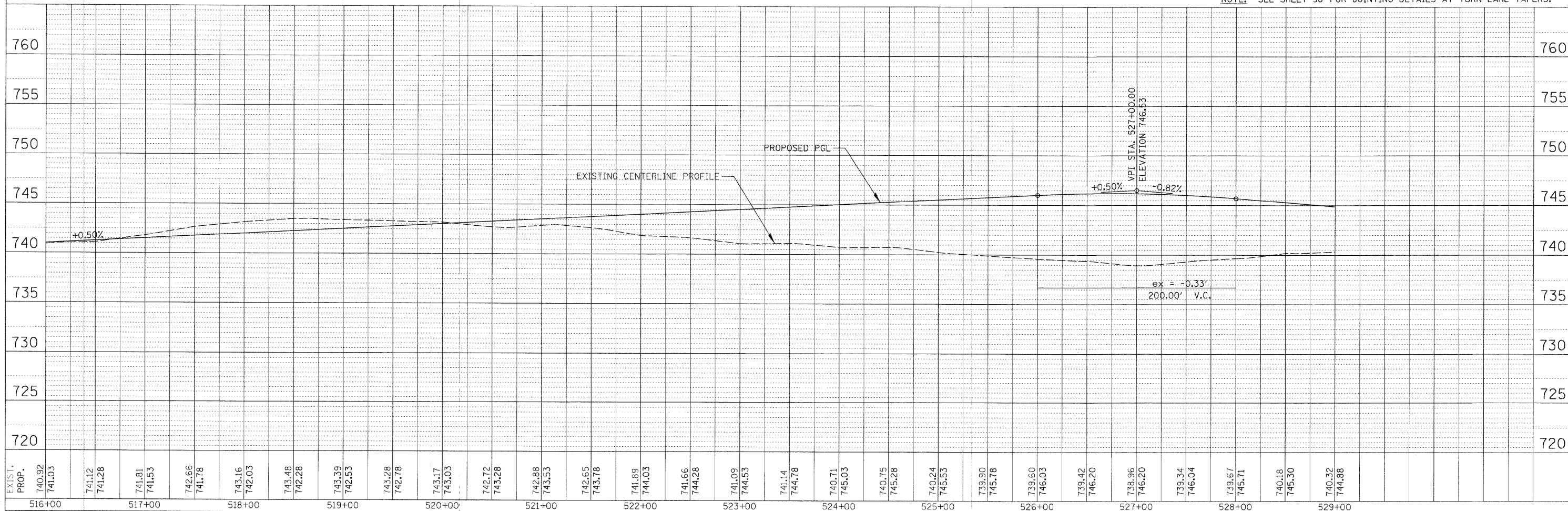
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
NO.	CHECKED		
	REVISIONS		
	BY		
	DATE		



**LEGEND**

- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
- TREE REMOVAL, SIZE SHOWN
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING
- TEMPORARY FENCE

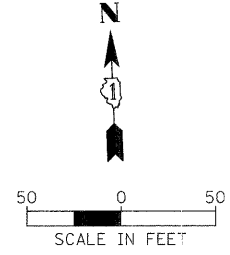
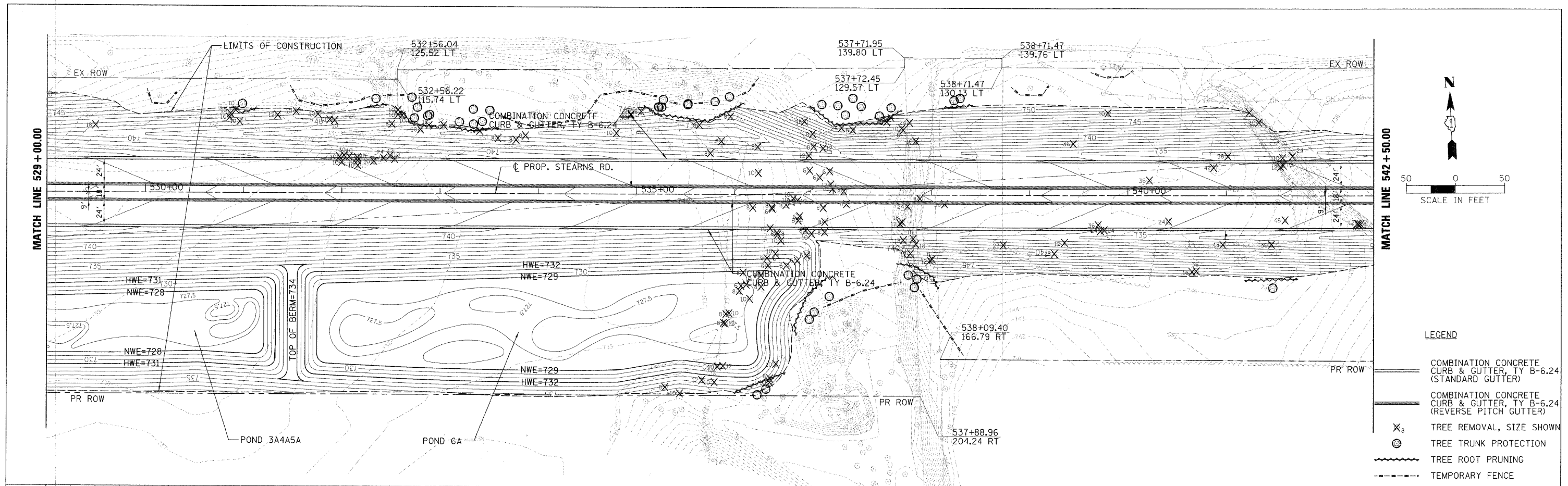
NOTE: SEE SHEET 98 FOR JOINTING DETAILS AT TURN LANE TAPERS.



FILE NAME = RPP_070793_STEARNS_02.SHT	USER NAME = MWORMAN	DESIGNED MCW	REVISIONS -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p>SCALE: 1" = 50'</p>	ROADWAY PLAN AND PROFILE - STEARNS ROAD			F.A.P. RITE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 29
VERT. SCALE = 1" = 5'	DRAWN PWN	REVISIONS -	STA. 516+00.00 TO STA. 529+00.00			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT						
PLOT SCALE = 50'	CHECKED MCW	REVISIONS -				CONTRACT NO. 63075						
PLOT DATE = 1/16/2009	DATE 01/16/09	REVISIONS -										

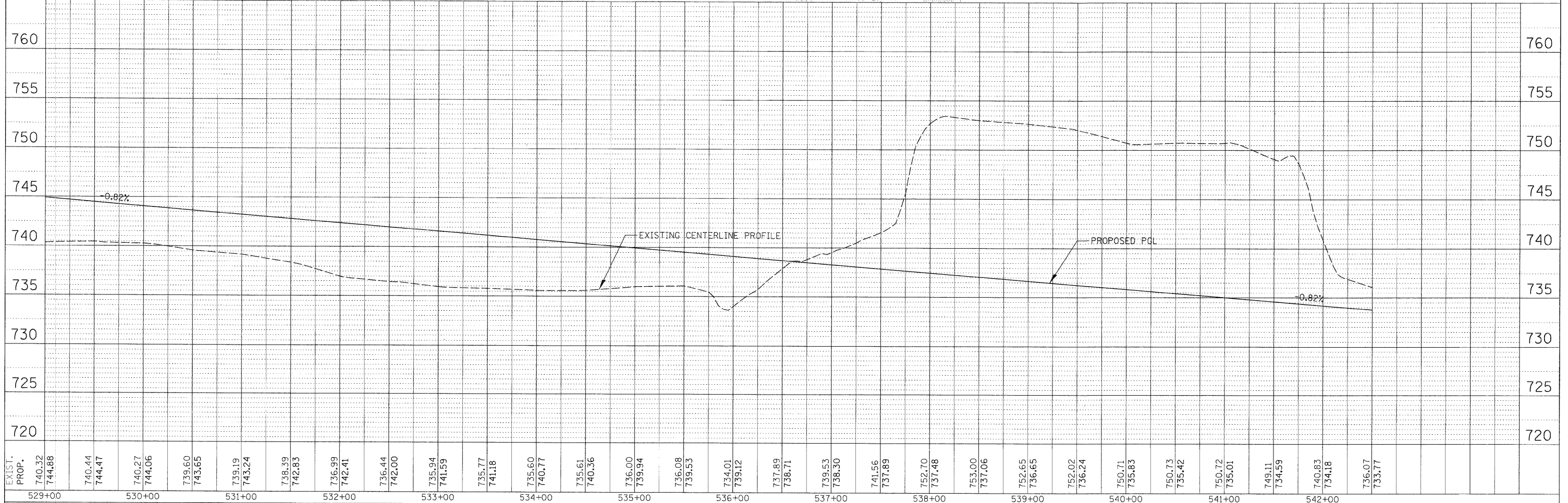
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OR HWY. CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OR HWY. CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		



**LEGEND**

- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
- ⊗ TREE REMOVAL, SIZE SHOWN
- ⊙ TREE TRUNK PROTECTION
- TREE ROOT PRUNING
- - - TEMPORARY FENCE



EXIST. PROF.	740.32	740.44	740.27	739.60	739.19	738.39	736.99	736.44	735.94	735.77	735.60	735.61	736.00	736.08	734.01	737.89	737.48	753.00	752.65	752.02	750.71	750.73	750.72	749.11	740.83	736.07	760	
	744.88	744.47	744.06	743.65	743.24	742.83	742.41	742.00	741.59	741.18	740.77	740.36	739.94	739.53	739.12	738.71	737.48	737.06	736.65	736.24	735.83	735.42	735.01	734.59	734.18	733.77	755	
																											750	
																												745
																												740
																												735
																												730
																												725
																												720
529+00	530+00	531+00	532+00	533+00	534+00	535+00	536+00	537+00	538+00	539+00	540+00	541+00	542+00															

FILE NAME = RPP\_070793\_STEARNS\_03.SHT

USER NAME = MWORMAN  
 DESIGNED MCW  
 DRAWN PWN  
 CHECKED MCW  
 DATE = 01/16/09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

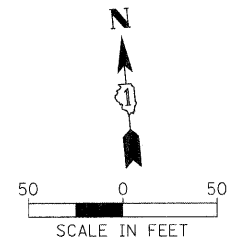
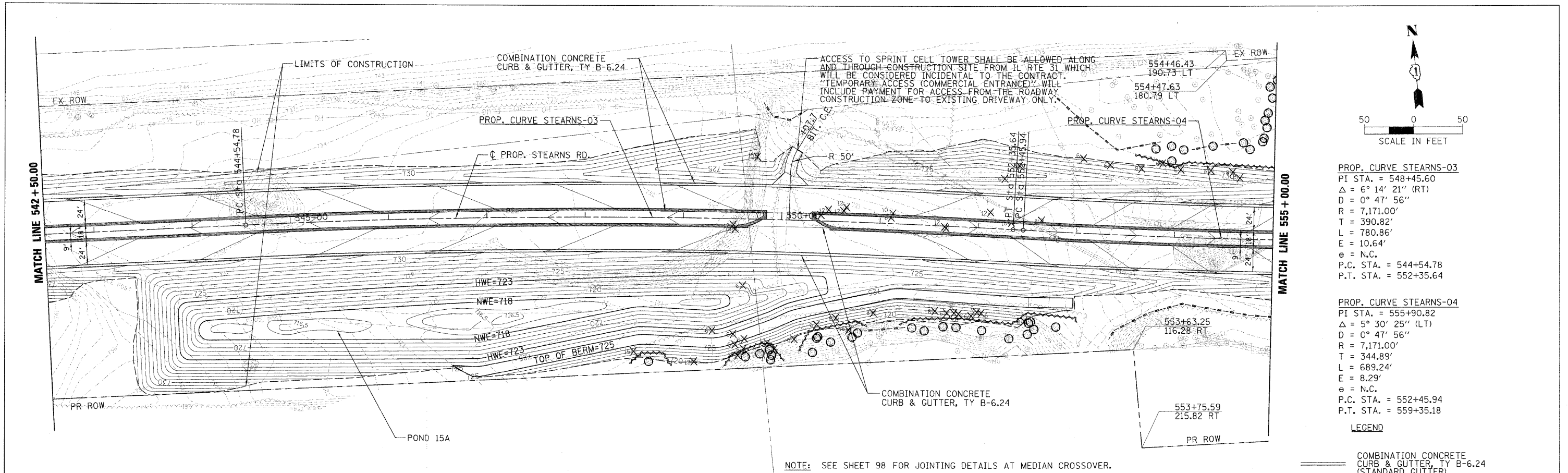
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE - STEARNS ROAD**  
 SCALE: 1"= 50' SHEET NO. OF SHEETS STA. 529+00.00 TO STA. 542+50.00

F.A.P. R.T.E. 361 SECTION 06-00214-20-BR COUNTY KANE TOTAL SHEETS 320 SHEET NO. 30 CONTRACT NO. 63075  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	REVISION		
	B.M. NOTED		
	SURFACE NOTATIONS CTRD		
	NO.		



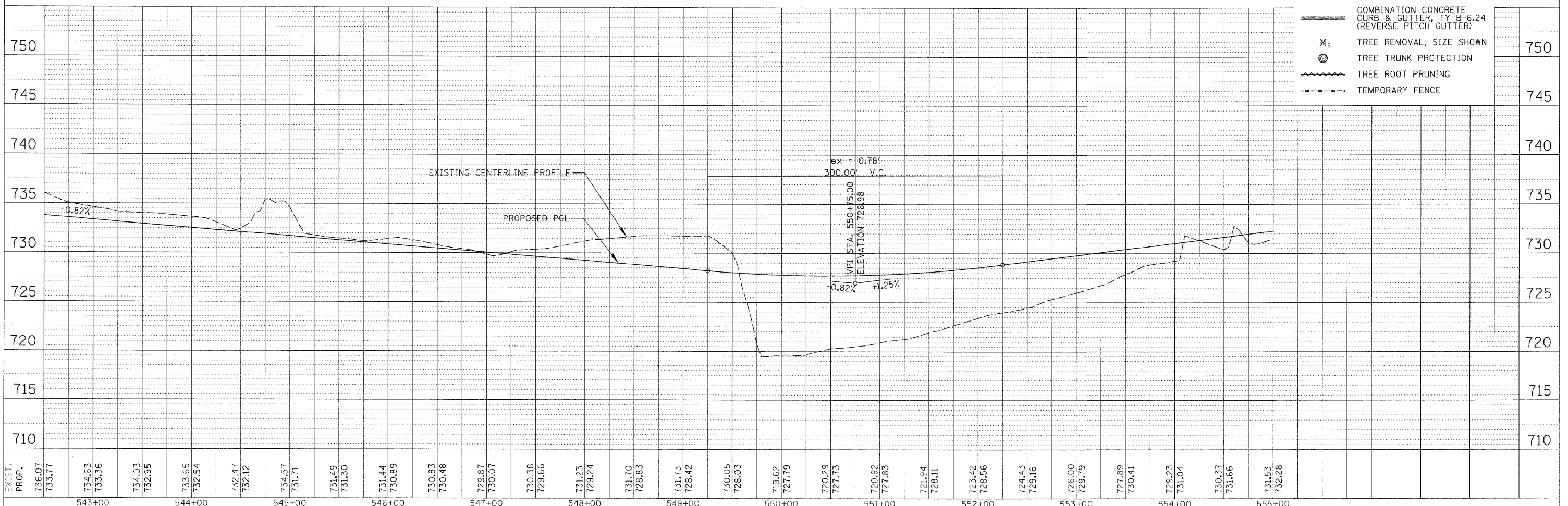
**PROP. CURVE STEARNS-03**  
 PI STA. = 548+45.60  
 $\Delta = 6^\circ 14' 21''$  (RT)  
 $D = 0^\circ 47' 56''$   
 $R = 7,171.00'$   
 $T = 390.82'$   
 $L = 780.86'$   
 $E = 10.64'$   
 $e = N.C.$   
 P.C. STA. = 544+54.78  
 P.T. STA. = 552+35.64

**PROP. CURVE STEARNS-04**  
 PI STA. = 555+90.82  
 $\Delta = 5^\circ 30' 25''$  (LT)  
 $D = 0^\circ 47' 56''$   
 $R = 7,171.00'$   
 $T = 344.89'$   
 $L = 689.24'$   
 $E = 8.29'$   
 $e = N.C.$   
 P.C. STA. = 552+45.94  
 P.T. STA. = 559+35.18

**LEGEND**

NOTE: SEE SHEET 98 FOR JOINTING DETAILS AT MEDIAN CROSSOVER.

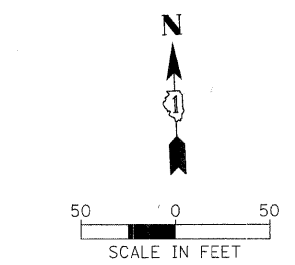
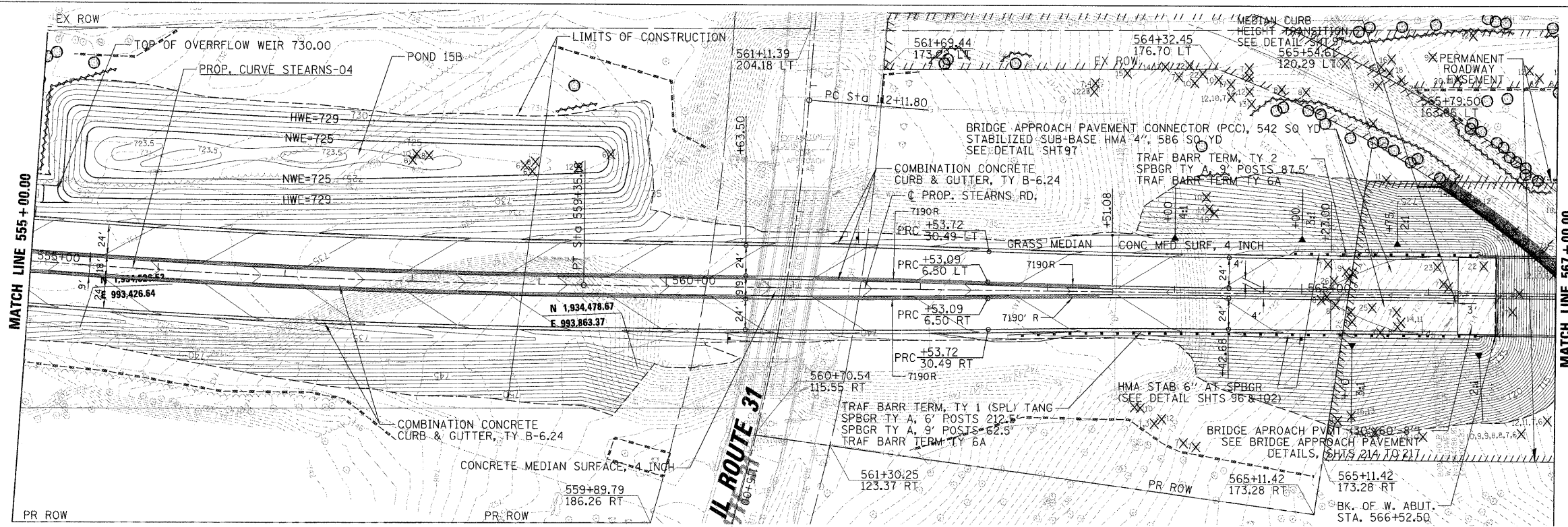
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
- TREE REMOVAL, SIZE SHOWN
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING
- TEMPORARY FENCE



FILE NAME =	USER NAME = MWOHRMAN	DESIGNED MCW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - STEARNS ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
RPP_077793_STEARNS_04.SHT	VERT. SCALE = 1" = 5'	DRAWN PWN	REVISED -			361	06-00214-20-BR	KANE	320	31	
	PLOT SCALE = 50'	CHECKED MCW	REVISED -			CONTRACT NO. 63075					
	PLOT DATE = 1/16/2009	DATE 01/16/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
SCALE: 1" = 50'						SHEET NO. OF SHEETS		STA. 542+50.00 TO STA. 555+00.00			

DATE	BY
DATE	BY
DATE	BY
DATE	BY

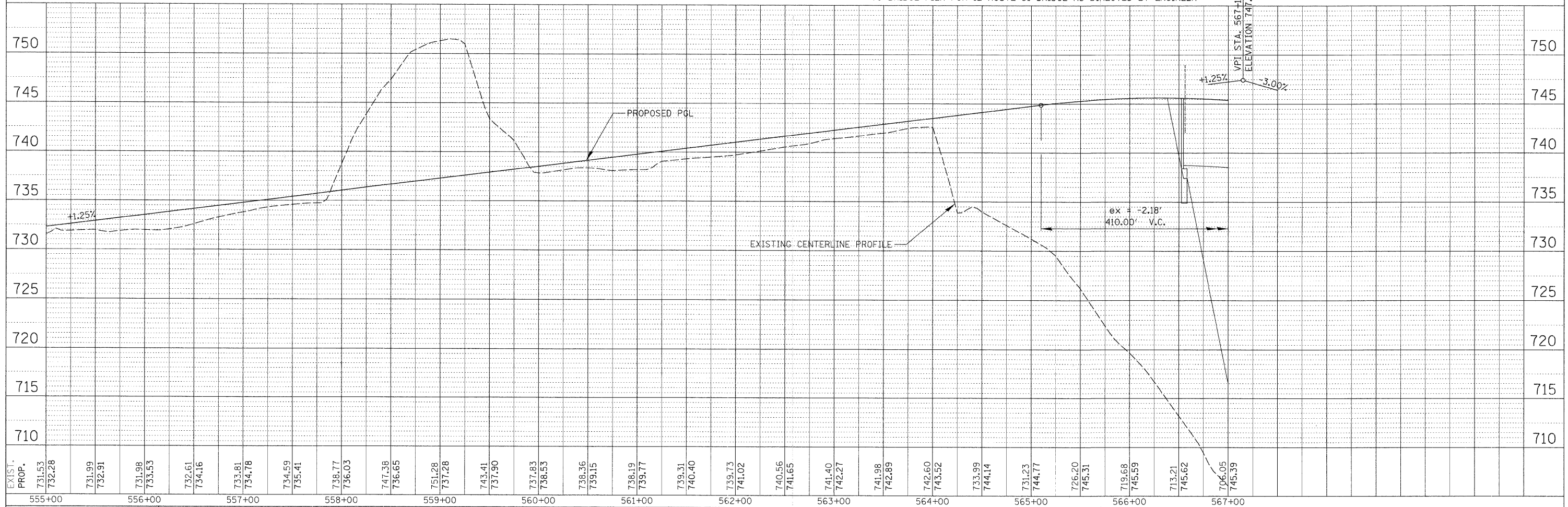
DATE	BY
DATE	BY
DATE	BY
DATE	BY



- LEGEND**
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
  - COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
  - TREE REMOVAL, SIZE SHOWN
  - TREE TRUNK PROTECTION
  - TREE ROOT PRUNING
  - TEMPORARY FENCE

**PROP. CURVE STEARNS-04**  
 PI STA. = 555+90.82  
 Δ = 5° 30' 25" (LT)  
 D = 0° 47' 56"  
 R = 7,171.00'  
 T = 344.89'  
 L = 689.24'  
 E = 8.29'  
 e = N.C.  
 P.C. STA. = 552+45.94  
 P.T. STA. = 559+35.18

**NOTE:** REMOVE GRAFFITI, RESTAIN AND APPLY ANTI-GRAFFITI COATING TO BRIDGE PIER FOR IL ROUTE 31 BRIDGE AS DIRECTED BY ENGINEER



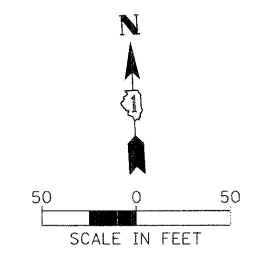
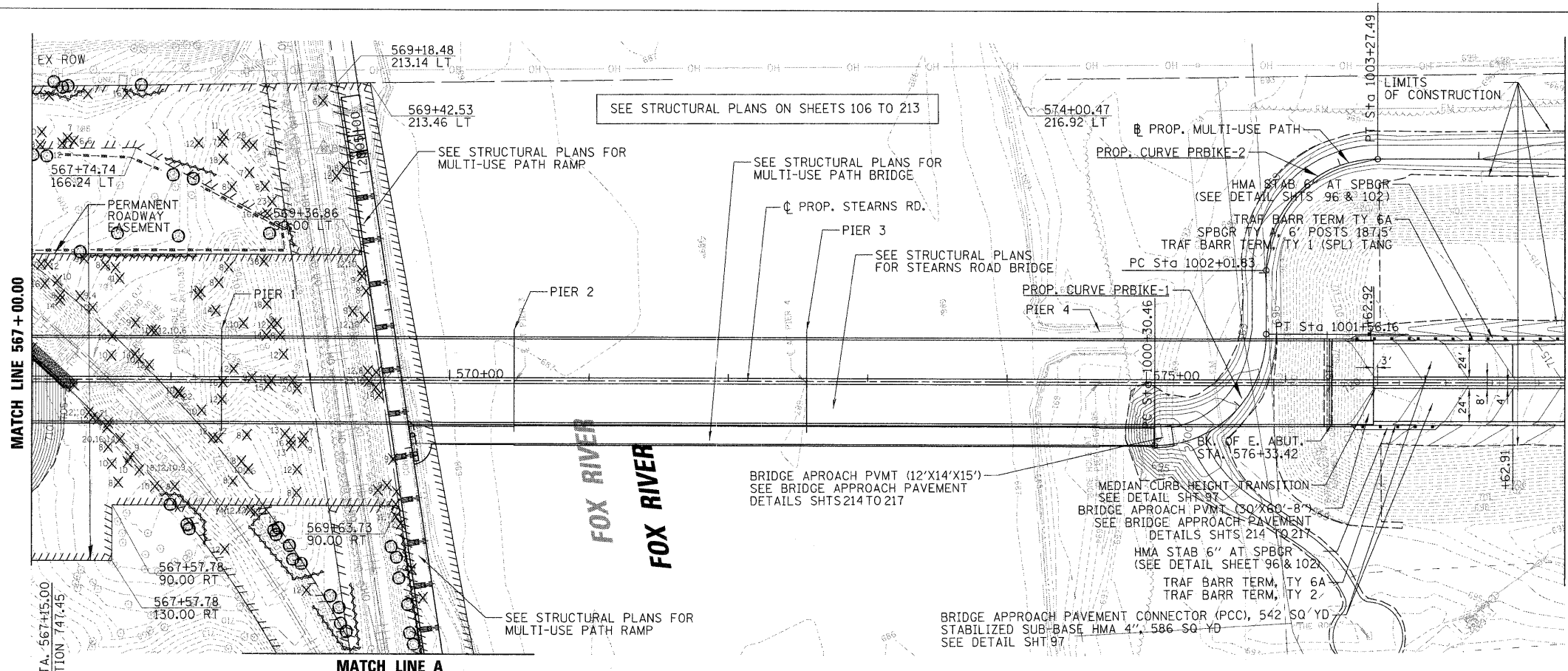
EXIST. PROP.	731.53 732.28	731.99 732.91	733.53 733.53	732.61 734.16	733.81 734.78	734.59 735.41	738.77 736.03	747.38 736.65	751.28 737.28	743.41 737.90	737.83 738.53	738.36 739.15	738.19 739.77	739.31 740.40	739.73 741.02	740.56 741.65	741.40 742.27	741.98 742.89	742.60 743.52	733.99 744.14	731.23 744.77	726.20 745.31	719.68 745.59	713.21 745.62	706.05 745.39	750	745	740	735	730	725	720	715	710		
FILE NAME =	USER NAME = MWORMAN		DESIGNED MCW	REVISED -	DRAWN PWN		REVISED -	CHECKED MCW		REVISED -	DATE - 01/16/09		REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION														ROADWAY PLAN AND PROFILE - STEARNS ROAD				F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RPP_070793_STEARNS_05.SHT	VERT. SCALE = 1" = 5'		PLT SCALE = 5/8"	PLT DATE = 2/27/2009	SCALE: 1" = 50'														SHEET NO. OF SHEETS STA. 555+00.00 TO STA. 567+00.00				361	06-00214-20-BR	KANE	320	32	CONTRACT NO. 63075		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



PLAN	SURVEYED	BY	DATE
	FILED		
	NOTED		
	BY		
	NO.		

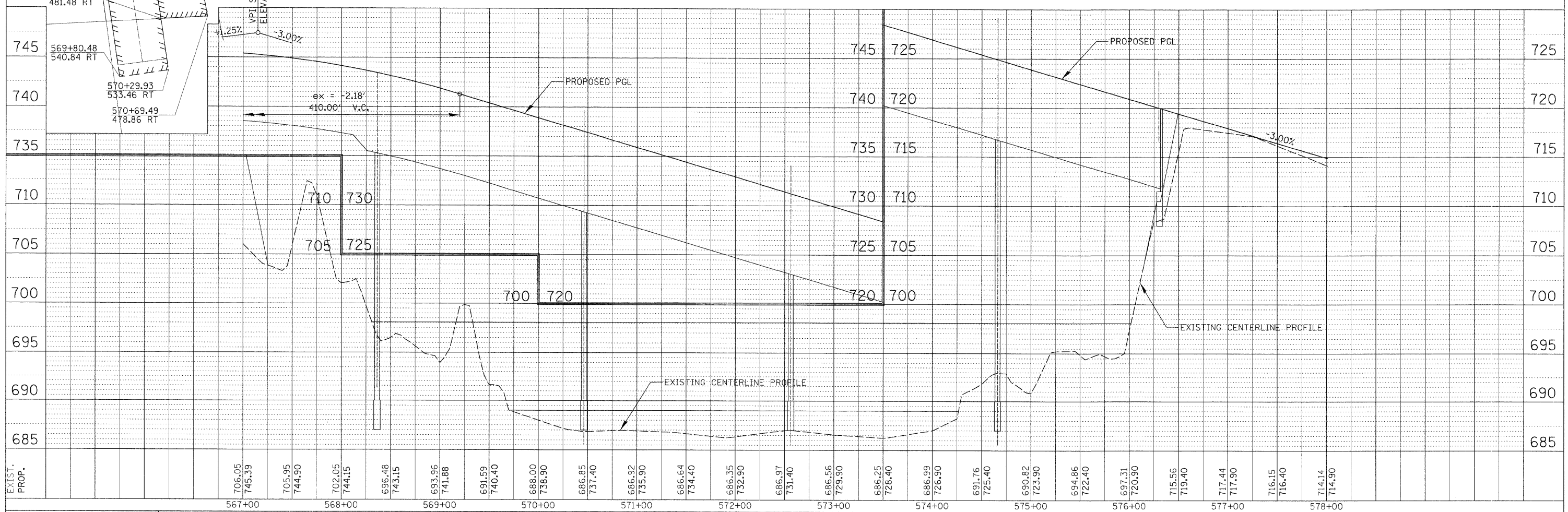
PROFILE	SURVEYED	BY	DATE
	FILED		
	NOTED		
	BY		
	NO.		

- LEGEND**
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
  - COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
  - TREE REMOVAL, SIZE SHOWN
  - TREE TRUNK PROTECTION
  - TREE ROOT PRUNING
  - TEMPORARY FENCE



**PROP. CURVE PRBIKE-1**  
 PI STA. = 1001+14.50  
 $\Delta = 90^\circ 00' 00''$  (LT)  
 $D = 71^\circ 37' 11''$   
 $R = 80.00'$   
 $T = 80.00'$   
 $L = 125.66'$   
 $E = 33.14'$   
 $e = 2\%$   
 P.C. STA. = 1000+34.50  
 P.T. STA. = 1001+60.16

**PROP. CURVE PRBIKE-2**  
 PI STA. = 1002+81.83  
 $\Delta = 90^\circ 00' 00''$  (RT)  
 $D = 71^\circ 37' 11''$   
 $R = 80.00'$   
 $T = 80.00'$   
 $L = 125.66'$   
 $E = 33.14'$   
 $e = 2\%$   
 P.C. STA. = 1002+01.83  
 P.T. STA. = 1003+27.49



FILE NAME =	USER NAME = MWORMAN	DESIGNED MCW	REVISED -
RPP_070793_STEARNS_06.SHT	VERT. SCALE = 1" = 5'	DRAWN PWN	REVISED -
	PLLOT SCALE = 50'	CHECKED MCW	REVISED -
	PLLOT DATE = 2/27/2009	DATE = 01/16/09	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

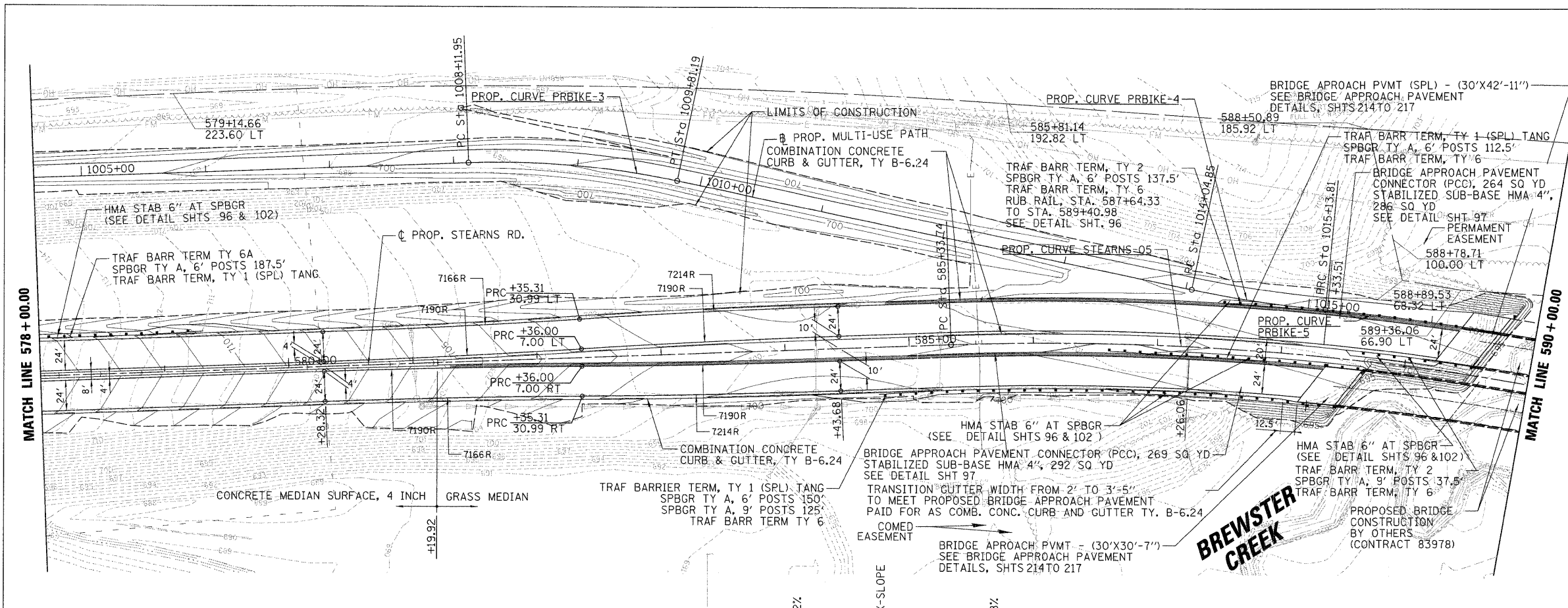
**ROADWAY PLAN AND PROFILE - STEARNS ROAD**

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	33
CONTRACT NO. 63075				

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 567+00.00 TO STA. 578+00.00

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

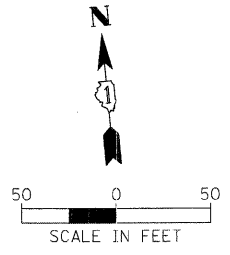
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	



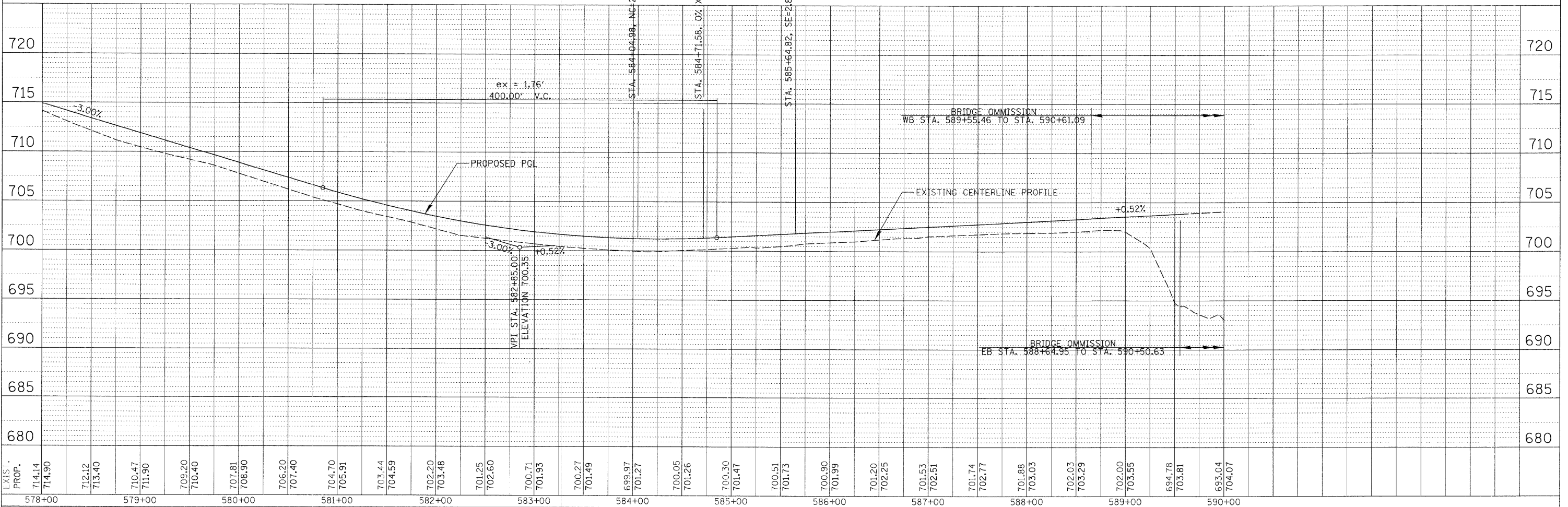
**PROP. CURVE STEARNS-05**  
 PI STA. = 589+36.38  
 Δ = 20° 44' 34" (RT)  
 D = 2° 36' 16"  
 R = 2,200.00'  
 T = 402.64'  
 L = 796.47'  
 E = 36.54'  
 e = 2.8%  
 T.R. = 66.60'  
 S.E. RUN = 93.24'  
 P.C. STA. = 585+33.74  
 P.T. STA. = 593+30.20

**PROP. CURVE PRBIKE-3**  
 PI STA. = 1008+96.99  
 Δ = 13° 58' 18" (RT)  
 D = 8° 15' 21"  
 R = 694.00'  
 L = 85.04'  
 T = 169.23'  
 E = 5.19'  
 P.C. STA. = 1008+11.96  
 P.T. STA. = 1009+81.19

**PROP. CURVE PRBIKE-4**  
 PI STA. = 1014+59.38  
 Δ = 6° 12' 20" (LT)  
 D = 5° 41' 43"  
 R = 1,006.00'  
 L = 54.53'  
 T = 108.96'  
 E = 1.48'  
 P.C. STA. = 1014+04.85  
 P.T. STA. = 1015+13.81



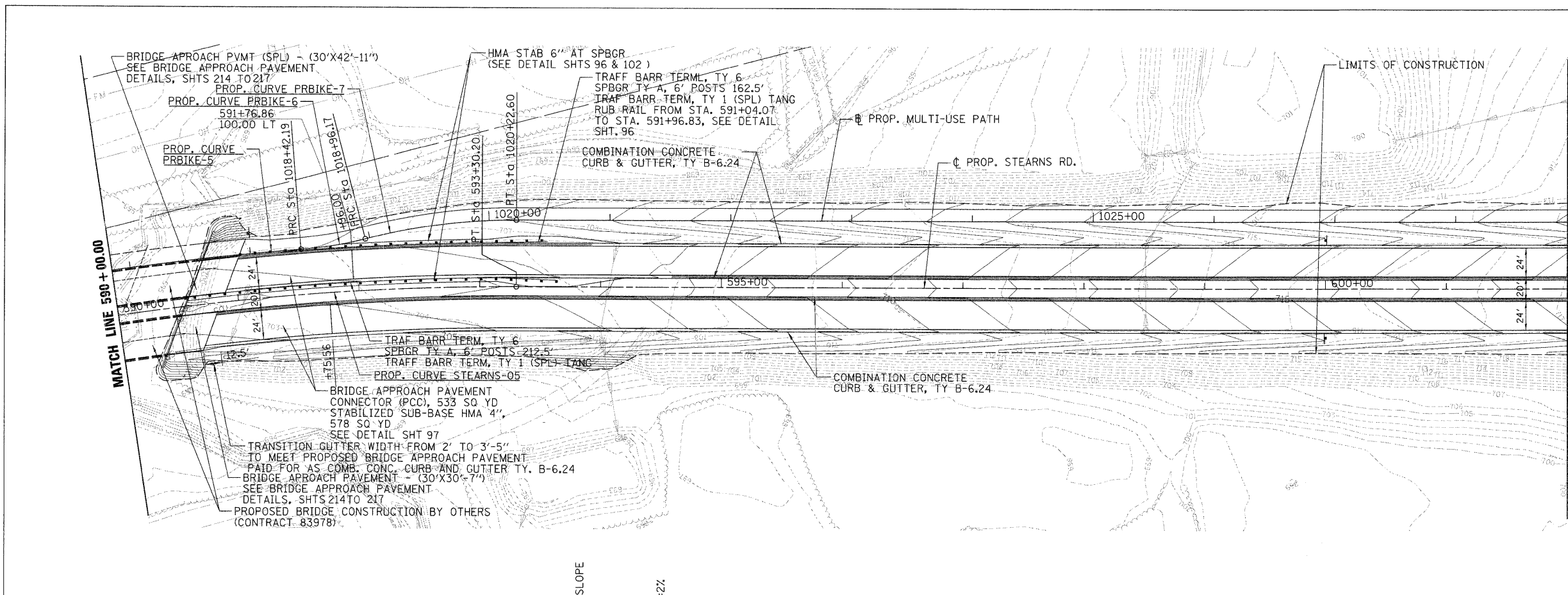
- LEGEND**
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
  - COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
  - ⊗ TREE REMOVAL, SIZE SHOWN
  - ⊙ TREE TRUNK PROTECTION
  - ~ TREE ROOT PRUNING
  - - - - TEMPORARY FENCE



FILE NAME = RPP_070793_STEARNS_07.SHI	USER NAME = MWRDMAN	DESIGNED MCW	REVISOR -	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 34
	VERT. SCALE = 1" = 5'	DRAWN PWN	REVISOR -	ROADWAY PLAN AND PROFILE - STEARNS ROAD				
	PLOT SCALE = 50'	CHECKED MCW	REVISOR -	SCALE: 1" = 50'				
	PLOT DATE = 2/26/2009	DATE = 01/16/09	REVISOR -	SHEET NO. OF SHEETS STA. 578+00.00 TO STA. 590+00.00				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION							CONTRACT NO. 63075	

PLAN	DATE
BY	
DATE	
NO.	
NO.	
NO.	
NO.	

PROFILE	DATE
BY	
DATE	
NO.	
NO.	
NO.	
NO.	



PROP. CURVE STEARNS-05  
 PI STA. = 589+36.38  
 $\Delta = 20^\circ 44' 34''$  (RT)  
 $D = 2^\circ 36' 16''$   
 $R = 2,200.00'$   
 $T = 402.64'$   
 $L = 796.47'$   
 $E = 36.54'$   
 $e = 2.8\%$   
 $T.R. = 66.60'$   
 $S.E. RUN = 93.24'$   
 $P.C. STA. = 585+33.74$   
 $P.T. STA. = 593+30.20$

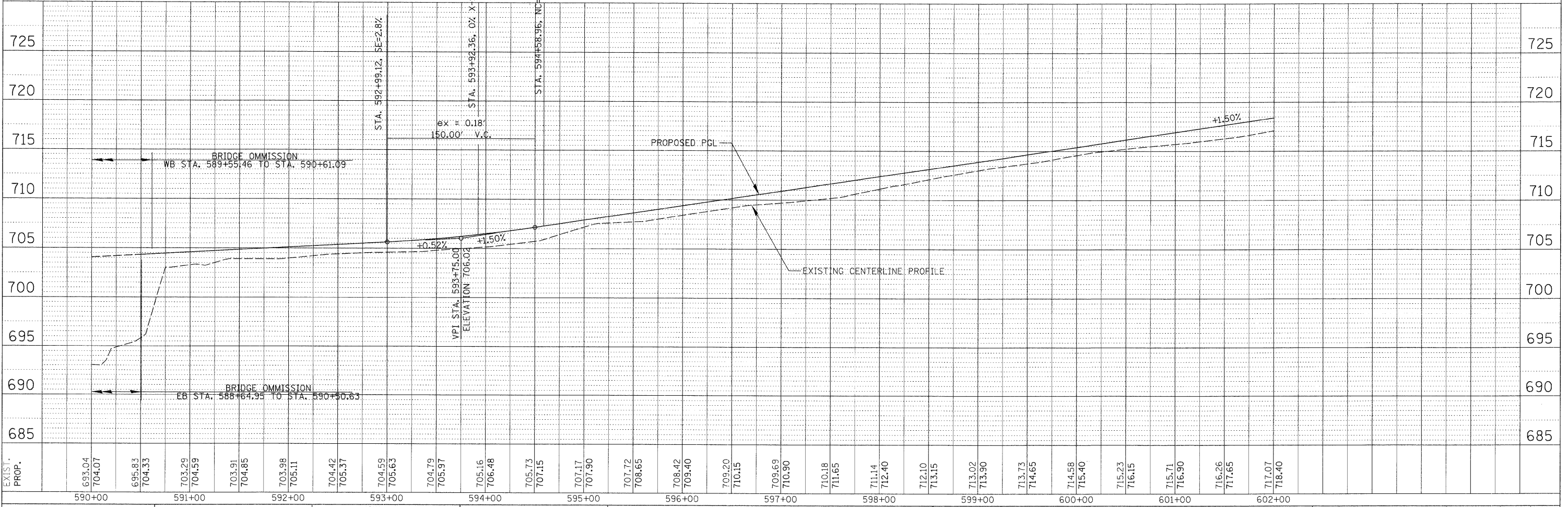
PROP. CURVE PRBIKE-6  
 PI STA. = 1018+69.25  
 $\Delta = 10^\circ 06' 14''$  (LT)  
 $D = 18^\circ 43' 03''$   
 $R = 306.11'$   
 $T = 27.06'$   
 $L = 53.98'$   
 $E = 1.19'$   
 $P.C. STA. = 1018+42.19$   
 $P.T. STA. = 1018+96.18$

PROP. CURVE PRBIKE-5  
 PI STA. = 1016+78.30  
 $\Delta = 8^\circ 24' 31''$  (RT)  
 $D = 2^\circ 33' 38''$   
 $R = 2,237.58'$   
 $T = 164.49'$   
 $L = 328.39'$   
 $E = 6.04'$   
 $P.C. STA. = 1015+13.81$   
 $P.T. STA. = 1018+42.19$

PROP. CURVE PRBIKE-7  
 PI STA. = 1019+59.73  
 $\Delta = 14^\circ 40' 19''$  (RT)  
 $D = 11^\circ 36' 19''$   
 $R = 493.70'$   
 $T = 63.56'$   
 $L = 126.42'$   
 $E = 4.07'$   
 $P.C. STA. = 1018+96.18$   
 $P.T. STA. = 1020+22.60$

LEGEND

- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
- Tree Removal, Size Shown
- Tree Trunk Protection
- Tree Root Pruning
- Temporary Fence



FILE NAME = RPP_072793_STEARNS_08.SHT	USER NAME = MWCWMAN	DESIGNED MCW	REVISED -	F.A.P. RTEL. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 35
VERT. SCALE = 1" = 5'	DRAWN PWN	CHECKED MCW	REVISED -	ROADWAY PLAN AND PROFILE - STEARNS ROAD		CONTRACT NO. 63075		
PLOT SCALE = 50'	DATE 01/16/09		REVISED -	SCALE: 1" = 50'		SHEET NO. OF SHEETS STA. 590+00.00 TO STA. 602+00.00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

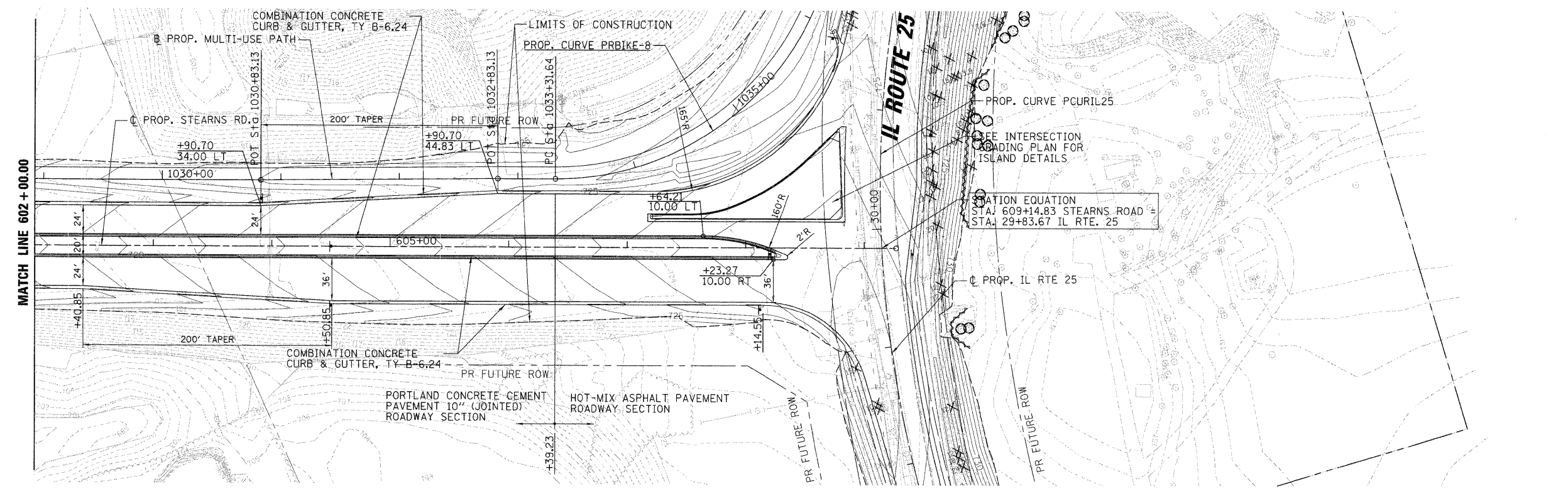
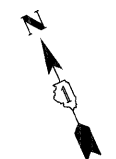
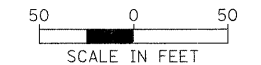
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE - STEARNS ROAD

F.A.P. RTEL. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 35
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	DESIGNED		
	DRAWN		
	CHECKED		
	IN CHARGE		
	NO. OF WAY CHECKED		
	NO. OF ROAD CHECKED		
	NO. OF UTILITY CHECKED		
	NO. OF STRUCTURE CHECKED		
	NO. OF CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	DESIGNED		
	DRAWN		
	CHECKED		
	IN CHARGE		
	NO. OF WAY CHECKED		
	NO. OF ROAD CHECKED		
	NO. OF UTILITY CHECKED		
	NO. OF STRUCTURE CHECKED		
	NO. OF CADD FILE NAME		

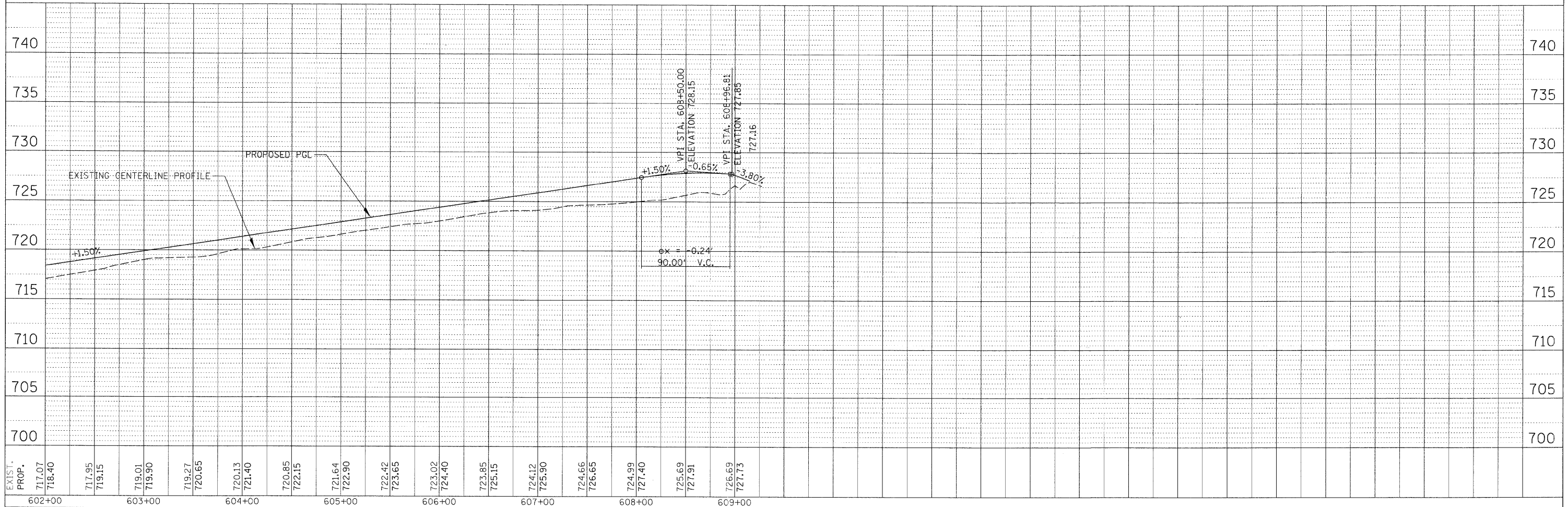


**PROP. CURVE PCURIL25**  
 PI STA. = 30+19.23  
 $\Delta = 29^\circ 27' 12''$  (RT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 262.84'$   
 $L = 514.06'$   
 $E = 33.97'$   
 $e = 3.8\%$   
 P.C. STA. = 27+56.38  
 P.T. STA. = 32+70.44

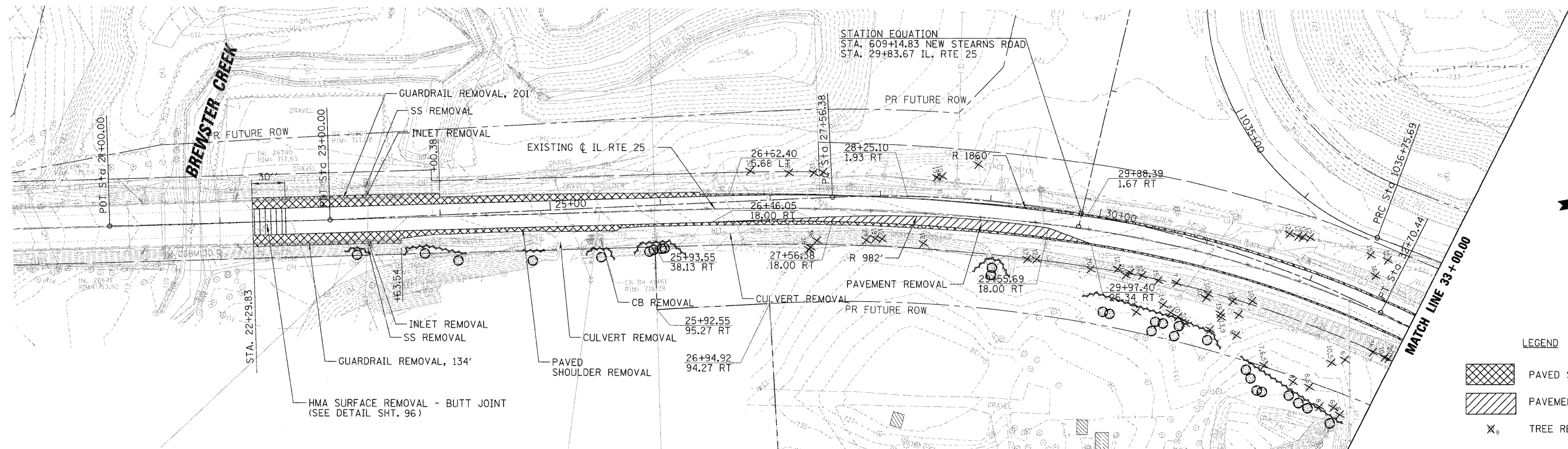
**PROP. CURVE PRBIKE-9**  
 PI STA. = 1037+53.80  
 $\Delta = 6^\circ 28' 35''$  (RT)  
 $D = 4^\circ 09' 00''$   
 $R = 1,380.59'$   
 $T = 78.11'$   
 $L = 156.06'$   
 $E = 2.21'$   
 P.C. STA. = 1036+75.69  
 P.T. STA. = 1038+31.75

- LEGEND**
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
  - COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
  - TREE REMOVAL, SIZE SHOWN
  - TREE TRUNK PROTECTION
  - TREE ROOT PRUNING
  - TEMPORARY FENCE

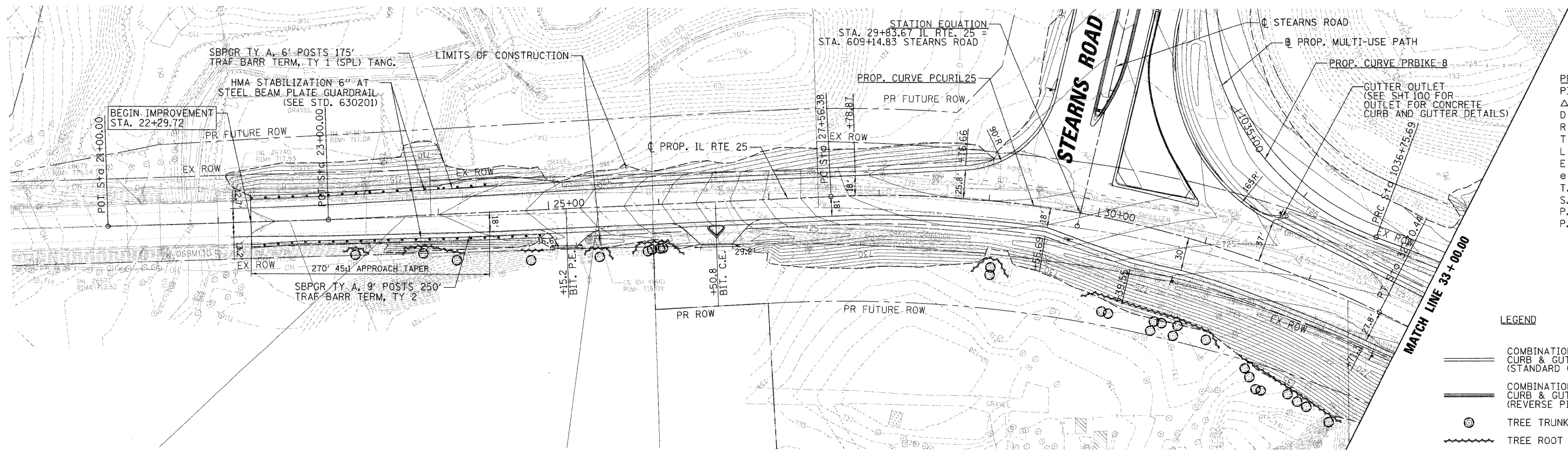
NOTE: SEE SHEET 98 FOR JOINTING DETAILS AT TURN LANE TAPERS.



FILE NAME = RPP_070793_STEARNS_09.SHT	USER NAME = MWORMAN	DESIGNED = MCW	REVISED = -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - STEARNS ROAD</b>	F.A.P. RTE. = 361	SECTION = 06-00214-20-BR	COUNTY = KANE	TOTAL SHEETS = 320	SHEET NO. = 36		
VERT. SCALE = 1" = 5'	DRAWN = PWJ	REVISED = -	SCALE: 1" = 50'			SHEET NO. OF SHEETS	STA. 602+00.00 TO STA. 609+26.95	CONTRACT NO. 63075				
PLOT SCALE = 50'	CHECKED = MCW	REVISED = -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									
PLOT DATE = 1/16/2009	DATE = 01/16/09	REVISED = -										



- LEGEND**
- PAVED SHOULDER REMOVAL
  - PAVEMENT REMOVAL
  - TREE REMOVAL, SIZE SHOWN



**PROP. CURVE PCURIL25**  
 PI STA. = 30+19.23  
 $\Delta$  = 29° 27' 12" (RT)  
 D = 5° 43' 46"  
 R = 1,000.00'  
 T = 262.84'  
 L = 514.06'  
 E = 33.97'  
 e = 3.8%  
 T.R. = 55.5'  
 S.E. RUN = 105.45'  
 P.C. STA. = 27+56.38  
 P.T. STA. = 32+70.44

- LEGEND**
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
  - COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
  - TREE TRUNK PROTECTION
  - TREE ROOT PRUNING
  - TEMPORARY FENCE

FILE NAME =  
 PLN\_070793\_RTE25\_01.SHT

USER NAME = MWORDMAN

DESIGNED - MCW  
 DRAWN - PWN

REVISOR -  
 REVISION -

CHECKED - MCW  
 DATE - 01/16/09

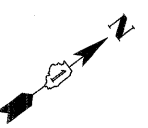
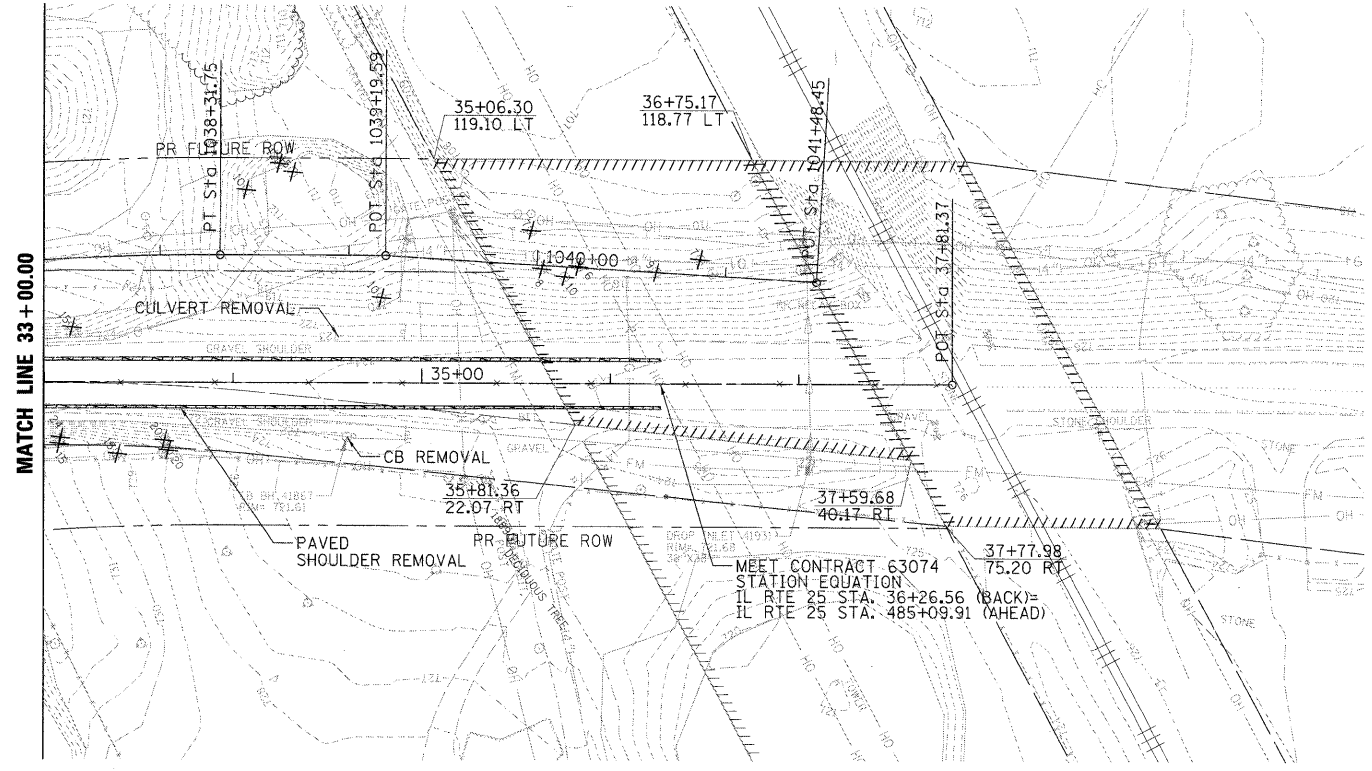
REVISOR -  
 REVISION -




**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

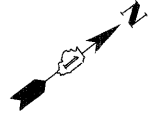
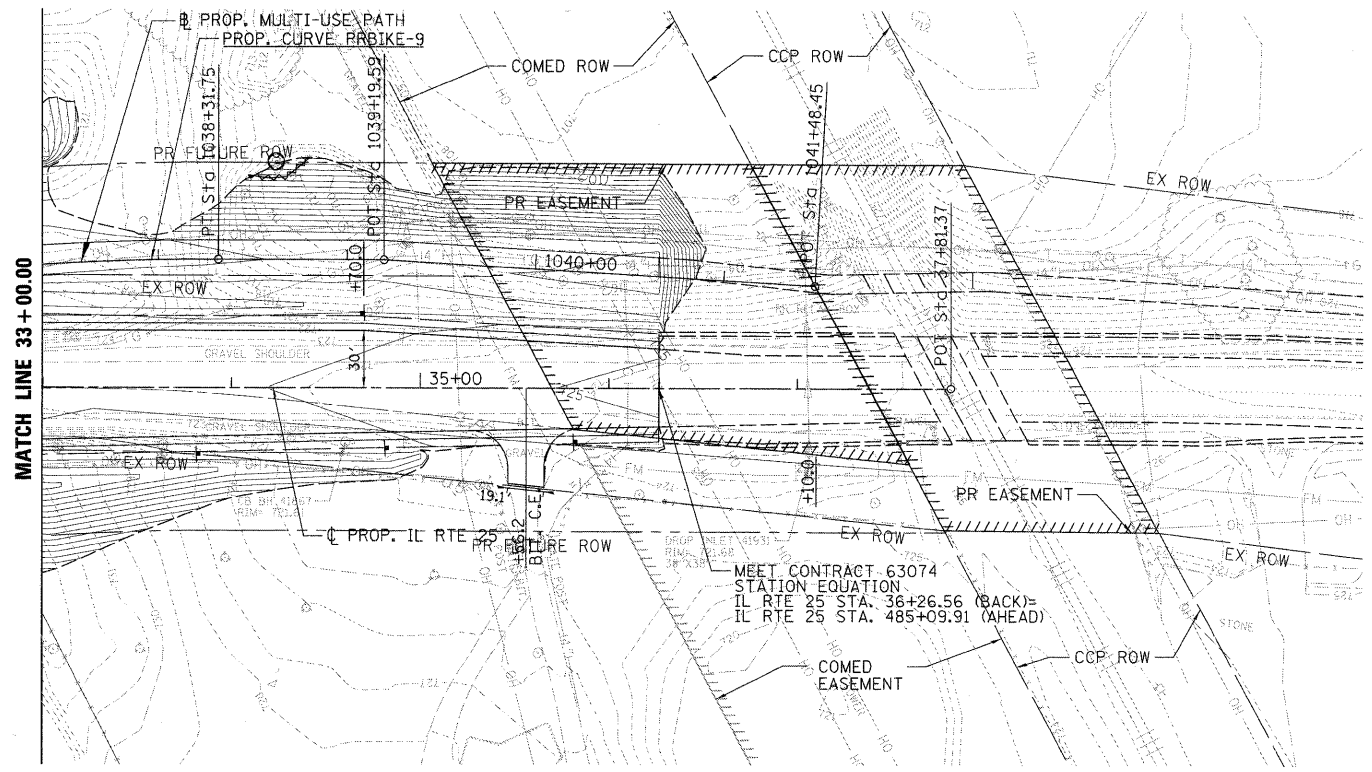
**EXISTING AND PROPOSED PLAN - IL ROUTE 25**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 21+00.00 TO STA. 33+00.00






F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	37
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
-  PAVED SHOULDER REMOVAL
  -  PAVEMENT REMOVAL
  -  TREE REMOVAL, SIZE SHOWN



**PROP. CURVE PRBIKE-9**  
 PI STA. = 1037+53.80  
 $\Delta = 6^\circ 28' 35''$  (RT)  
 $D = 4^\circ 09' 00''$   
 $R = 1,380.59'$   
 $T = 78.11'$   
 $L = 156.06'$   
 $E = 2.21'$   
 P.C. STA. = 1036+75.69  
 P.T. STA. = 1038+31.75

- LEGEND**
-  COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
  -  COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
  -  TREE TRUNK PROTECTION
  -  TREE ROOT PRUNING
  -  TEMPORARY FENCE

FILE NAME = P:\N\_070793\_RTE25\_02.SHT

USER NAME = MWORMAN	DESIGNED - MCW	REVISED -
PLOT SCALE = 50'	DRAWN - PWN	REVISED -
PLOT DATE = 1/16/2009	CHECKED - MCW	REVISED -
	DATE - 01/16/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

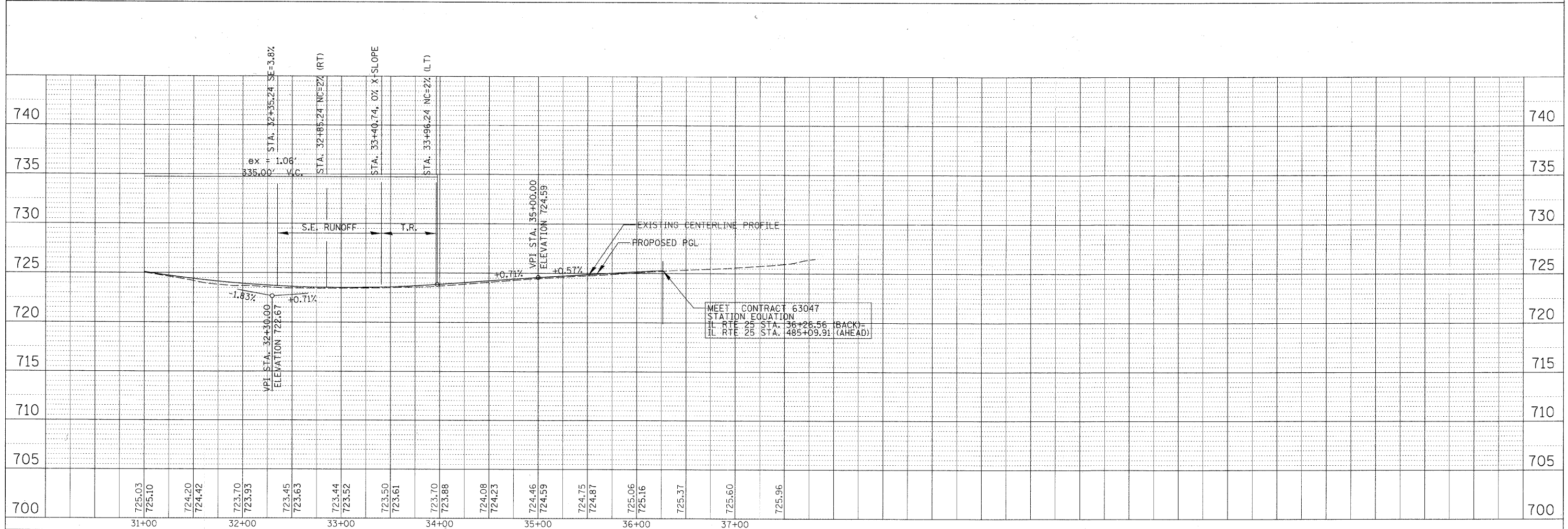
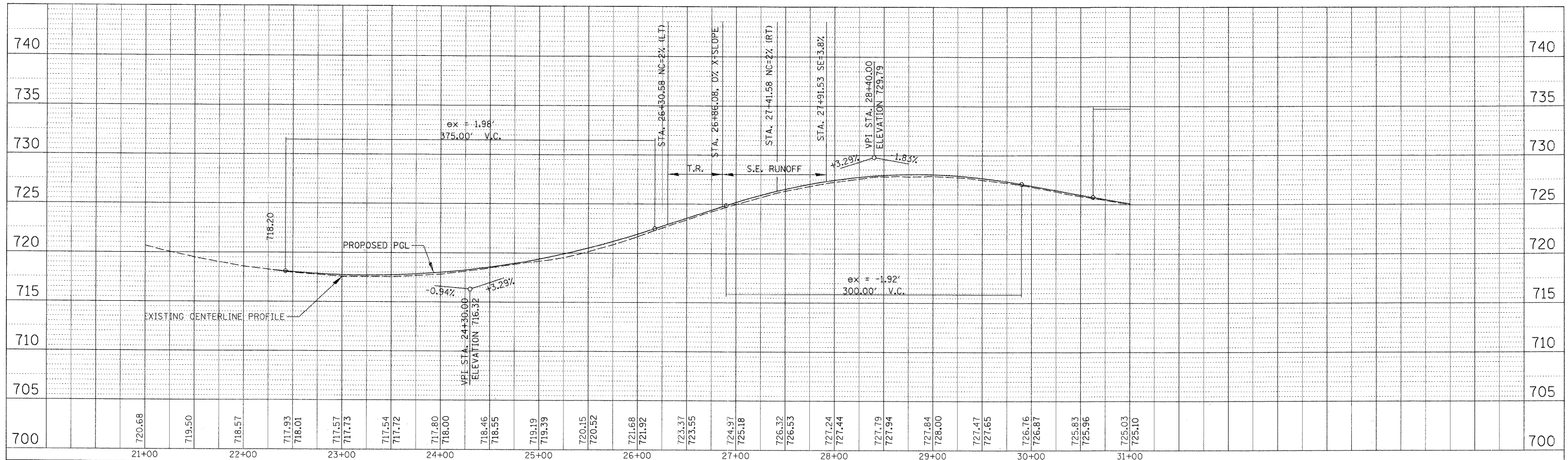
**EXISTING AND PROPOSED PLAN - IL ROUTE 25**

SCALE: 1"= 50' SHEET NO. OF SHEETS STA. 33+00.00 TO STA. 37+81.37

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	38
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

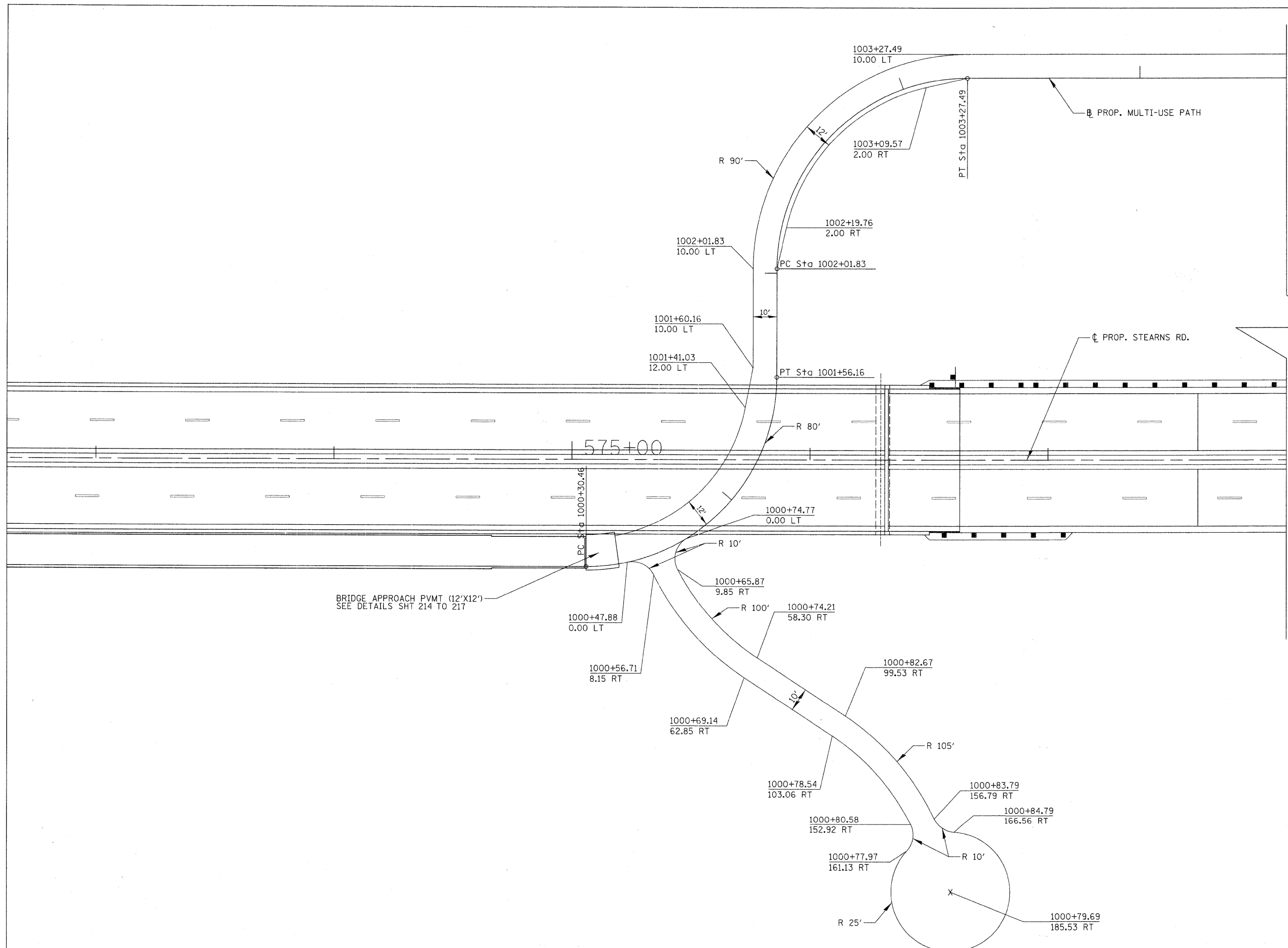
PLAN	SURVEYED	BY	DATE
	ALIGNED		
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	PLOTTED		
	NOTE BOOK		
	NO.		



FILE NAME =	USER NAME = MWORMAN	DESIGNED - MCW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PROFILE - IL ROUTE 25</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PRF_070793_IL RTE_25_01.SHT	VERT. SCALE = 1" = 5'	DRAWN - PWN	REVISED -			361	06-00214-20-BR	KANE	320	39	
	PLOT SCALE = 50'	CHECKED - MCW	REVISED -			CONTRACT NO. 63075					
	PLOT DATE = 1/16/2009	DATE - 01/16/09	REVISED -			SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA.	TO STA.

SEE SHEET 34 FOR CONTINUATION  
OF MULTI-USE PATH



BRIDGE APPROACH PVMT (12'X12')  
SEE DETAILS SHT 214 TO 217

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

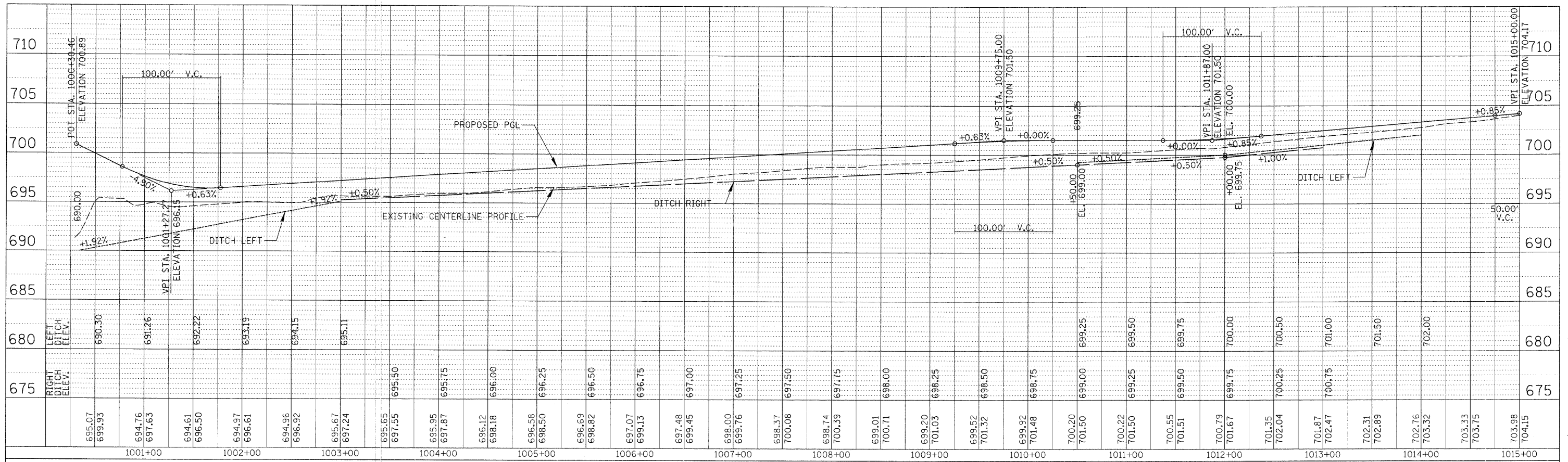
**MULTI-USE  
PATH PLAN**

FILE NAME = PLN.070793_MUP.SHT	USER NAME = MWORMAN	DESIGNED BJB	REVISED -
		DRAWN BJB	REVISED -
		CHECKED MCW	REVISED -
		DATE 01/16/09	REVISED -

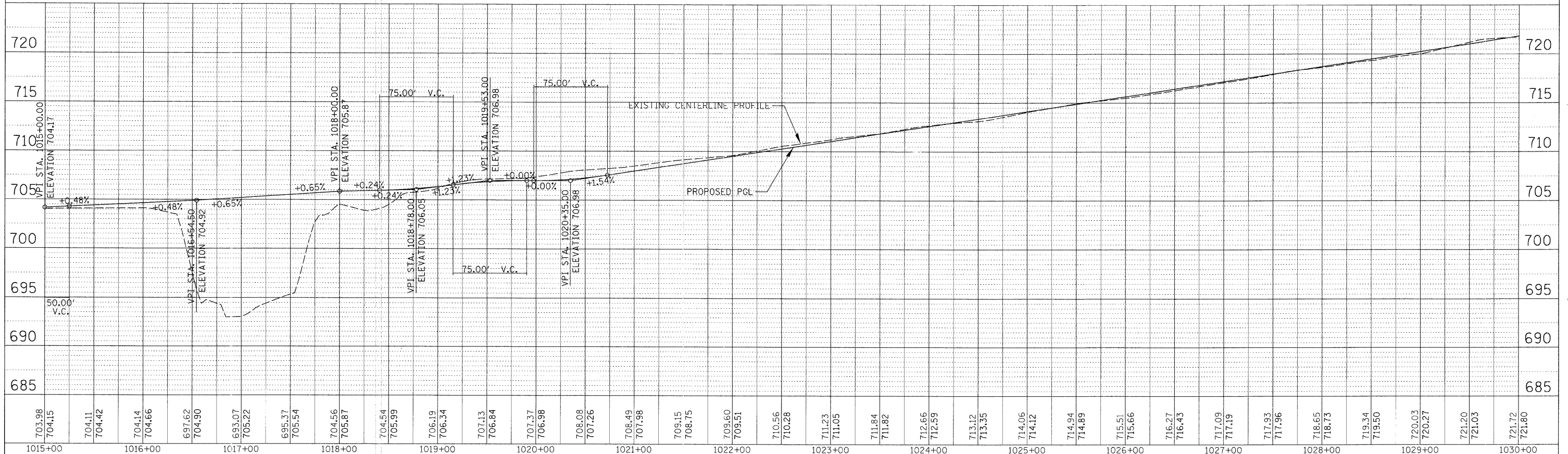
SCALE: 1"= 20'	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 40
			CONTRACT NO. 63075				
			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	REVISIONS		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS' CHKD		
	NO.		



FILE NAME =	USER NAME =	DESIGNED =	REVISED =	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PRF_070793_BIKEPATH_01.SHT	GTINE	MCW		361	06-00214-20-BR	KANE	320	41
	VERT. SCALE =	DRAWN =	REVISED =	CONTRACT NO. 63075				
	1" = 5'	PWN						
	PLOT SCALE =	CHECKED =	REVISED =					
	5/8"	MCW						
	PLOT DATE =	DATE =	REVISED =					
	2/10/2009	01/16/09						

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

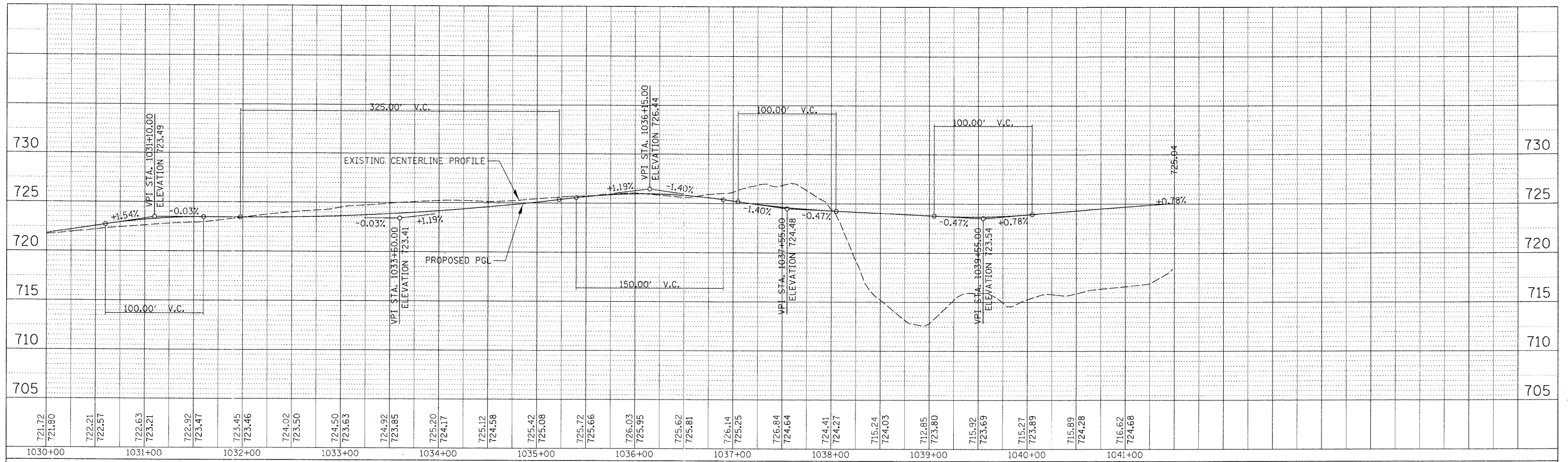
**PROPOSED PROFILE - MULTI-USE PATH**

SCALE: 1" = 50'    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	41
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

PROFILE SURVEYED BY DATE  
 PLOTTED BY DATE  
 NOTE BOOK NO. CHECKED BY DATE  
 STRUCTURE NOTATIONS CHKD



FILE NAME = PRF\_070793\_BIKEPAT-4.02.SHT

USER NAME = MWORMAN  
 VERT. SCALE = 1" = 5'  
 PLOT SCALE = 50'  
 PLOT DATE = 1/16/2009

DESIGNED - MCW  
 DRAWN - PWN  
 CHECKED - MCW  
 DATE - 01/16/09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE - MULTI-USE PATH

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	42
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**STAGES OF CONSTRUCTION  
GENERAL NOTES**

- 1 THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
- 2 THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES WITHIN THE PROJECT LIMITS. THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TEMPORARY ACCESS (PRIVATE ENTRANCE)" AND "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)".
- 3 THE CONTRACTOR SHALL PLACE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION TO INFORM MOTORISTS OF INCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THE WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL COMPLETE" (SEE INFORMATION SIGN DETAIL SHEET).
- 4 THE CONTRACTOR SHALL MAINTAIN STEARNS ROAD CLOSED TO THE TRAFFIC AT THE INTERSECTION OF STEARNS ROAD AND McLEAN BLVD FOR THE DURATION OF THE CONSTRUCTION OPERATIONS INCLUDING PROPOSED TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION BARRICADES AND SIGNS INSTALLATION WITH ADJACENT CONSTRUCTION OPERATIONS.

**SEQUENCE OF CONSTRUCTION**

**STAGE 1**

- 1 TRAFFIC ON IL ROUTE 25 SHALL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH IDOT STANDARD 701006.
- 2 PLACE TRAFFIC CONTROL DEVICES, REMOVE EXISTING PAVEMENT MARKINGS AND CONSTRUCT TEMPORARY PAVEMENT MARKINGS PER MAINTENANCE OF TRAFFIC STAGE 1 PLAN.
- 3 REMOVE EXISTING SOUTHBOUND SHOULDER AND CONSTRUCT THE PROPOSED SOUTHBOUND IL ROUTE 25 PAVEMENT WIDENING, CURB OR SHOULDER AND DRAINAGE STRUCTURES TO THE LIMITS SHOWN ON THE PLANS AND DETAILS. REMOVE AND RELOCATE EXISTING GUARDRAIL.

**STAGE 2**

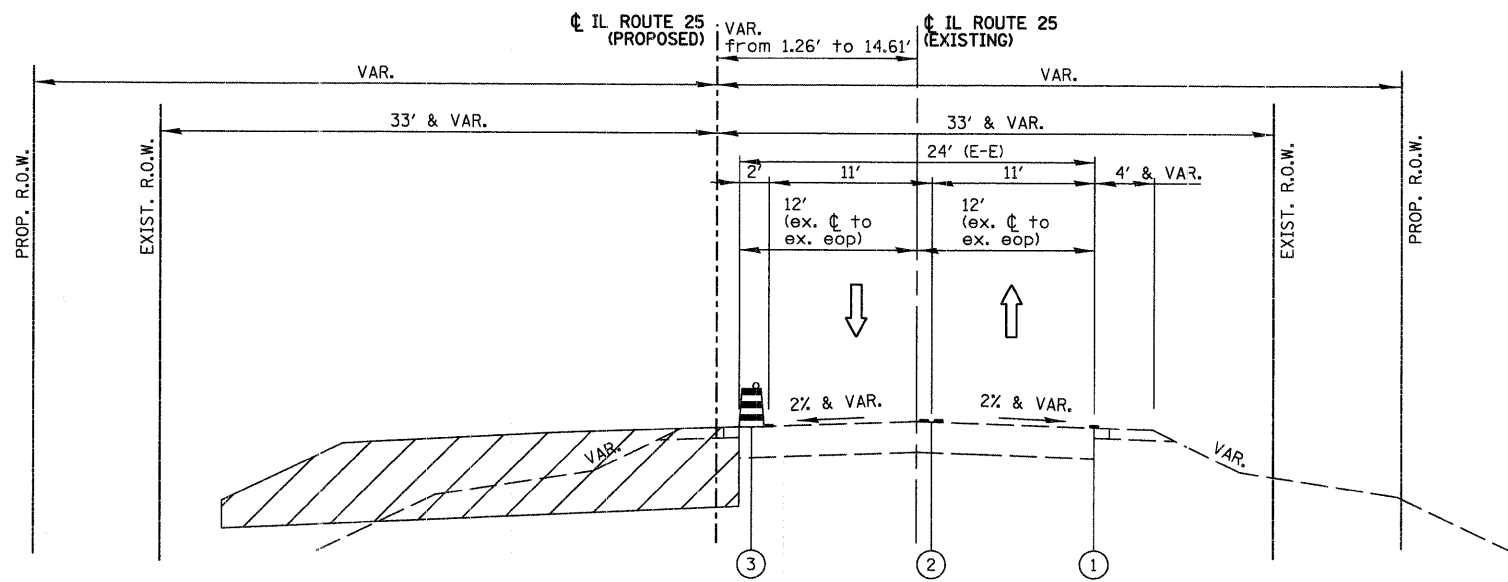
- 1 TRAFFIC ON IL ROUTE 25 SHALL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701006.
- 2 PLACE TRAFFIC CONTROL DEVICES, REMOVE STAGE 1 TEMPORARY PAVEMENT MARKINGS AND CONSTRUCT TEMPORARY PAVEMENT MARKINGS PER MAINTENANCE OF TRAFFIC STAGE 2 PLAN.
- 3 RELOCATE TEMPORARY CONCRETE BARRIER AND ATTENUATOR FOR SOUTHBOUND TO THE LOCATION SHOWN ON STAGE 2 MAINTENANCE OF TRAFFIC PLANS.
- 4 CONSTRUCT TEMPORARY CONCRETE BARRIER AND ATTENUATOR FOR NORTHBOUND AS PER MAINTENANCE OF TRAFFIC STAGE 2 PLAN.
- 5 REMOVE EXISTING NORTHBOUND SHOULDER AND CONSTRUCT THE PROPOSED NORTHBOUND IL ROUTE 25 PAVEMENT WIDENING, CURB OR SHOULDER AND DRAINAGE STRUCTURES TO THE LIMITS SHOWN ON THE PLANS AND DETAILS. REMOVE AND RELOCATE EXISTING GUARDRAIL.

**STAGE 3**

- 1 TRAFFIC ON IL ROUTE 25 SHALL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701301.
- 2 PLACE TRAFFIC CONTROL DEVICES, REMOVE STAGE 2 TEMPORARY PAVEMENT MARKINGS AND PLACE NEW TEMPORARY PAVEMENT MARKINGS. SHIFT BOTH NORTHBOUND AND SOUTHBOUND TRAFFIC TO THE WEST.
- 3 COLD MILL EXISTING NORTHBOUND LANE BITUMINOUS SURFACE. CONSTRUCT LEVELING BINDER TO THE LIMITS SHOWN ON PROPOSED PLANS FOR IL ROUTE 25. CONSTRUCT NEW BINDER AND SURFACE PAVEMENT FOR NORTHBOUND LANE INCLUDING NEW WIDENING AND RIGHT SHOULDER.
- 4 PAVE PROPOSED DRIVEWAYS ALONG EAST SIDE OF IL ROUTE 25.
- 5 SHIFT NB TRAFFIC ONTO NEW CONSTRUCTED NORTHBOUND PAVEMENT.
- 6 COLD MILL EXISTING SOUTHBOUND BITUMINOUS SURFACE. CONSTRUCT LEVELING BINDER TO THE LIMITS SHOWN ON PROPOSED PLANS FOR IL ROUTE 25. CONSTRUCT NEW BINDER AND SURFACE PAVEMENT FOR SOUTHBOUND LANE INCLUDING NEW WIDENING AND LEFT SHOULDER.
- 7 CONSTRUCT PROPOSED PAVEMENT MARKINGS PER PLANS ALONG IL ROUTE 25 IN ACCORDANCE WITH IDOT STANDARD 701311.



FILE NAME = IL25_mot_note@l.mot	USER NAME = GYSherman	DESIGNED - GS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 25 MAINTENANCE OF TRAFFIC GENERAL NOTES SEQUENCE OF CONSTRUCTION</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 43	
	PLOT SCALE = 20.0000' / IN.	CHECKED - SE	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/13/2009	DATE - 01/16/09	REVISED -		CONTRACT NO.							



**IL ROUTE 25 STAGE 1**

STA. 21+29.66 TO STA. 38+67.52

**NOTE:**

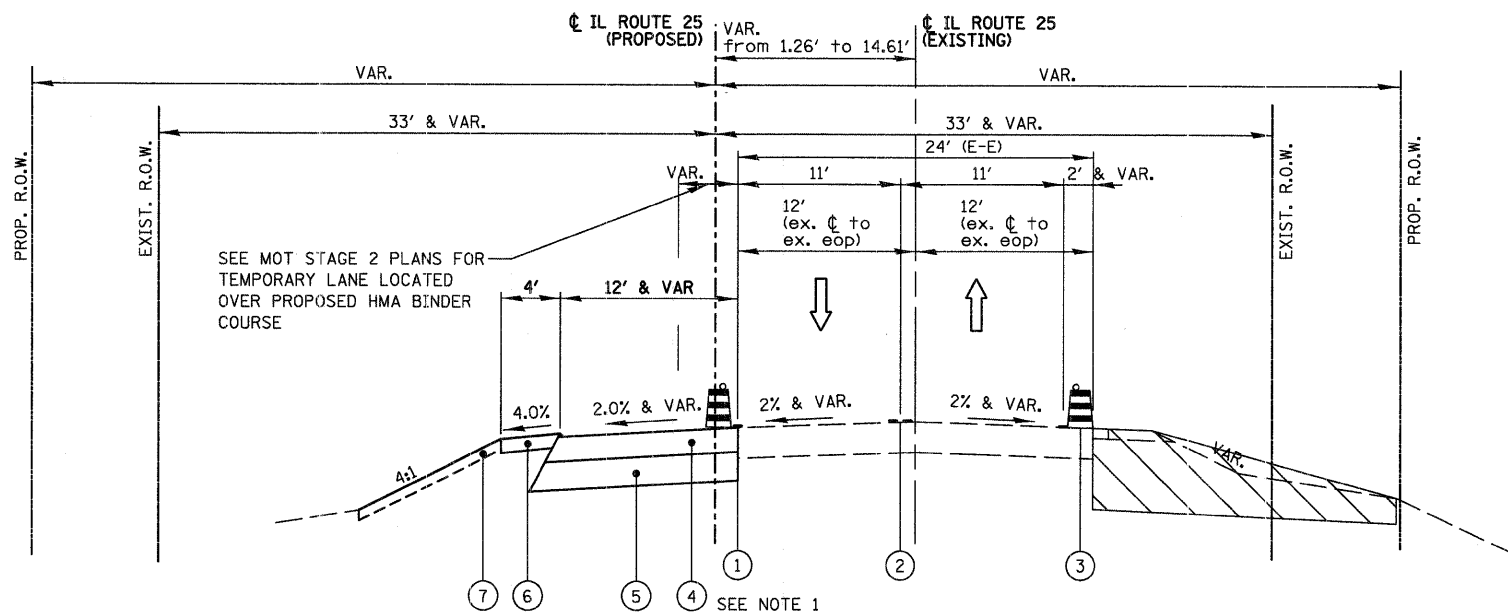
- 1 HOT-MIX. ASPHALT BINDER COURSE, IL-19.0, N70 IS TO BE PLACED UP TO THE LEVEL OF THE EXISTING PAVEMENT.

**LEGEND:**

- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCH (WHITE)
- ② TEMPORARY PAVEMENT MARKING LINE, 4 INCH (DOUBLE YELLOW)
- ③ DRUM WITH STEADY BURNING LIGHT
- ④ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (10 INCH)
- ⑤ AGGREGATE SUBGRADE 12"
- ⑥ AGGREGATE SHOULDER 6"
- ⑦ TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A

WORK ZONE

EXISTING PAVEMENT



**IL ROUTE 25 STAGE 2**

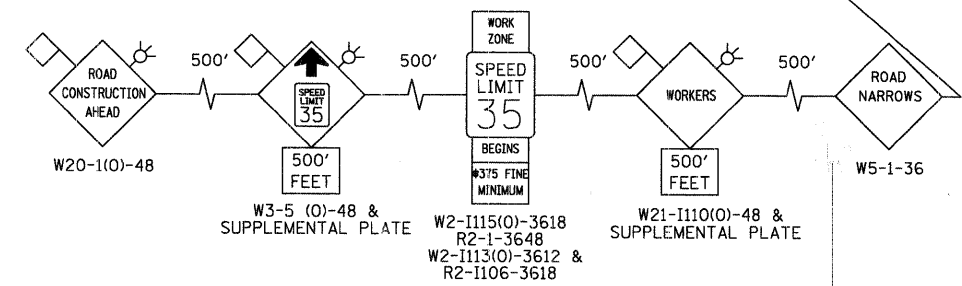
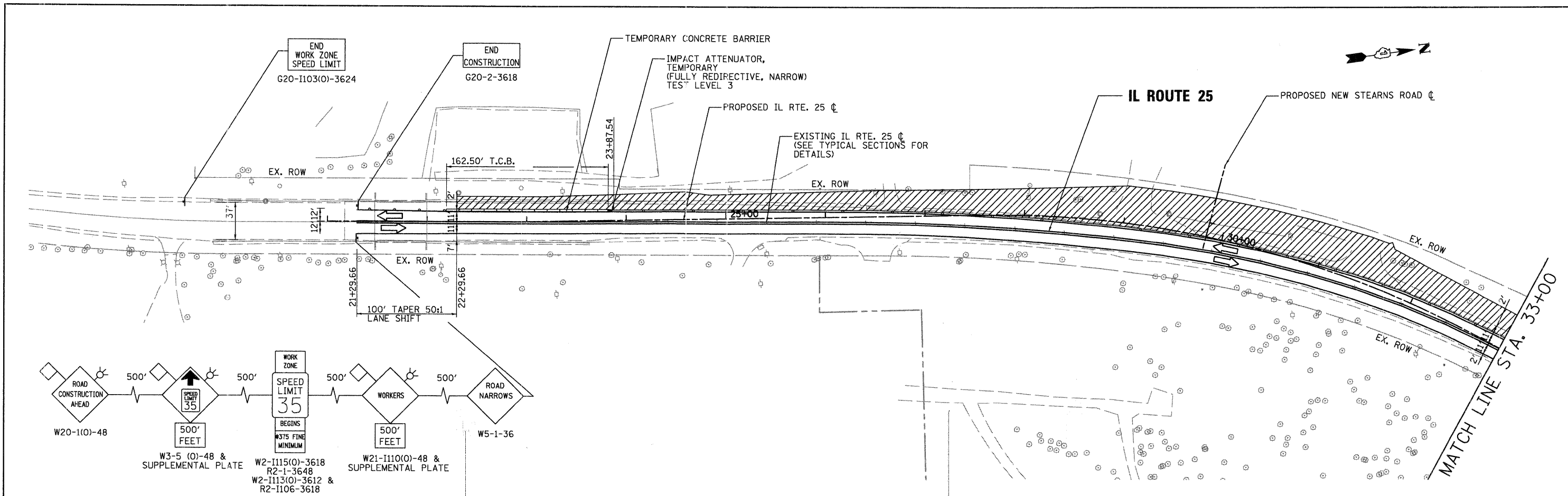
STA. 21+29.66 TO STA. 38+67.52

FILE NAME = IL25_mot.tpd01.mot	USER NAME = GYSherman	DESIGNED - GS	REVISED -
		DRAWN - GS	REVISED -
		CHECKED - SE	REVISED -
		DATE - 01/16/09	REVISED -

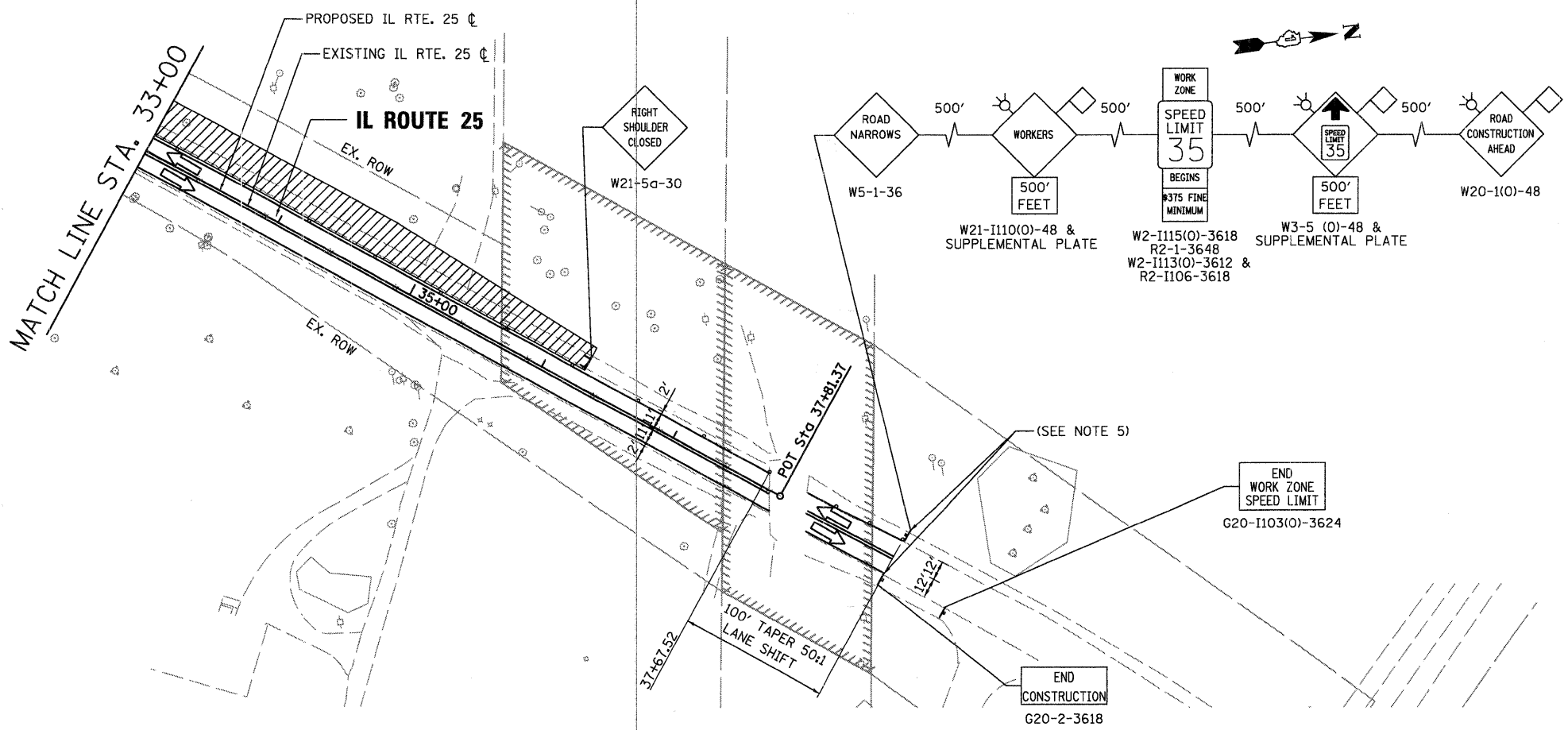
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 25 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS</b>			
SCALE: N.T.S.	SHEET NO. 2 OF 5 SHEETS	STA. _____	TO STA. _____

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 44
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



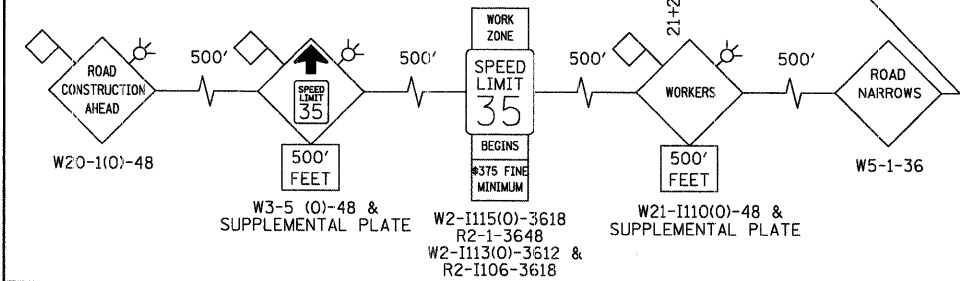
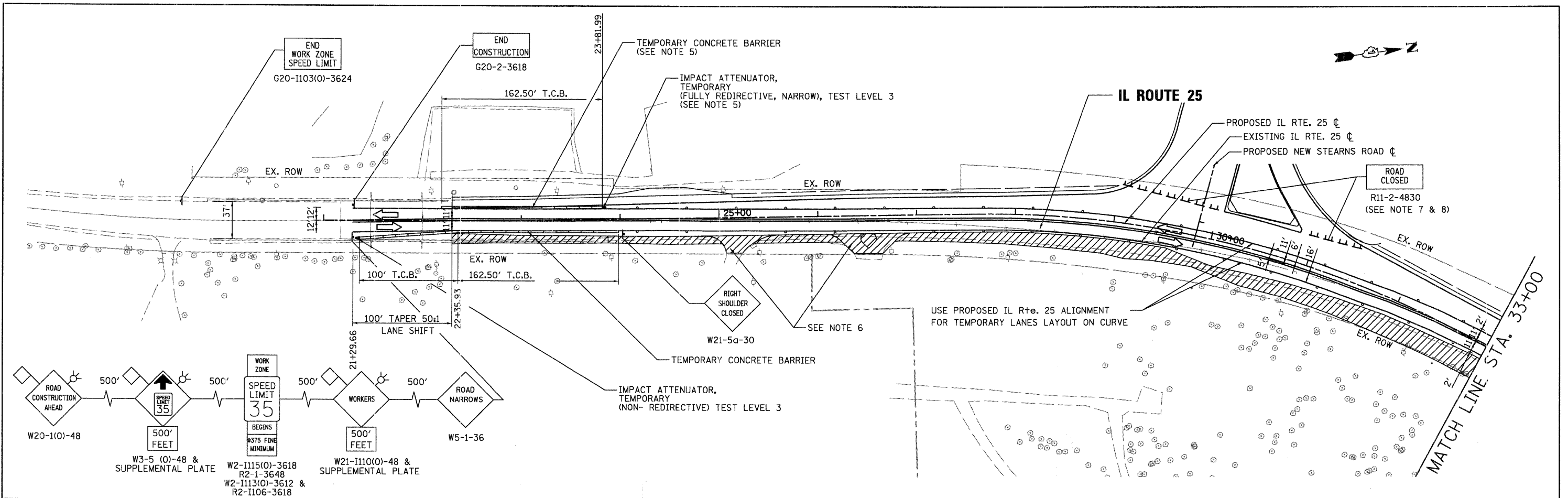
- NOTES:
- STANDARD 701006 TO BE UTILIZED IN STAGE 1
  - ALL MAINTENANCE OF TRAFFIC SIGNS USED IN STAGE 1 TO REMAIN FOR STAGE 2 ALONG IL ROUTE 25.
  - ALL SIGNS SHALL BE POST OR SKID MOUNTED.
  - REMOVE ALL CONFLICTING SIGNS AND PAVEMENT MARKINGS.
  - THE CONTRACTOR SHALL COORDINATE CONSTRUCTION SIGNS INSTALLATION AND TEMPORARY LANES DELINEATION WITH ADJACENT IL RTE. 25 CONSTRUCTION OPERATIONS TO THE NORTH OF PROJECT LIMITS.



- LEGEND**
- DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
  - ➔ TRAFFIC DIRECTION
  - ▬ DOUBLE VERTICAL PANELS (BACK TO BACK) WITH BI-DIRECTIONAL STEADY BURNING LIGHTS
  - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
  - ▨ WORK ZONE
  - ▩ TEMPORARY PAVEMENT
  - ➡ ARROW BOARD
  - ▬ TEMP. CONCRETE BARRIER

**Baker** Engineering, Inc.

FILE NAME = IL25_mot@1.mot	USER NAME = GYSherman	DESIGNED - GS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 25 MAINTENANCE OF TRAFFIC STAGE 1 PLAN</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 45
	PLOT SCALE = 50.0003' / IN.	DRAWN - GS	REVISED -		SCALE: 1"=50'	SHEET NO. 3 OF 5 SHEETS	STA.	CONTRACT NO.		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/13/2009	CHECKED - SE	REVISED -								
		DATE - 01/16/09	REVISED -								

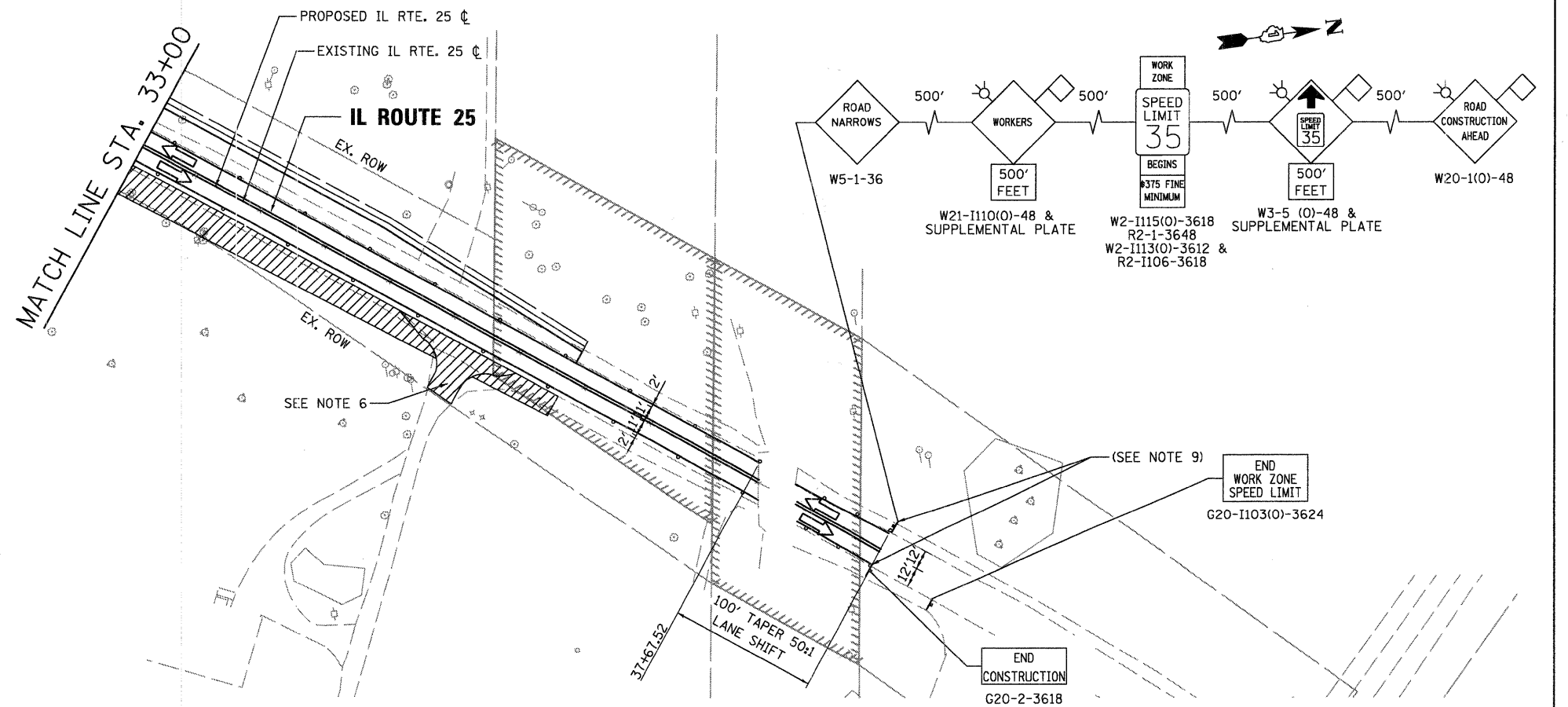


**NOTES:**

- STANDARD 701006 TO BE UTILIZED IN STAGE 2
- ALL MAINTENANCE OF TRAFFIC SIGNS USED IN STAGE 1 TO REMAIN FOR STAGE 2 ALONG IL ROUTE 25.
- ALL SIGNS SHALL BE POST OR SKID MOUNTED.
- REMOVE ALL CONFLICTING SIGNS AND PAVEMENT MARKINGS.
- RELOCATE TEMPORARY CONCRETE BARRIER AND TEMPORARY ATTENUATOR TO ALIGN WITH STAGE 2 TEMPORARY PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION (SEE GENERAL NOTES FOR DETAILS).
- ROAD CLOSED SIGNS TO BE INSTALLED ABOVE THE TYPE III BARRICADES.
- THE TYPE III BARRICADES AND SIGNS SHALL REMAIN IN PLACE FOR THE DURATION OF THE CONSTRUCTION OPERATIONS INCLUDING PROPOSED TRAFFIC SIGNAL INSTALLATION. THE REMOVAL OF THE BARRICADES SHALL BE COORDINATED WITH KANE COUNTY.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION SIGNS INSTALLATION AND TEMPORARY LANES DELINEATION WITH ADJACENT IL RTE. 25 CONSTRUCTION OPERATIONS TO THE NORTH OF PROJECT LIMITS.

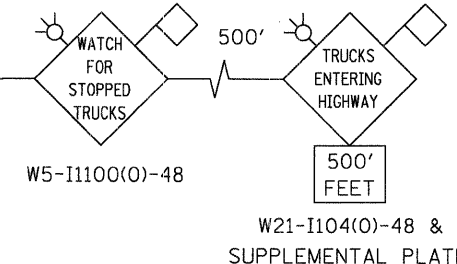
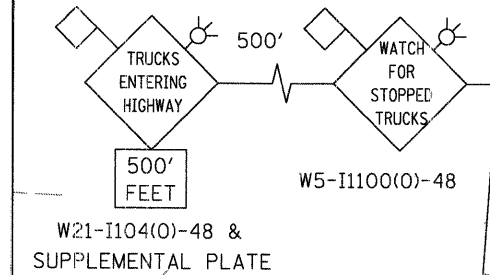
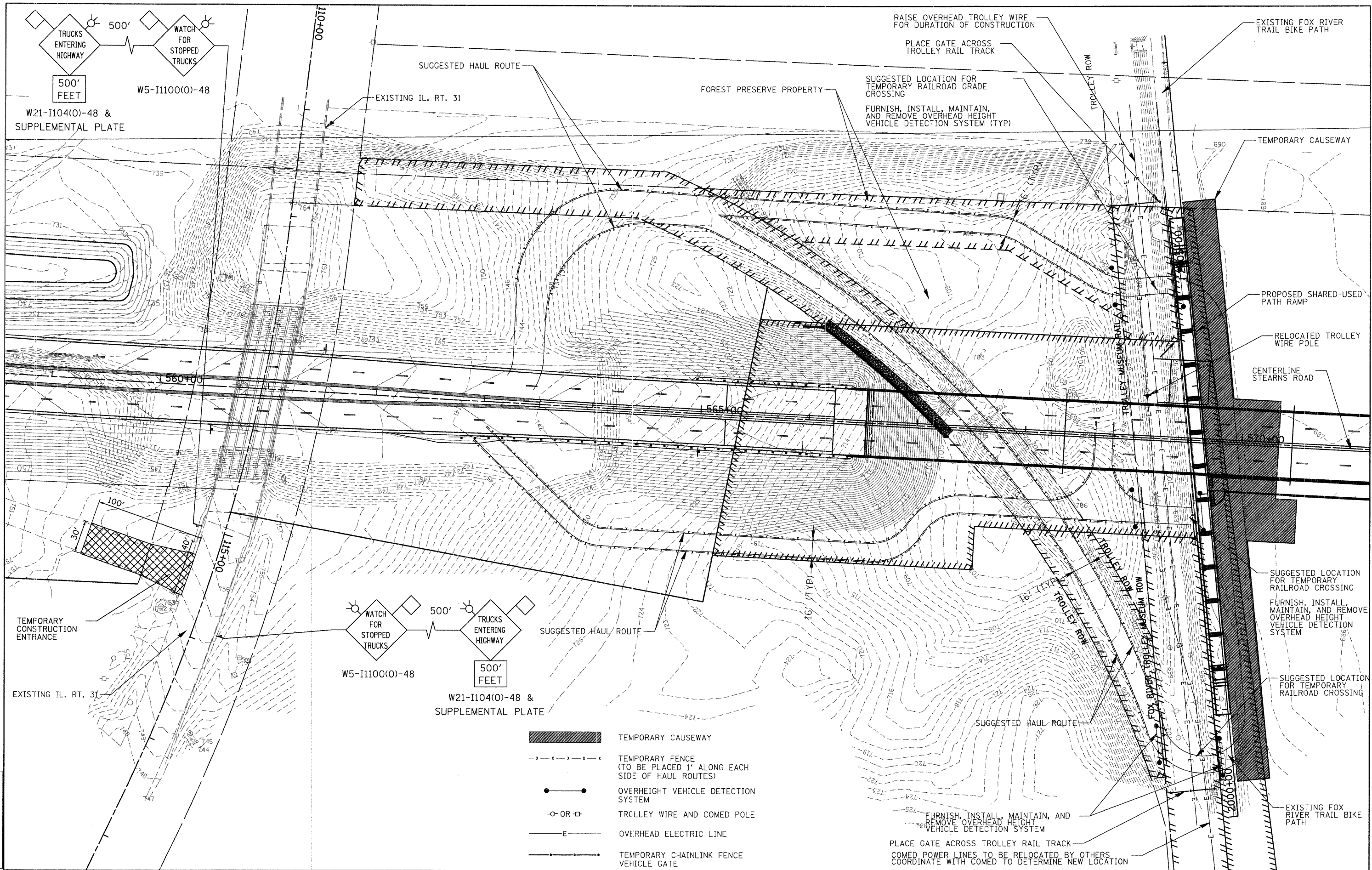
**LEGEND**

- DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
- TRAFFIC DIRECTION
- ▬ DOUBLE VERTICAL PANELS (BACK TO BACK) WITH BI-DIRECTIONAL STEADY BURNING LIGHTS
- ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
- ▨ WORK ZONE
- ▩ TEMPORARY PAVEMENT
- ARROW BOARD
- ▬ TEMP. CONCRETE BARRIER



**Baker**  
Engineering, Inc.

FILE NAME = IL25.mot22.mot	USER NAME = GYSherman	DESIGNED - GS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 25 MAINTENANCE OF TRAFFIC STAGE 2 PLAN</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 46
PLOT SCALE = 50.0000' / IN.	CHECKED - SE	REVISED -	REVISED -		SCALE: 1"=50'	SHEET NO. 4 OF 5 SHEETS	STA.	CONTRACT NO.		ILLINOIS FED. AID PROJECT	
PLOT DATE = 1/13/2009	DATE - 01/16/09	REVISED -	REVISED -								
<p style="text-align: center;">MATCH LINE STA. 33+00</p> <p style="text-align: center;">MATCH LINE STA. 31+47.52</p>											



- TEMPORARY CAUSEWAY
- TEMPORARY FENCE (TO BE PLACED 1' ALONG EACH SIDE OF HAUL ROUTES)
- OVERHEIGHT VEHICLE DETECTION SYSTEM
- TROLLEY WIRE AND COMED POLE
- OVERHEAD ELECTRIC LINE
- TEMPORARY CHAINLINK FENCE VEHICLE GATE

FILE NAME = IL31.con\_entr.mot  
 USER NAME = GYSherman  
 DESIGNED - GS  
 DRAWN - GS  
 CHECKED - SE  
 DATE - 01/16/09

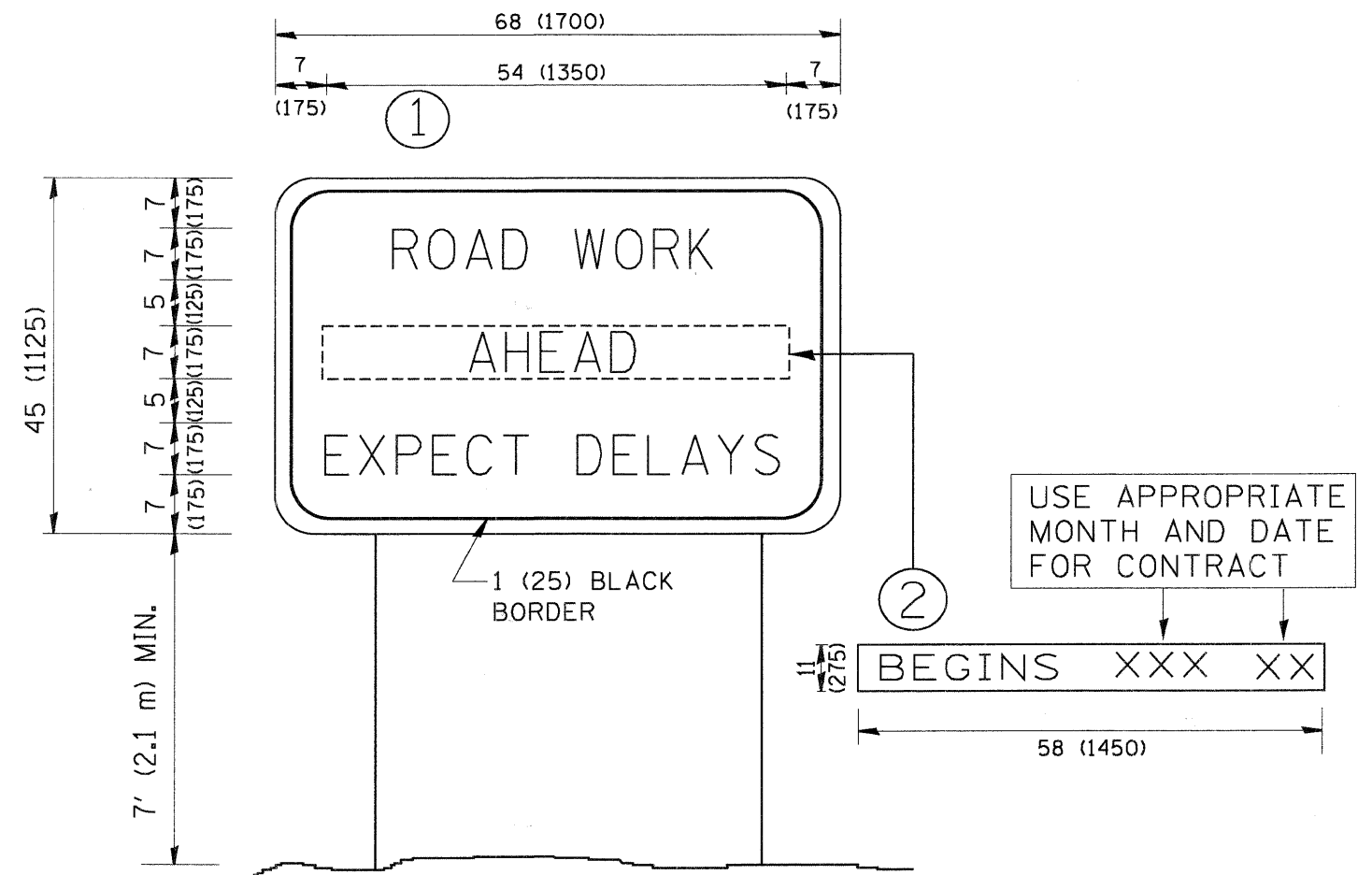
W21-I104(O)-48 & SUPPLEMENTAL PLATE  
 W5-I1100(O)-48  
 W21-I104(O)-48 & SUPPLEMENTAL PLATE

DESIGNED - GS  
 DRAWN - GS  
 CHECKED - SE  
 DATE - 01/16/09

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STEARN'S ROAD  
 SUGGESTED CONTRACTOR ACCESS PLAN  
 SCALE: 1"=40' SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 47
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
- ~~5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.~~
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- ~~7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.~~

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\d:\state\22x34\to22.dgn	USER NAME = geglentobt	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 48	
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>TC-22</b>		CONTRACT NO. 63075	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED - C. JUCIUS 01-31-07									



**STORM WATER POLLUTION PREVENTION PLAN (SWPPP):  
STEARNS ROAD – MCLEAN BOULEVARD TO ILLINOIS ROUTE 25**

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

**1. SITE DESCRIPTION:**

A. THE WORK UNDER THIS CONTRACT WILL BE COMPLETED ON PROPERTY LOCATED IN UNINCORPORATED ST. CHARLES TOWNSHIP, KANE COUNTY, ILLINOIS ALONG THE NEW STEARNS ROAD ALIGNMENT BETWEEN MCLEAN BOULEVARD AND ILLINOIS ROUTE 25. THE PROJECT INCLUDES THE CLEARING OF THE SITE, FILLING OF EXISTING WETLANDS, CONSTRUCTION OF DETENTION BASINS, COMPENSATORY STORAGE AND WETLAND AREAS AND THE BUILDING OF THE ROADWAY EMBANKMENT FOR NEW STEARNS ROAD.

B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF THE MAJOR ACTIVITIES WHICH WILL DISTURB SOIL FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE; SUCH AS EXCAVATION AND GRADING SEQUENCE OF THE CONSTRUCTION ACTIVITIES MAY BE AS FOLLOWS:

- i) INSTALLATION OF CONSTRUCTION FENCING, SEDIMENT CONTROL, SILT FENCE AND VEGETATION
- ii) CLEARING OF THE PROJECT SITE AS SHOWN IN THE STAGING PLAN
- iii) GRADING OF DETENTION PONDS AND COMPENSATORY STORAGE AREAS; THIS WORK IS TO BE COMPLETED CONCURRENTLY WITH THE CONSTRUCTION OF SUMP PITS, PUMPING BASINS, AND TEMPORARY AGGREGATE BERMS
- iv) TOPSOIL SPREADING WITH TEMPORARY OR PERMANENT SOIL STABILIZATION MEASURES AND THE CONSTRUCTION OF PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES
- v) REMOVAL OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES

C. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 125 ACRES. THE TOTAL AREA OF THE SITE THAT IS ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 60 ACRES.

D. THE ESTIMATED RUNOFF COEFFICIENT FOR THE PROJECT IS 0.55 FOR EXISTING CONDITIONS AND 0.45 FOR THE PROPOSED PROJECT. INFORMATION DESCRIBING THE SOILS AT THE SITE IS CONTAINED IN THE SOILS REPORTS FOR THE PROJECT, WHICH IS HEREBY INCORPORATED BY REFERENCE.

E. WATERS OF THE U.S. INCLUDED WITHIN OR ADJACENT TO THE PROJECT SITE ARE THE FOX RIVER, BREWSTER CREEK, AND THE NORTH ARM OF BREWSTER CREEK. THERE ARE WETLANDS WITHIN THE PROJECT SITE AND ON THE ADJACENT PROPERTIES. THE WETLAND BOUNDARIES ARE SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHEETS.

**2. CONTROLS:**

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1.B ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED.

EACH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO AND ARE A PART OF THIS PLAN.

THE SOIL EROSION AND SEDIMENT CONTROL PLAN DRAWINGS INCLUDED DEFINE THE SIZE AND LOCATION OF THE MEASURES TO BE INSTALLED DURING THE CONSTRUCTION OF THIS PROJECT.

**A. SOIL EROSION AND SEDIMENT CONTROLS:**

- i) **STABILIZATION PRACTICES:**  
PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED.

EXCEPT AS PROVIDED IN 2.A.1 AND 2.B. STABILIZATION MEASURES SHALL BE INITIATED ON A DAILY BASIS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, OR ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.

WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

DESCRIPTION OF STABILIZATION PRACTICES:

1. DUST CONTROL WILL BE ACCOMPLISHED USING WATERING TRUCKS AS DIRECTED BY THE ENGINEER.
2. TEMPORARY STABILIZATION WITH STRAW MULCH WILL BE USED TO STABILIZE CONSTRUCTION AREAS WHERE CONSTRUCTION ACTIVITY IS HALTED FOR MORE THAN 14 DAYS. OR AREAS WHERE THE FINAL GRADE HAS BEEN REACHED BUT CANNOT BE PERMANENTLY STABILIZED DUE TO THE PLANTING SEASON RESTRICTIONS OF THE PERMANENT STABILIZATION. THIS SHALL BE EITHER BLOWN STRAW WITH A TACKIFIER OR CRIMPED IN, ON STEEP SLOPES.
3. EROSION CONTROL BLANKET WILL BE USED TO STABILIZE THE CONSTRUCTION AREAS WHERE THE FINAL GRADE HAS BEEN REACHED BUT CANNOT BE PERMANENTLY STABILIZED OR TREATED WITH TEMPORARY STABILIZATION WITH STRAW MULCH DUE TO THE PLANTING SEASON RESTRICTIONS.
4. TEMPORARY FENCING AND PERIMETER EROSION BARRIER, ROLLED EXCELSIOR WILL BE PLACED ALONG TREE STANDS TO BE PRESERVED AND TO PREVENT THE BUILD UP OF SEDIMENT ON TOP OF THE TREE ROOTS.
5. WATERS OF THE U.S. AND WETLANDS WITHIN OR ADJACENT TO THE PROJECT WILL BE PROTECTED WITH CONSTRUCTION FENCE AND PERIMETER EROSION BARRIER, ROLLED EXCELSIOR.
6. SHEET FLOWS EXITING THE SITE WILL ENCOUNTER SEDIMENT CONTROL, SILT FENCE.
7. PUMPING BASINS AND SUMP PITS WILL BE CONSTRUCTED AT ALL LOCATIONS WHERE THE WATER IS PUMPED. RIPRAP WILL BE CONSTRUCTED AT THE INTAKE HOSE AND DISCHARGE HOSE. PUMPING WILL ONLY BE PERMITTED AT THESE LOCATIONS.
8. TEMPORARY AGGREGATE BERMS WILL BE USED TO SLOW SHEET FLOWS AND CONTROL SOIL EROSION.
9. STABILIZED CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR EXITS THE SITE.
10. STOCKPILES THAT ARE TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL HAVE SOIL EROSION AND SEDIMENT CONTROL PROVIDED. AT A MINIMUM, SEDIMENT CONTROL, SILT FENCE WILL BE PLACED AROUND THE BOTTOM OF THE STOCKPILE.
11. TEMPORARY STREAM CROSSINGS WILL NOT BE ALLOWED, EXCEPT AS PROVIDED FOR IN THE U.S. ARMY CORP OF ENGINEERS 404 PERMIT.

**ii) STRUCTURAL PRACTICES:**

PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS, LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

1. INITIAL CONSTRUCTION (PRE-STAGE I) (SEE STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION STAGING FOR MORE DETAILS.)

- \* INSTALLATION OF TEMPORARY FENCE AND PERIMETER EROSION BARRIER, ROLLED EXCELSIOR ALONG TREE STANDS TO BE PRESERVED, WATERS OF THE U.S. AND WETLANDS
- \* CONSTRUCTION OF VEGETATIVE BUFFERS AS SHOWN ON THE PLANS
- \* REMOVE TREES, BUILDINGS AND OTHER STRUCTURES

2. DURING CONSTRUCTION (STAGE I TO II)

- \* CLEAR SITE
- \* CONSTRUCT PUMPING BASINS
- \* COMPLETE EARTHWORK AND STORM SEWER INSTALLATION; CONSTRUCTION OF THE PERMANENT SOIL EROSION AND SEDIMENT CONTROL ITEMS
- \* COMPLETE PERMANENT OR TEMPORARY SOIL STABILIZATION
- \* REMOVE TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES

3. POST CONSTRUCTION

- \* MAINTENANCE OF VEGETATION AND PLANTINGS

**B. STORM WATER MANAGEMENT**

PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL THE POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER THE CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

- i) THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF TECHNICAL GUIDANCE CONTAINED IN THE IEPA'S ILLINOIS URBAN MANUAL AND OTHER ORDINANCES LISTED IN THE SPECIFICATIONS. THE STORM WATER POLLUTANT CONTROL MEASURES SHALL INCLUDE:

1. RIPRAP APRONS AT FLARED END SECTIONS
2. PIPE RESTRICTORS AND WEIRS IN DETENTION POND OUTFALLS
3. ROCK CHECK DAMS (LEAKY BERMS) BETWEEN COMPENSATORY STORAGE AREAS
4. AGGREGATE BERMS ALONG NEW STEARNS ROAD EMBANKMENT
5. PERMANENT VEGETATION AND PLANTINGS

- ii) VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL, PHYSICAL, AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (I.E., MAINTENANCE OF HYDROLOGIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES). STORM WATER MANAGEMENT CONTROL INCLUDES:

1. RIPRAP APRONS AT FLARED END SECTIONS
2. AGGREGATE DITCH CHECKS
3. LEVEL SPREADER
4. PERMANENT VEGETATION

**C. OTHER CONTROLS:**

- i) **NON HAZARDOUS WASTE DISPOSAL:** THE SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS, MACHINERY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO ACQUIRE ANY PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON-SITE WILL NOT BE PERMITTED. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE U.S., EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

- ii) **HAZARDOUS WASTE DISPOSAL:** SHALL CONFORM TO THE IDOT SPECIAL PROVISION.

- iii) **SANITARY WASTE DISPOSAL:** THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH THE APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEM REGULATIONS. THE CONTRACTOR SHALL NOT CREATE OR ALLOW UNSANITARY CONDITIONS.

- iv) **OFF-SITE VEHICLE TRACKING:** EACH SITE SHALL HAVE ONE OR MORE STABILIZED CONSTRUCTION ENTRANCES IN CONFORMANCE WITH THE PLAN DETAILS. WHERE THE CONTRACTOR'S EQUIPMENT IS OPERATED ON ANY PORTION OF THE TRAVELED SURFACE OR STRUCTURES USED BY TRAFFIC ON OR ADJACENT TO THE PROJECT, THE CONTRACTOR SHALL CLEAN (NOT FLUSHING OF) THE TRAVELED SURFACE OF ALL DIRT AND DEBRIS AT THE END OF EACH DAY'S OPERATIONS OR MORE FREQUENTLY IF DIRECTED BY THE ENGINEER.

- v) **DEWATERING DEVICES:** IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM SOIL EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH A SUMP PIT INTO A PUMPING BASIN.

- vi) **SITE CLEANUP:** TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM THE DISPOSITION OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER SOIL EROSION AND SEDIMENTATION.

**D. APPROVED COUNTY, STATE, OR LOCAL PLANS:**

THE MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS CONTAINED IN THIS PLAN ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL STANDARDS AND SPECIFICATIONS. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE BELOW. REQUIREMENTS SPECIFIED IN SOIL EROSION AND SEDIMENT CONTROL PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS, OR SITE PERMITS APPROVED BY COUNTY, STATE, OR LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF A NOTICE OF INTENT (NOI), INCORPORATED AND ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

THE SOIL EROSION AND SEDIMENT CONTROL FOR THIS SITE MUST MEET THE REQUIREMENTS OF THE FOLLOWING AGENCIES:

KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT  
KANE COUNTY DIVISION OF TRANSPORTATION  
KANE COUNTY FOREST PRESERVE DISTRICT  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
U.S. ARMY CORP OF ENGINEERS

**3. MAINTENANCE:**

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, SOIL EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN AND STANDARD SPECIFICATIONS:

THE CONTRACTOR WILL ASSIGN A SOIL EROSION AND SEDIMENT CONTROL MANAGER (SESCM) TO THE PROJECT. HIS DUTIES WILL BE TO SUPERVISE THE MAINTENANCE OF THE SOIL EROSION AND SEDIMENT CONTROL MEASURES AND IMPLEMENTATION OF THIS PLAN.

THE FOLLOWING SHALL BE THE MINIMUM MAINTENANCE REQUIRED:

A. VEGETATIVE SOIL EROSION MEASURES – THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, VEGETATIVE FILTERS, ETC., SHALL BE MAINTAINED PERIODICALLY AND SUPPLIED ADEQUATE WATERING AND FERTILIZER. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEEDED AS NECESSARY.

B. PUMPING BASINS SHALL BE CLEANED OF SEDIMENT WHEN THE SEDIMENT HAS REACHED A DEPTH OF 50% OF THE HEIGHT OF THE AGGREGATE BERM.

C. SEDIMENT CONTROL, SILT FENCE WILL BE EXAMINED REGULARLY AND REPAIRED AS NECESSARY. SEDIMENT SHALL BE REMOVED WHEN IT REACHES A HEIGHT EQUAL TO 50% OF THE HEIGHT OF THE BARRIER.

D. TEMPORARY SEEDING FOR EROSION CONTROL WILL BE REPAIRED WHEN BARE STOPS AND WASHOUT OCCUR.

E. STABILIZED CONSTRUCTION ENTRANCES SHALL HAVE SEDIMENT BUILD UP REMOVED AS NECESSARY.

**4. INSPECTIONS:**

THE ENGINEER WILL BE RESPONSIBLE FOR CONDUCTING SOIL EROSION AND SEDIMENT CONTROL INSPECTIONS. THE CONTRACTOR'S SESCO SHALL BE NOTIFIED WHEN THE INSPECTIONS ARE TO TAKE PLACE AND IS EXPECTED TO BE PRESENT DURING THE INSPECTIONS. A MAINTENANCE INSPECTION REPORT WILL BE COMPLETED AFTER EACH INSPECTION. A COPY OF THE REPORT IS TO BE COMPLETED BY THE INSPECTOR AND STORED ON-SITE WITH A COPY GIVEN TO THE CONTRACTOR.

THE INSPECTION SHALL INCLUDE ALL DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED, THE STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND ALL MAJOR OUTFALLS. SUCH INSPECTION SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAIN STORM (OR EQUIVALENT SNOWFALL) THAT IS 0.5 INCHES OR GREATER. DEPTH OF RAIN FALL WILL BE DETERMINED BY AN ON-SITE RAIN GAUGE. THE ENGINEER SHALL READ THE RAIN GAUGE DAILY AND AFTER EACH RAIN STORM.

A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND WATERWAYS. SOIL EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. IF REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF THE COMPLETION OF THE INSPECTION REPORT. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER THE MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE, THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTION SHALL BE IMPLEMENTED WITHIN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTION TAKEN IN ACCORDANCE WITH SECTION 4.B SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE YEARS AFTER THE DATE OF INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G OF THE GENERAL PERMIT.

FILE NAME = SWP_070793_01.SHT	USER NAME = dvrmond	DESIGNED - PDK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - DJV	REVISED -			361	06-00214-20-BR	KANE	320	49	
		CHECKED - PDK	REVISED -			CONTRACT NO.					
		DATE = 1/15/2009	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						SCALE: NTS	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.		

D. IF ANY VIOLATIONS OF THE PROVISIONS OF THIS PLAN ARE IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE ENGINEER SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ABOUT THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NON COMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI.G OF THE GENERAL PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF WATER POLLUTION CONTROL  
COMPLIANCE ASSURANCE SECTION #19  
1021 NORTH GRAND EAST  
P.O. BOX 19276  
SPRINGFIELD, IL 62794-9276

5. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT MAY BE COMBINED WITH STORM WATER DISCHARGES ARE TREATED BY THE MEASURES INCLUDED IN THIS PLANS. THESE SOURCES INCLUDE THE FOLLOWING:

- \* WATER USED TO WASH VEHICLES
- \* WATER USED TO CONTROL DUST
- \* PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS SPILLED MATERIALS HAVE BEEN REMOVED)
- \* IRRIGATION DITCHES
- \* UNCONTAMINATED GROUND WATER
- \* FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS

6. INVENTORY FOR POLLUTION PREVENTION PLAN:

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ON SITE DURING CONSTRUCTION.  
(TABLE TO BE FILLED IN BY CONTRACTOR)


7. SPILL PREVENTION - MATERIAL MANAGEMENT PRACTICES:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF.

GOOD HOUSEKEEPING:

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON SITE DURING THE CONSTRUCTION PROJECT:

- \* AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
- \* ALL MATERIALS STORED ON SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
- \* PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
- \* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- \* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON SITE.
- \* WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
- \* MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

HAZARDOUS PRODUCTS:

THESE PRACTICES ARE USED TO REDUCE THE RISK ASSOCIATED WITH HAZARDOUS MATERIALS:

- \* PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
- \* ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED.
- \* IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

SPILL CONTROL PRACTICES:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

- \* MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
- \* MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
- \* ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
- \* THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH HAZARDOUS SUBSTANCES.
- \* SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF SIZE.
- \* THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM RECURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- \* THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAY-TO-DAY OPERATIONS AND WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE AT LEAST TWO OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL, LISTED BELOW, WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

EPA SPILL RESPONSE # (217) 782-3637

NAME: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_

NAME: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_

KANE-DUPAGE SOIL & WATER CONSERVATION DISTRICT STANDARD NOTES:

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTD ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.

THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION. TELEPHONE: (630) 584-7961 EXT. 3

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.

DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES, THE FOX RIVER, OR STORMWATER STRUCTURES IS PROHIBITED.

ALSO, PLEASE ADD NOTE TO STATE THAT, IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.

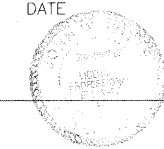
NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHOULD BE DIVERTED AROUND THE WORK AREA OR ISOLATED FROM STREAM FLOWS USING A NON-ERODABLE COFFER DAM. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS. THE KDSWCD MUST BE IN AGREEMENT WITH OVERALL EXACT METHOD OF DIVERSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. (CRITICAL AREAS FOR THIS PROJECT INCLUDE THE NORTH AND SOUTH INLETS FROM THE FOX RIVER AND BREWSTER CREEK.)

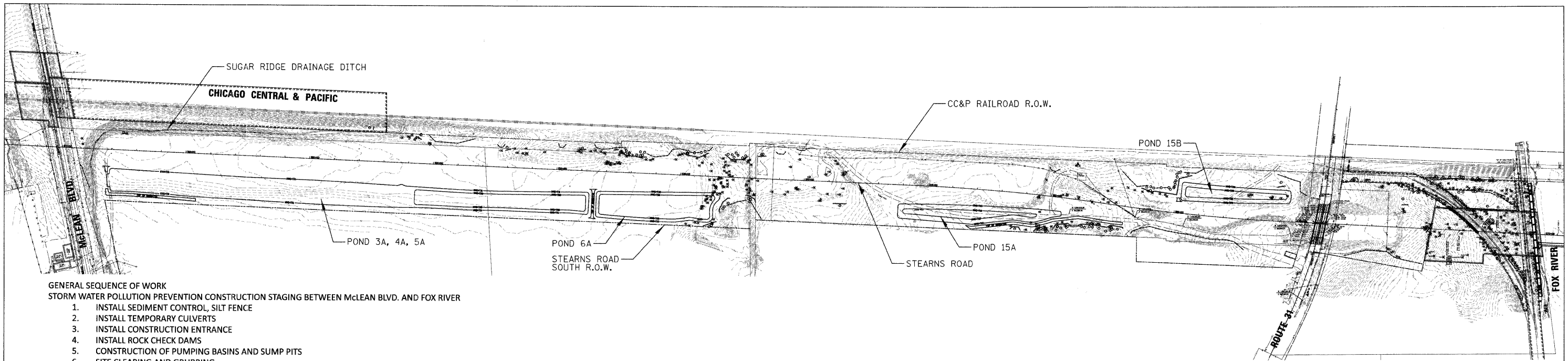
THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

John W Witte SENIOR PROJECT MANAGER 2/26/09  
SIGNATURE TITLE DATE

CHRISTOPHER B BURKIS ENGINEERING WEST CO. COMPANY





- GENERAL SEQUENCE OF WORK**  
**STORM WATER POLLUTION PREVENTION CONSTRUCTION STAGING BETWEEN McLEAN BLVD. AND FOX RIVER**
1. INSTALL SEDIMENT CONTROL, SILT FENCE
  2. INSTALL TEMPORARY CULVERTS
  3. INSTALL CONSTRUCTION ENTRANCE
  4. INSTALL ROCK CHECK DAMS
  5. CONSTRUCTION OF PUMPING BASINS AND SUMP PITS
  6. SITE CLEARING AND GRUBBING
  7. COMPLETE EARTHWORK AND INSTALL STORM SEWER
  8. CONSTRUCT THE PERMANENT SOIL EROSION AND SEDIMENT CONTROL ITEMS. GRAVITY STORM SEWER OUTLETS SHALL BE BLOCKED UNTIL PERMANENT SOIL STABILIZATION HAS OCCURRED.
  9. COMPLETE THE PERMANENT SOIL STABILIZATION
  10. REMOVE THE TEMPORARY SOIL EROSION AND SEDIMENT CONTROL ITEMS AND PUMPING BASINS AND SUMP PITS.

**CONSTRUCTION OF PUMPING BASINS & SUMP PITS**  
 COMPLETE GRADING FOR POND 3A, 4A, 5A, 6A, 15A & 15B  
 COMPLETE ENTRANCE AND STORM SEWER INSTALLATION, CONSTRUCT THE PERMANENT SOIL EROSION AND SEDIMENT CONTROL ITEMS. GRAVITY STORM SEWER OUTLETS SHALL BE BLOCKED UNTIL PERMANENT SOIL STABILIZATION HAS OCCURRED.

**CONSTRUCTION OF POND 3A, 4A, 5A SHALL INITIATE AT BEGINNING OF PROJECT.** SUGAR RIDGE DRAINAGE DITCH SHALL REMAIN IN IT'S EXISTING LOCATION DURING CONSTRUCTION AND PERMANENT STABILIZATION OF POND 3A, 4A, 5A.  
 UPON COMPLETION OF STEARNS ROAD CROSS ROAD CULVERT AT STA. 523+75 AND PERMANENT STABILIZATION OF POND 3A, 4A, 5A, SUGAR RIDGE DRAINAGE DITCH SHALL BE ROUTED THROUGH CULVERT AND POND 3A, 4A, 5A.  
 SITE CONDITIONS AND STAGE 2 CONSTRUCTION OF RAILROAD SHOOFLY SHALL DICTATE THE REMOVAL OF TEMPORARY CULVERT CROSSING AT STA. 511+25.

- STAGE I:**  
 COMPLETE WORK FOR THE CONSTRUCTION OF PONDS 3A, 4A, 5A
- STAGE II:**  
 COMPLETE WORK FOR THE CONSTRUCTION OF PONDS 6A, 15A & 15B

**NOTES FOR CONSTRUCTION STAGING:**

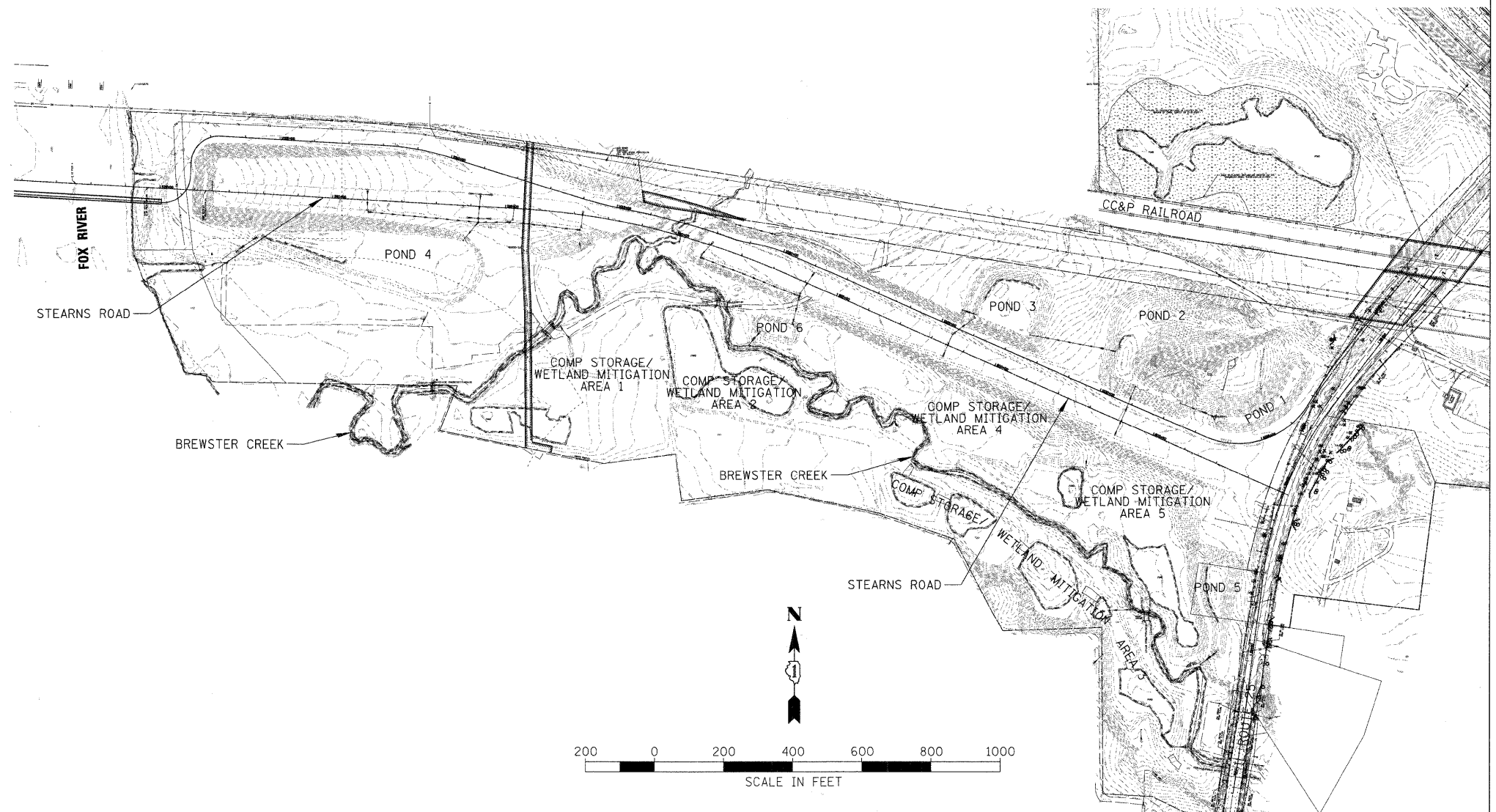
THE CONTRACTOR WILL BE PERMITTED TO BORROW AND/OR STOCKPILE IN AREAS OUTSIDE OF THE CURRENT STAGE OF CONSTRUCTION PROVIDED SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE PROVIDED AT THE BORROW OR STOCKPILE SITE: THE CONTRACTOR'S SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE APPROVED PRIOR TO WORK BEGINNING AT THE BORROW OR STOCKPILE SITE.

PUMPING BASINS SHALL BE CONSTRUCTED PRIOR TO BEGINNING CONSTRUCTION OF EACH DETENTION POND. THE BASIN SHALL NOT BE REMOVED UNTIL THE SOIL HAS BEEN STABILIZED. ALL WATER SHALL BE PUMPED DIRECTLY INTO A PUMPING BASIN FROM A SUMP LOCATED WITHIN THE WORK ZONE.

THE SOIL IN THE DOWNSTREAM DETENTION PONDS SHALL BE EITHER PERMANENTLY OR TEMPORARILY STABILIZED PRIOR TO STARTING ANY UPSTREAM CONSTRUCTION. THE TYPE OF STABILIZATION REQUIRED WILL BE BASED ON THE PLANTING SEASON FOR THE PERMANENT STABILIZATION METHOD SHOWN ON THE LANDSCAPING PLANS AND THE TIME OF YEAR WORK HAS BEEN COMPLETED. THE TYPE OF STABILIZATION WILL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.













PRIORITY SHALL BE GIVEN TO THE COMPLETION AND STABILIZATION OF THE SEDIMENT TRAPS AND PONDS. ONCE THE CONTRIBUTING AREA TO A POND IS STABILIZED, THE POND MAY NEED TO BE CLEANED OUT (EXCAVATED) TO RESTORE THE POND TO THE FINAL PROPOSED GRADE.

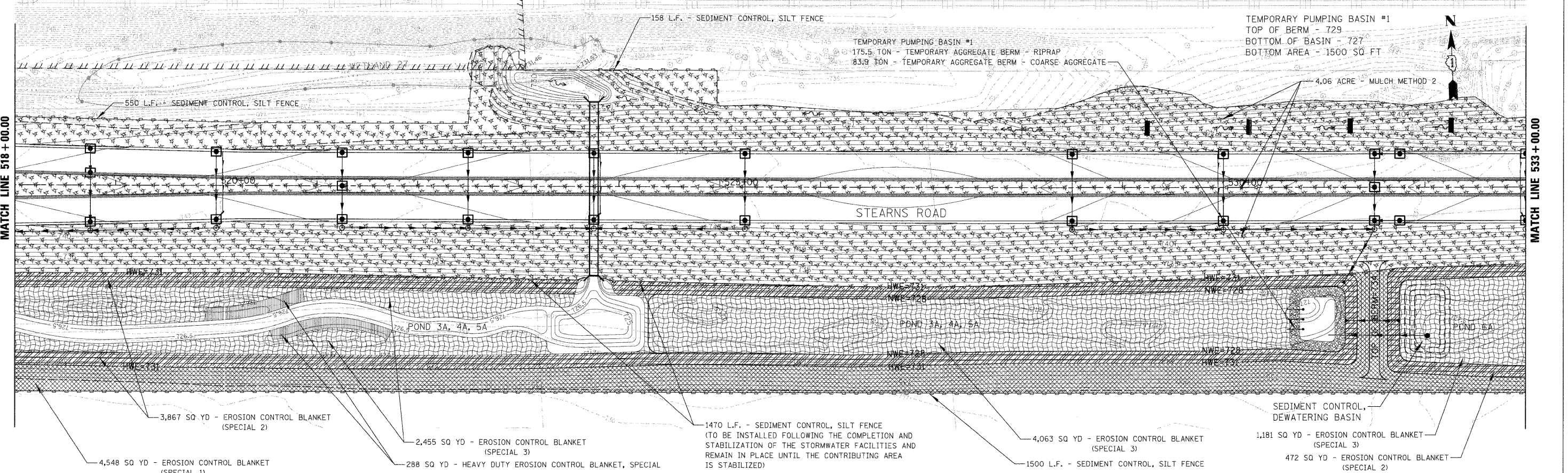
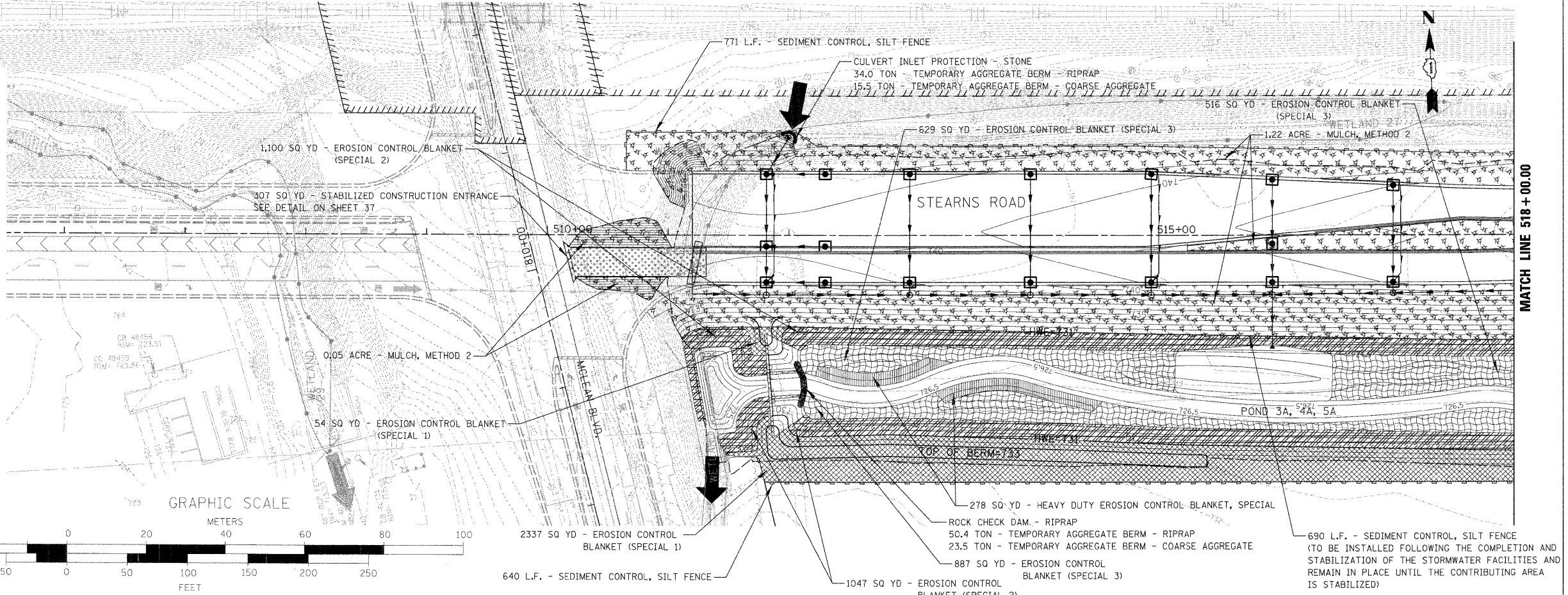
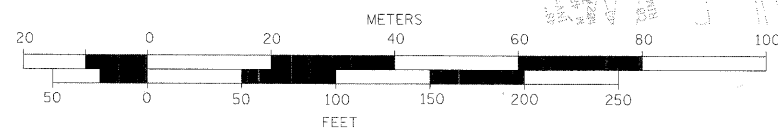
COMPLETED SECTIONS OF THE ROAD EMBANKMENT SHALL BE SEEDED AND MULCHED AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL AS DETERMINED BY THE ENGINEER. PERMANENT SEEDING SHALL BE USED WHEREVER POSSIBLE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDDED AT ONE TIME.



FILE NAME = SWP_070793_03.SHT	USER NAME = divrmond	DESIGNED - JWW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 51	
	PLDT SCALE = 200'	DRAWN - DJV	REVISED -		SCALE: 1"= 200'	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.	CONTRACT NO.				
	PLDT DATE = 1/15/2009	CHECKED - JWW	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE = 1/16/09	REVISED -									

**LEGEND:**

-  CULVERT INLET PROTECTION - STONE
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK, ROLLED EXCELSIOR
-  ROCK CHECK DAM - RIPRAP
-  INLET FILTERS
-  SEDIMENT CONTROL, SILT FENCE
-  EROSION CONTROL BLANKET (SPECIAL 1)
-  EROSION CONTROL BLANKET (SPECIAL 2)
-  EROSION CONTROL BLANKET (SPECIAL 3)
-  HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
-  MULCH, METHOD 2
-  FLOCCULATION LOG



FILE NAME = ECP\_070793\_01.SHT

USER NAME = dvrmond  
 PLOT SCALE = 50'  
 PLOT DATE = 1/14/2009

DESIGNED - MSK  
 DRAWN - DJV  
 CHECKED - JWJ  
 DATE - 1/16/09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

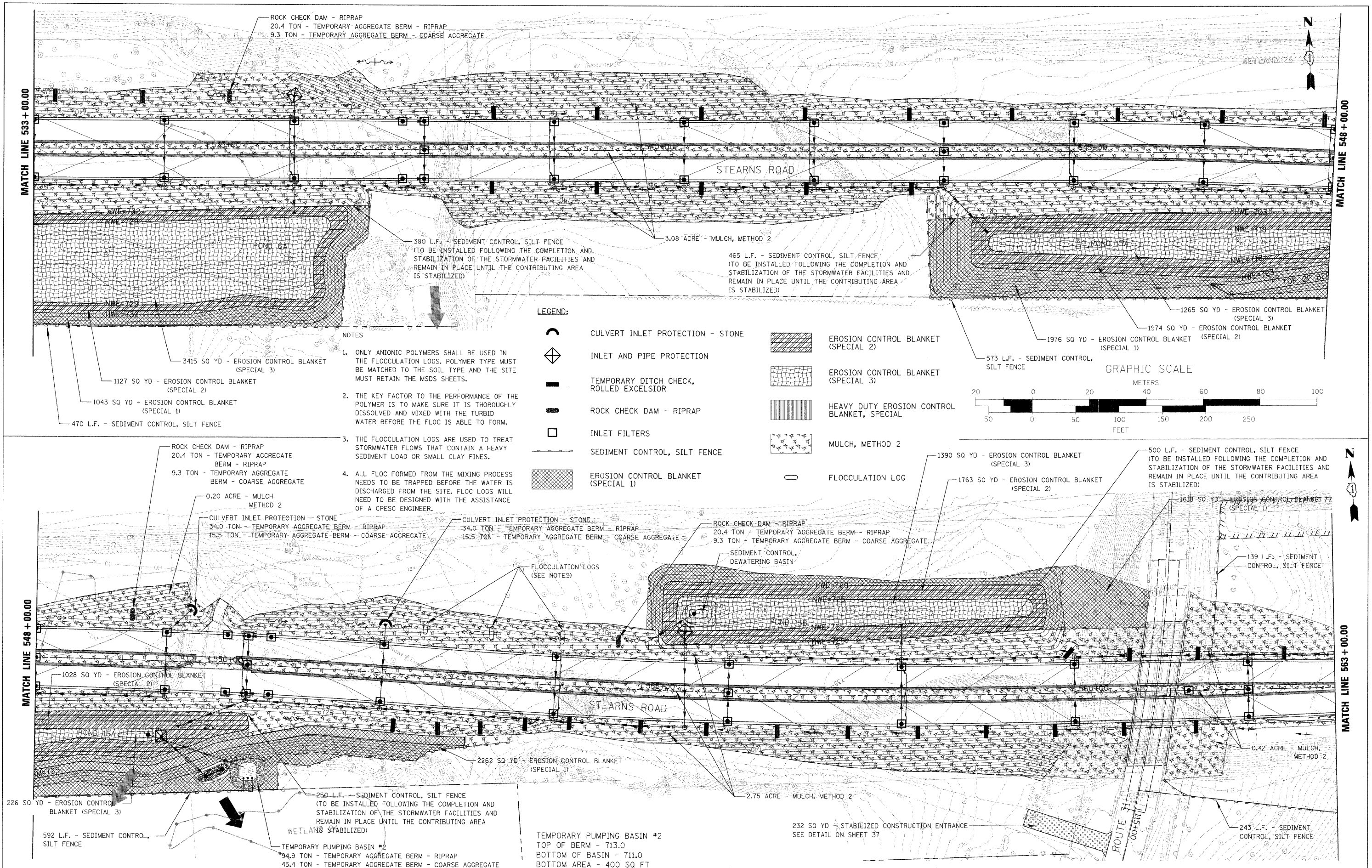
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STEARNS ROAD  
 EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1"= 50' SHEET NO. 1 OF 7 SHEETS STA. 503+00.00 TO STA. 533+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	52

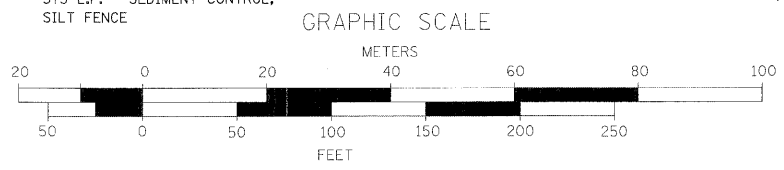
CONTRACT NO. ILLINOIS FED. AID PROJECT



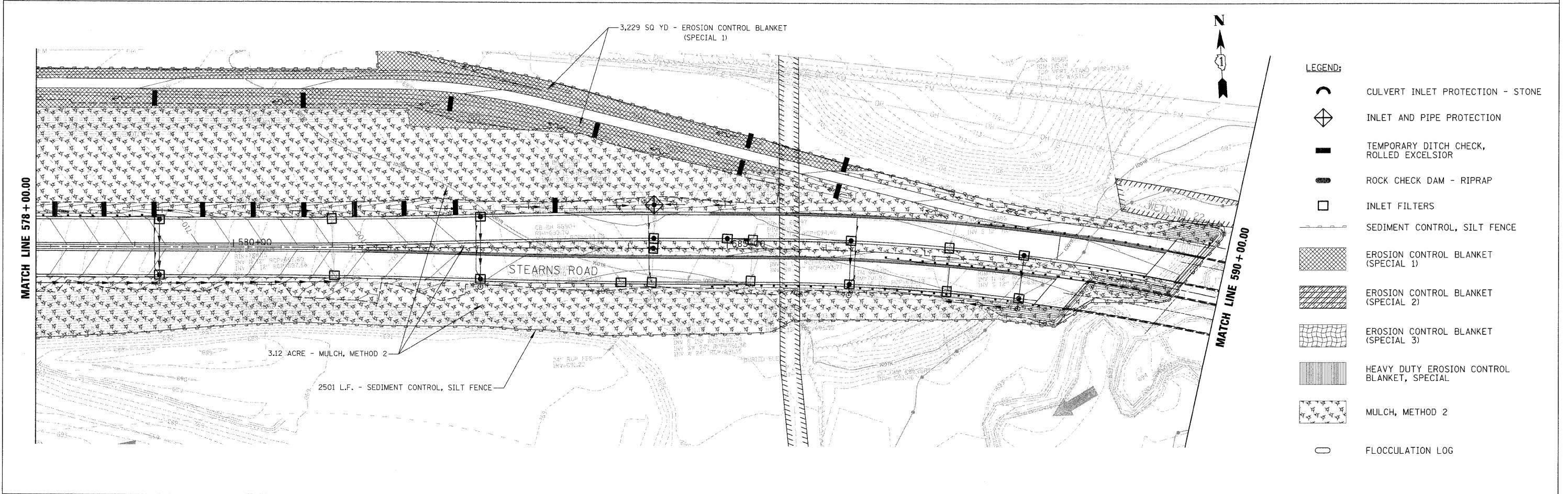
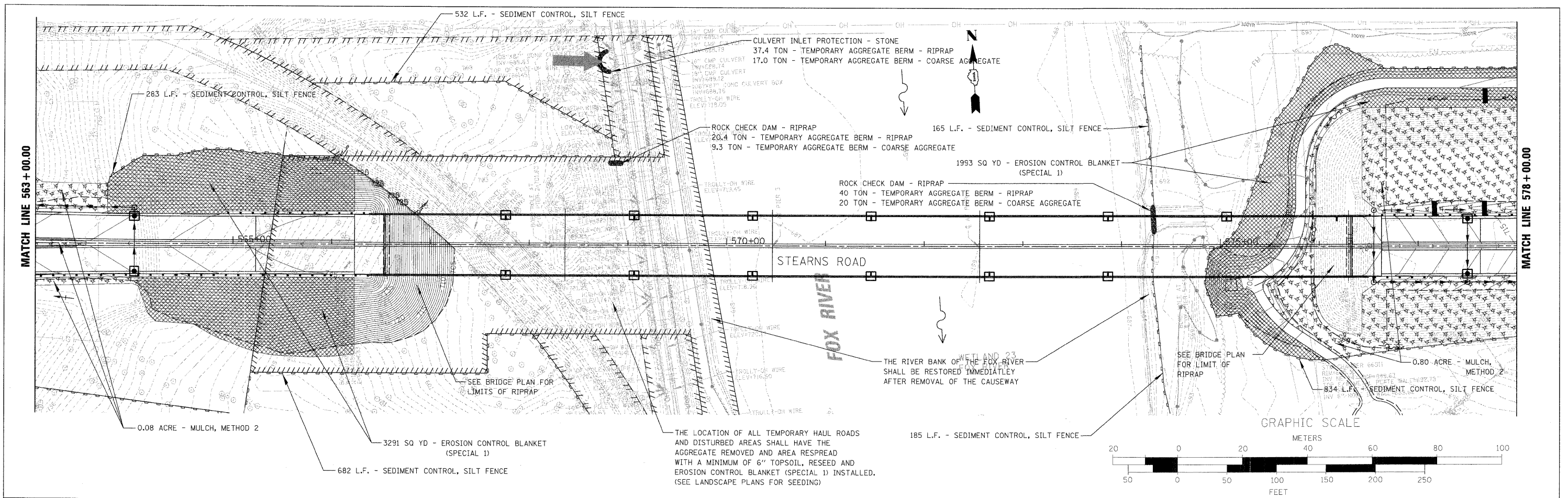
- NOTES**
1. ONLY ANIONIC POLYMERS SHALL BE USED IN THE FLOCCULATION LOGS. POLYMER TYPE MUST BE MATCHED TO THE SOIL TYPE AND THE SITE MUST RETAIN THE MSDS SHEETS.
  2. THE KEY FACTOR TO THE PERFORMANCE OF THE POLYMER IS TO MAKE SURE IT IS THOROUGHLY DISSOLVED AND MIXED WITH THE TURBID WATER BEFORE THE FLOC IS ABLE TO FORM.
  3. THE FLOCCULATION LOGS ARE USED TO TREAT STORMWATER FLOWS THAT CONTAIN A HEAVY SEDIMENT LOAD OR SMALL CLAY FINES.
  4. ALL FLOC FORMED FROM THE MIXING PROCESS NEEDS TO BE TRAPPED BEFORE THE WATER IS DISCHARGED FROM THE SITE. FLOC LOGS WILL NEED TO BE DESIGNED WITH THE ASSISTANCE OF A CPESC ENGINEER.

**LEGEND:**

	CULVERT INLET PROTECTION - STONE		EROSION CONTROL BLANKET (SPECIAL 2)
	INLET AND PIPE PROTECTION		EROSION CONTROL BLANKET (SPECIAL 3)
	TEMPORARY DITCH CHECK, ROLLED EXCELSIOR		HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
	ROCK CHECK DAM - RIPRAP		MULCH, METHOD 2
	INLET FILTERS		FLOCCULATION LOG
	SEDIMENT CONTROL, SILT FENCE		
	EROSION CONTROL BLANKET (SPECIAL 1)		

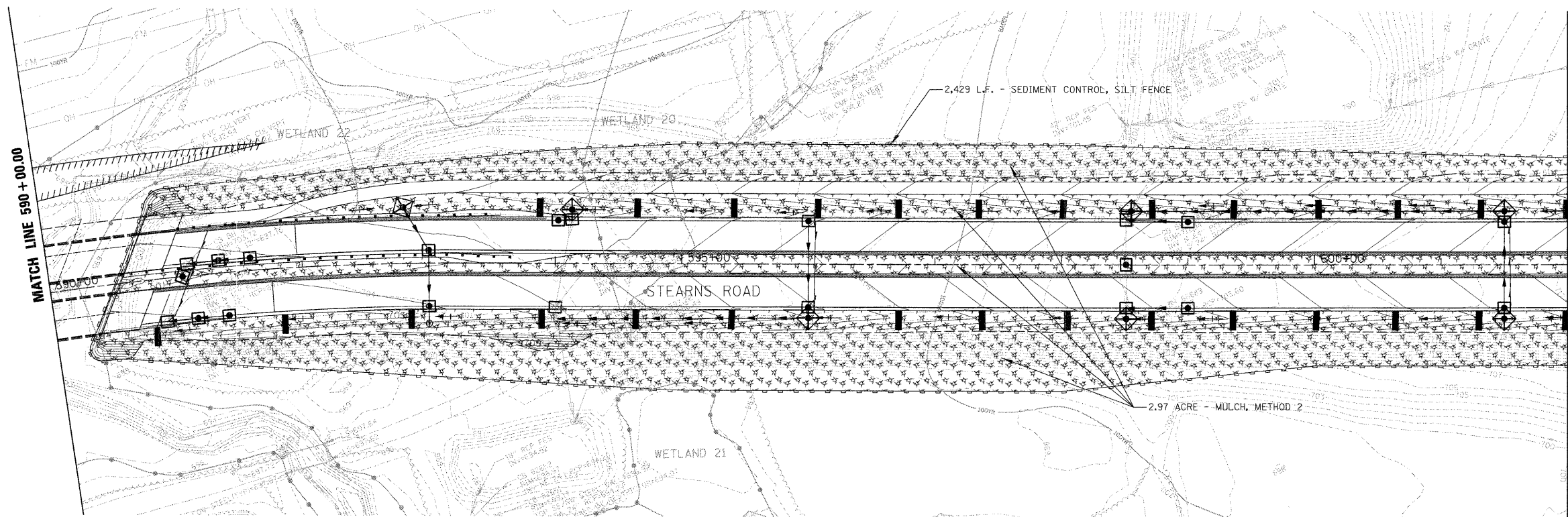


FILE NAME = ECP_070793_02.SHT		DESIGNED - MSK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>			<b>STEARNS ROAD EROSION AND SEDIMENT CONTROL PLAN</b>			F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 53	
USER NAME = dvrsmnd		DRAWN - DJV	REVISED -				SCALE: 1" = 50'			SHEET NO. 2 OF 7 SHEETS			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
PLOT SCALE = 50'		CHECKED - JWW	REVISED -				STA. 533+00.00 TO STA. 563+00.00			CONTRACT NO.					
PLOT DATE = 1/14/2009		DATE = 1/16/09	REVISED -												

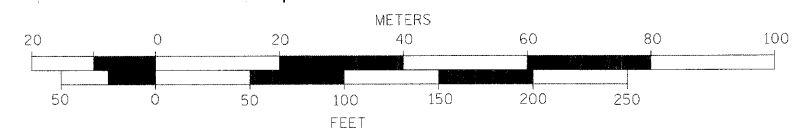


- LEGEND:**
- CULVERT INLET PROTECTION - STONE
  - INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK, ROLLED EXCELSIOR
  - ROCK CHECK DAM - RIPRAP
  - INLET FILTERS
  - SEDIMENT CONTROL, SILT FENCE
  - EROSION CONTROL BLANKET (SPECIAL 1)
  - EROSION CONTROL BLANKET (SPECIAL 2)
  - EROSION CONTROL BLANKET (SPECIAL 3)
  - HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
  - MULCH, METHOD 2
  - FLOCCULATION LOG

FILE NAME = ECP_070793_03.SHT	USER NAME = dvrmond	DESIGNED - MSK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>STEARNS ROAD</b> <b>EROSION AND SEDIMENT CONTROL PLAN</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 54
	PLOT SCALE = 50'	DRAWN - DJV	REVISED -		SCALE: 1"= 50'	SHEET NO. 3 OF 7 SHEETS	STA. 533+00.00 TO STA. 590+00.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 2/3/2009	CHECKED - JWW	DATE - 1/16/09	REVISED -	CONTRACT NO.							

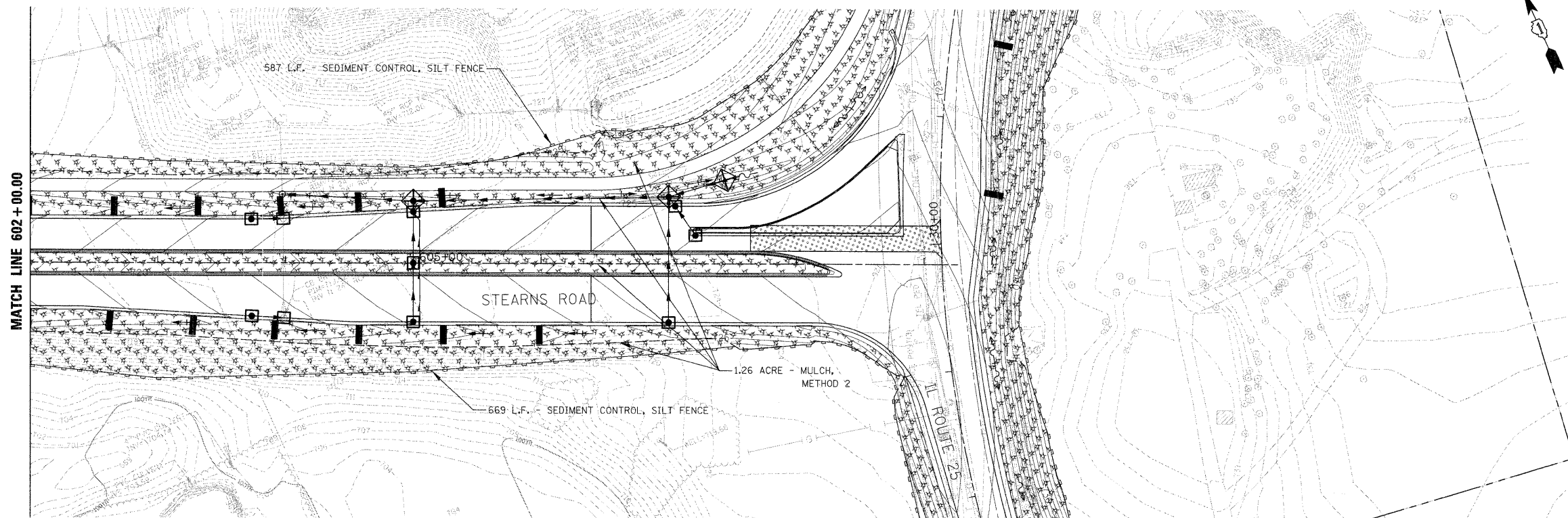


GRAPHIC SCALE



LEGEND:

- CULVERT INLET PROTECTION - STONE
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK, ROLLED EXCELSIOR
- ROCK CHECK DAM - RIPRAP
- INLET FILTERS
- SEDIMENT CONTROL, SILT FENCE
- EROSION CONTROL BLANKET (SPECIAL 1)
- EROSION CONTROL BLANKET (SPECIAL 2)
- EROSION CONTROL BLANKET (SPECIAL 3)
- HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
- MULCH, METHOD 2
- FLOCCULATION LOG



FILE NAME =  
ECP\_070793\_04.SHT

USER NAME = dvrmond

DESIGNED - MSK  
DRAWN - DJV

REVISOR -  
REVISOR -  
REVISOR -  
REVISOR -

PLOT SCALE = 50'  
PLOT DATE = 1/14/2009

CHECKED - JWV  
DATE - 1/16/09

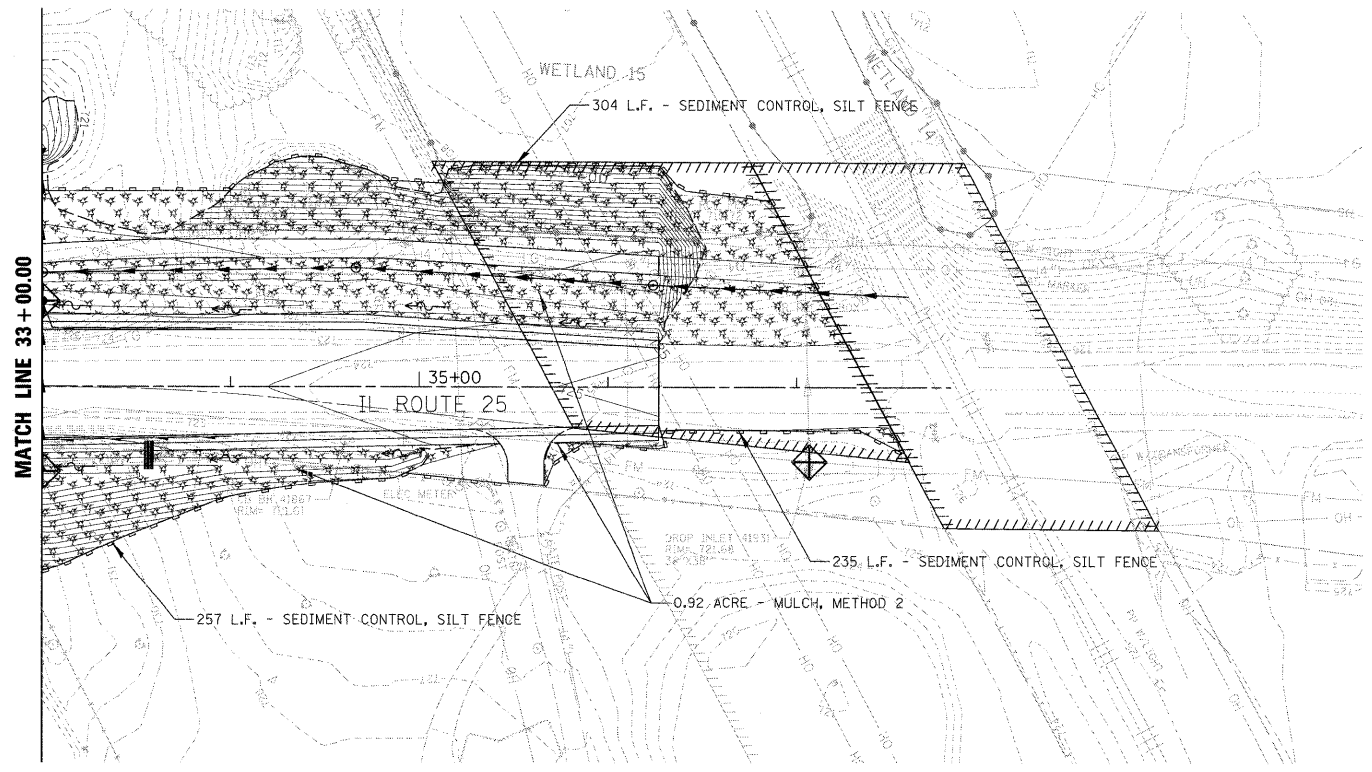
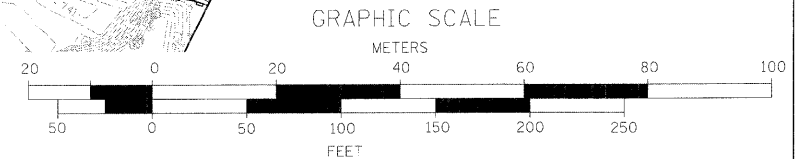
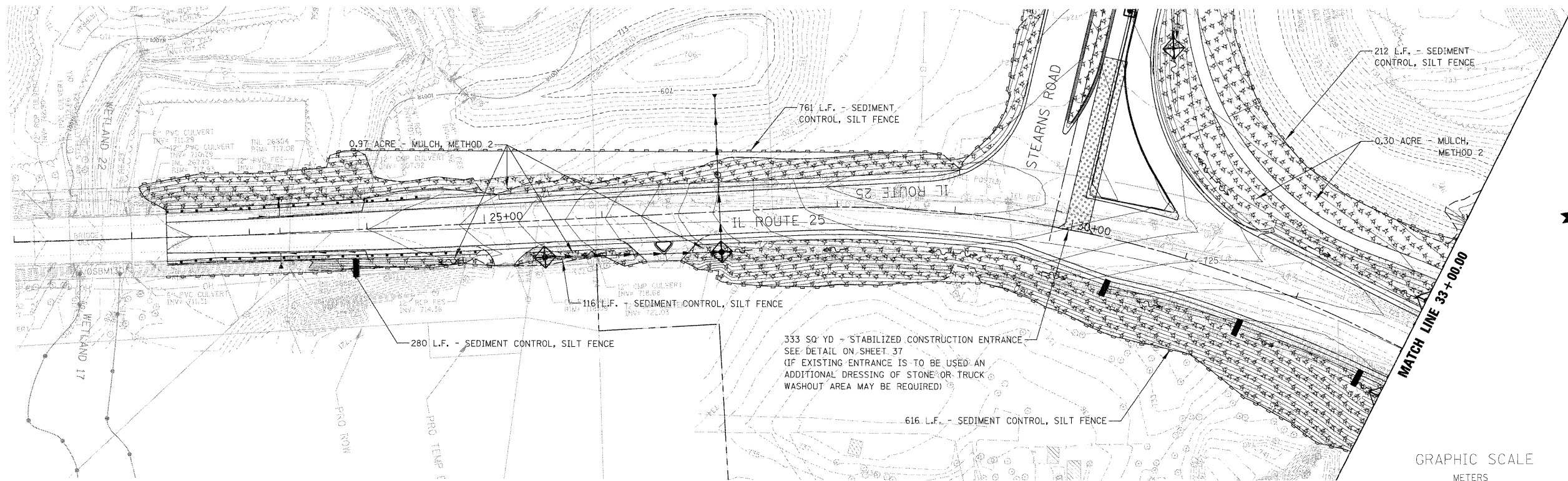
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STEARNS ROAD  
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1"= 50' SHEET NO. 4 OF 7 SHEETS STA. 590+00.00 TO STA. 609+26.95

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	55
CONTRACT NO.				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

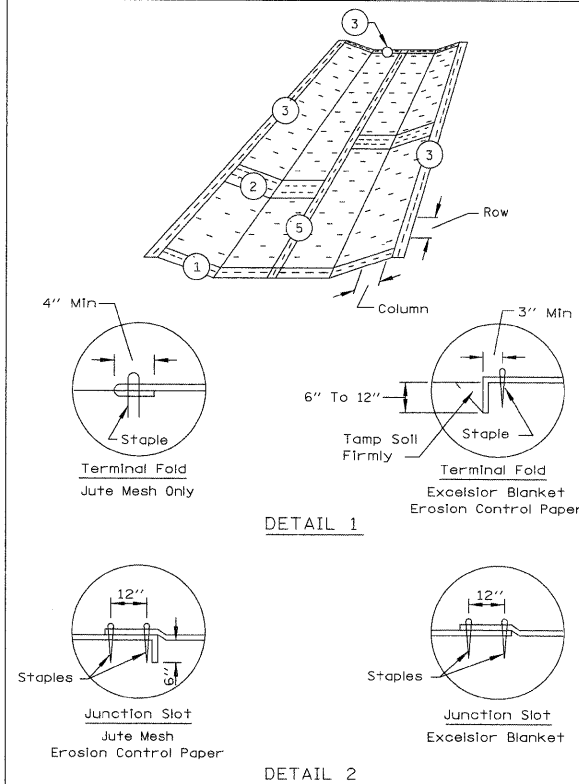


- LEGEND:**
- CULVERT INLET PROTECTION - STONE
  - INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK, ROLLED EXCELSIOR
  - ROCK CHECK DAM - RIPRAP
  - INLET FILTERS
  - SEDIMENT CONTROL, SILT FENCE
  - EROSION CONTROL BLANKET (SPECIAL 1)
  - EROSION CONTROL BLANKET (SPECIAL 2)
  - EROSION CONTROL BLANKET (SPECIAL 3)
  - HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
  - MULCH, METHOD 2
  - FLOCCULATION LOG

FILE NAME = ECP_070793 RTE25_01.SHT	USER NAME = dvrmond	DESIGNED - MSK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 25 EROSION AND SEDIMENT CONTROL PLAN</b>			F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 56
	PLOT SCALE = 50'	DRAWN - DJV	REVISED -		SCALE: 1"= 50'	SHEET NO. 5 OF 7 SHEETS	STA. 21+00.00 TO STA. 37+81.37	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 1/14/2009	CHECKED - JWW	DATE - 1/16/09	REVISED -	CONTRACT NO.								

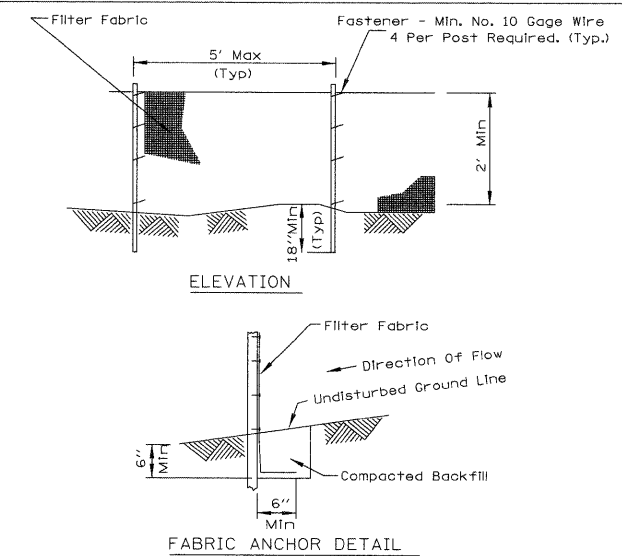


EROSION CONTROL BLANKET PLAN



REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-530</b> SHEET 1 OF 2 DATE 5-24-94
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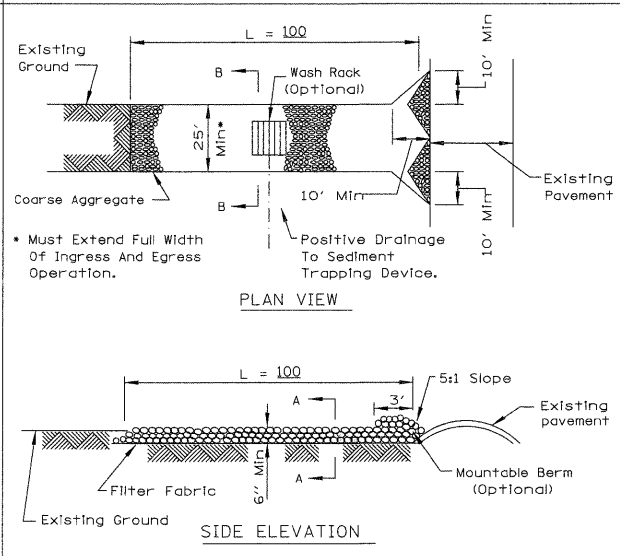
SEDIMENT CONTROL, SILT FENCE



NOTES:  
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.  
2. Filter fabric shall meet the requirements of material specification Article 1080.02.  
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-620</b> SHEET 1 OF 2 DATE 11-20-01
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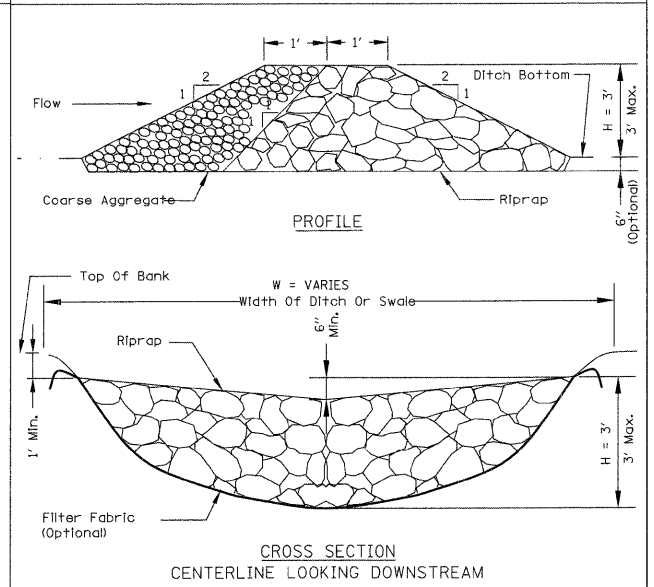
STABILIZED CONSTRUCTION ENTRANCE PLAN



NOTES:  
1. Filter fabric shall meet the requirements of material specification Article 1080.03.  
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to Article 281.4.  
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.  
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-630</b> SHEET 1 OF 2 DATE 8-18-94
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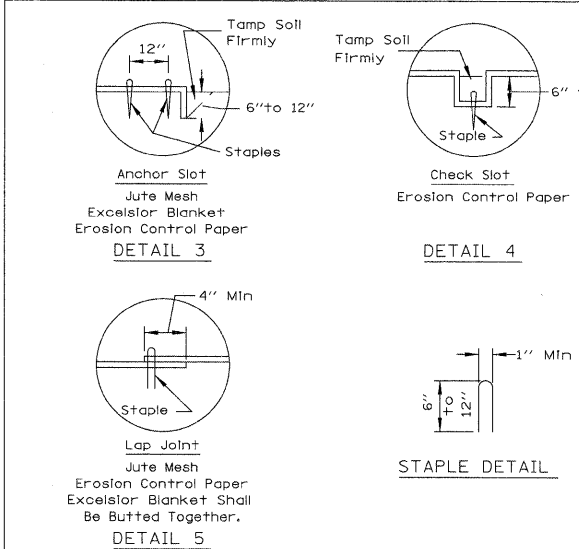
ROCK CHECK DAM - RIPRAP



NOTES:  
1. Filter fabric shall meet the requirements of material specification Article 1080.03.  
2. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4.  
3. Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A.  
4. Coarse aggregate and riprap shall be placed according to construction specification Article 281.04.  
5. For added stability, the base of the dam may be keyed 6 inches into the soil.  
6. See plans for spacing of dams and H dimensions.  
7. Maximum drainage area to each dam.  
8. ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.

REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-605R</b> SHEET 1 OF 1 DATE 1-29-99
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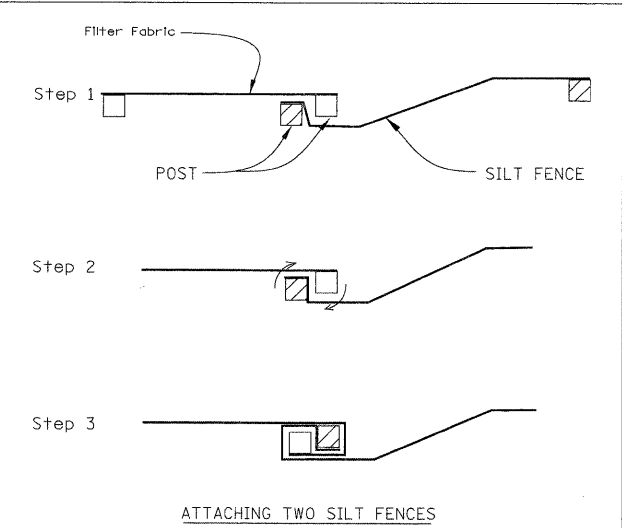
EROSION CONTROL BLANKET PLAN



NOTES:  
1. On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.  
2. Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4' x 225' roll of material and 125 staples are required per 4' x 150' roll of material.  
3. Erosion control material shall be placed loosely over ground surface. Do not stretch.  
4. All terminal ends and transverse laps shall be stapled at approximately 12" intervals.

REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-530</b> SHEET 2 OF 2 DATE 3-1-95
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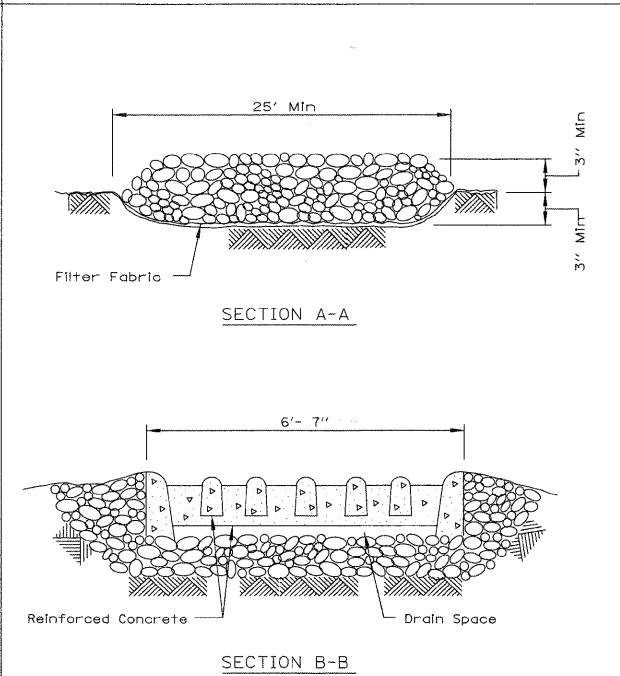
SEDIMENT CONTROL, SILT FENCE



NOTES:  
1. Place the end post of the second fence inside the end post of the first fence.  
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.  
3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

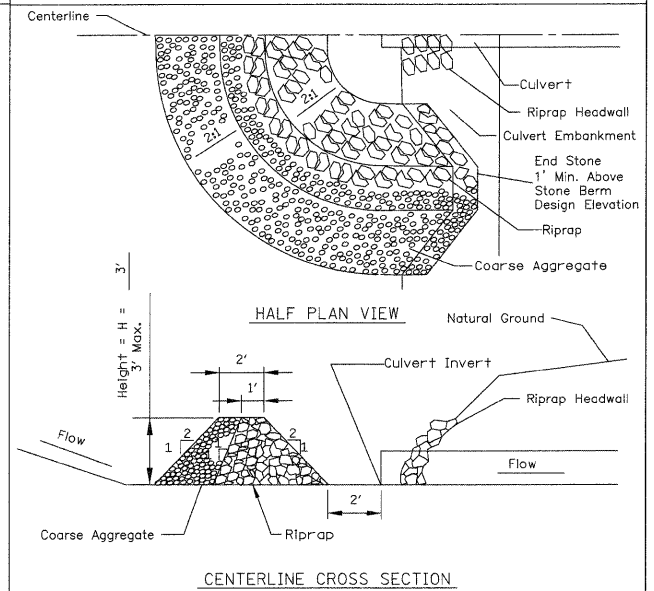
REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-620(W)</b> SHEET 2 OF 2 DATE 1-29-99
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STABILIZED CONSTRUCTION ENTRANCE PLAN



REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-630</b> SHEET 2 OF 2 DATE 8-18-94
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CULVERT INLET PROTECTION - STONE



NOTES:  
1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.  
2. Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.  
3. Riprap shall meet IDOT gradation RR-3 or RR-4.  
4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A.  
5. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.  
6. The maximum drainage area to the culvert being protected is 3 acres.  
7. See plans for H dimension. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

REFERENCE Project <b>NEW STEARNS ROAD</b> Designed <b>MSK</b> Date _____ Checked <b>JWW</b> Date _____ Approved _____ Date _____	<b>NRCS</b> Natural Resources Conservation Service	STANDARD DWG. NO. <b>IL-508ST</b> SHEET 1 OF 1 DATE 1-29-99
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FILE NAME = ECP-070793\_DETAILS\_01.SHT  
USER NAME = dvrmond  
PLOT SCALE = 50'  
PLOT DATE = 1/14/2009

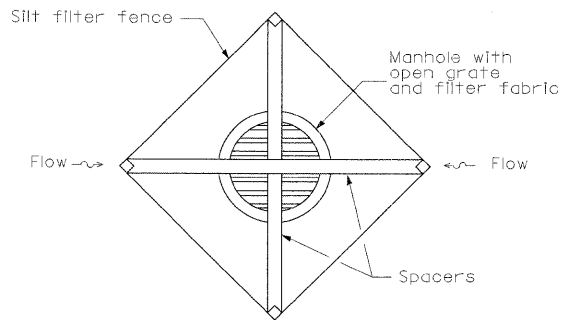
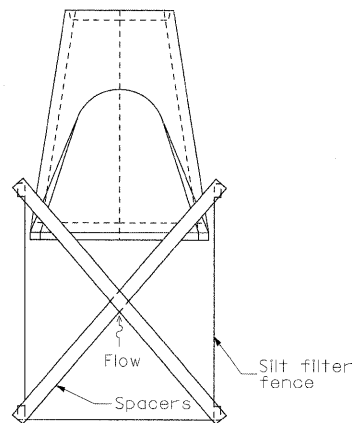
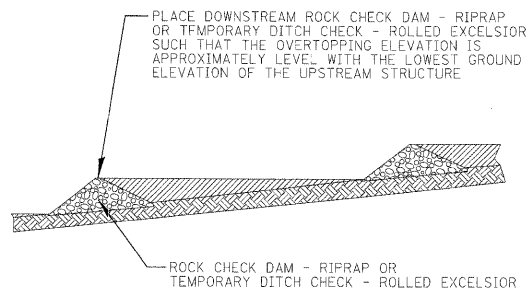
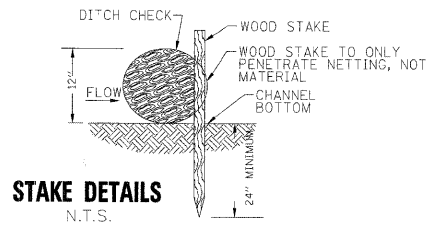
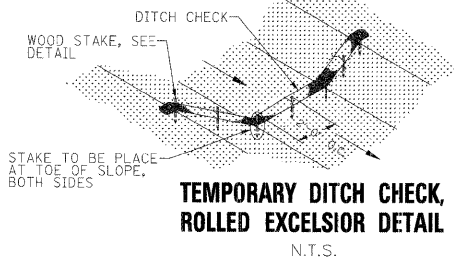
DESIGNED - MSK	REVISED -
DRAWN - DJV	REVISED -
CHECKED - JWW	REVISED -
DATE - 1/16/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

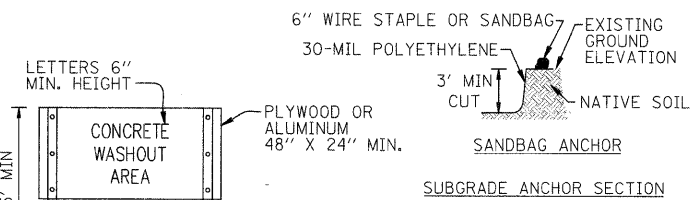
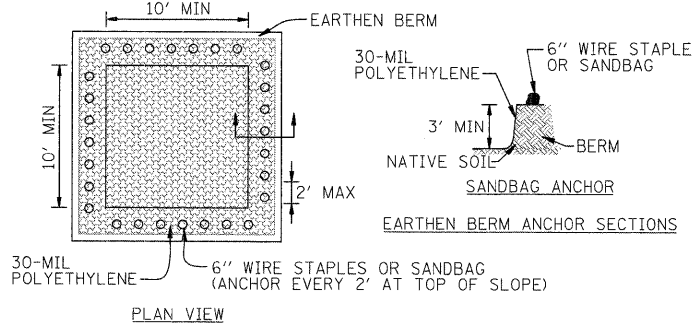
STEARNS ROAD  
EROSION AND SEDIMENT CONTROL DETAILS

SCALE: NTS SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 57
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**INLET AND PIPE PROTECTION DETAIL**  
N.T.S.

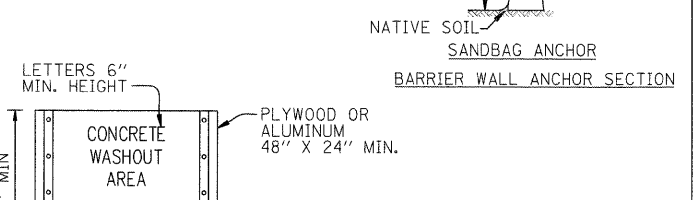
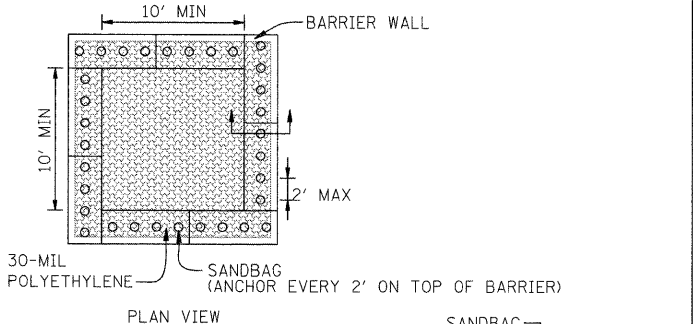


**SIGN DETAIL**

**NOTES:**

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

DESIGNED	MSK	DATE	1/16/09
DRAWN	DJV	DATE	1/16/09
CHECKED	JWW	DATE	1/16/09
DATE	1/16/09	REVISED	

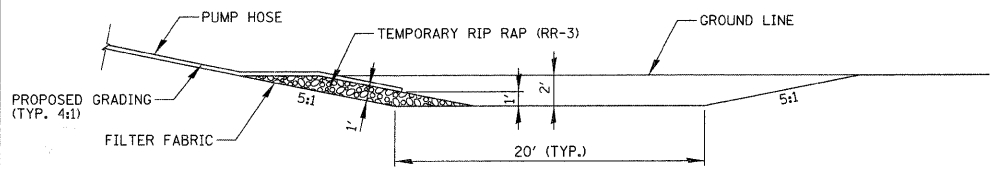
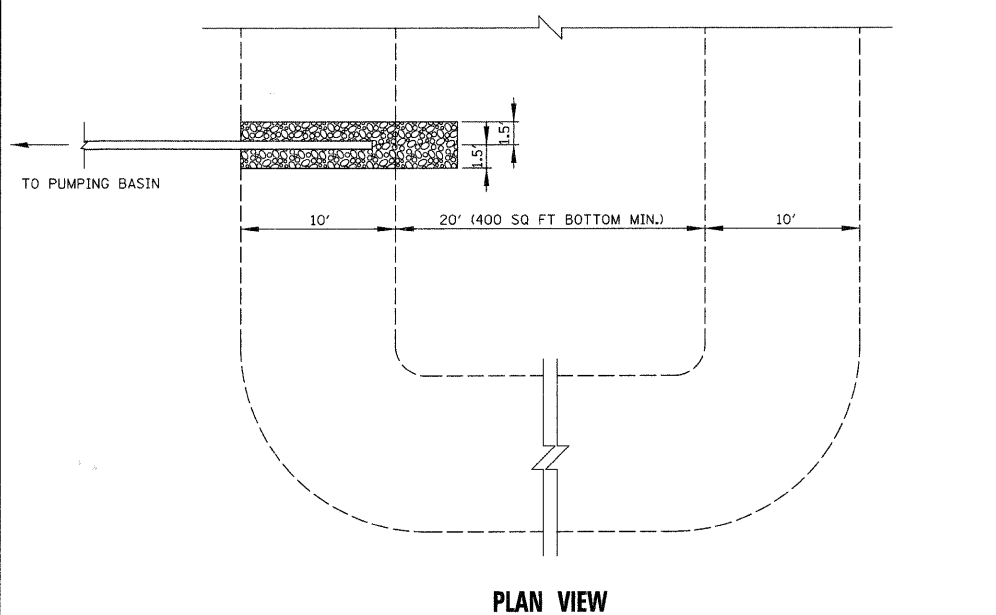


**SIGN DETAIL**

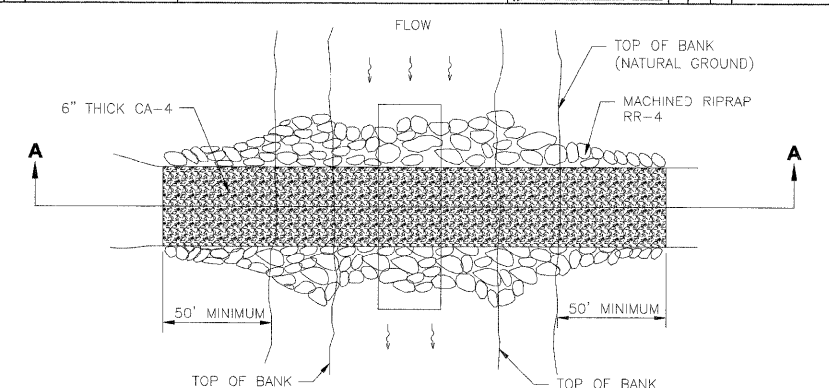
**NOTES:**

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

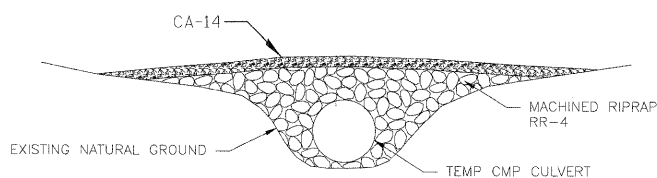
DESIGNED	MSK	DATE	1/16/09
DRAWN	DJV	DATE	1/16/09
CHECKED	JWW	DATE	1/16/09
DATE	1/16/09	REVISED	



**SECTION SEDIMENT CONTROL, DEWATERING BASIN**

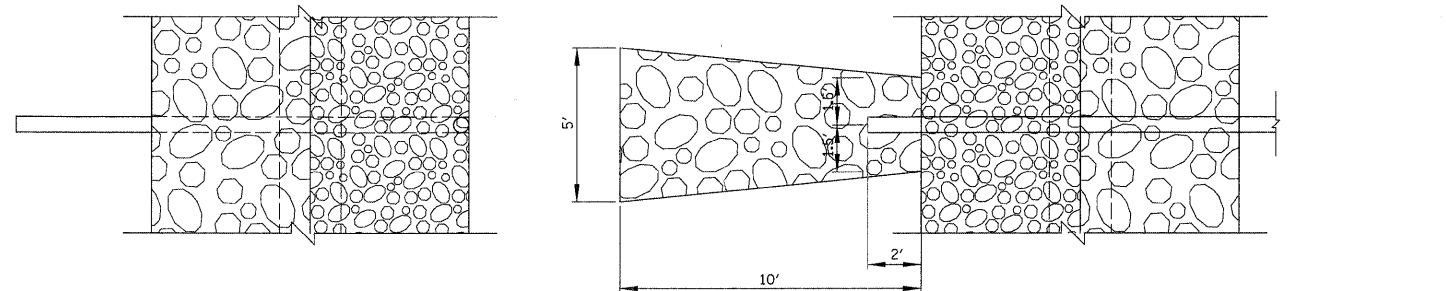


**PLAN VIEW OF TEMPORARY CULVERT STREAM CROSSING**

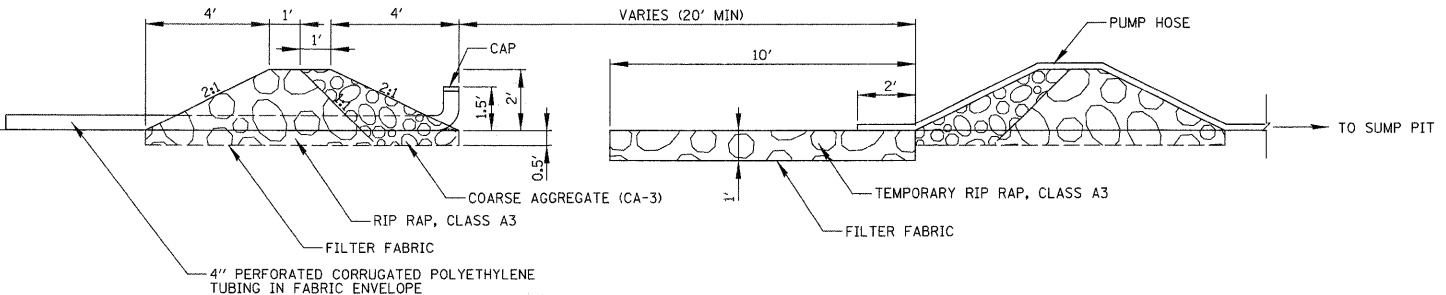


**SECTION A-A**

**TEMPORARY STREAM CROSSING**  
N.T.S.



**PLAN VIEW**



**SECTION TEMPORARY PUMPING BASIN DETAIL**

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STEARNS ROAD**  
**EROSION AND SEDIMENT CONTROL DETAILS**

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	58
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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ECP\_070793\_DETAILS\_02.SHT

USER NAME = davismond  
PLOT SCALE = 5/8"  
PLOT DATE = 1/14/2009

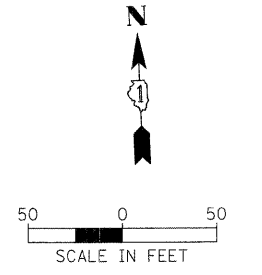
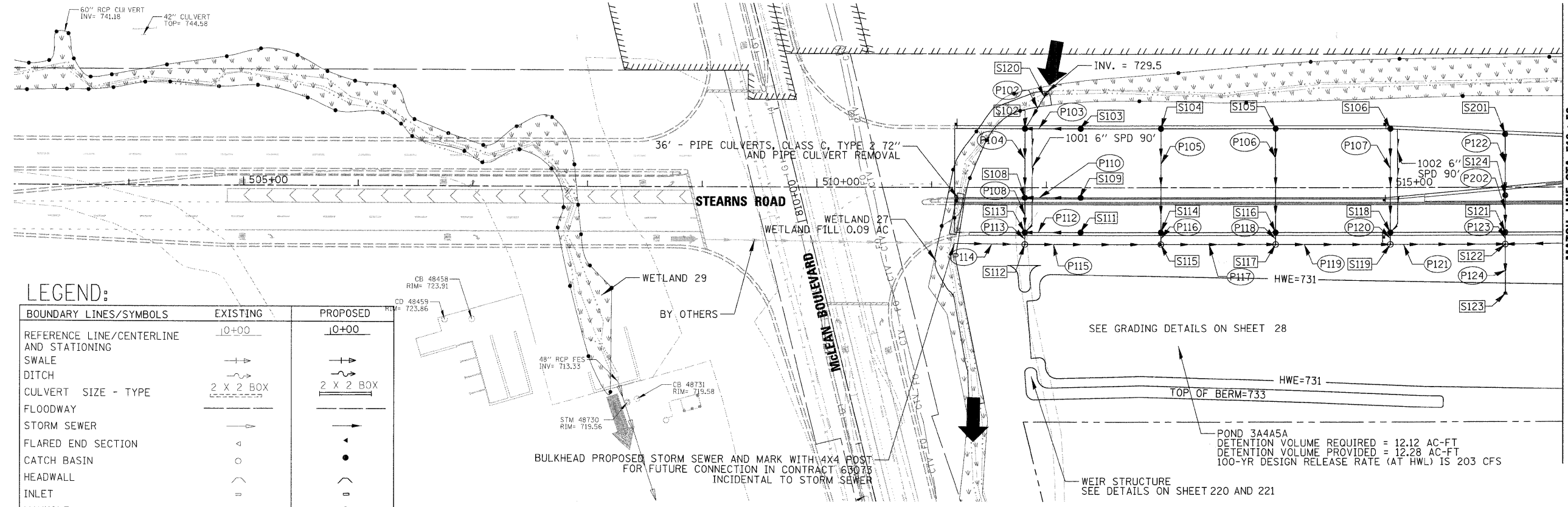
DESIGNED - MSK  
DRAWN - DJV  
CHECKED - JWW  
DATE - 1/16/09

REVISED -  
REVISED -  
REVISED -  
REVISED -

SCALE: NTS SHEET NO. 7 OF 7 SHEETS STA. TO STA.

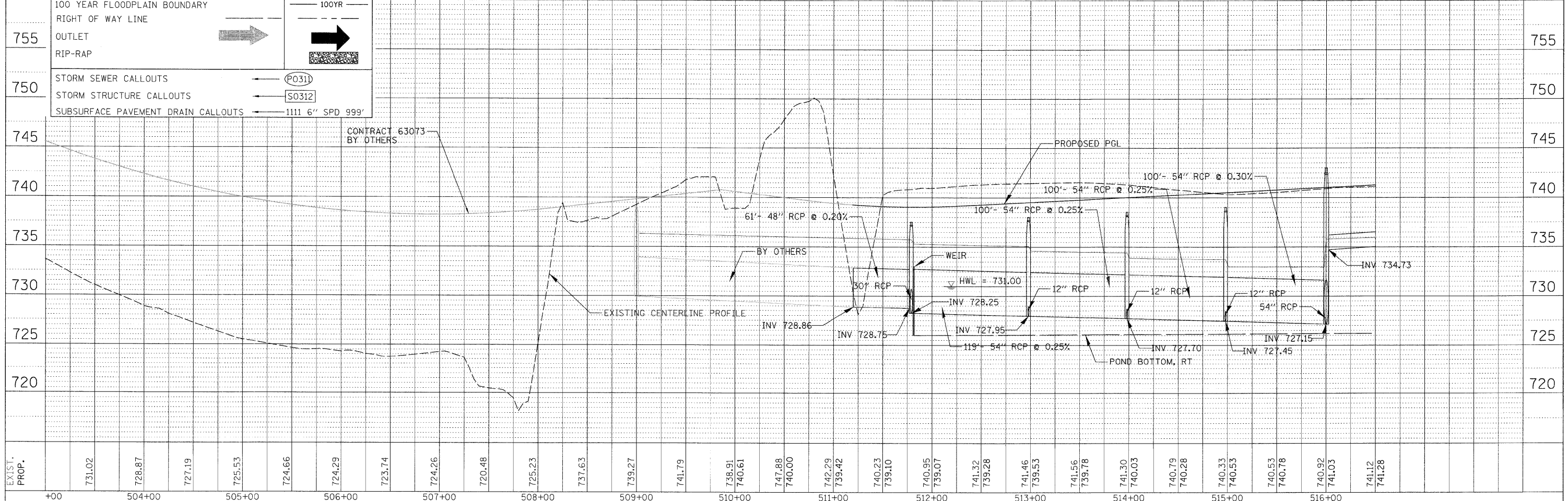
PLAN	SURVEYED	BY	DATE
	PLANNED		
	NOTED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO. _____		
	NO. _____		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLANNED		
	NOTED		
	CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
	NO. _____		
	NO. _____		



**LEGEND:**

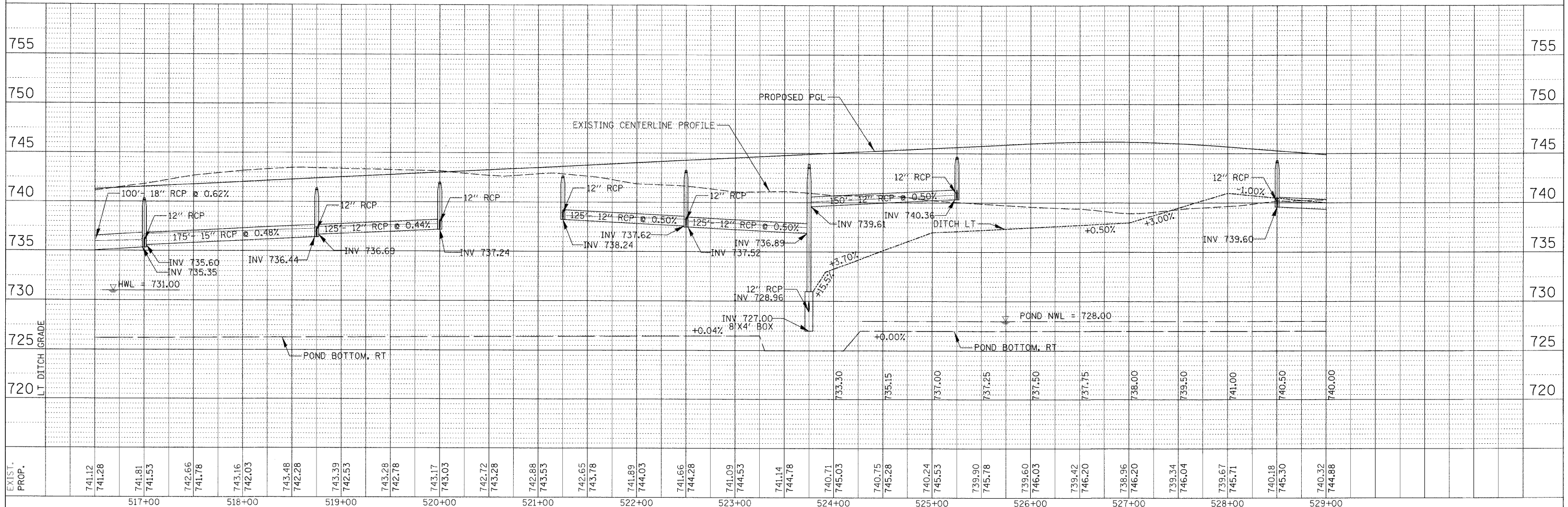
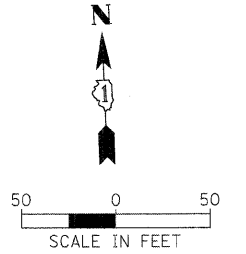
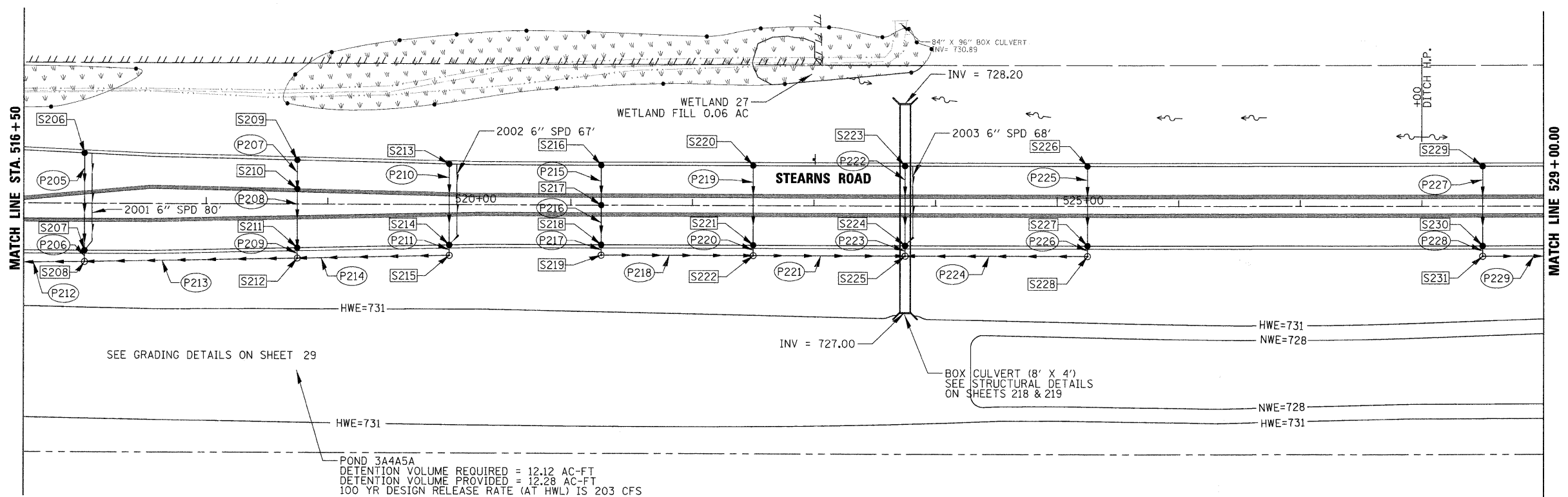
BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	10+00	10+00
SWALE	↔	↔
DITCH	↔	↔
CULVERT SIZE - TYPE	2 X 2 BOX	2 X 2 BOX
FLOODWAY	---	---
STORM SEWER	—	—
FLARED END SECTION	◁	▷
CATCH BASIN	○	●
HEADWALL	⊥	⊥
INLET	○	○
MANHOLE	○	○
100 YEAR FLOODPLAIN BOUNDARY	---	---
RIGHT OF WAY LINE	---	---
OUTLET	➔	➔
RIP-RAP	▨	▨
STORM SEWER CALLOUTS	— (P031)	— (P031)
STORM STRUCTURE CALLOUTS	— (S0312)	— (S0312)
SUBSURFACE PAVEMENT DRAIN CALLOUTS	— (1111 6" SPD 999')	— (1111 6" SPD 999')



FILE NAME = DPP_070793.STEARNS_01.SHT	USER NAME = MWORMAN	DESIGNED JOC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES - STEARNS ROAD</b>	F.A.P. RFE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 59		
	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 503+00.00 TO STA. 516+50	CONTRACT NO. 63075			
	PLOT SCALE = 50'	CHECKED CW	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/16/2009	DATE 01/16/09	REVISED -									

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

PROFILE	SURVEYED	BY	DATE
	PLotted		
	CHANGED		
	SA. NOTED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

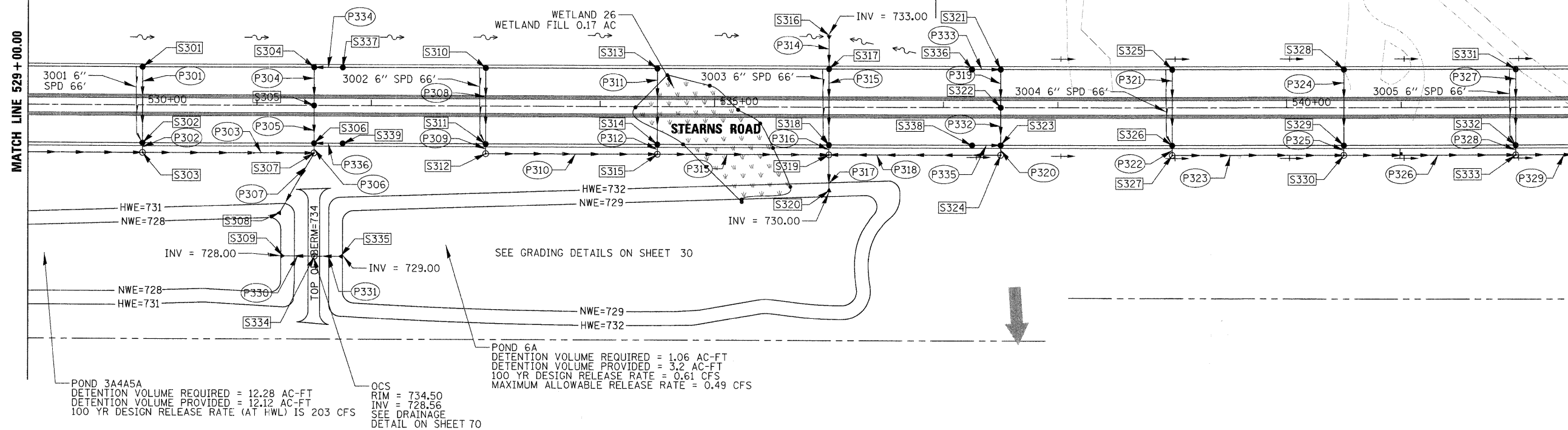


FILE NAME =	USER NAME = MWORMAN	DESIGNED JOC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - STEARNS ROAD	SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 516+00.00 TO STA. 529+00.00	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DPP_070793_STEARNS_02.SHT	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -						361	06-00214-20-BR	KANE	320	60
	PLOT SCALE = 50'	CHECKED CW	REVISED -						CONTRACT NO. 63075				
	PLOT DATE = 1/16/2009	DATE - 01/16/09	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

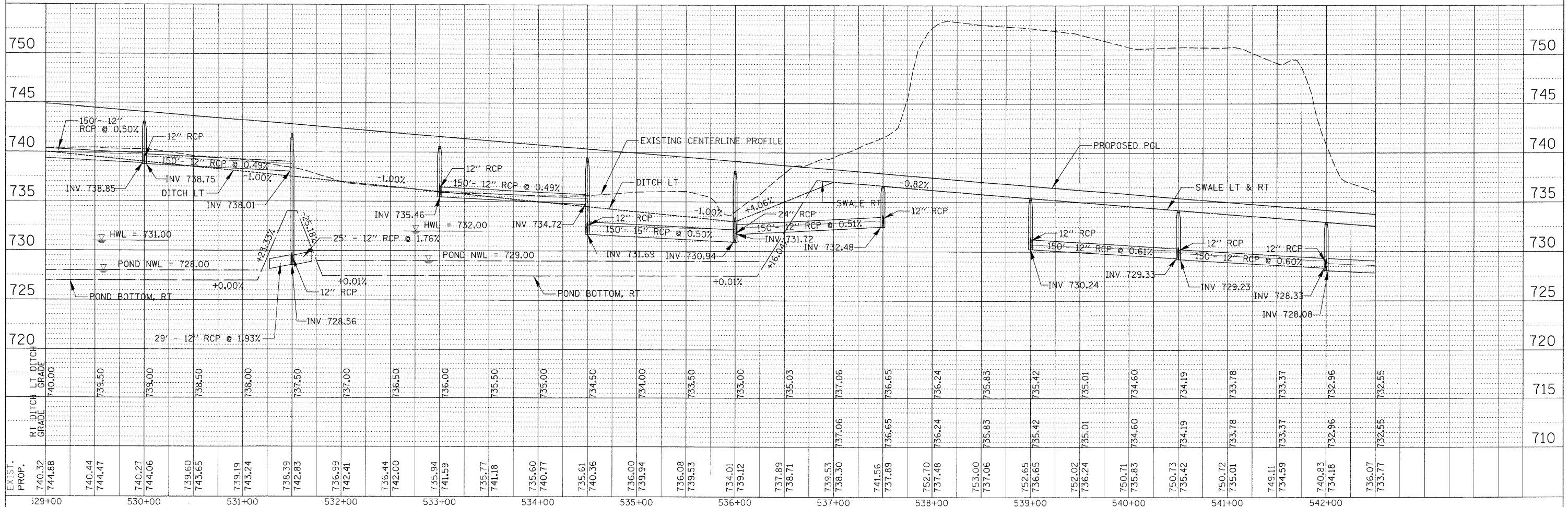
PLAN	SURVEYED	BY	DATE
	ALIGNED		
	PLOTTED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	CADD FILE NAME		
	NO.		

MATCH LINE 529+00.00

MATCH LINE 542+50.00

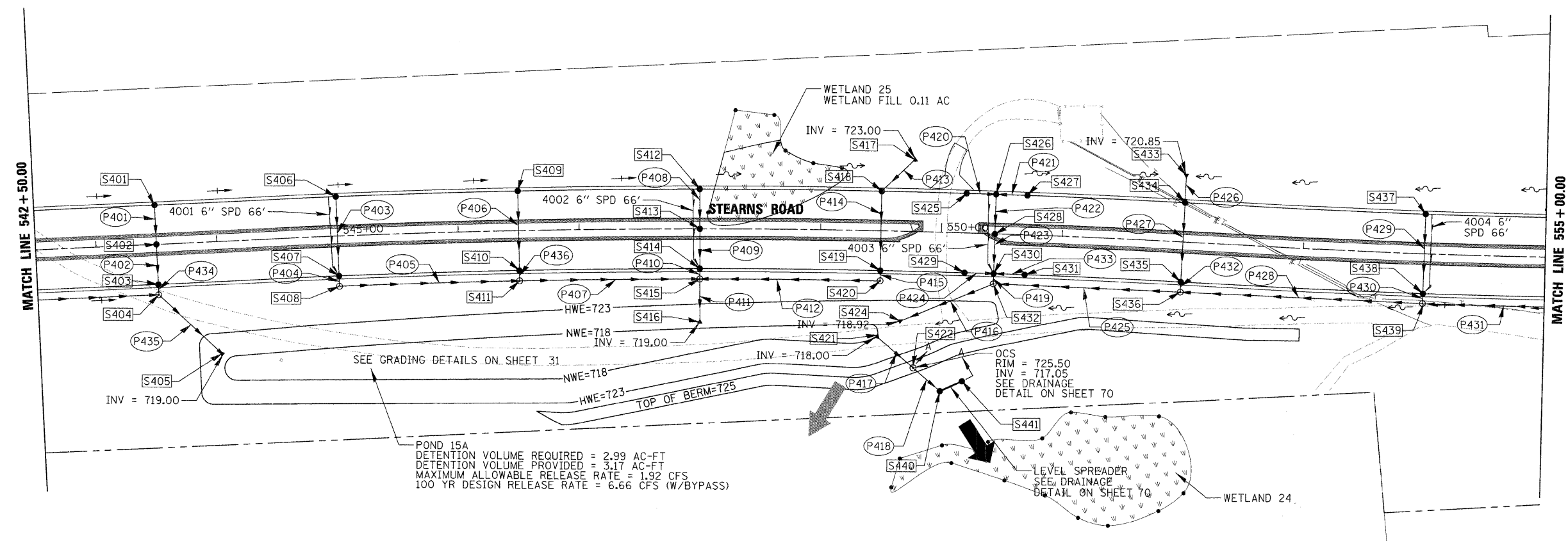
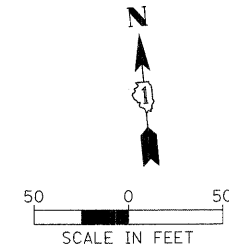


PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	PLOTTED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	CADD FILE NAME		
	NO.		

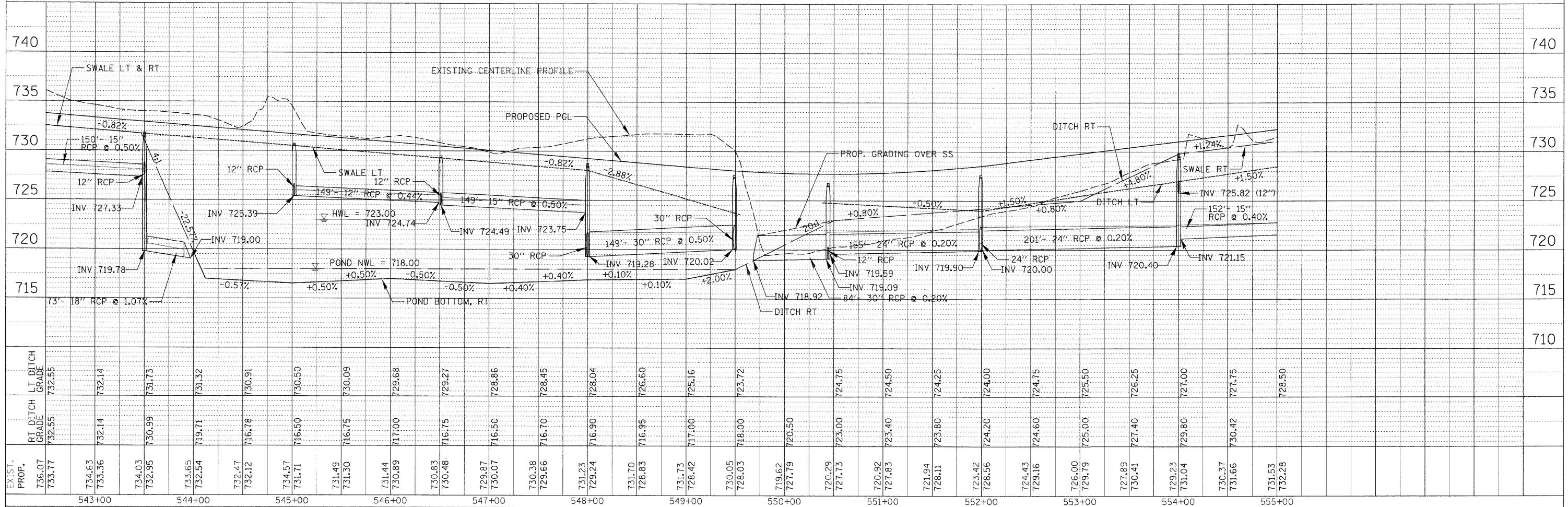


FILE NAME =	USER NAME = MWORMAN	DESIGNED JOC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - STEARNS ROAD	SCALE: 1"= 50'	SHEET NO. OF SHEETS	STA. 529+00.00 TO STA. 542+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DPP_070793_STEARNS_03.SHT	VERT. SCALE = 1' = 5'	DRAWN MYG	REVISED -						361	06-00214-20-BR	KANE	320	61
	PLOT SCALE = 50'	CHECKED CW	REVISED -						CONTRACT NO. 63075				
	PLOT DATE = 1/16/2009	DATE - 01/16/09	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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



PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	NOTE BOOK	
	STRUCTURE NOTATION SHEET	
	NO.	



EXIST. PROP.	736.07 733.77	734.63 733.36	734.03 732.95	733.65 732.54	732.47 732.12	734.57 731.71	731.49 731.30	731.44 730.89	730.83 730.48	729.87 730.07	730.38 729.66	731.23 729.24	731.70 728.83	731.73 728.42	730.05 728.03	719.62 727.79	720.29 727.73	720.92 727.83	721.94 728.11	723.42 728.56	724.43 729.16	726.00 729.79	727.89 730.41	729.23 731.04	730.37 731.66	731.53 732.28	
LT DITCH GRADE	732.55	732.14	731.73	731.32	730.91	730.50	730.09	729.68	729.27	728.86	728.45	728.04	727.60	727.16	726.72	726.25	725.75	725.30	724.80	724.25	724.00	724.75	725.50	726.25	727.00	727.75	728.50
RT DITCH GRADE	732.55	732.14	730.99	729.71	728.78	728.50	728.75	729.00	729.27	729.50	729.70	729.90	730.15	730.40	730.60	730.80	731.00	731.20	731.40	731.60	731.80	732.00	732.20	732.40	732.60	732.80	733.00

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES - STEARNS ROAD**

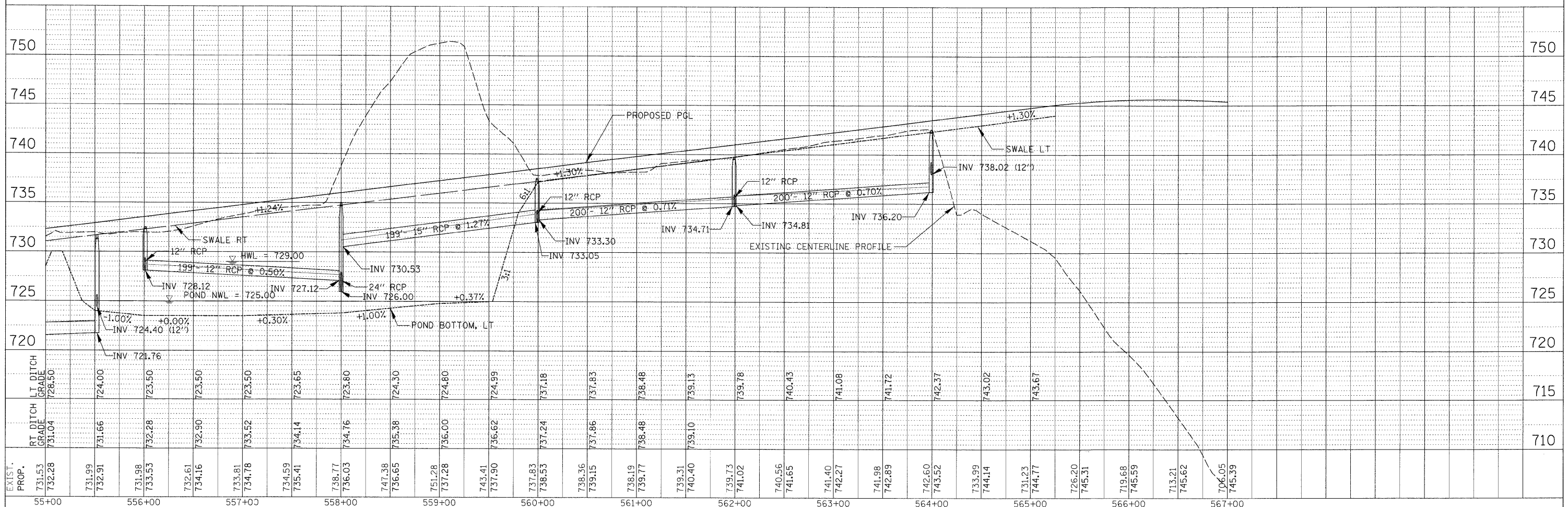
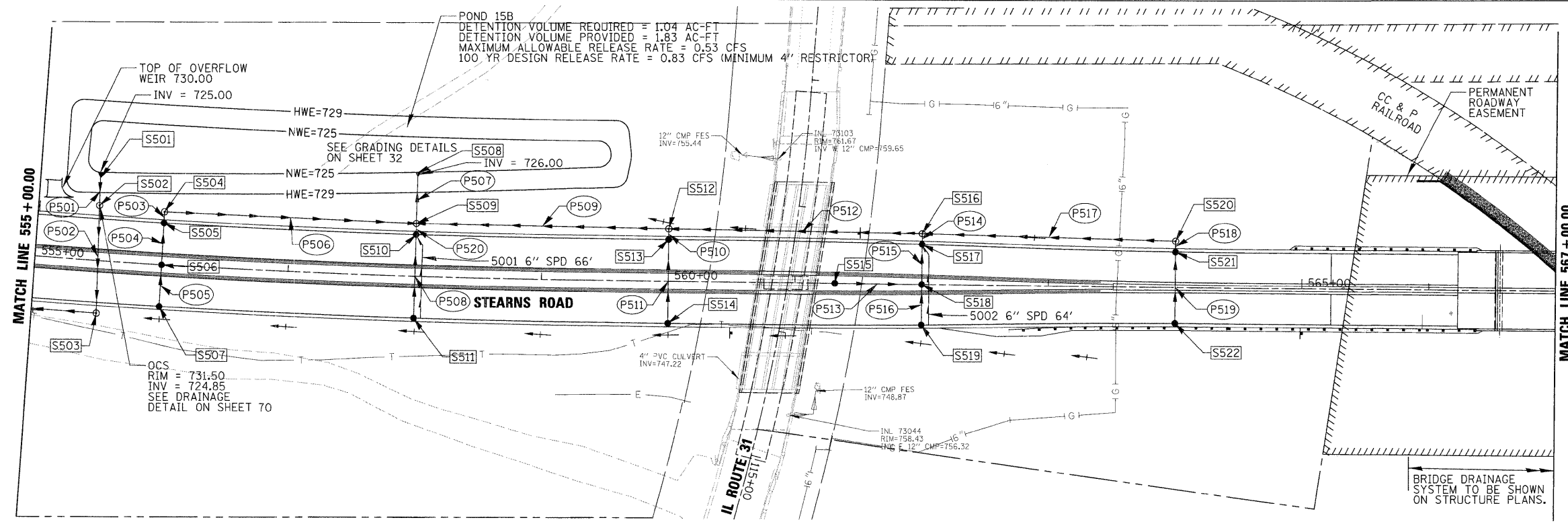
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	62
CONTRACT NO. 63075				

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 542+50.00 TO STA. 555+00.00

FILE NAME =	USER NAME = MWORMAN	DESIGNED JOC	REVISED -
DPP_070793_STEARNS_04_SHT	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -
	PLOT SCALE = 5/8"	CHECKED CW	REVISED -
	PLOT DATE = 1/16/2009	DATE = 01/16/09	REVISED -

DATE	
BY	
PLANNED	
CHECKED	
NOTED	
DATE	
BY	
NO.	

DATE	
BY	
PLANNED	
CHECKED	
NOTED	
DATE	
BY	
NO.	



FILE NAME =	USER NAME = MWORMAN	DESIGNED JOC	REVISED -
DPP-070793-STEARN.S.05.SHT	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -
	PLOT SCALE = 5/8"	CHECKED CW	REVISED -
	PLOT DATE = 1/16/2009	DATE = 01/16/09	REVISED -

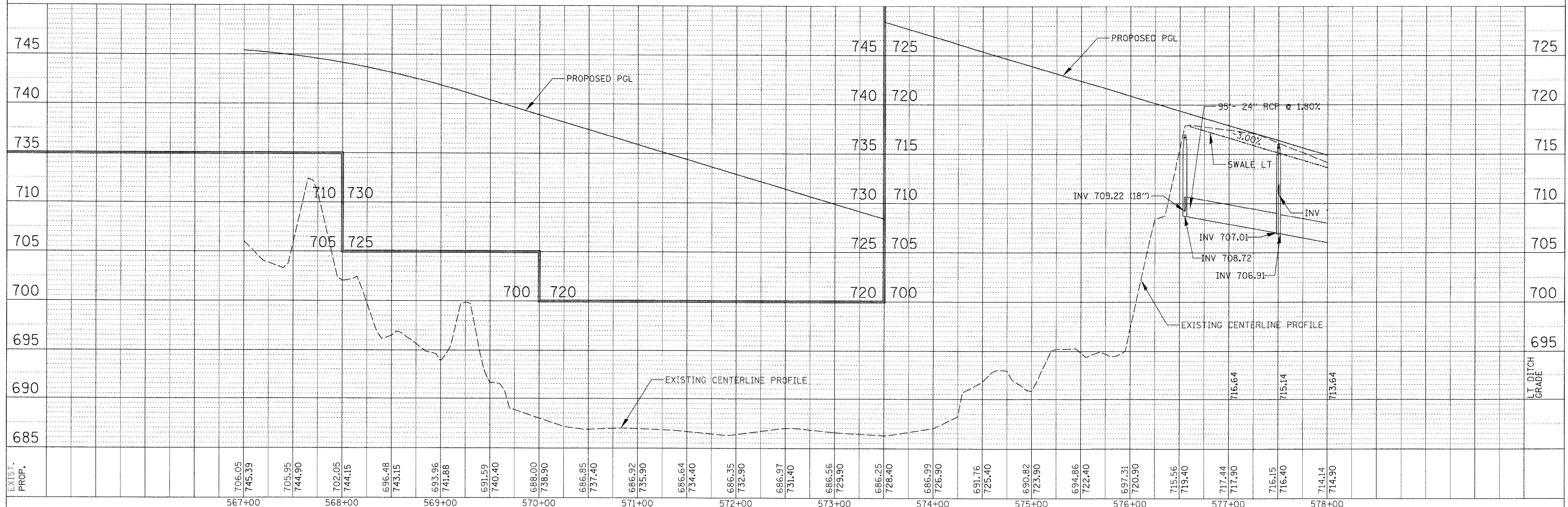
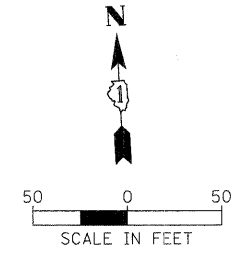
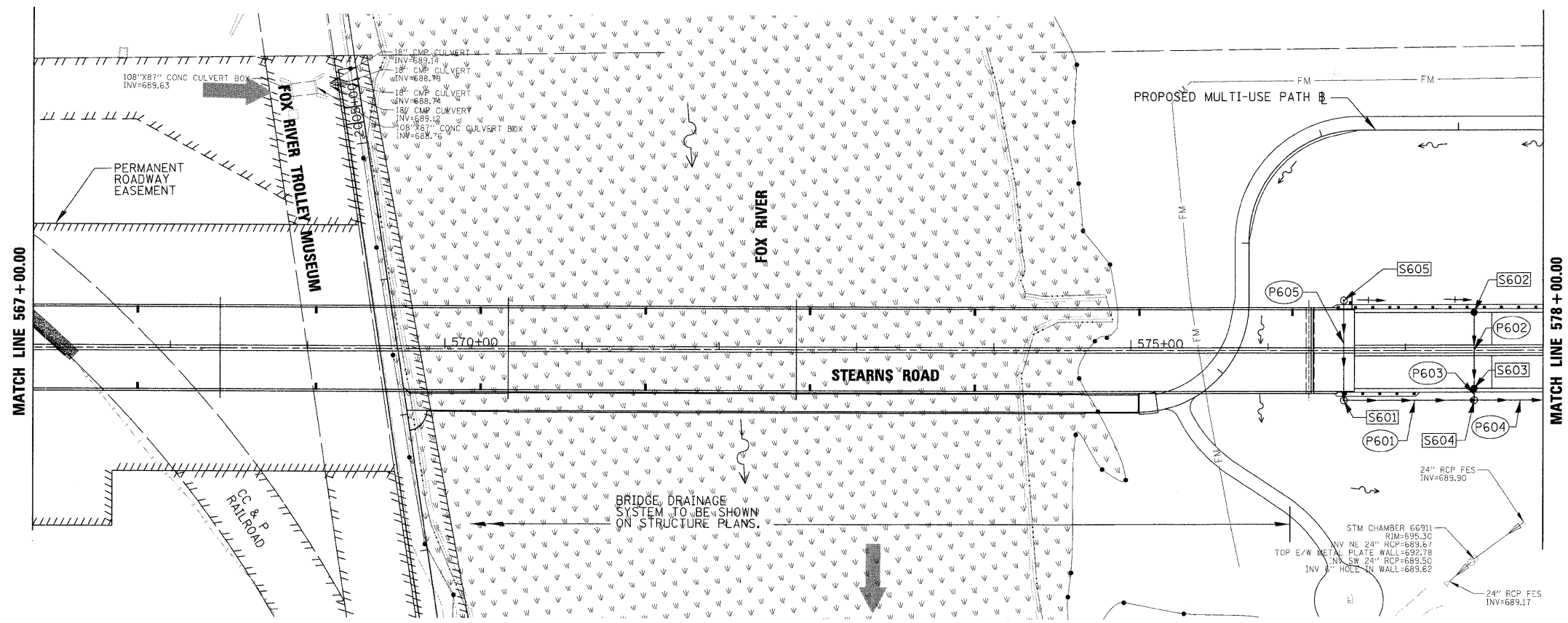
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES - STEARN ROAD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	63
CONTRACT NO. 63075				
SCALE: 1" = 50'				
SHEET NO. OF SHEETS STA. 555+00.00 TO STA. 567+00.00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	NOTED		
	PLOTTED		
	CHECKED		
	DATE		
	NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	NOTED		
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	DATE		
	NO.		
	FILE NAME		

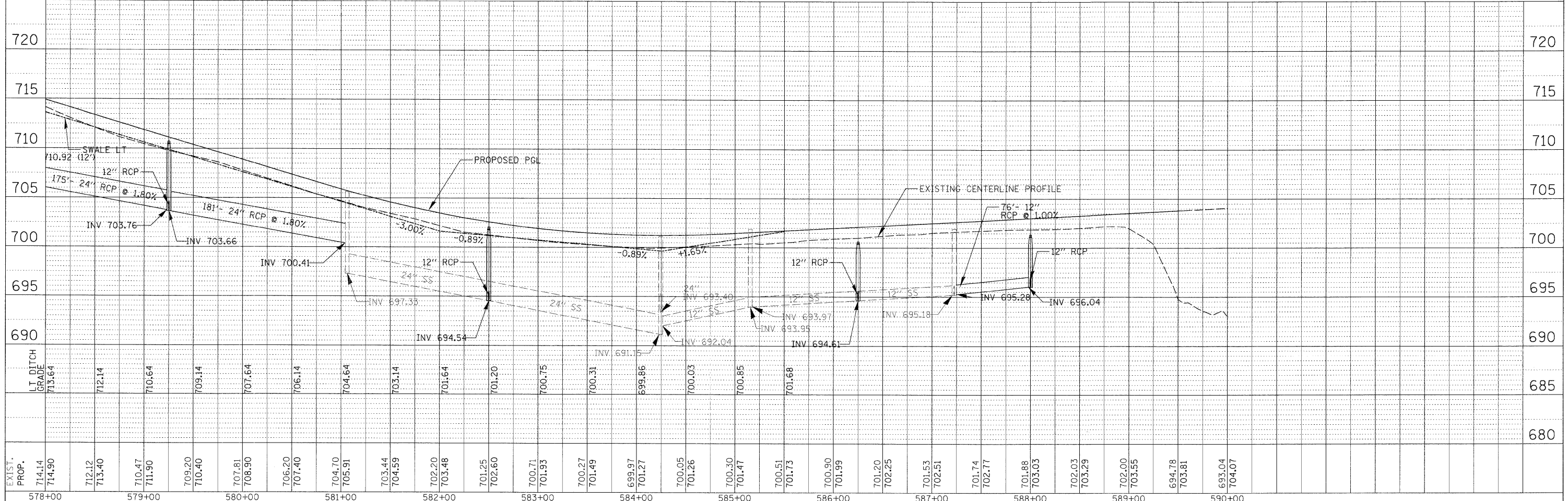
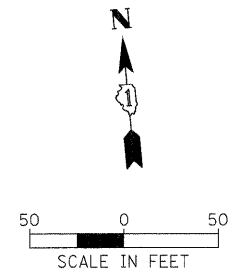
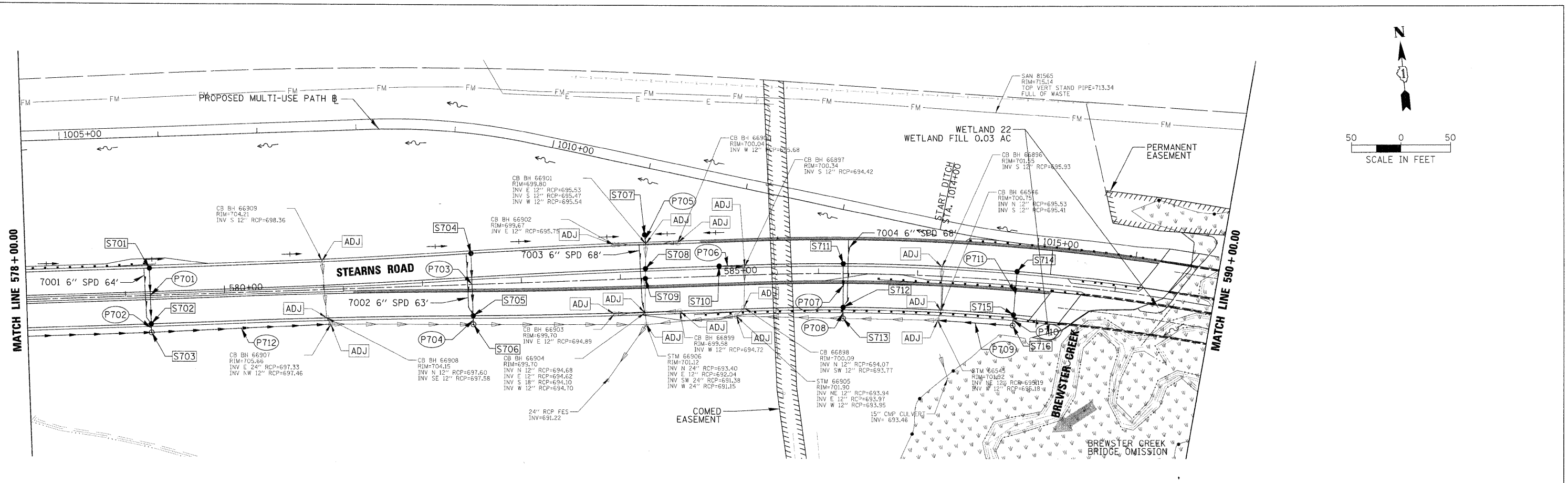


FILE NAME =	USER NAME = GTINE	DESIGNED JOC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES - STEARN'S ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DPP_070793_STEARNS_06.SHT	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -			361	06-00214-20-BR	KANE	320	64	
	PLOT SCALE = 50'	CHECKED CW	REVISED -			CONTRACT NO. 63075					
	PLOT DATE = 2/11/2009	DATE - 01/16/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
				SCALE: 1" = 50'		SHEET NO. OF SHEETS		STA. 567+00.00 TO STA. 578+00.00			



PLAN	SURVEYED	DATE
	ALLOTTED	
	CHECKED	
	BY	
	NO.	
	DATE	
	BY	
	NO.	
	DATE	

PROFILE	SURVEYED	DATE
	ALLOTTED	
	CHECKED	
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	DATE	

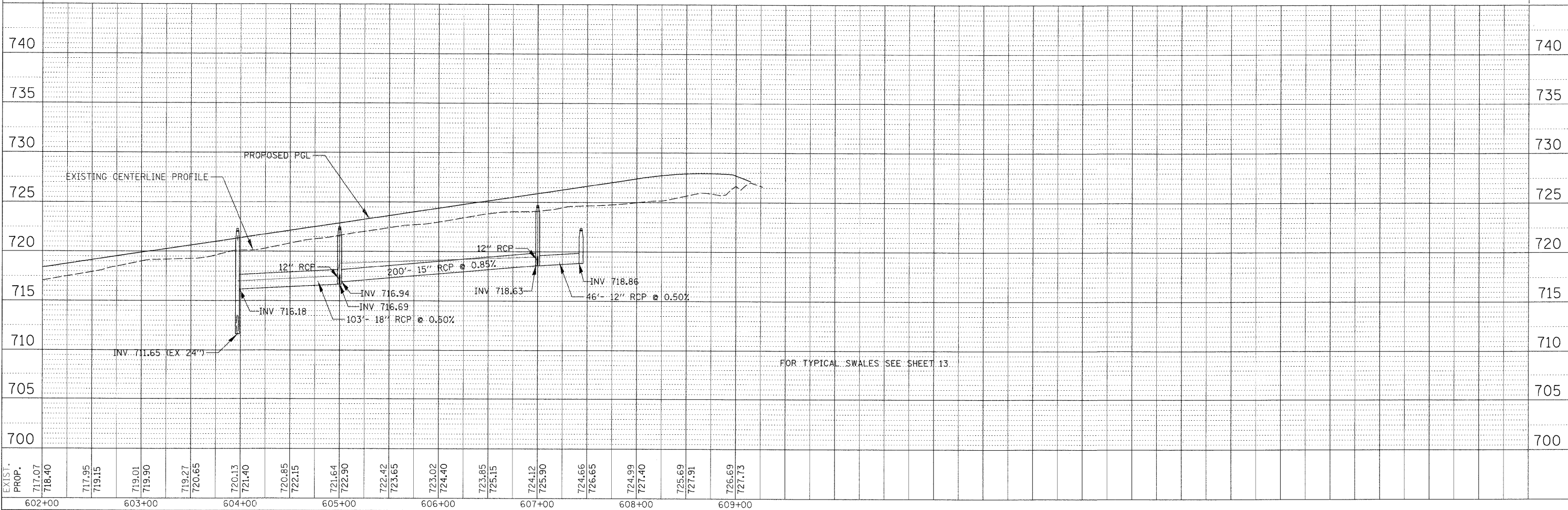
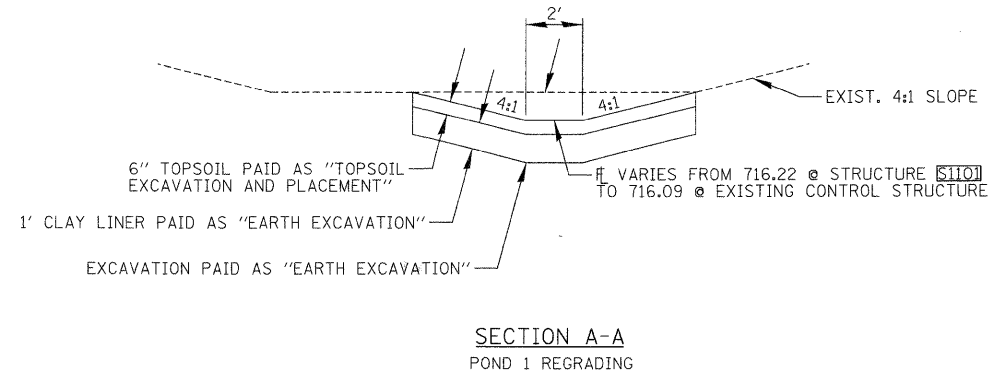
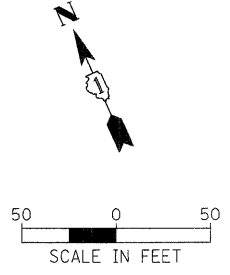
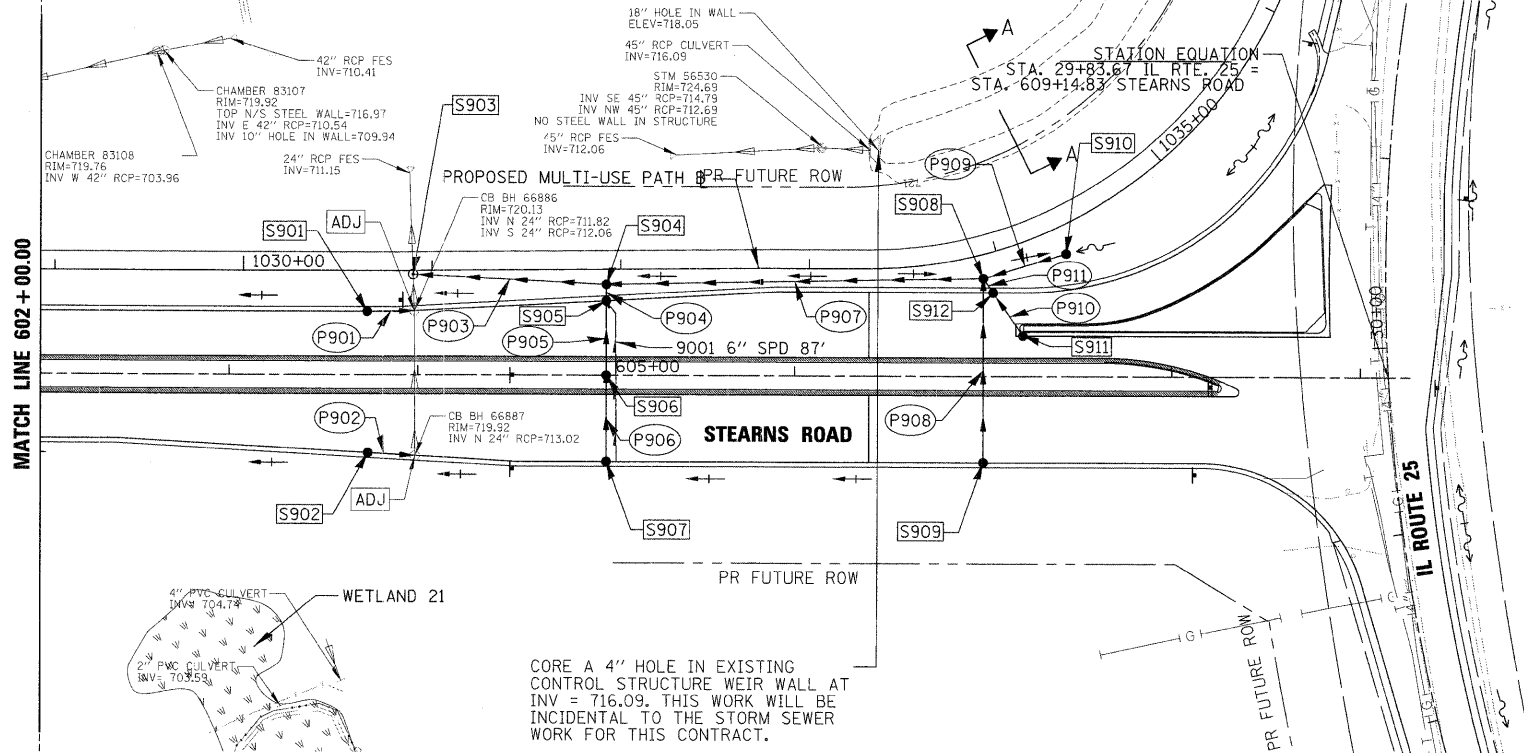


FILE NAME =	USER NAME = MWORMAN	DESIGNED JOC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - STEARNS ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
OPP_070793_STEARNS_07.SHT	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -			361	06-00214-20-BR	KANE	320	65	
	PLOT SCALE = 50'	CHECKED CW	REVISED -			CONTRACT NO. 63075					
	PLOT DATE = 1/16/2009	DATE - 01/16/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



DATE	
BY	
REVIEWED	
DESIGNED	
DRAWN	
CHECKED	
DATE	

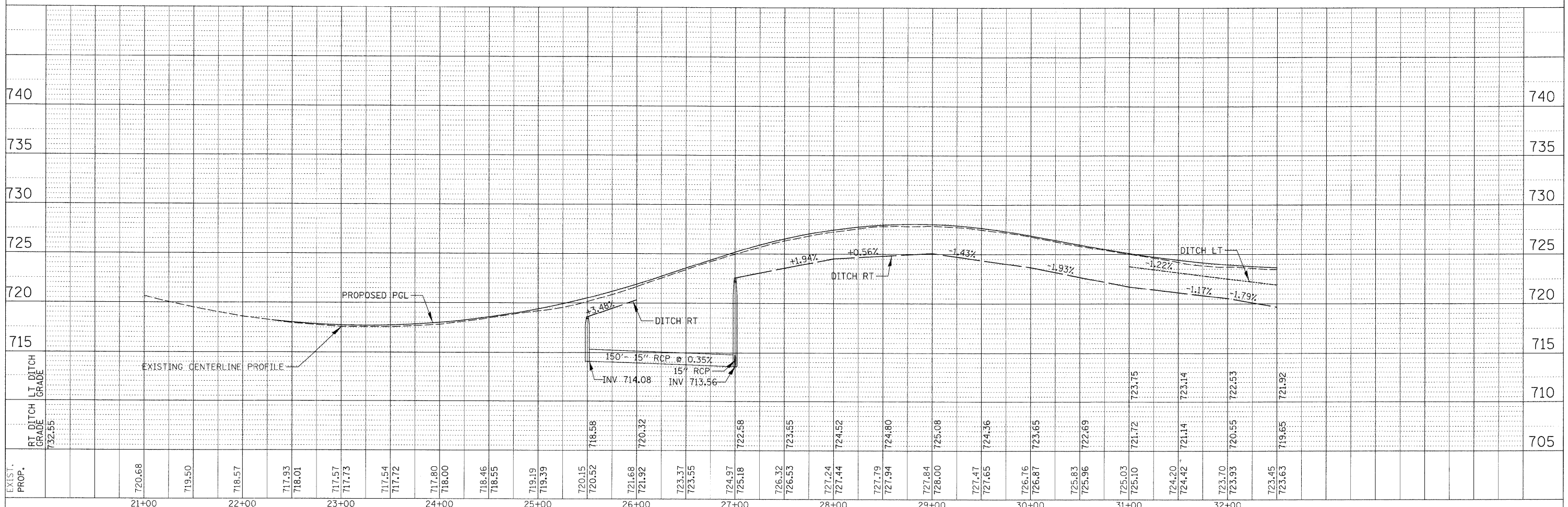
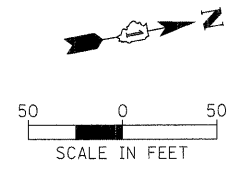
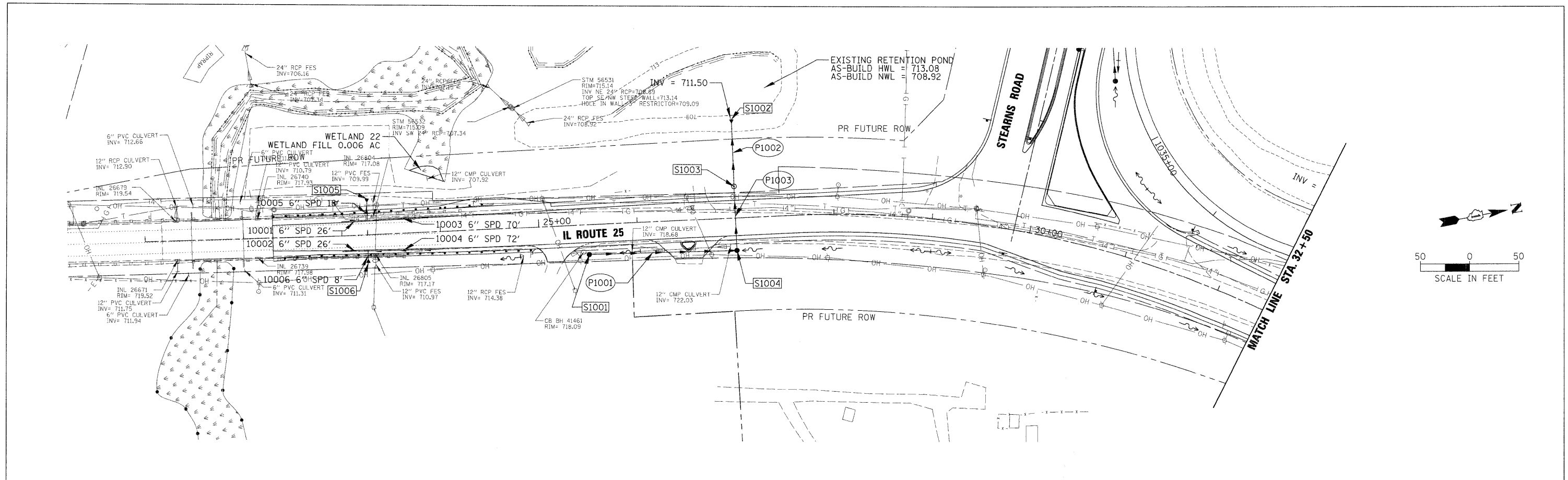
DATE	
BY	
REVIEWED	
DESIGNED	
DRAWN	
CHECKED	
DATE	



FILE NAME = DPP_872793_STEARNS_09.SHT	USER NAME = MWRMAN	DESIGNED JOC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES - STEARNS ROAD	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 67		
	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -			SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 602+00.00	TO STA. 609+26.95	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
	PLOT SCALE = 5/8"	CHECKED CW	REVISED -									CONTRACT NO. 63075
	PLOT DATE = 2/25/2009	DATE 01/16/09	REVISED -									

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

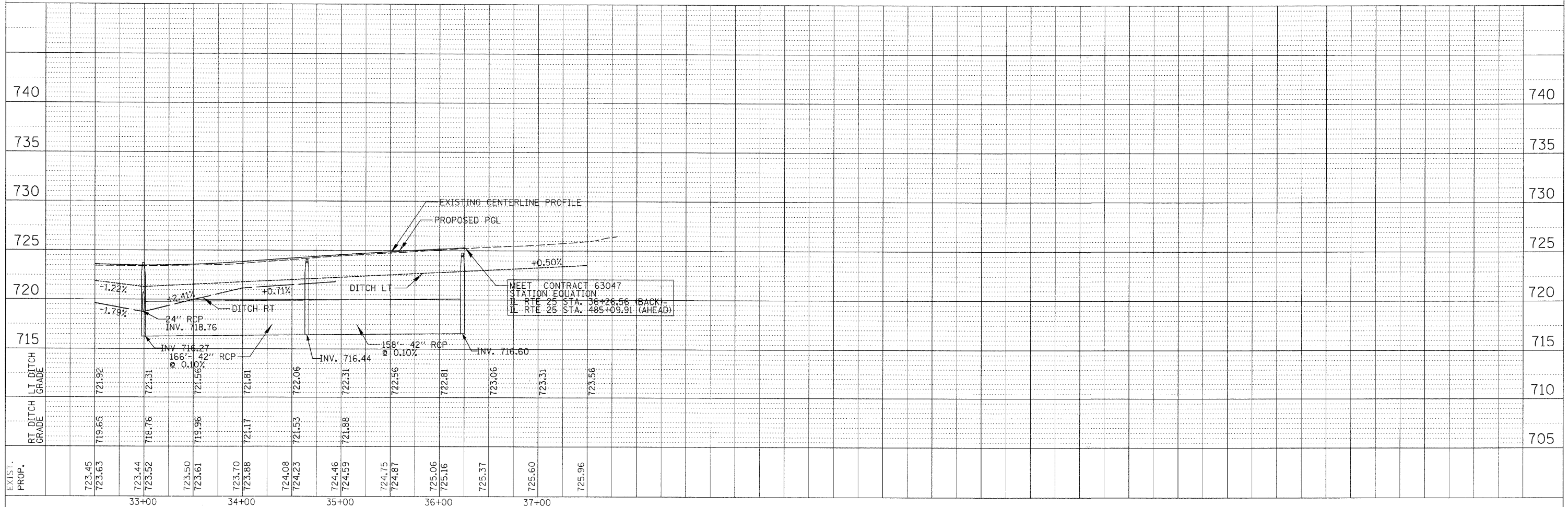
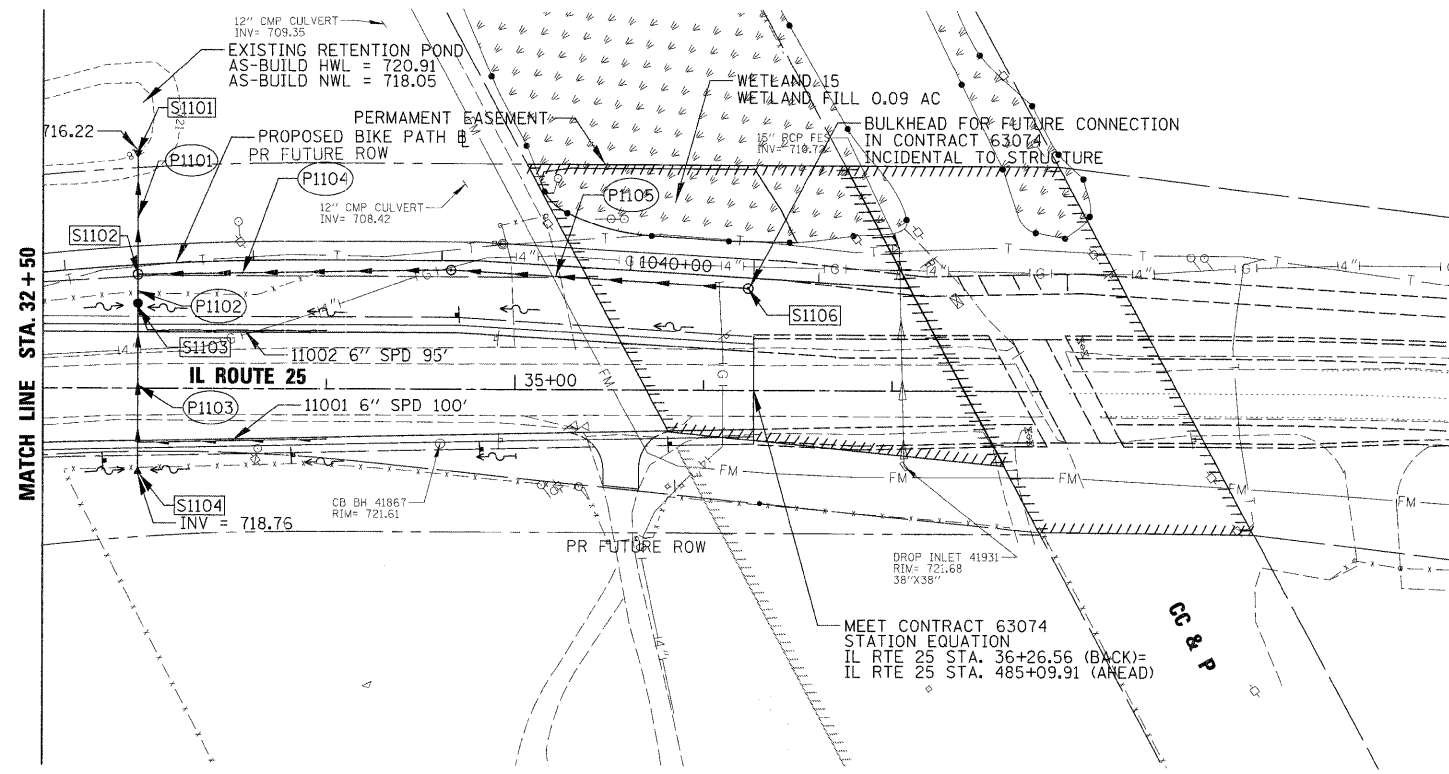
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	PLOTTED		
	CHECKED		
	BY		
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	STRUCTURE NOTATIONS CHFD		



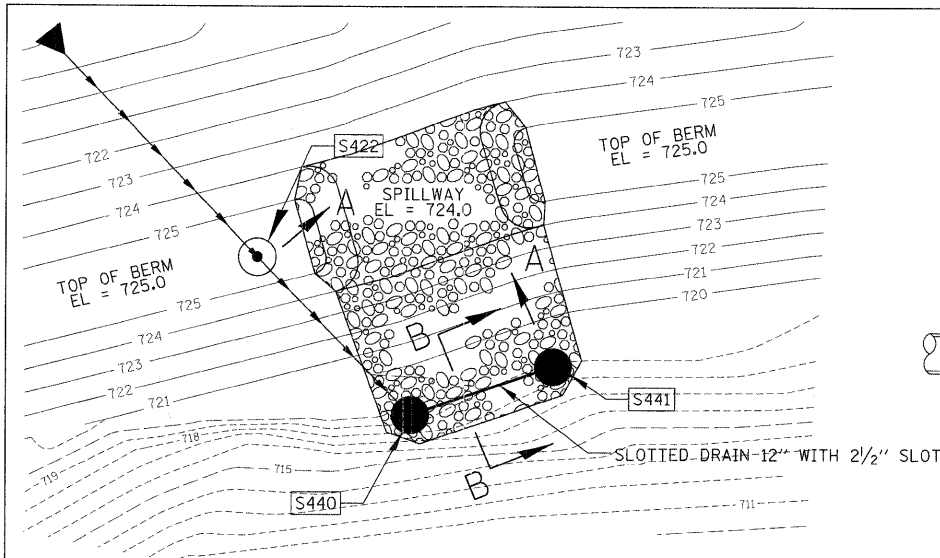
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DPP_078793.RTE25_01.SHT	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -			361	06-00214-20-BR	KANE	320	68	
	PLOT SCALE = 5/8"	CHECKED CW	REVISED -			CONTRACT NO. 63075					
	PLOT DATE = 1/15/2009	DATE 01/16/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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

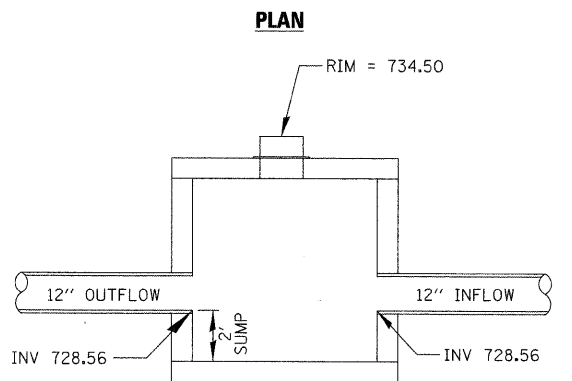
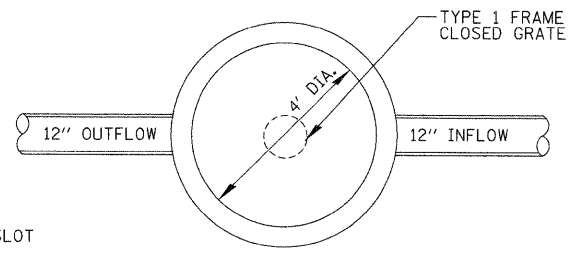
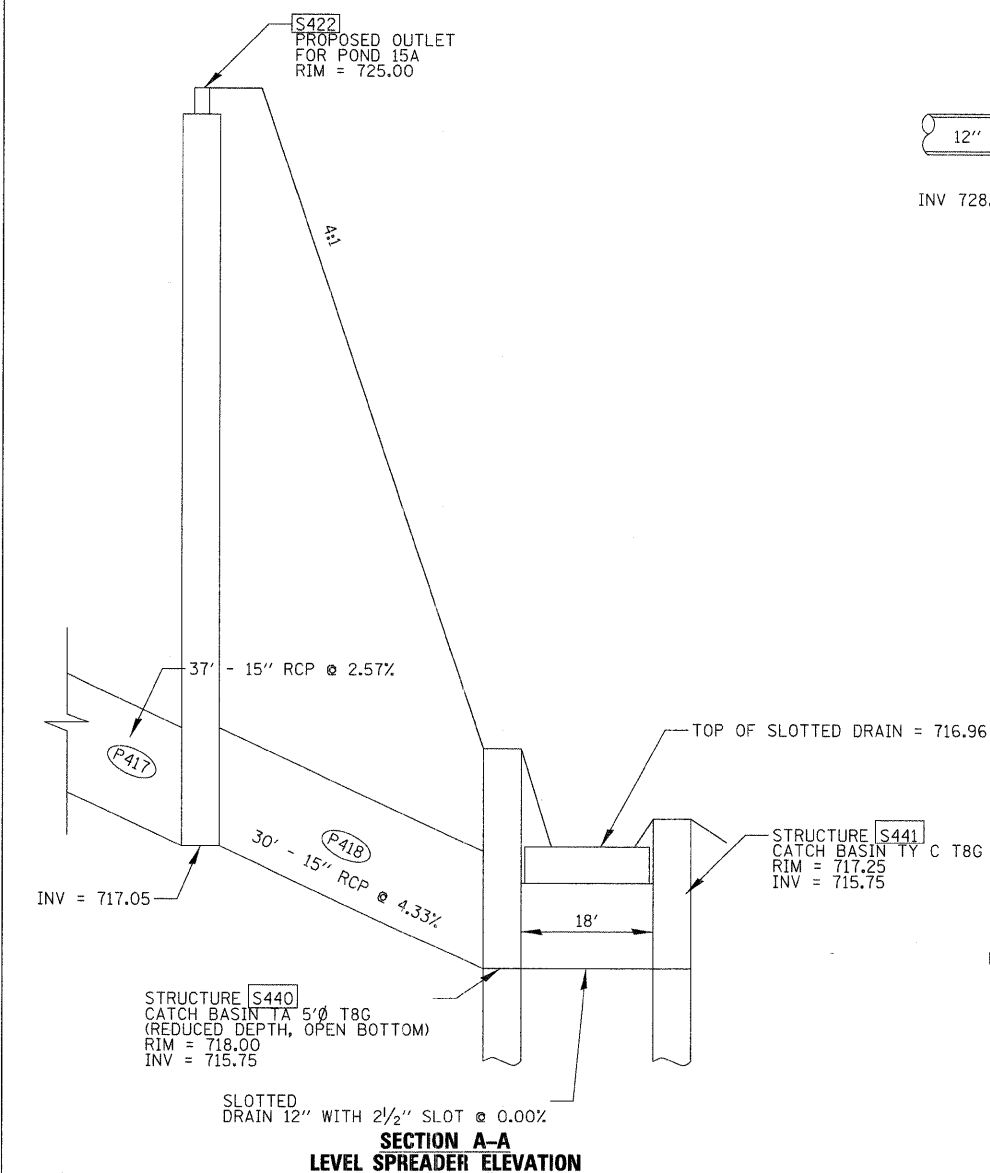
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	ALIGNED		
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	NOTE BOOK		
	NO.		
	FILE NAME		



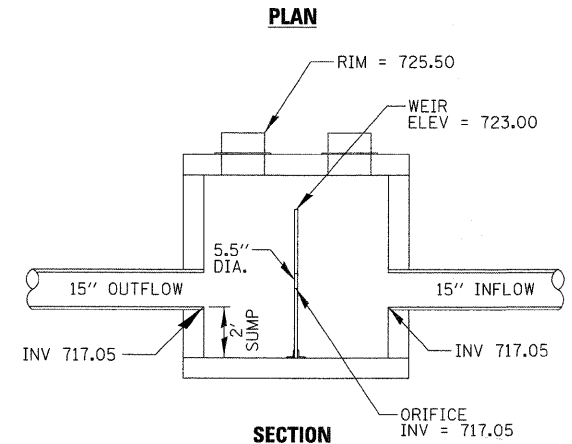
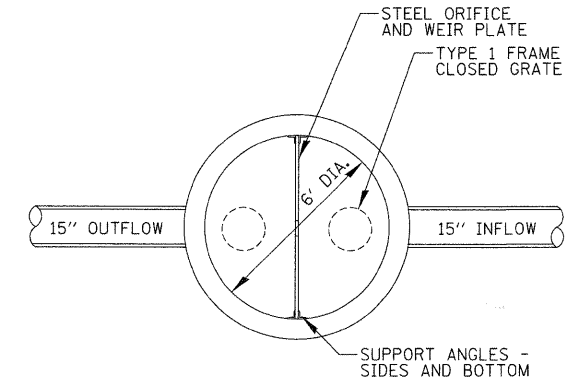
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DPP_070793.RTE25_02.SHT	VERT. SCALE = 1" = 5'	DRAWN MYG	REVISED -			361	06-00214-20-BR	KANE	320	69	
	PLOT SCALE = 50'	CHECKED CW	REVISED -			CONTRACT NO. 63075					
	PLOT DATE = 1/16/2009	DATE - 01/16/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
SCALE: 1"=50'						SHEET NO. OF SHEETS		STA. 32+50 TO STA. 37+81.37			



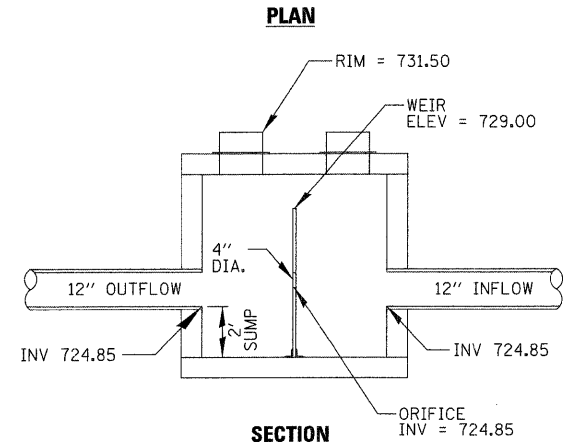
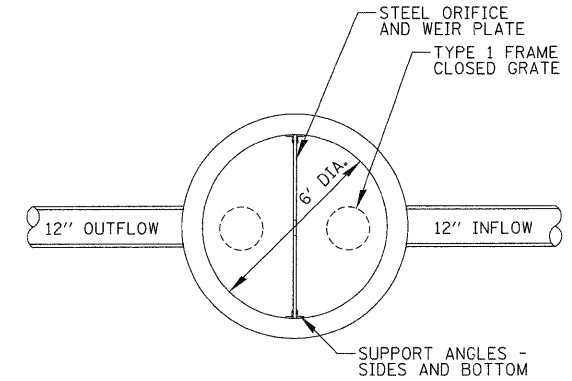
**LEVEL SPREADER  
STA. 550+00**



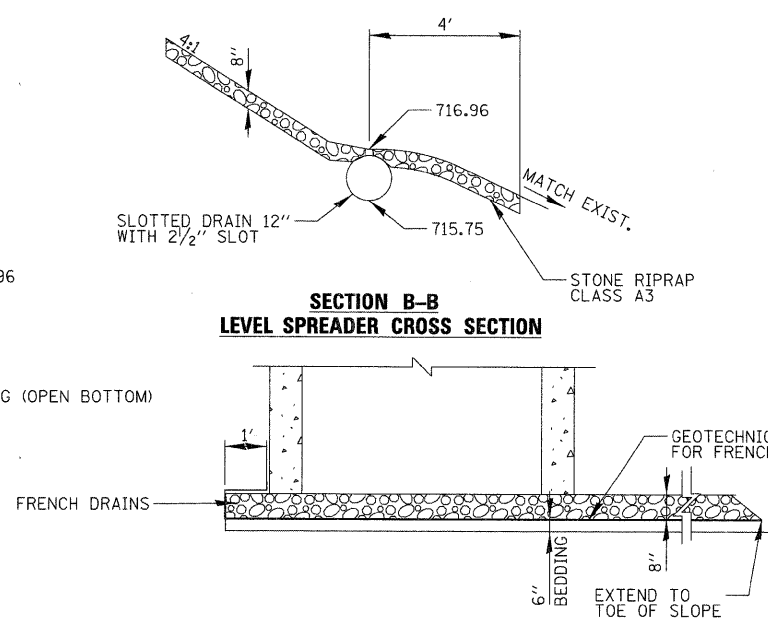
**PROPOSED OUTLET FOR POND 6A  
STRUCTURE S334 STA. 531+50.47, 131.92 RT**



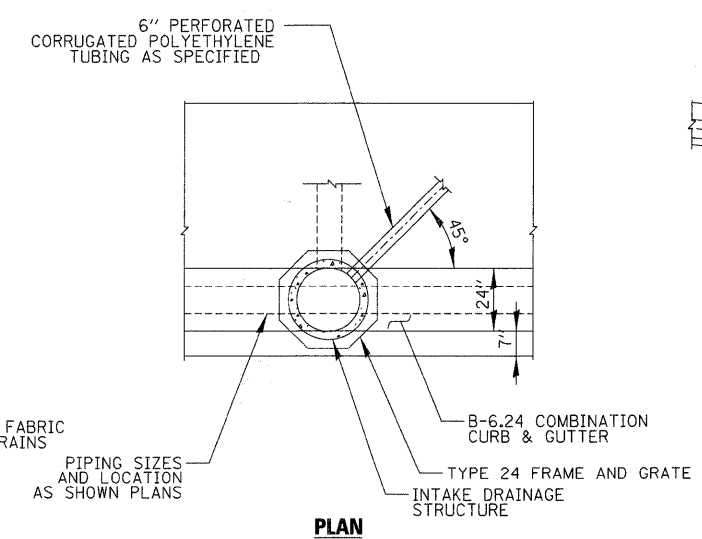
**PROPOSED OUTLET FOR POND 15A  
STRUCTURE S422 STA. 549+79.17, 113.23 RT**



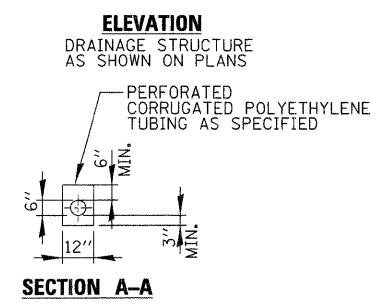
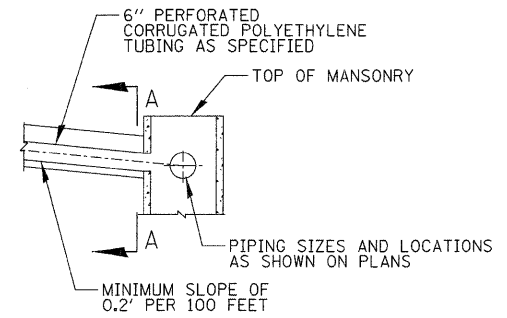
**PROPOSED OUTLET FOR POND 15B  
STRUCTURE S502 STA. 555+48.15, 43.62 LT**



**OPEN BOTTOM DETAIL FOR  
CATCH BASINS S440 & S441**  
 STRUCTURE S440 TO BE PAID FOR AS CB, TYPE A, 5' DIAMETER, TYPE 8 GRATE  
 STRUCTURE S441 TO BE PAID FOR AS CB, TYPE C, TYPE 8 GRATE



**UNDERDRAIN DETAILS  
NTS**



FILE NAME = D\_DET\_070793\_01.SHT

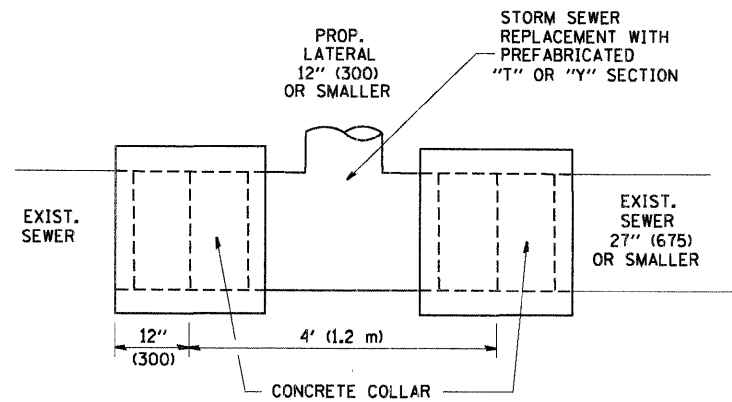
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PLOT SCALE = 5/8"	DRAWN MYG	REVISED -
PLOT DATE = 2/11/2009	CHECKED CW	REVISED -
	DATE 01/16/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS**

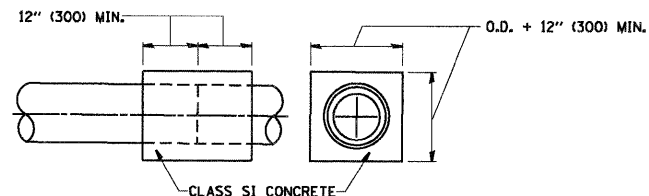
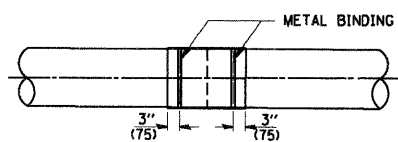
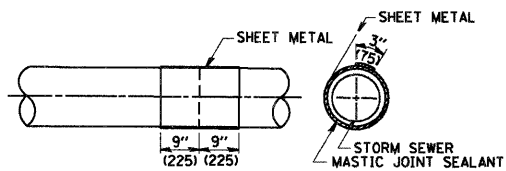
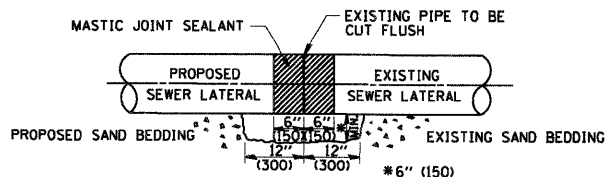
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 70
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

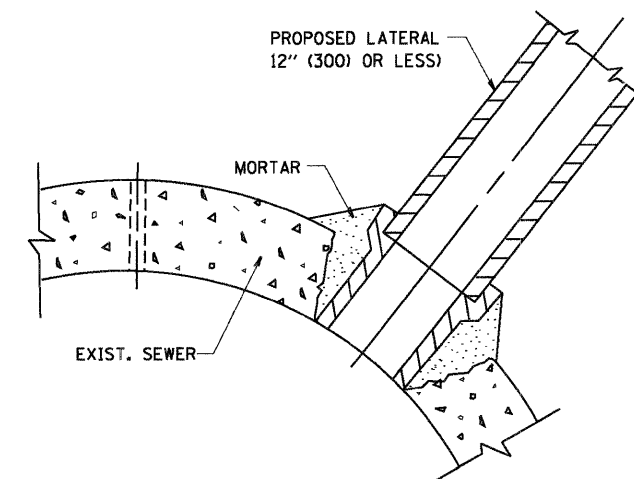


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



**DETAIL "C"**

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

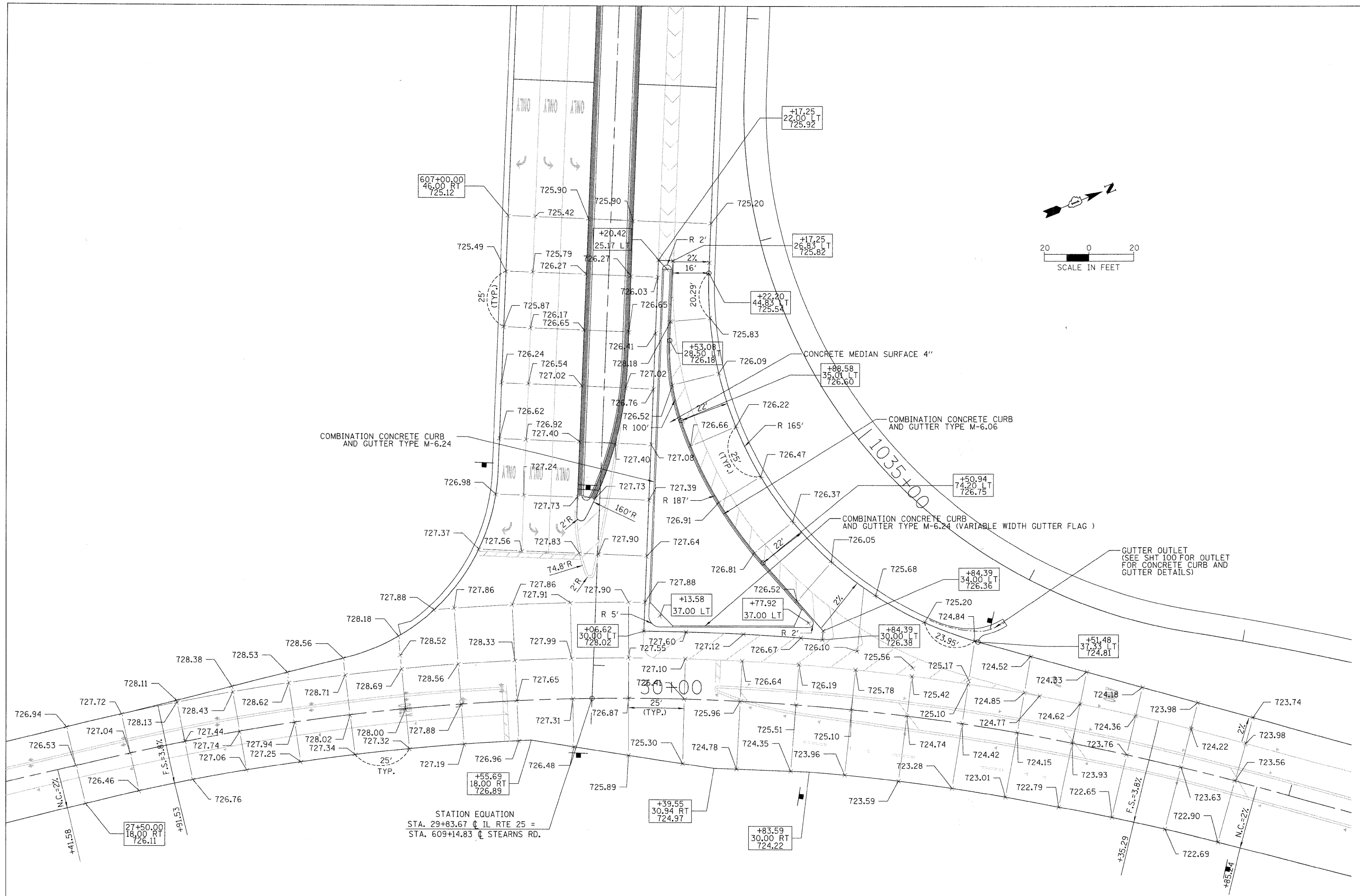
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd87.dgn	USER NAME = gegltonobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 09-09-94		361	06-00214-20-BR	KANE	320	71			
		PLOT SCALE = 50,000' / IN.	REVISED - R. SHAH 10-25-94		BD500-01 (BD-7)			CONTRACT NO. 63075				
		PLOT DATE = 1/4/2008	REVISED - R. SHAH 06-12-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



STATION EQUATION  
 STA. 29+83.67 @ IL RTE 25 =  
 STA. 609+14.83 @ STEARNS RD.

FILE NAME =  
 INT\_01/07/93\_01.SHT

USER NAME = MWORMAN  
 DESIGNED GT  
 DRAWN GT  
 CHECKED MCW  
 PLOT DATE = 1/16/2009

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -  
 DATE 01/16/09

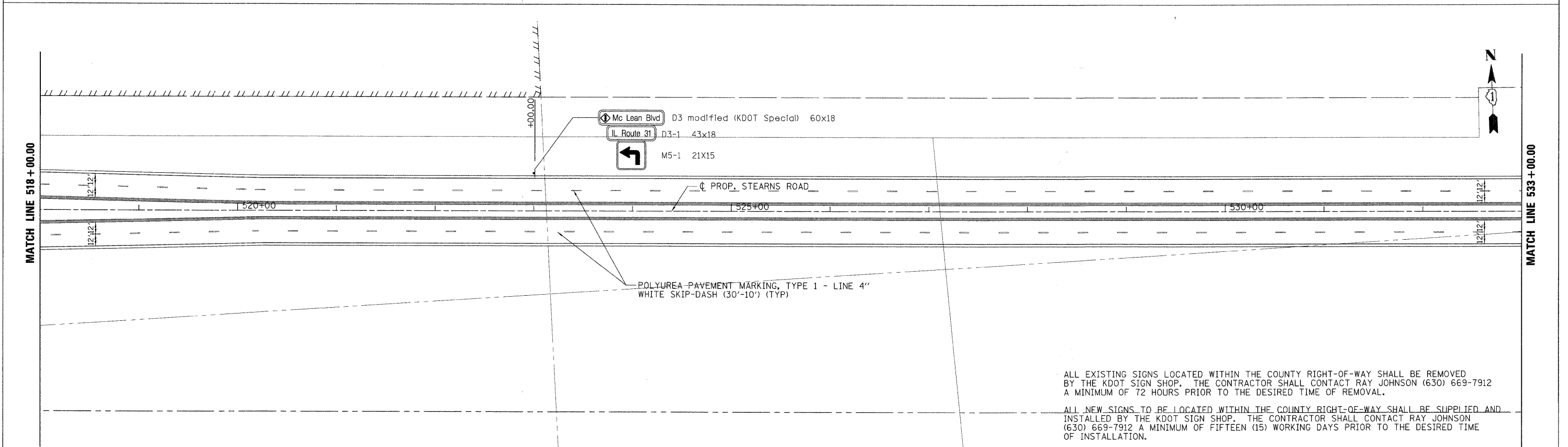
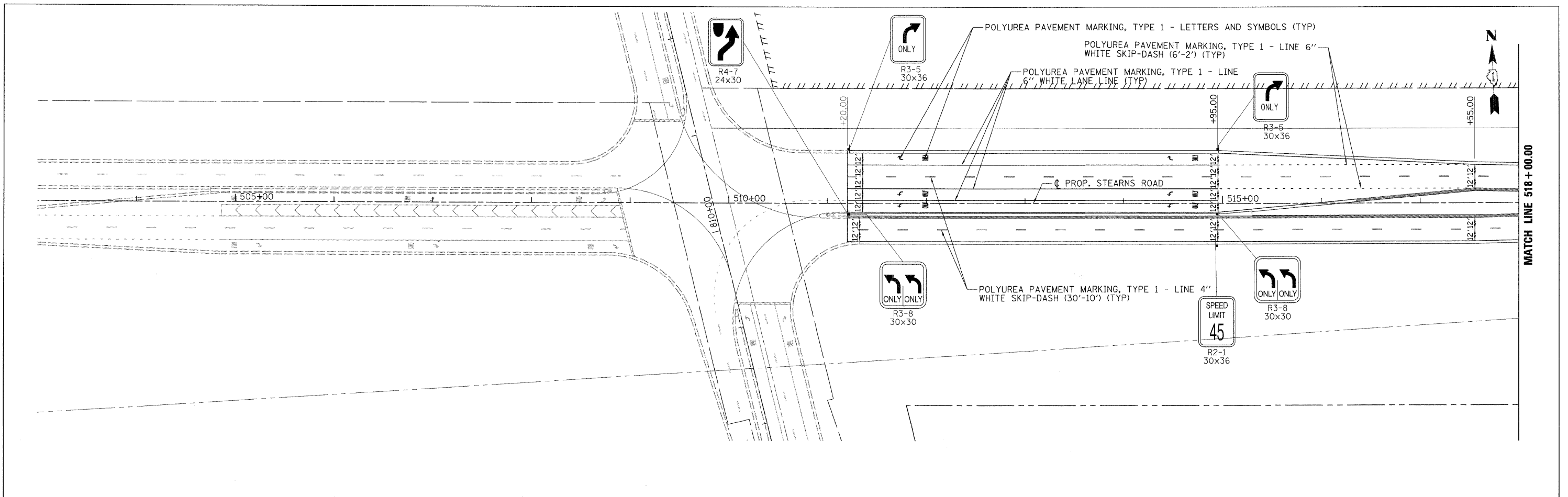
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STEARNS ROAD AND IL ROUTE 25  
 INTERSECTION GRADING PLAN

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	72
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

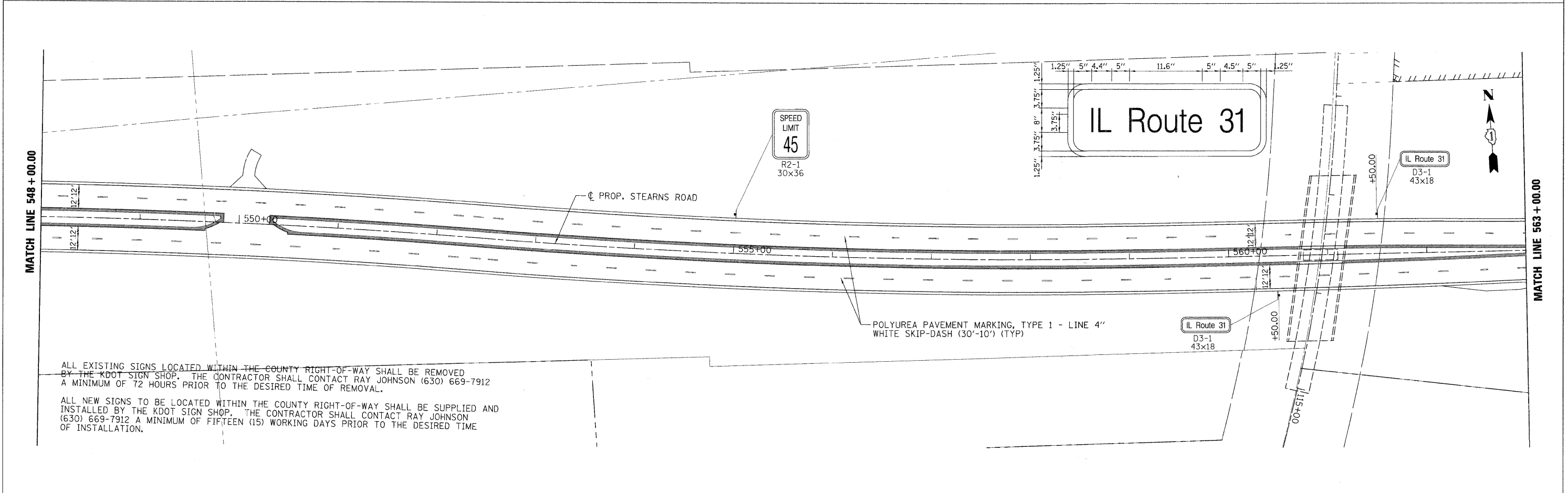
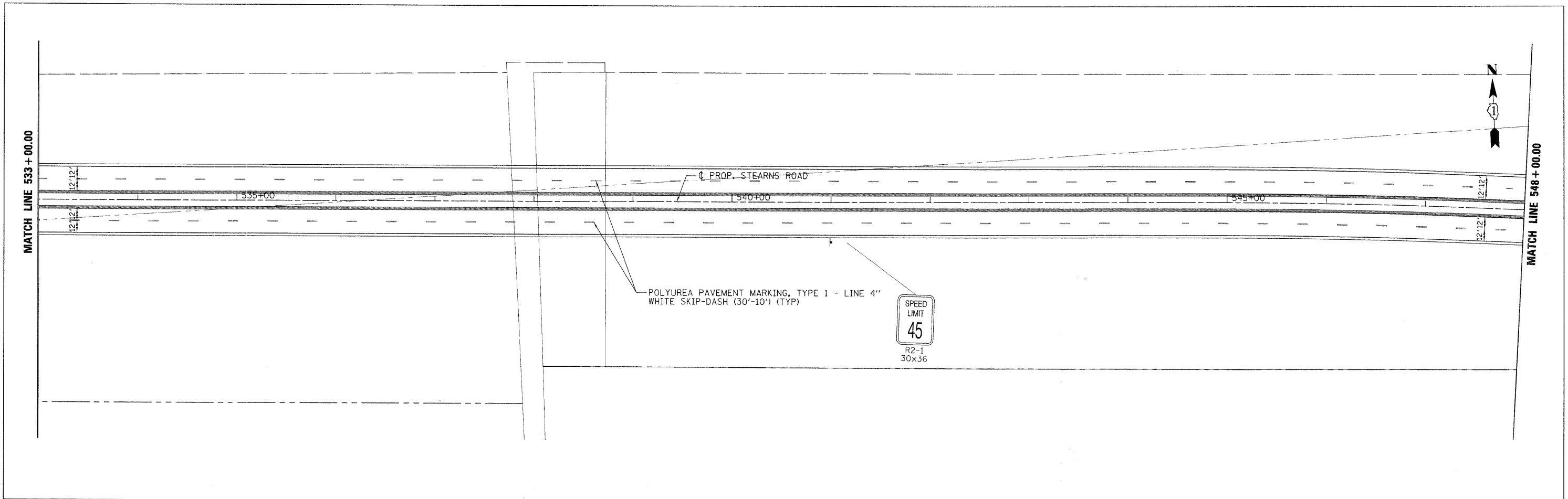




ALL EXISTING SIGNS LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE REMOVED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TIME OF REMOVAL.

ALL NEW SIGNS TO BE LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE SUPPLIED AND INSTALLED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF FIFTEEN (15) WORKING DAYS PRIOR TO THE DESIRED TIME OF INSTALLATION.

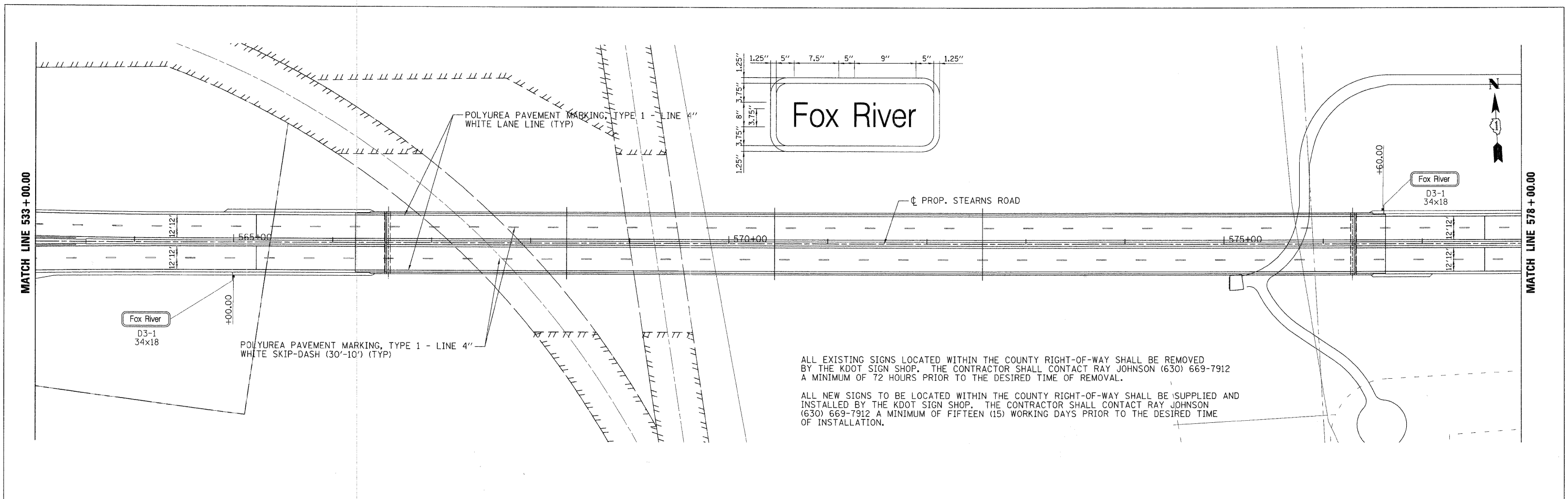
FILE NAME = PMK_070793_STEARNS_01.SHT	USER NAME = MWORMAN	DESIGNED <i>GT</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN - STEARNS ROAD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50'	CHECKED <i>MCW</i>	REVISED -					361	06-00214-20-BR	KANE	320	73
PLOT DATE = 1/16/2009	DATE = 01/16/09	REVISED -	SCALE: 1"= 50'    SHEET NO.    OF    SHEETS    STA. 503+00.00    TO    STA. 533+00.00			CONTRACT NO. 63075						
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



ALL EXISTING SIGNS LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE REMOVED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TIME OF REMOVAL.

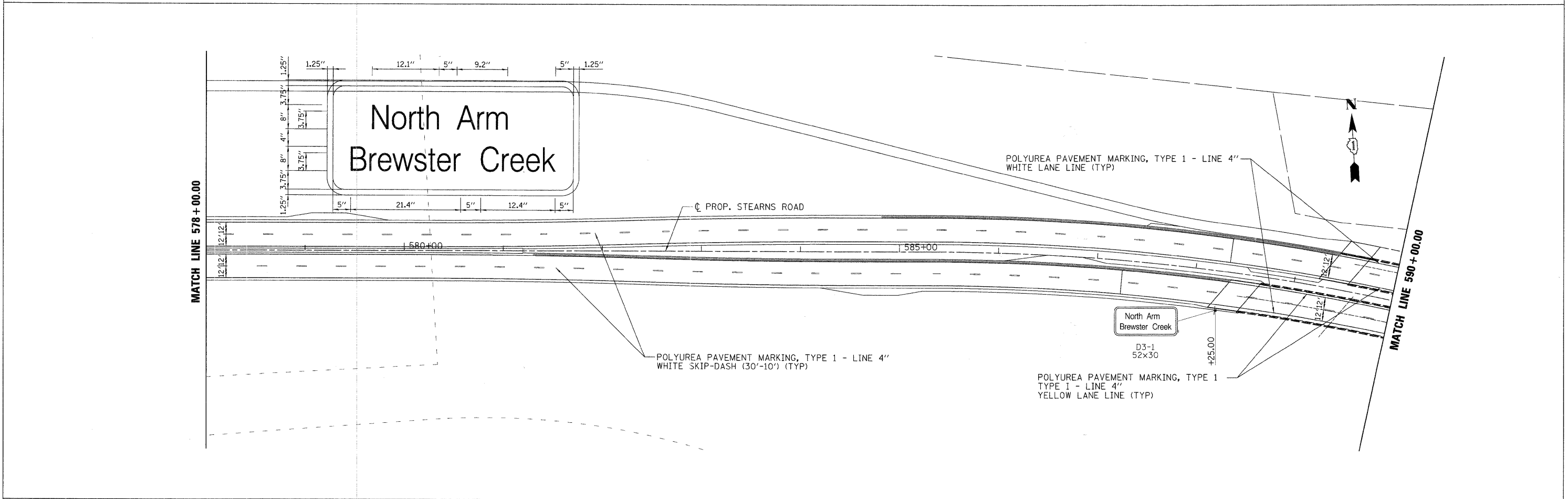
ALL NEW SIGNS TO BE LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE SUPPLIED AND INSTALLED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF FIFTEEN (15) WORKING DAYS PRIOR TO THE DESIRED TIME OF INSTALLATION.

FILE NAME = PHK_070793_STEARNS_02.SHT	USER NAME = MWORMAN	DESIGNED <i>GT</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN - STEARNS ROAD</b>			F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 74		
	PLOT SCALE = 5/8"	CHECKED <i>MCW</i>	REVISED -					CONTRACT NO. 63075						
	PLOT DATE = 1/16/2009	DATE - 01/16/09	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
	SCALE: 1"= 50'							SHEET NO. OF SHEETS		STA. 533+00.00 TO STA. 563+00.00				



ALL EXISTING SIGNS LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE REMOVED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TIME OF REMOVAL.

ALL NEW SIGNS TO BE LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE SUPPLIED AND INSTALLED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF FIFTEEN (15) WORKING DAYS PRIOR TO THE DESIRED TIME OF INSTALLATION.



FILE NAME = PMK_070793_STEARNS_03.SHT	USER NAME = MWORMAN	DESIGNED GT	REVISOR -
		DRAWN GT	REVISOR -
		CHECKED MCW	REVISOR -
		DATE 01/16/09	REVISOR -

DESIGNED GT	REVISOR -
DRAWN GT	REVISOR -
CHECKED MCW	REVISOR -
DATE 01/16/09	REVISOR -

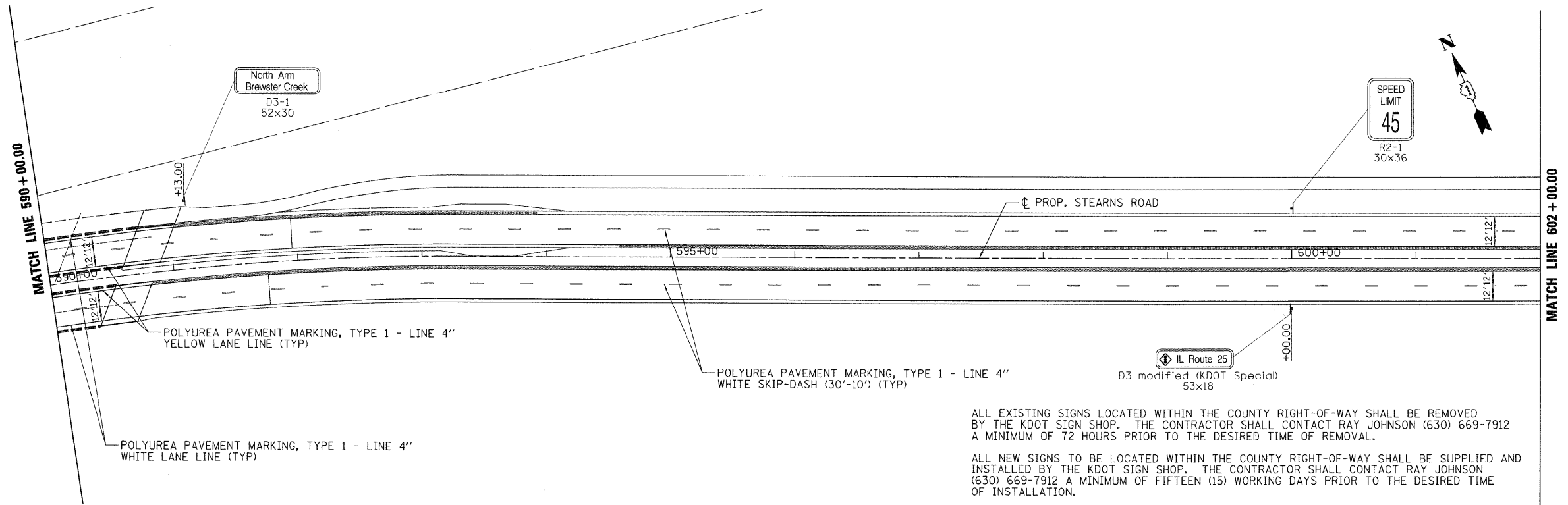
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN - STEARNS ROAD**

SCALE: 1"= 50'    SHEET NO.    OF    SHEETS    STA. 533+00.00    TO    STA. 590+00.00

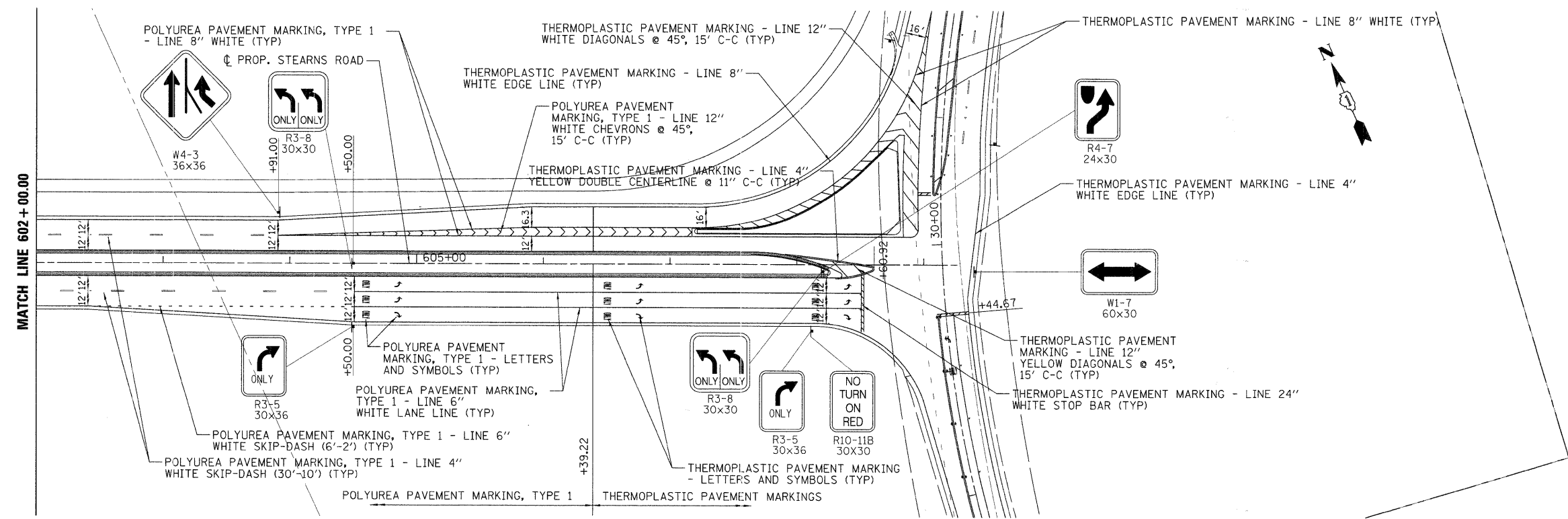
F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 75
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 63075



ALL EXISTING SIGNS LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE REMOVED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TIME OF REMOVAL.

ALL NEW SIGNS TO BE LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE SUPPLIED AND INSTALLED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF FIFTEEN (15) WORKING DAYS PRIOR TO THE DESIRED TIME OF INSTALLATION.



FILE NAME =  
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DRAWN GT  
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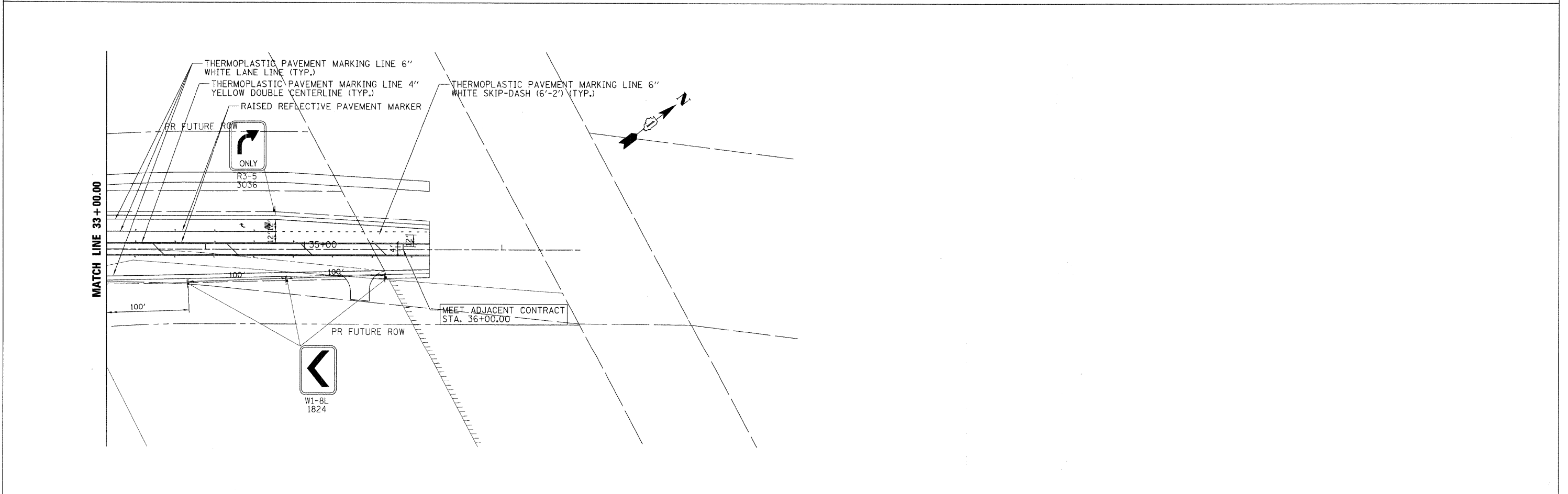
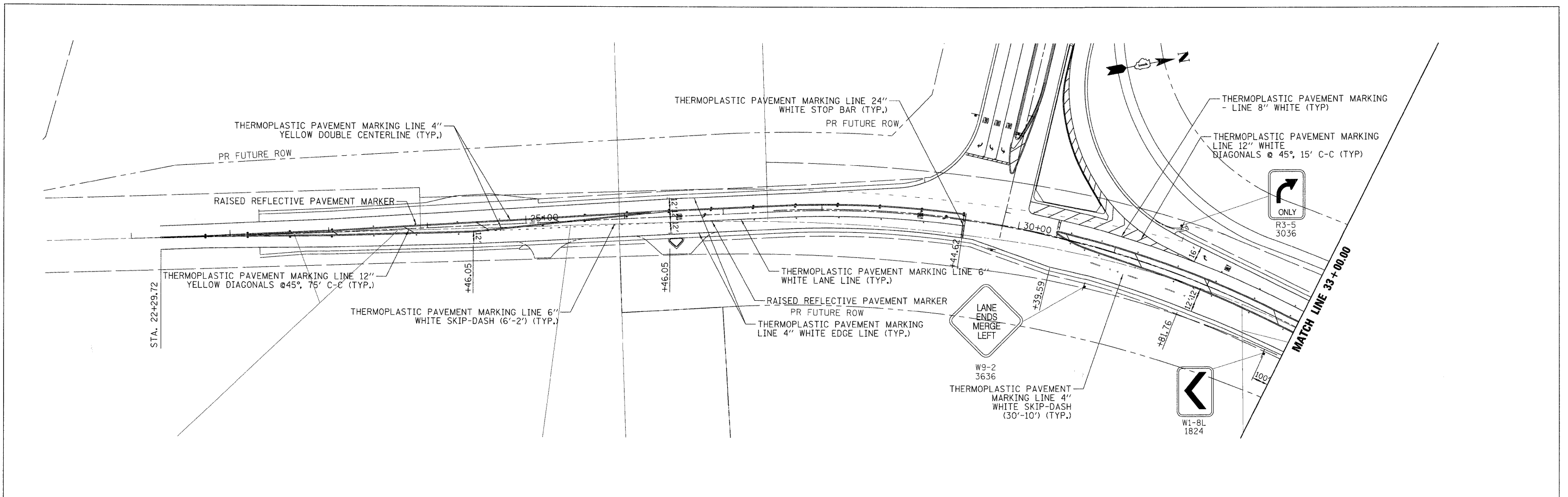
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

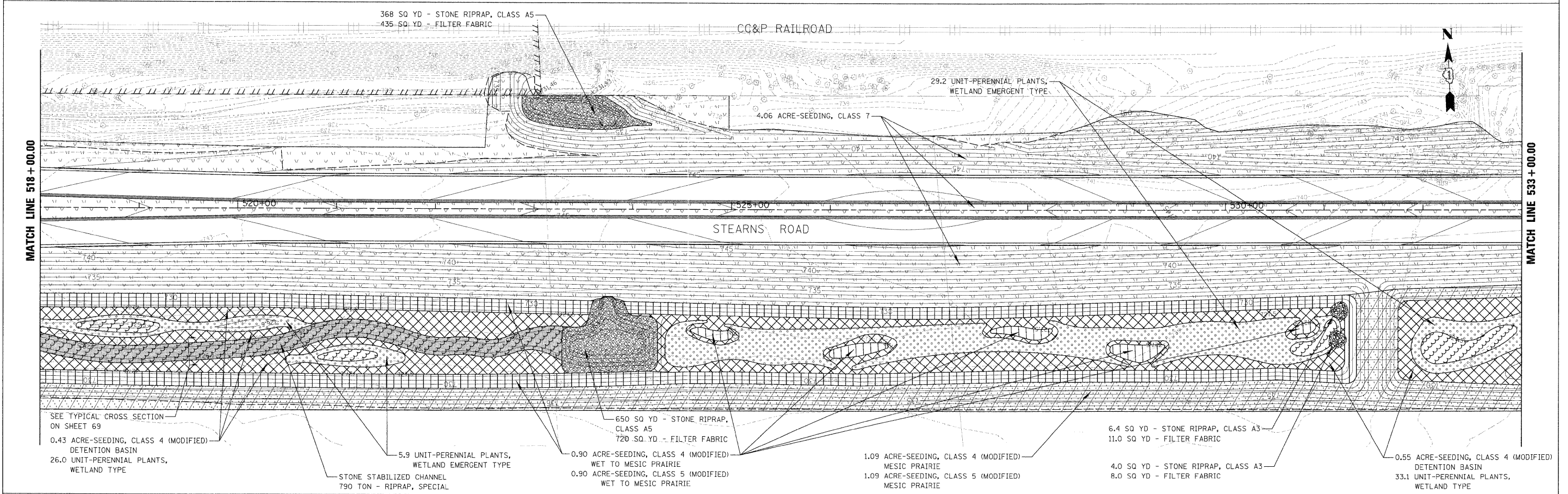
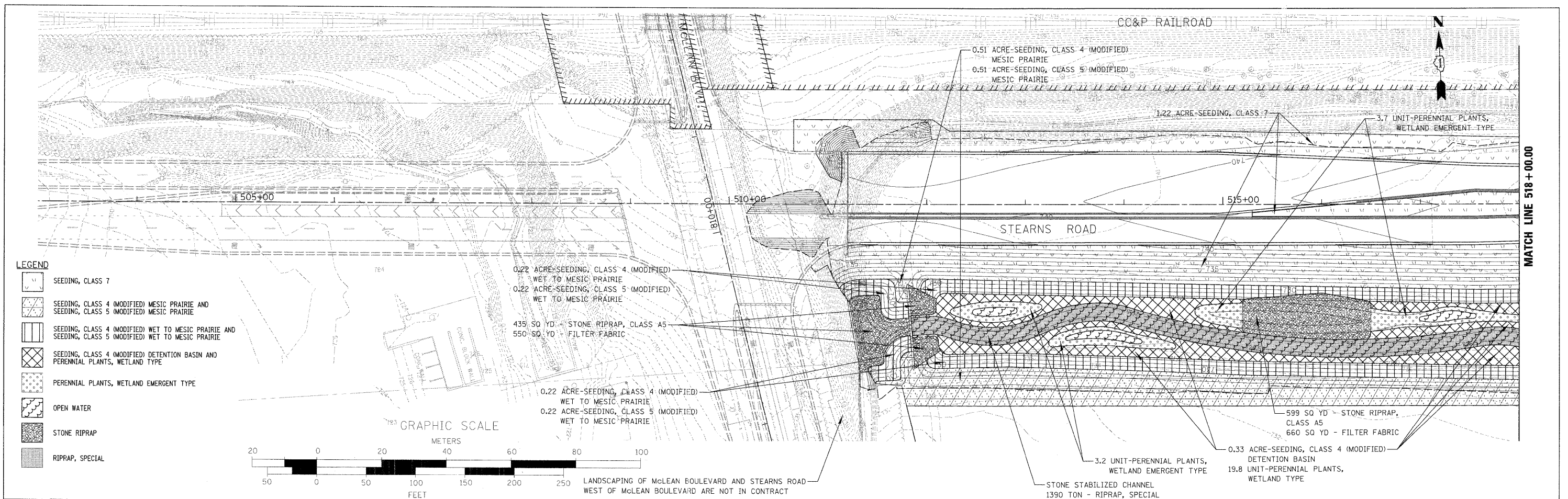
**PAVEMENT MARKING AND SIGNING PLAN - STEARNS ROAD**

SCALE: 1"= 50' SHEET NO. OF SHEETS STA. 590+00.00 TO STA. 609+26.95

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	76
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

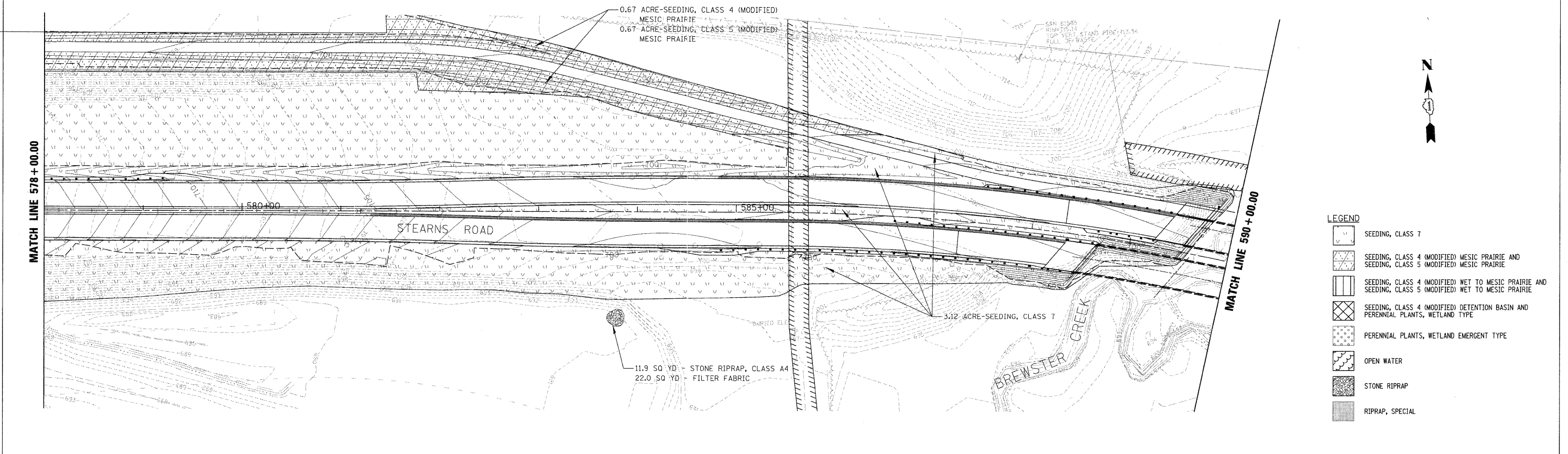
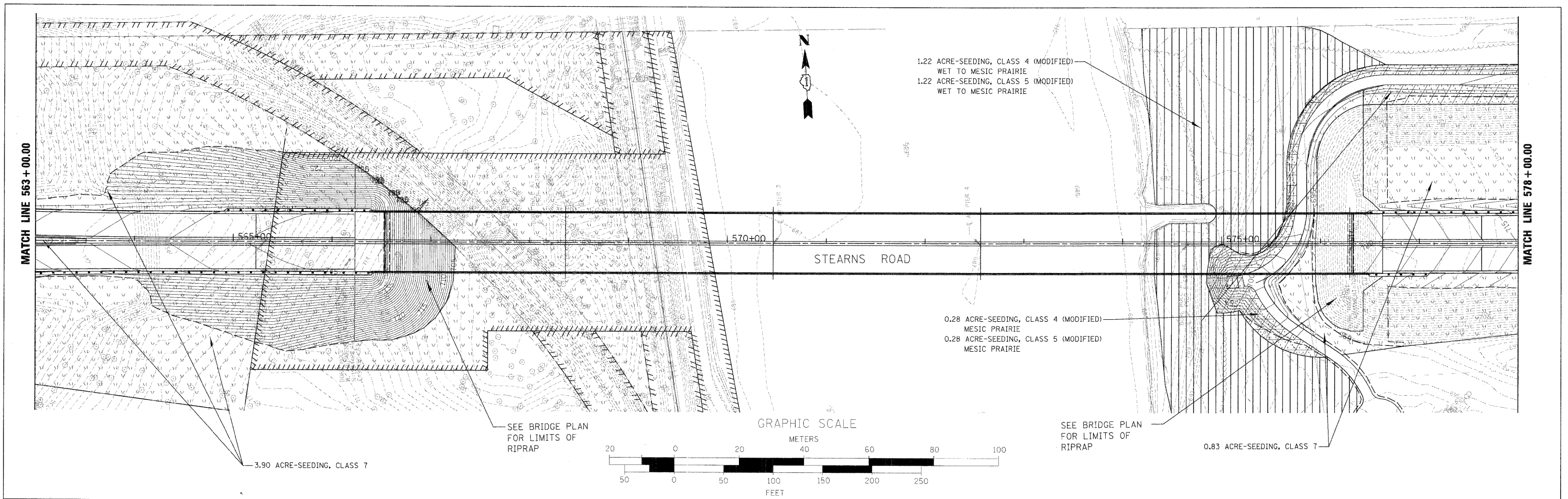


FILE NAME = PMK_070793_RTE25_01.SHT	USER NAME = MWORMAN	DESIGNED <i>GT</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN - IL ROUTE 25	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50'	CHECKED <i>MCW</i>	REVISED -			361	06-00214-20-BR	KANE	320	77
PLOT DATE = 1/16/2009	DATE = 01/16/09	REVISED -	REVISED -	SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 21+00.00 TO STA. 37+81.37		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



FILE NAME = LSP_070793_01.SHT	USER NAME = dvr-mand	DESIGNED - LT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STEARNS ROAD LANDSCAPING PLAN</b>	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 78
PLOT SCALE = 5/8"	CHECKED - JWW	REVISED -	REVISED -			CONTRACT NO.				
PLOT DATE = 1/14/2009	DATE - 1/16/09	REVISED -	REVISED -			SCALE: 1"= 50' SHEET NO. 1 OF 6 SHEETS STA. 503+00.00 TO STA. 533+00.00				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





**LEGEND**

	SEEDING, CLASS 7
	SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE
	SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE
	SEEDING, CLASS 4 (MODIFIED) DETENTION BASIN AND PERENNIAL PLANTS, WETLAND TYPE
	PERENNIAL PLANTS, WETLAND EMERGENT TYPE
	OPEN WATER
	STONE RIPRAP
	RIPRAP, SPECIAL

FILE NAME = LSP\_070793\_03.SHT

USER NAME = dvmrmand	DESIGNED - LT	REVISED -
	DRAWN - DJV	REVISED -
PLOT SCALE = 50'	CHECKED - JWW	REVISED -
PLOT DATE = 2/3/2009	DATE - 1/16/09	REVISED -

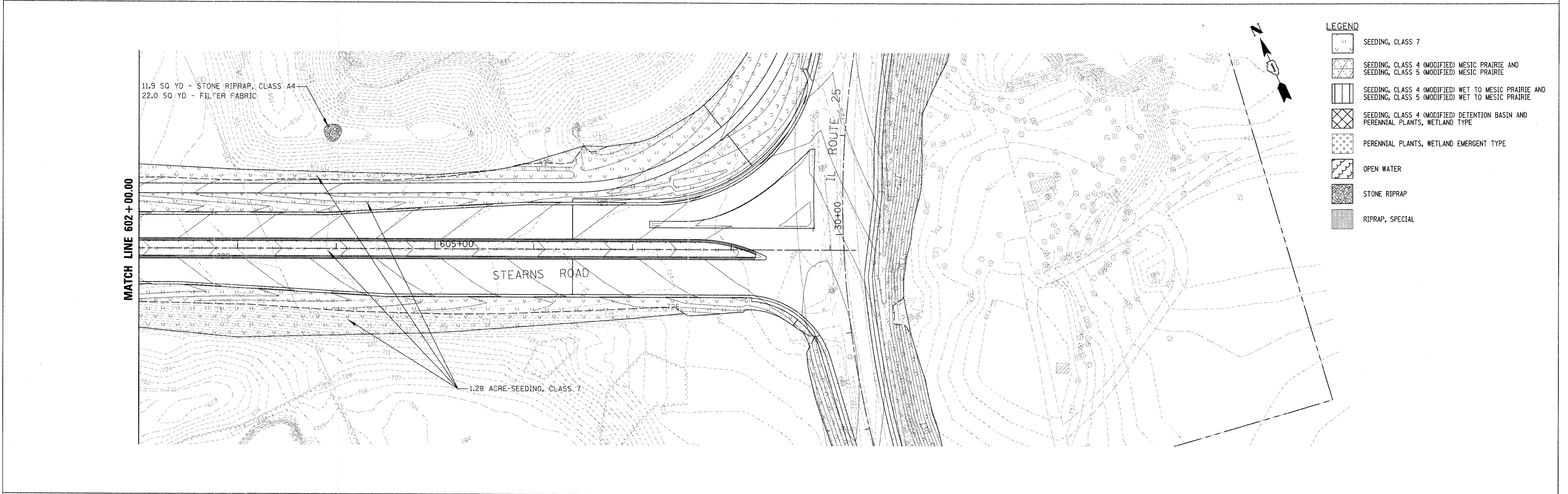
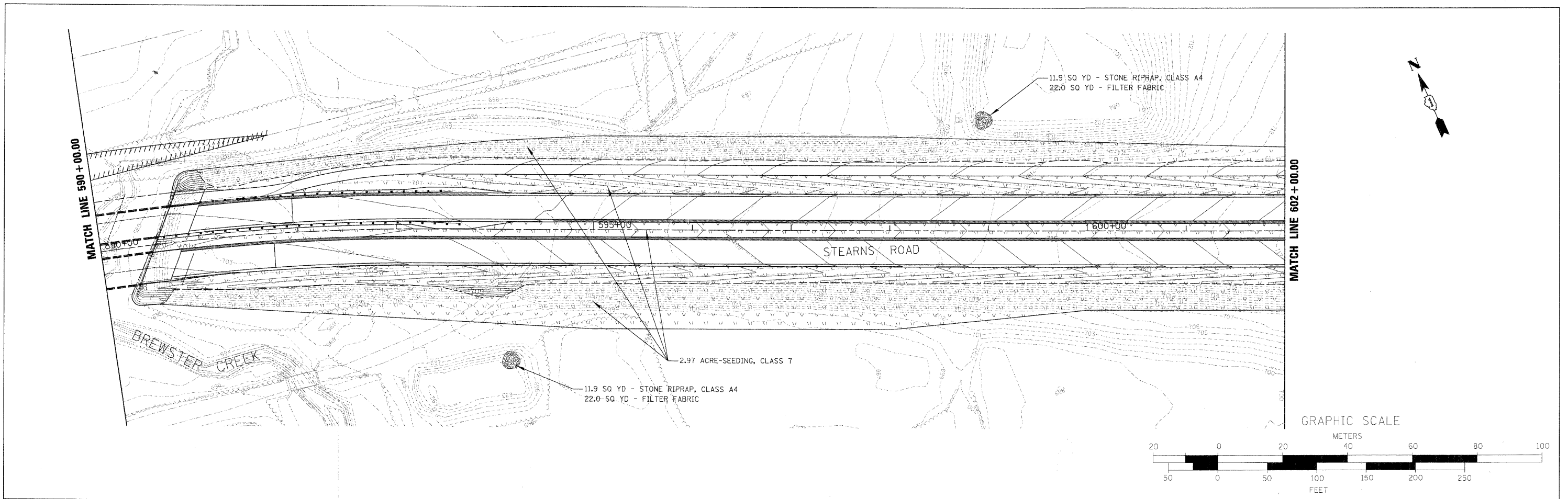
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STEARNS ROAD  
LANDSCAPING PLAN**

SCALE: 1"= 50'      SHEET NO. 3 OF 6 SHEETS      STA. 563+00.00 TO STA. 590+00.00

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 80
CONTRACT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

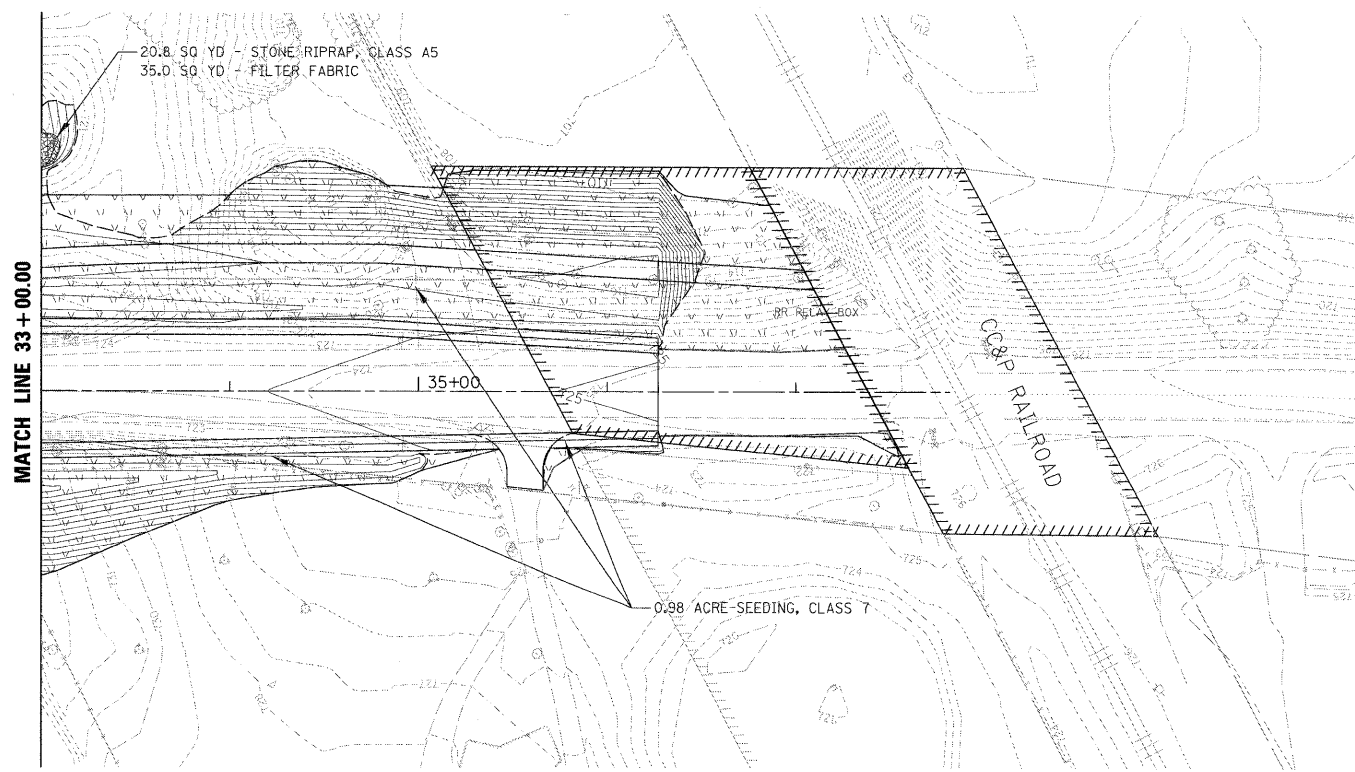
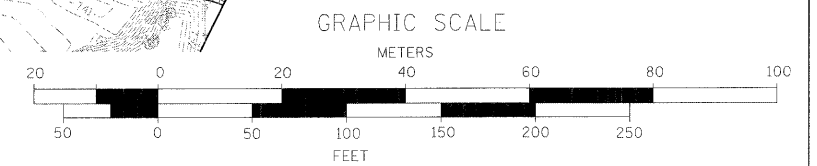
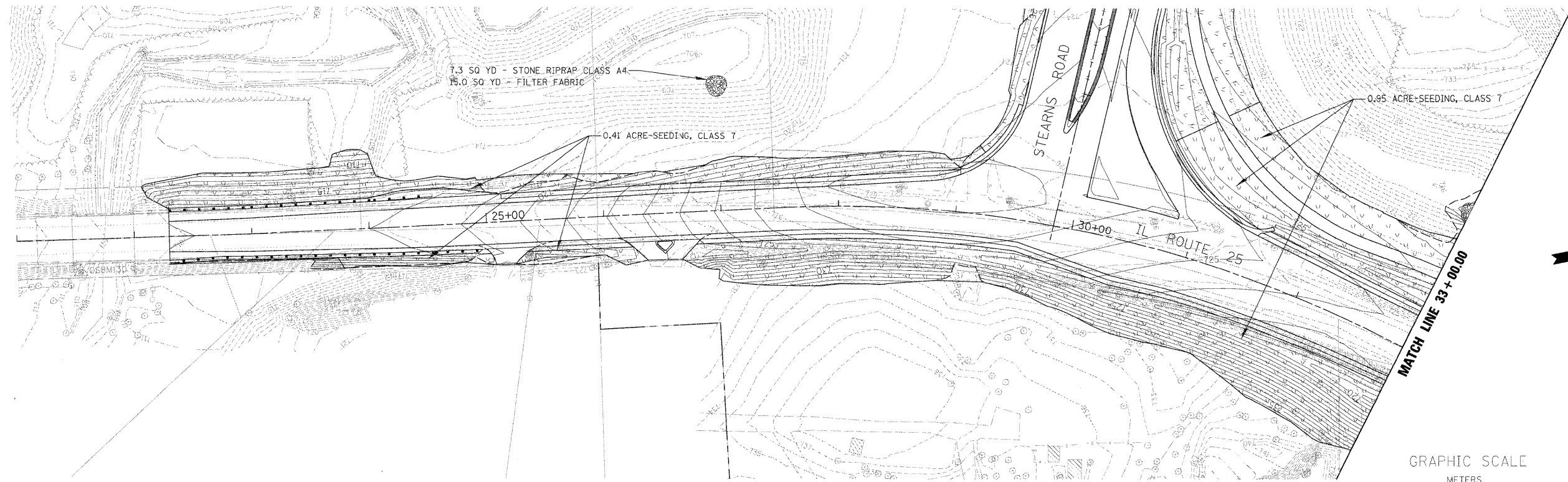




**LEGEND**

	SEEDING, CLASS 7
	SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE
	SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE
	SEEDING, CLASS 4 (MODIFIED) DETENTION BASIN AND PERENNIAL PLANTS, WETLAND TYPE
	PERENNIAL PLANTS, WETLAND EMERGENT TYPE
	OPEN WATER
	STONE RIPRAP
	RIPRAP, SPECIAL

FILE NAME = LSP_070793_04.SHT	USER NAME = dvsrmond	DESIGNED - LT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STEARNS ROAD LANDSCAPING PLAN</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 81	
PLOT SCALE = 1/8"	CHECKED - JWW	REVISED -	REVISED -		SCALE: 1"= 50'	SHEET NO. 4 OF 6 SHEETS	STA. 590+00.00 TO STA. 609+26.95	CONTRACT NO.				
PLOT DATE = 1/14/2009	DATE - 1/16/09	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



- LEGEND**
- SEEDING, CLASS 7
  - SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE
  - SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE
  - SEEDING, CLASS 4 (MODIFIED) DETENTION BASIN AND PERENNIAL PLANTS, WETLAND TYPE
  - PERENNIAL PLANTS, WETLAND EMERGENT TYPE
  - OPEN WATER
  - STONE RIPRAP
  - RIPRAP, SPECIAL

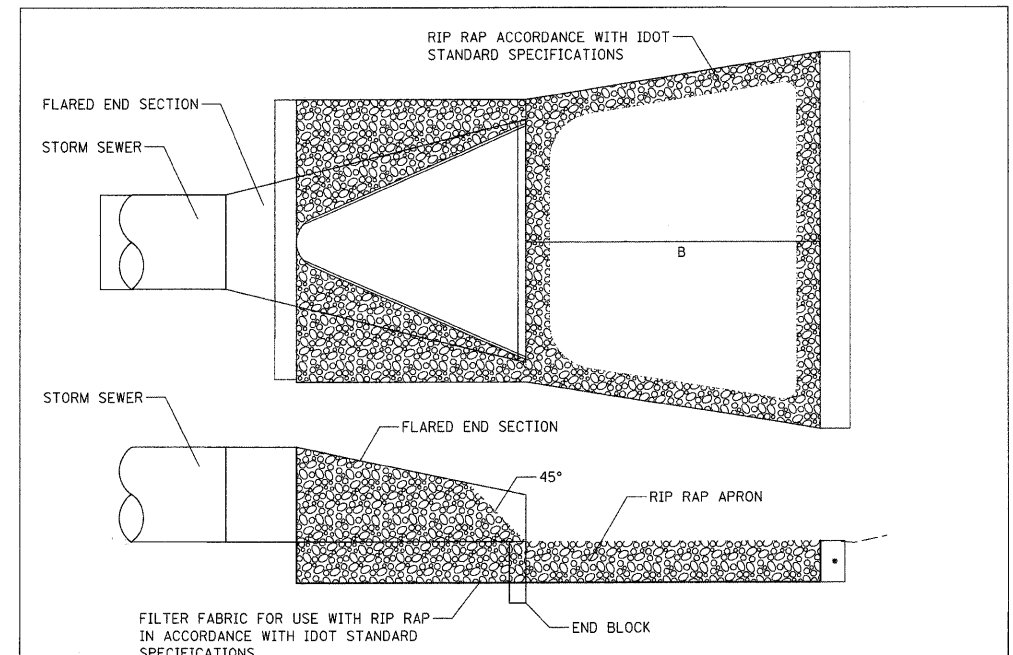
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USER NAME = dvr:mamd	DESIGNED - MSK	REVISED -
	DRAWN - DJV	REVISED -
PLOT SCALE = 5/8"	CHECKED - JWW	REVISED -
PLOT DATE = 1/14/2009	DATE - 1/16/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 25  
LANDSCAPING PLAN**  
SCALE: 1"= 50' SHEET NO. 5 OF 6 SHEETS STA. 21+00.00 TO STA. 37+81.37

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 82
CONTRACT NO. ILLINOIS FED. AID PROJECT				

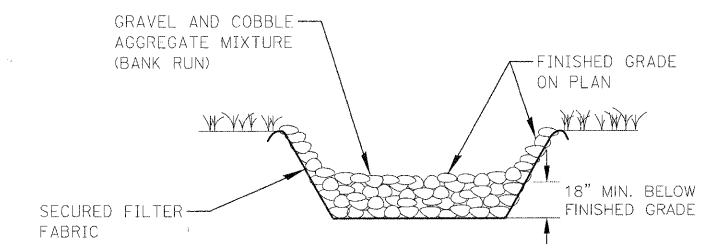


**STONE RIPRAP DETAIL**  
1 OF 2

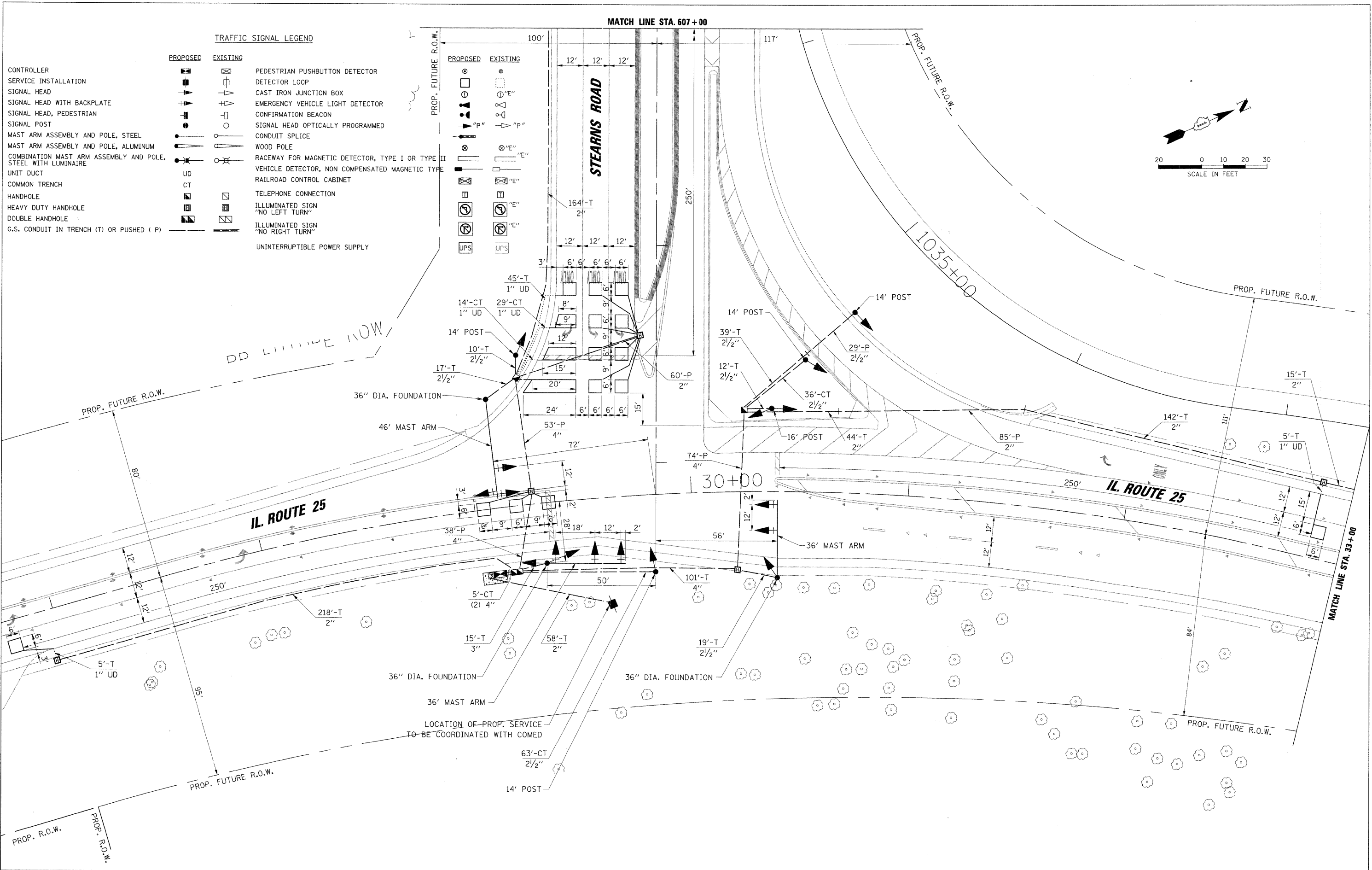
PIPE DIAMETER (IN.) D	RIP RAP							BEDDING	
	STONE RIP RAP							GRADATION	MINIMUM THICKNESS (IN.) C
	QUALITY DESIGNATION	GRADATION NUMBER	MINIMUM THICKNESS (IN.) A	MINIMUM LENGTH (FT.) B	WEIGHT RANGE (#)	WEIGHT AVERAGE (#)	SIZE AVERAGE (IN.)		
12	A	3	12"	12'	1-50	10	4.5"	N/A	N/A
15	A	3	14"	14'	1-50	10	4.5"	N/A	N/A
18	A	4	16"	16'	1-150	40	7"	1 OR CA-3	6"
21	A	4	18"	18'	1-150	40	7"	1 OR CA-3	6"
24	A	4	20"	20'	1-150	40	7"	1 OR CA-3	6"
30	A	4	22"	22'	1-150	40	7"	1 OR CA-3	6"
36	A	5	24"	24'	3-400	90	10"	1 OR CA-3	8"
42	A	5	26"	26'	3-400	90	10"	1 OR CA-3	8"
48	A	6	28"	28'	6-600	170	12"	2 OR CA-1	10"
54	A	6	32"	32'	6-600	170	12"	2 OR CA-1	10"
60	A	6	36"	36'	6-600	170	12"	2 OR CA-1	10"
72	A	6	44"	44'	6-600	170	12"	2 OR CA-1	10"

- NOTE:**
- FOR PIPE SIZE 72" AND LARGER A SPECIAL DESIGN OF RIP RAP OR APRON IS REQUIRED.
  - GRADATION REFER TO IDOT SPECIFICATIONS AND STANDARDS.

**STONE RIPRAP DETAIL**  
2 OF 2



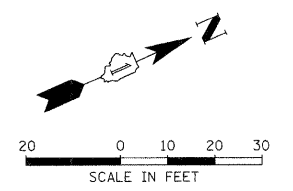
**RIPRAP, SPECIAL TYPICAL CROSS-SECTION**  
N.T.S.



**TRAFFIC SIGNAL LEGEND**

PROPOSED	EXISTING	DESCRIPTION
[Symbol]	[Symbol]	PEDESTRIAN PUSHBUTTON DETECTOR
[Symbol]	[Symbol]	DETECTOR LOOP
[Symbol]	[Symbol]	CAST IRON JUNCTION BOX
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED
[Symbol]	[Symbol]	CONDUIT SPLICE
[Symbol]	[Symbol]	WOOD POLE
[Symbol]	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
[Symbol]	[Symbol]	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
[Symbol]	[Symbol]	RAILROAD CONTROL CABINET
[Symbol]	[Symbol]	TELEPHONE CONNECTION
[Symbol]	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"
[Symbol]	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"
[Symbol]	[Symbol]	UNINTERRUPTIBLE POWER SUPPLY

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)



FILE NAME =  
TSD1\_IL25-Stearns.dgn

USER NAME = GTINE  
DESIGNED ABR  
DRAWN FPB  
CHECKED GMZ  
DATE 01/16/09

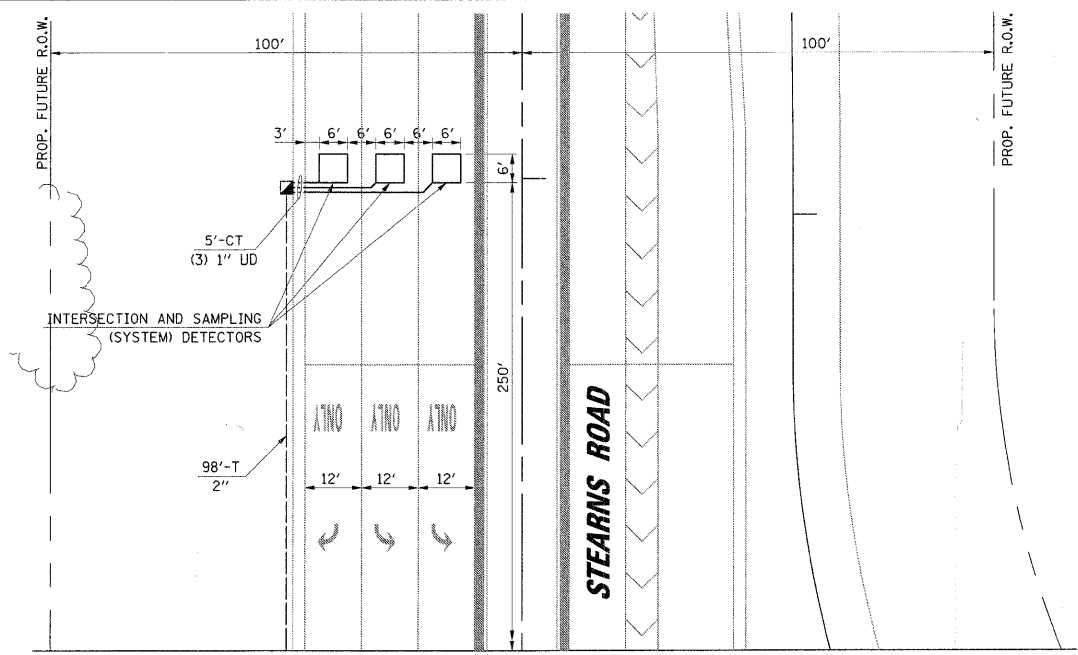
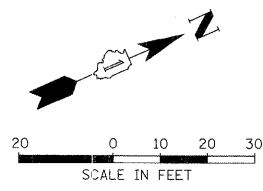
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

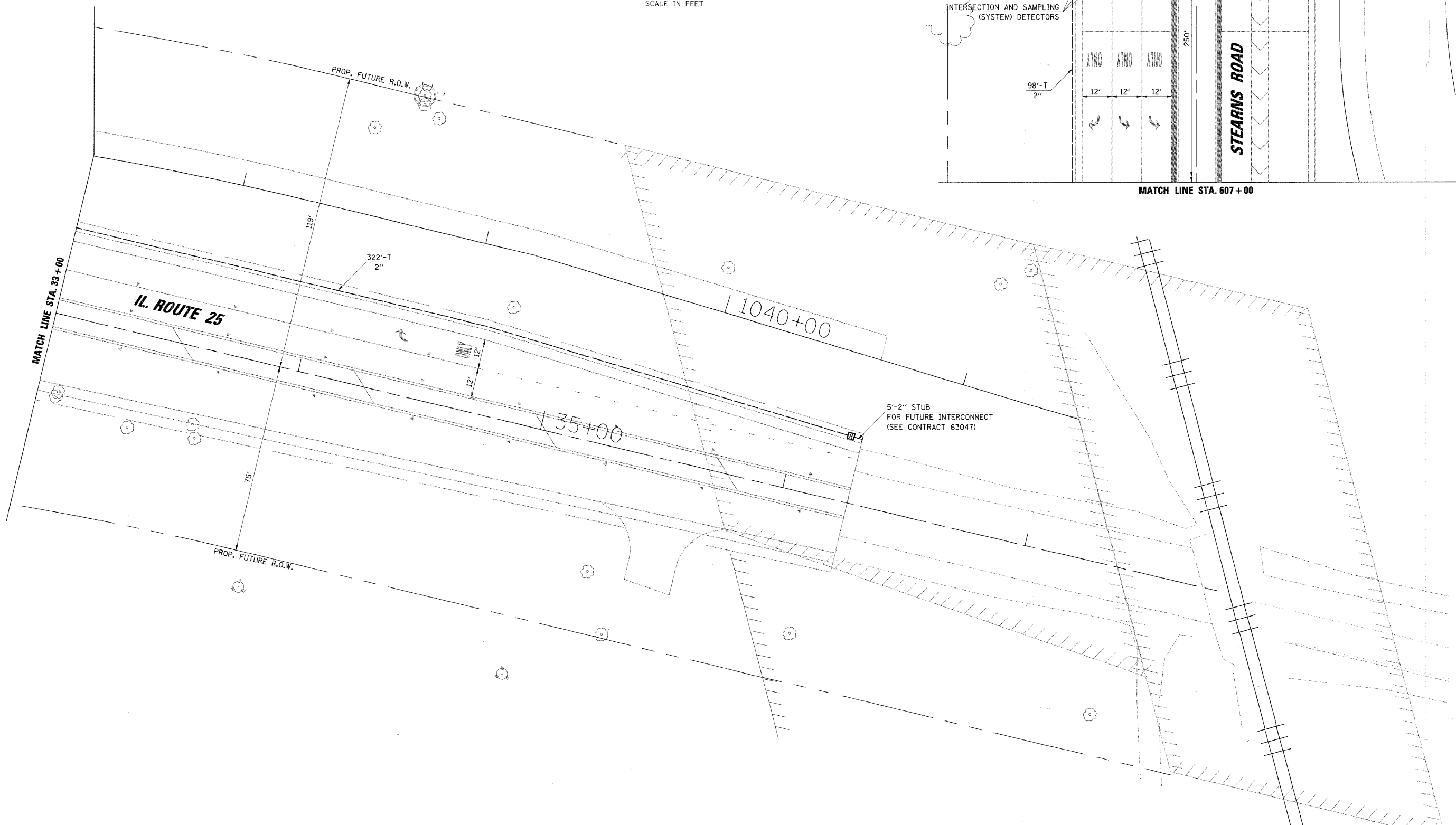
**TRAFFIC SIGNAL INSTALLATION PLAN  
IL. ROUTE 25 AT STEARNS ROAD**

SCALE: 1"= 20'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	84
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 607+00



FILE NAME =  
TSD2\_IL25-Stearns.dgn

USER NAME = GTINE

DESIGNED ABR

REVISED -

DRAWN FPB

REVISED -

PLOT SCALE = 20'

CHECKED GMZ

REVISED -

PLOT DATE = 1/14/2009

DATE 01/16/09

REVISED -

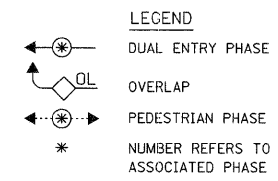
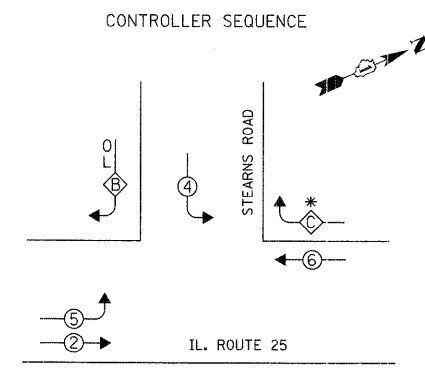
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN  
IL. ROUTE 25 AT STEARNS ROAD**

SCALE: 1"= 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	85
CONTRACT NO. 63075				

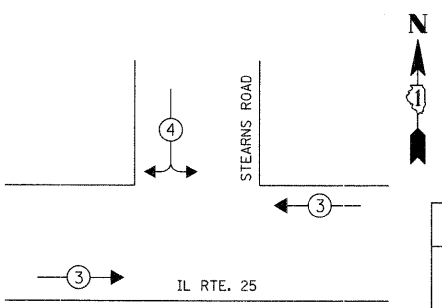
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5
* C	CONTINUOUS OVERLAP (FREE FLOW RIGHT)	

EMERGENCY VEHICLE PREEMPTION SEQUENCE

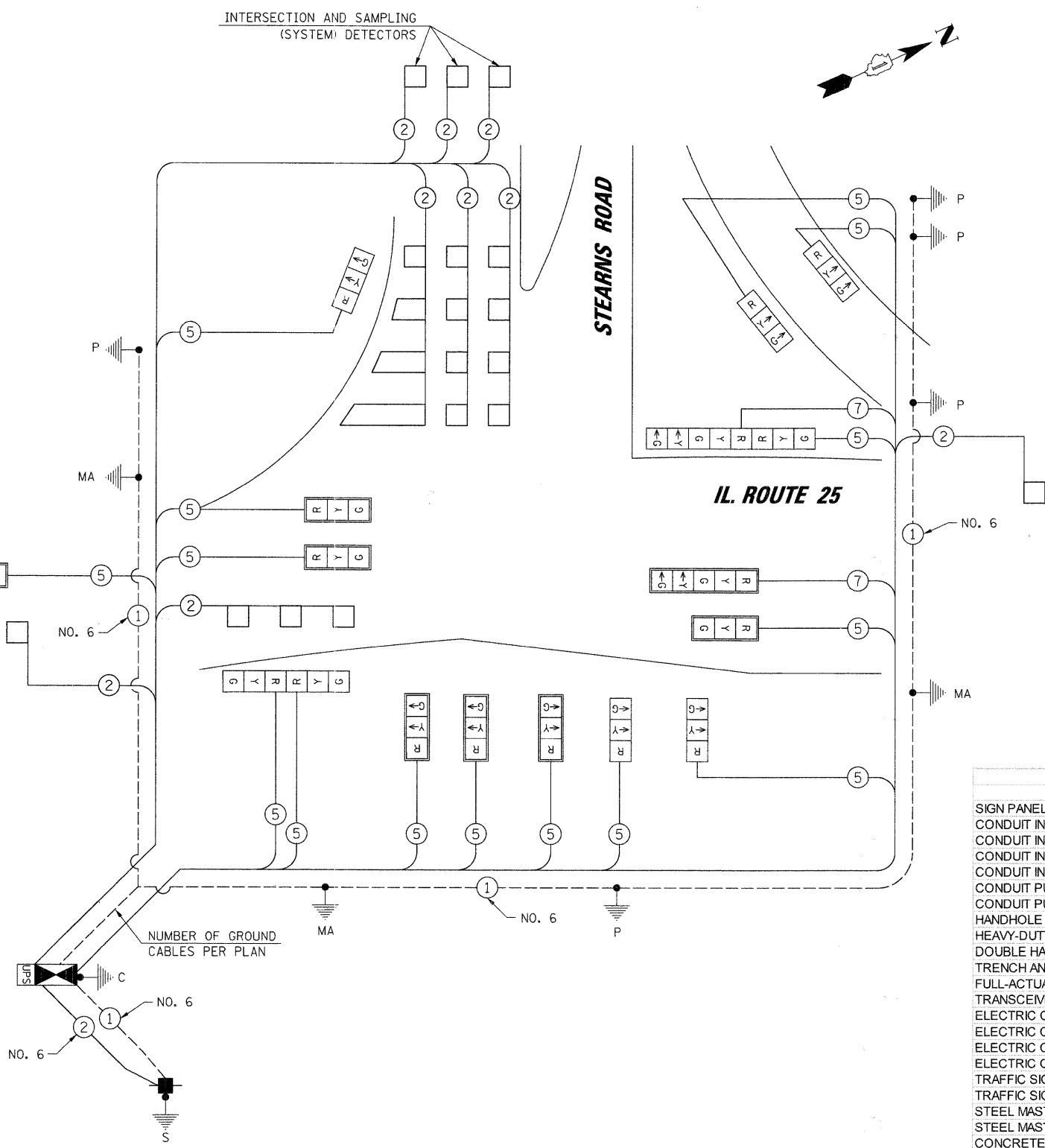


PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	← ↘ ↙ →

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND. LED	X % OPERATION		
SIGNAL (RED)	17	17	0.50	144.50	
(YELLOW)	17	25	0.25	106.25	
(GREEN)	17	15	0.25	63.75	
ARROW	4	12	0.10	4.80	
PED. SIGNAL	-	25	1.00	-	
CONTROLLER	1	100	1.00	100.00	
LUMINAIRE		250	-	0.50	
ENERGY COSTS TO:				TOTAL =	419.30

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: MARTY RUBIN  
 PHONE: (847) 608 2400  
 COMPANY: COMED

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONTROLLER W/ UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'±L-2'±
D - CONTROLLER	4 (1.2)	SIGNAL POST	2 (1.0)		(6m±-0.6m)±
E - M. ARM POLE		CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
	30" (750mm)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	6 (1.8)
	36" (900mm)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
	42" (1050mm)	GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)



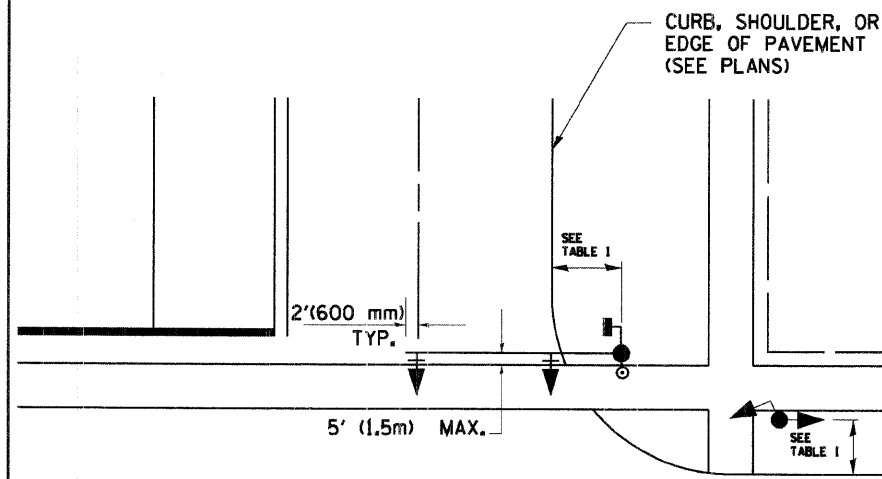
CABLE PLAN LEGEND		
EXISTING	PROPOSED	
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		2 DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		24 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
		SIGNAL FACE WITH BACKPLATE
		"P" INDICATES PROGRAMMED HEAD.
		RAILROAD CONTROL CABINET
		ILLUMINATED SIGN "NO LEFT TURN"
		ILLUMINATED SIGN "NO RIGHT TURN"
		H/C GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
		P GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
		S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
		UPS UNINTERRUPTIBLE POWER SUPPLY

SCHEDULE OF QUANTITIES		
ITEM	UNIT	TOTAL
SIGN PANEL TYPE 1	SQ FT	24
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1061
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	196
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	15
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	111
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	145
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	165
HANDHOLE	EACH	3
HEAVY-DUTY HANDHOLE	EACH	6
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1438
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2322
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	446
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2500
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	76
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	4
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	9
DETECTOR LOOP, TYPE I	FOOT	674
PREFORMED DETECTOR LOOP	FOOT	117
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUND NO. 6 1C	FOOT	627

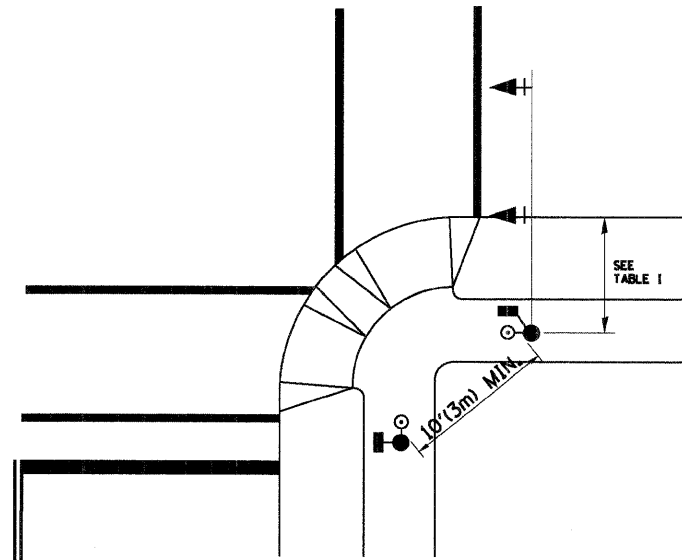


**TRAFFIC SIGNAL MAST ARM AND POST**

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA, INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



**PEDESTRIAN SIGNAL PUSHBUTTON**



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

**NOTES:**

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.  
 AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.  
 PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:  
 A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.  
 B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.  
 C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.  
 D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).  
 E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

**PEDESTRIAN SIGNAL POST**

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

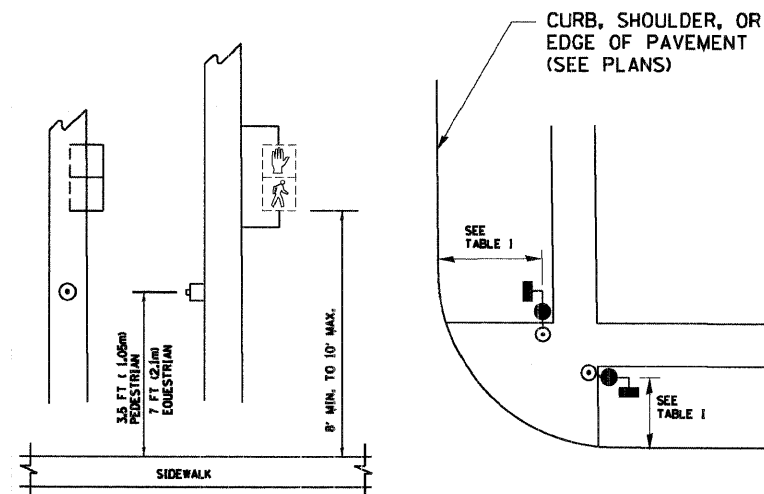


TABLE I

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

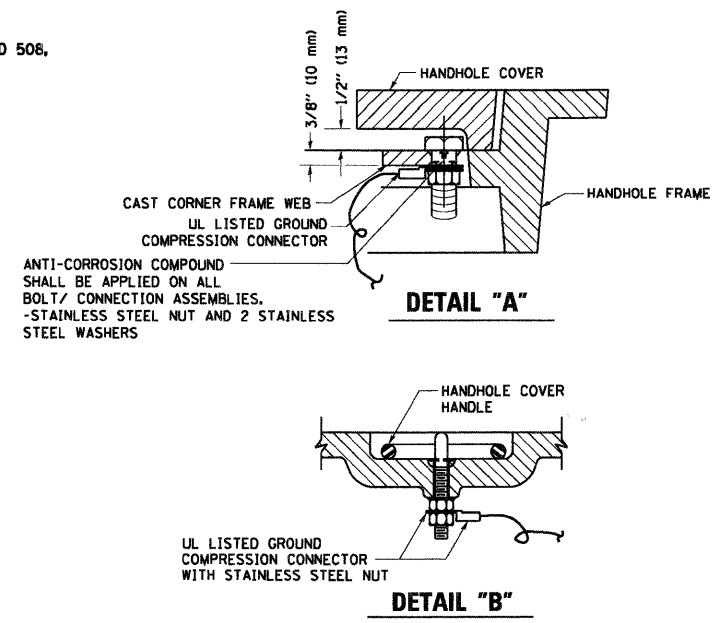
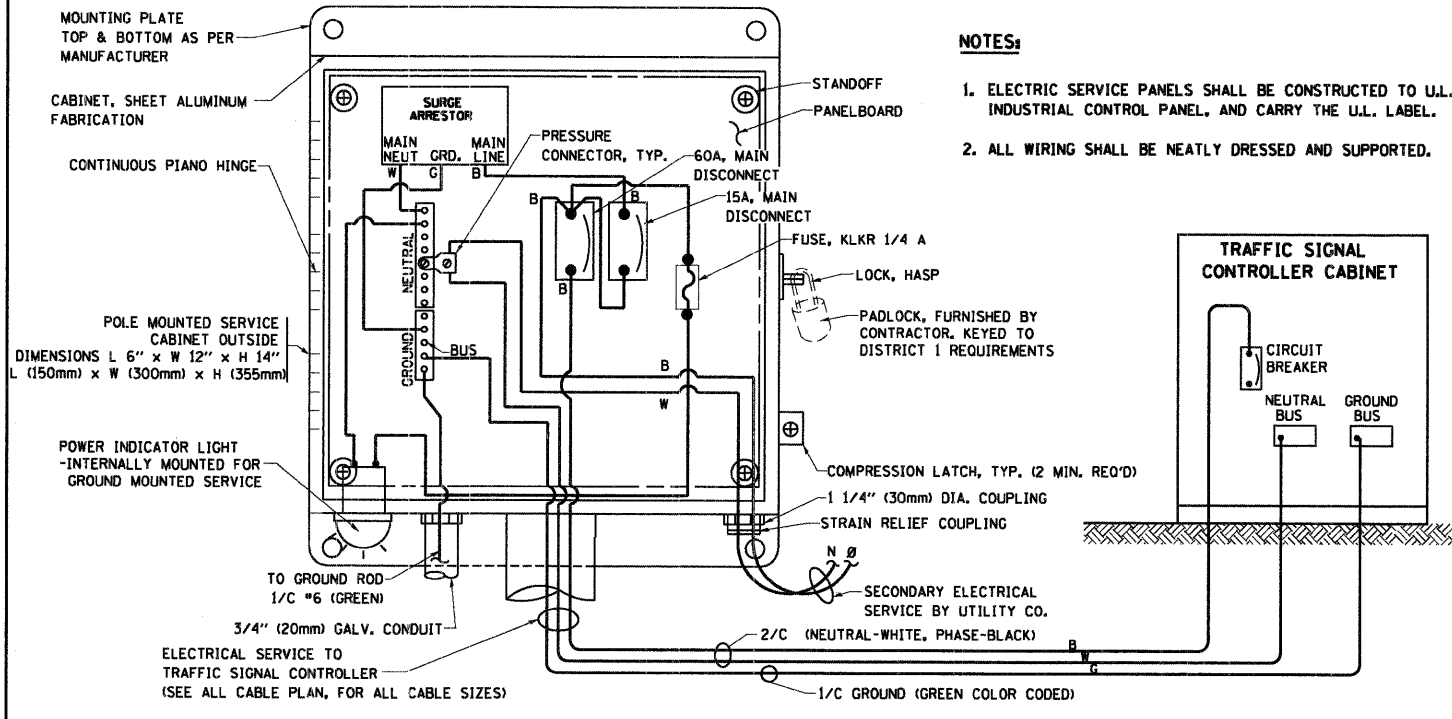
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		CHECKED - D.A.Z.	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.

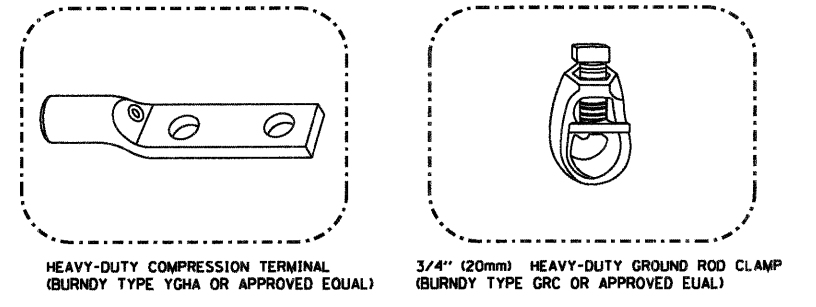
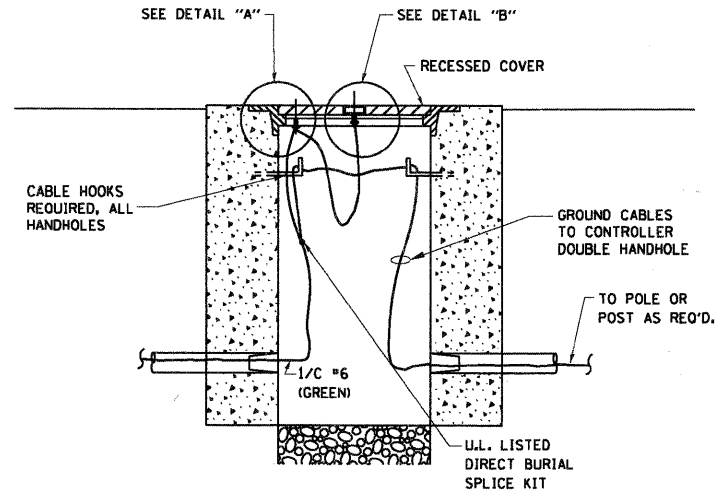
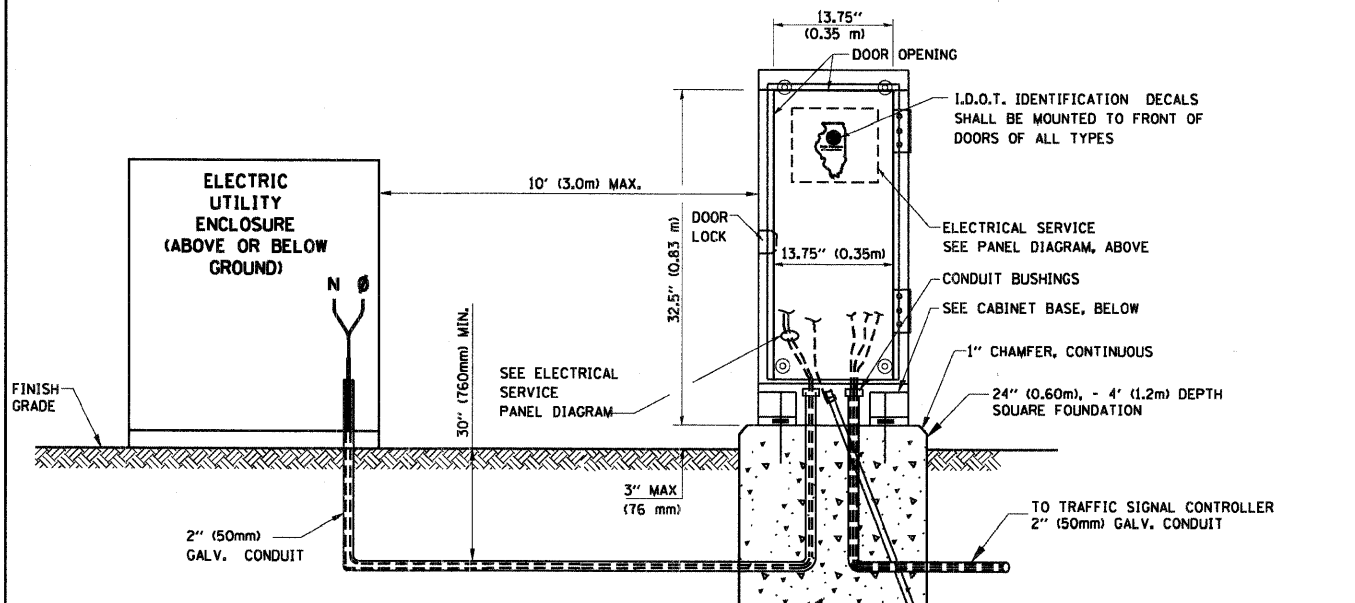
F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 88
TS-05		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





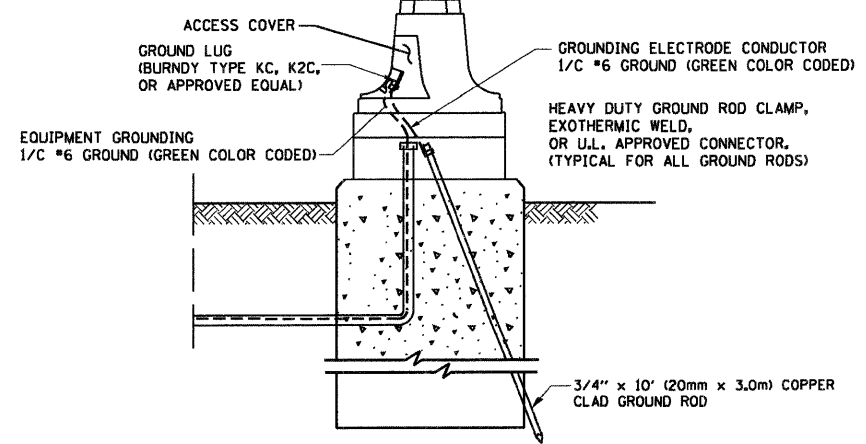
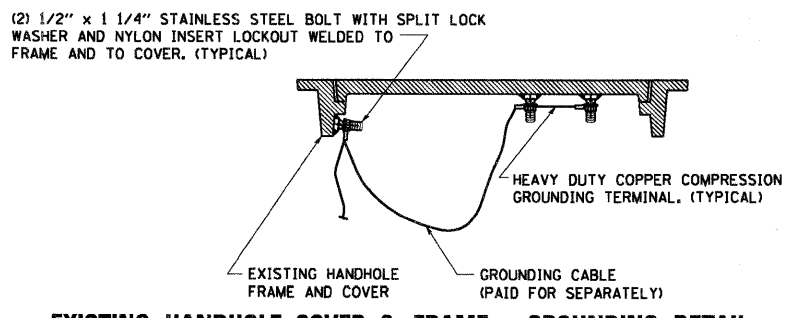
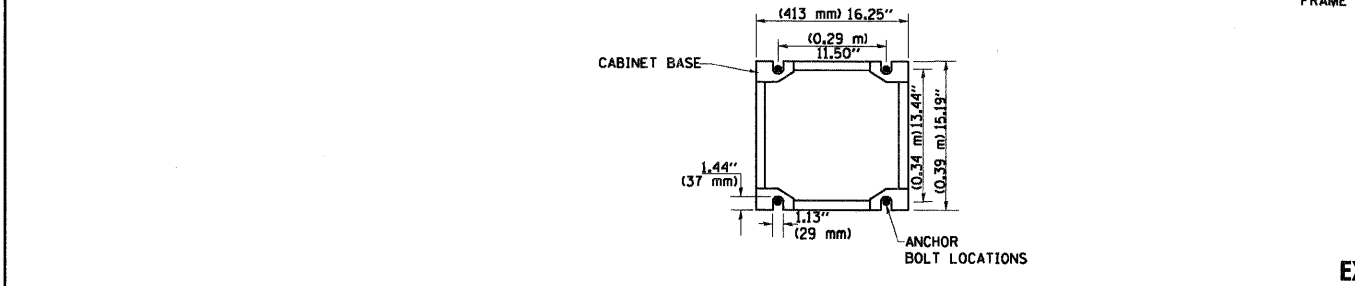
- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
  2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

**SERVICE INSTALLATION GROUND MOUNT**  
 (NOT TO SCALE)

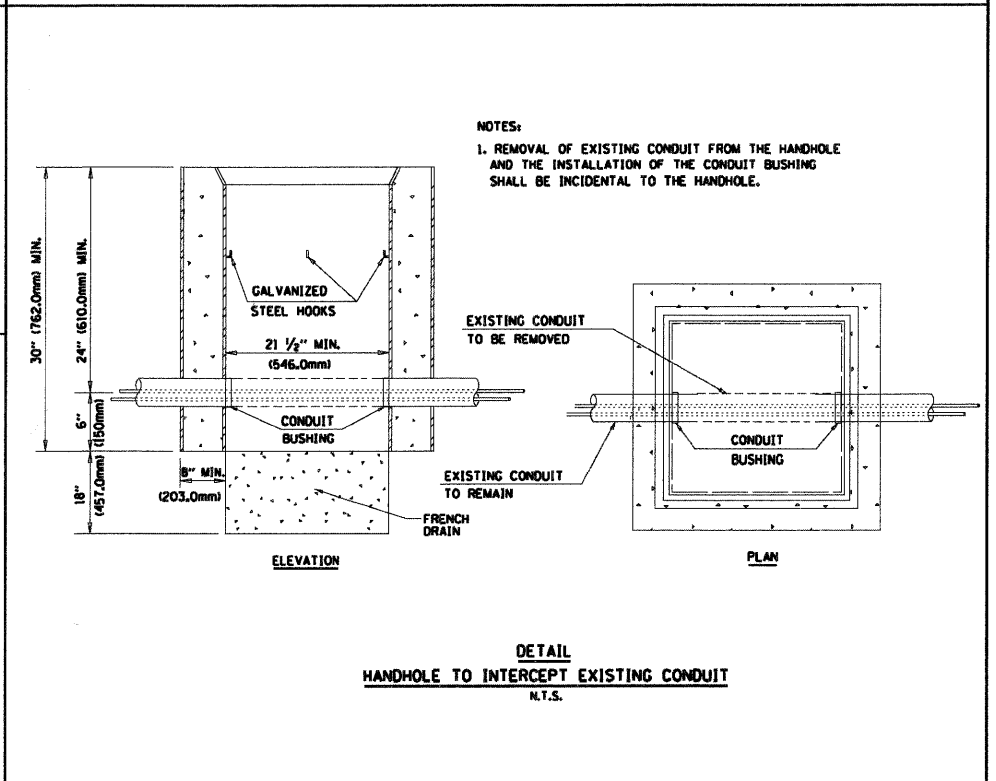
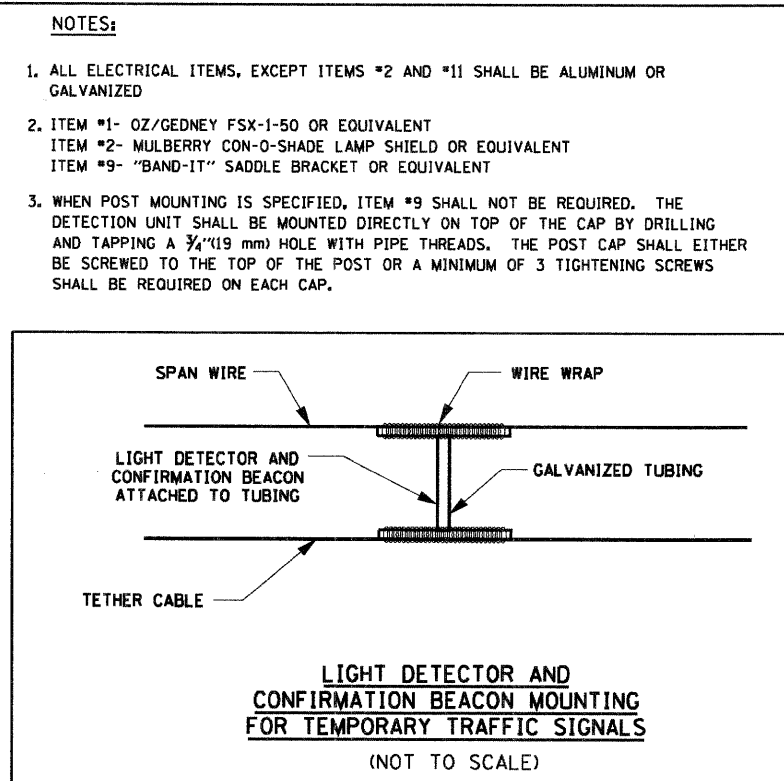
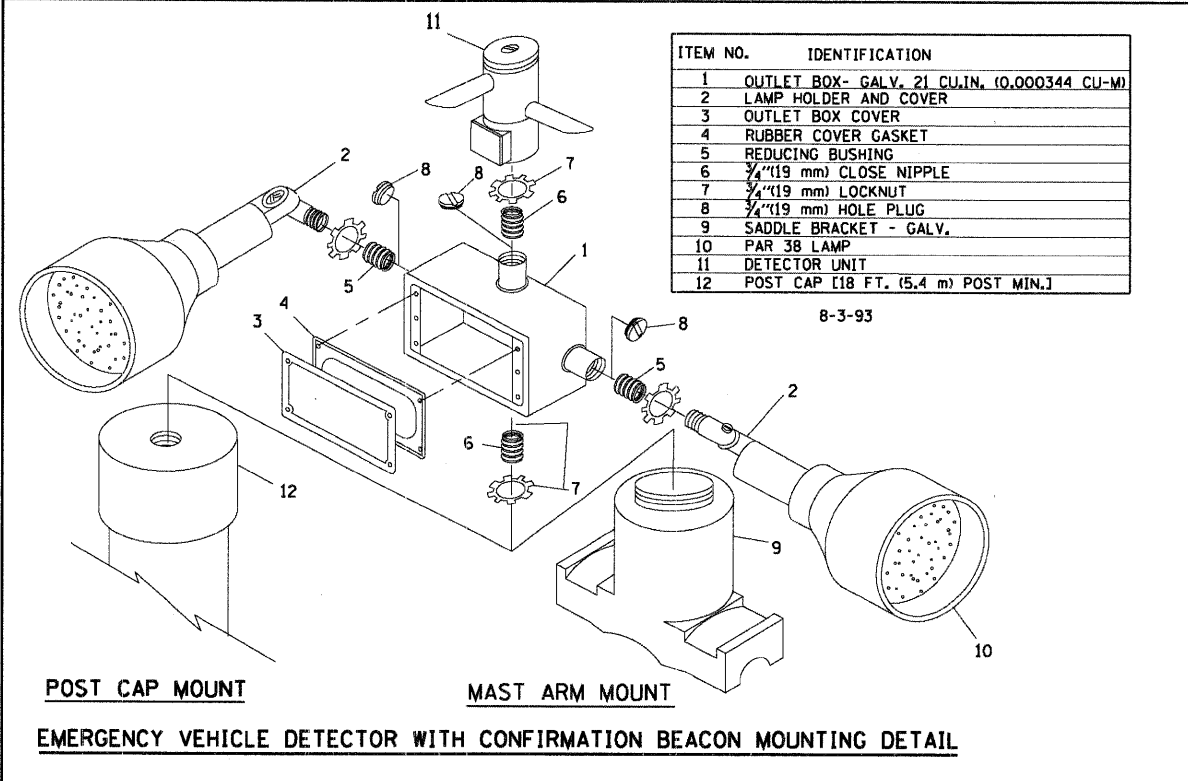
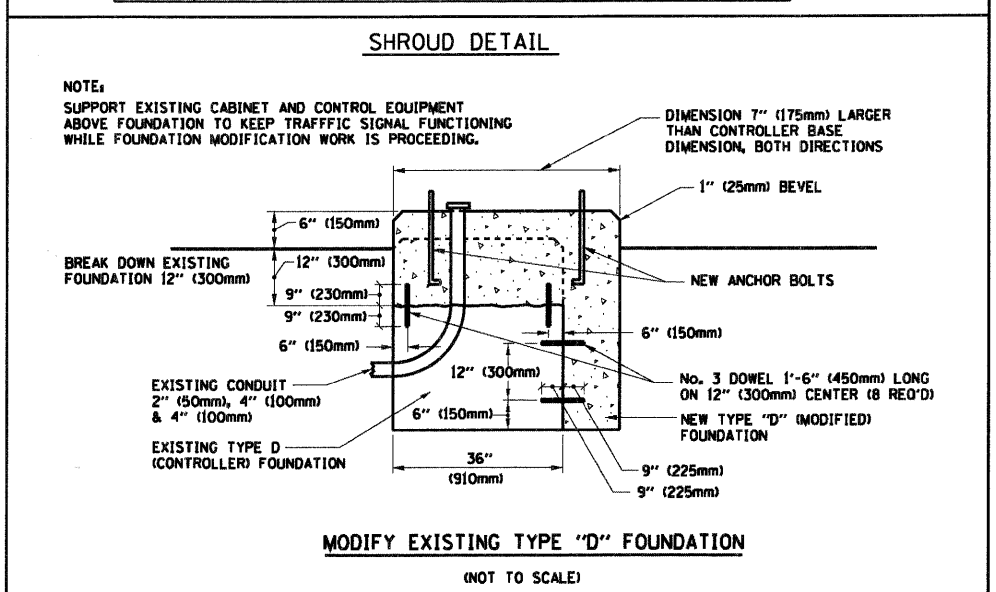
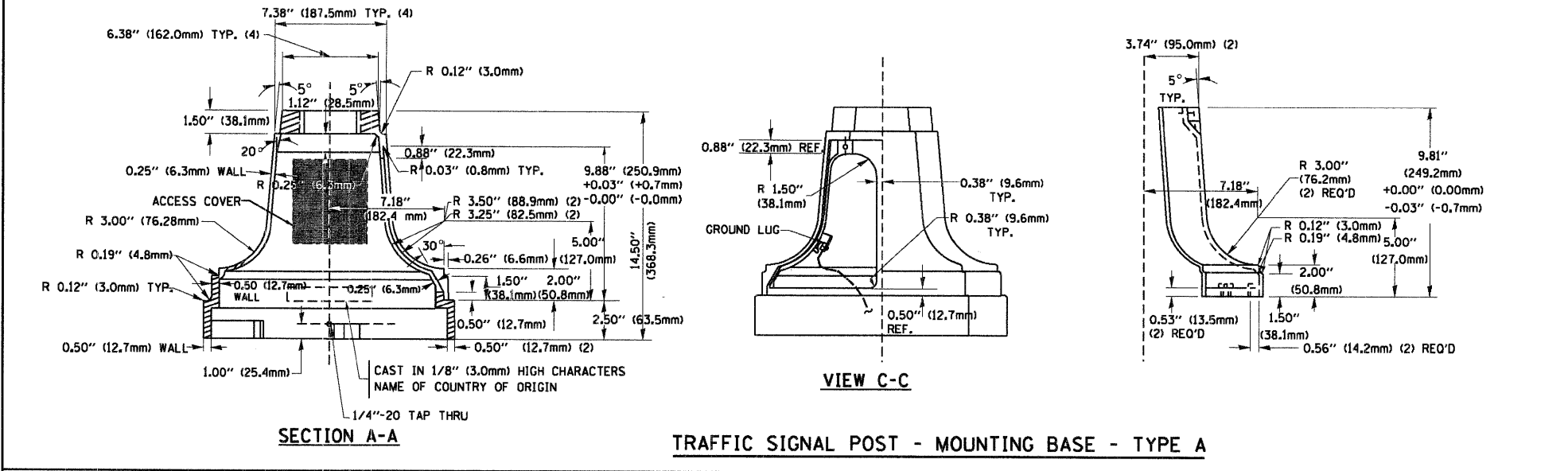
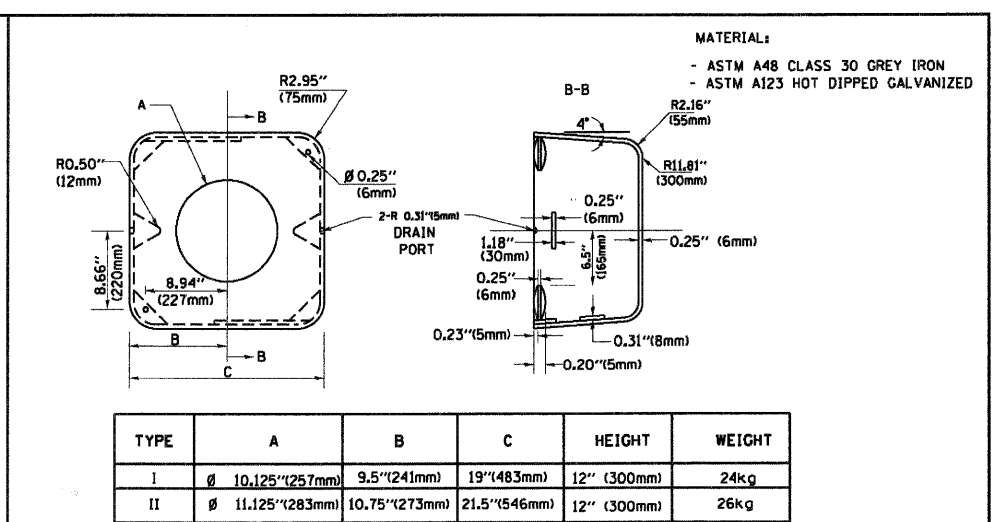
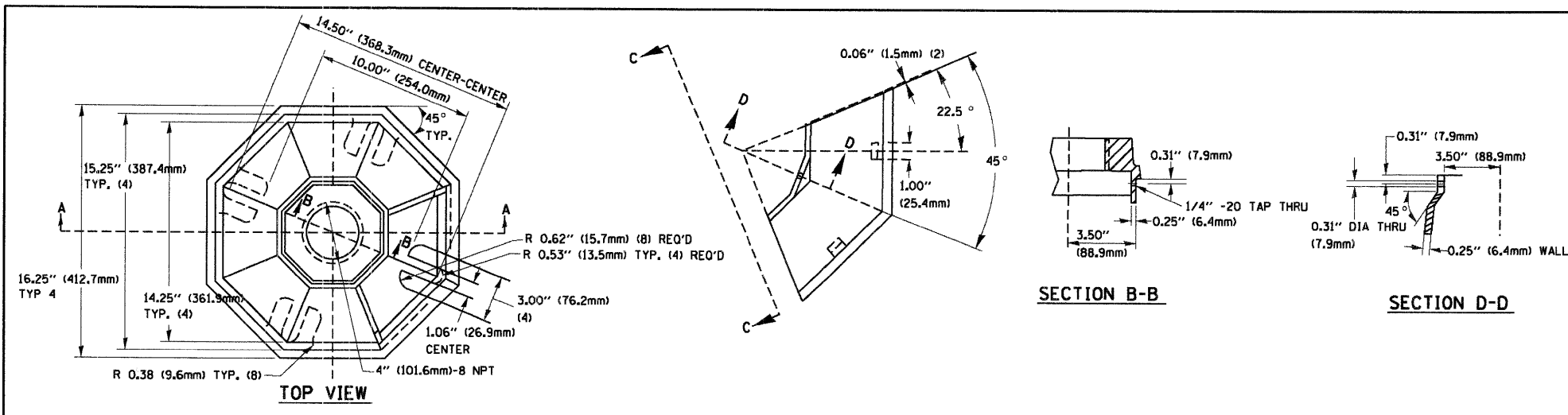


**MAST ARM POLE / POST-GROUNDING DETAIL**  
 (NOT TO SCALE)

**CABINET - BASE BOLT PATTERN**  
 (NOT TO SCALE)

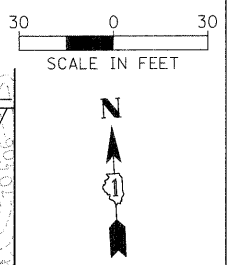
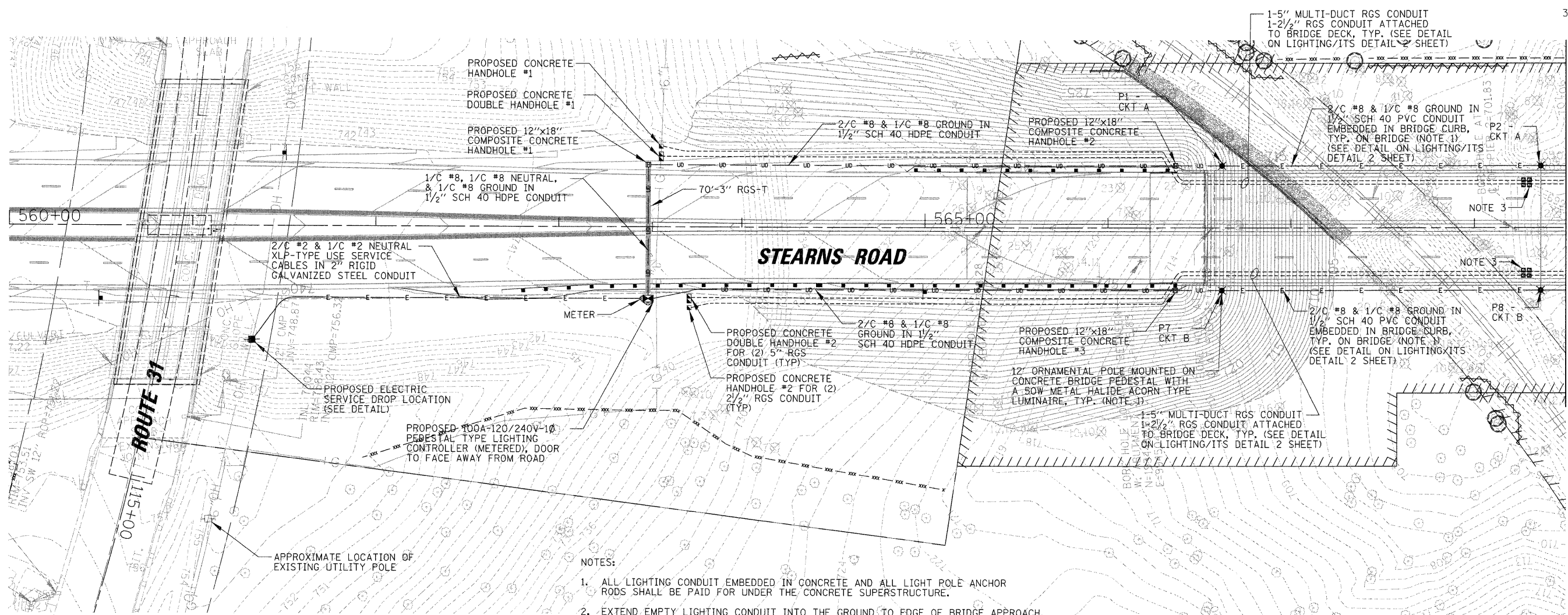
**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
 (NOT TO SCALE)

FILE NAME = W:\dstata\22x34\ts05.dgn	USER NAME = gaellenabt	DESIGNED - D.A.D.	REVISED - 03-15-01	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 89
PLOT SCALE = 50.0000' / IN.	DRAWN - R.W.P.	CHECKED - D.A.Z.	REVISED - BUR, TRAFFIC 01-01-02		SCALE: NONE	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	<b>TS-05</b>		CONTRACT NO.	
PLOT DATE = 1/4/2008	DATE - 05-30-00	REVISED -	REVISED -				<b>FED. ROAD DIST. NO. 1</b>		<b>ILLINOIS FED. AID PROJECT</b>		



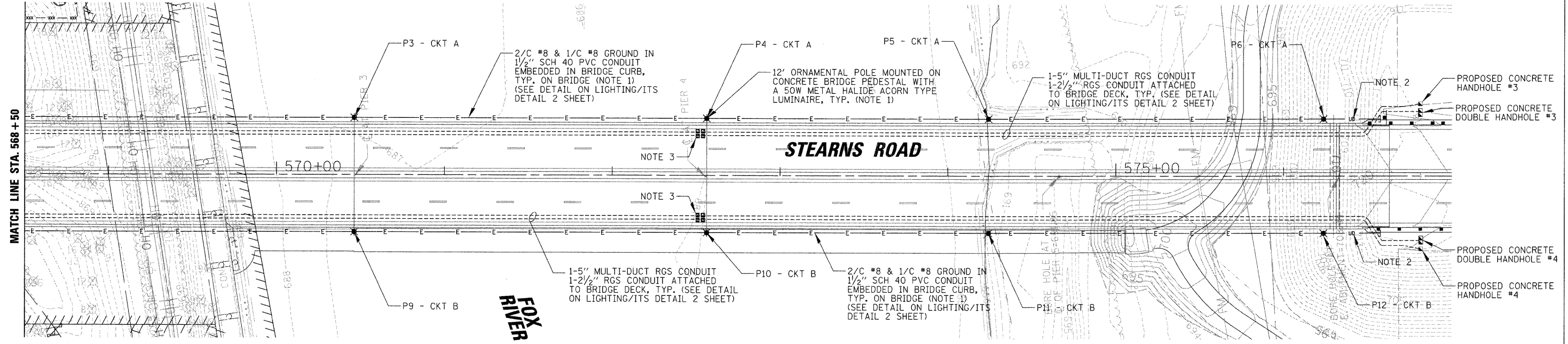






MATCH LINE STA. 568 + 50

- NOTES:
1. ALL LIGHTING CONDUIT EMBEDDED IN CONCRETE AND ALL LIGHT POLE ANCHOR RODS SHALL BE PAID FOR UNDER THE CONCRETE SUPERSTRUCTURE.
  2. EXTEND EMPTY LIGHTING CONDUIT INTO THE GROUND TO EDGE OF BRIDGE APPROACH, CAP WATERTIGHT AND RECORD LOCATION.
  3. (2) 24"x24"x10" STAINLESS STEEL JUNCTION BOXES ATTACHED TO STRUCTURE FOR 5" RGS CONDUIT, (2) 16"x12"x6" STAINLESS STEEL JUNCTION BOXES ATTACHED TO STRUCTURE FOR 2 1/2" RGS CONDUIT. EACH CONDUIT SHALL BE CONNECTED TO A SEPARATE JUNCTION BOX. SEE LIGHTING/ITS DETAILS FOR MORE DETAIL.



FILE NAME = LGT\_070793-01.pln  
 USER NAME = GTINE  
 PLOT SCALE = 30'  
 PLOT DATE = 2/10/2009

DESIGNED	AJD	REVISED	-
DRAWN	KWB	REVISED	-
CHECKED	AJD	REVISED	-
DATE	01/16/09	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>STEARNS ROAD BRIDGE          LIGHTING / ITS PLAN</b>	
SCALE: 1" = 30'	SHEET NO. OF SHEETS STA. TO STA.

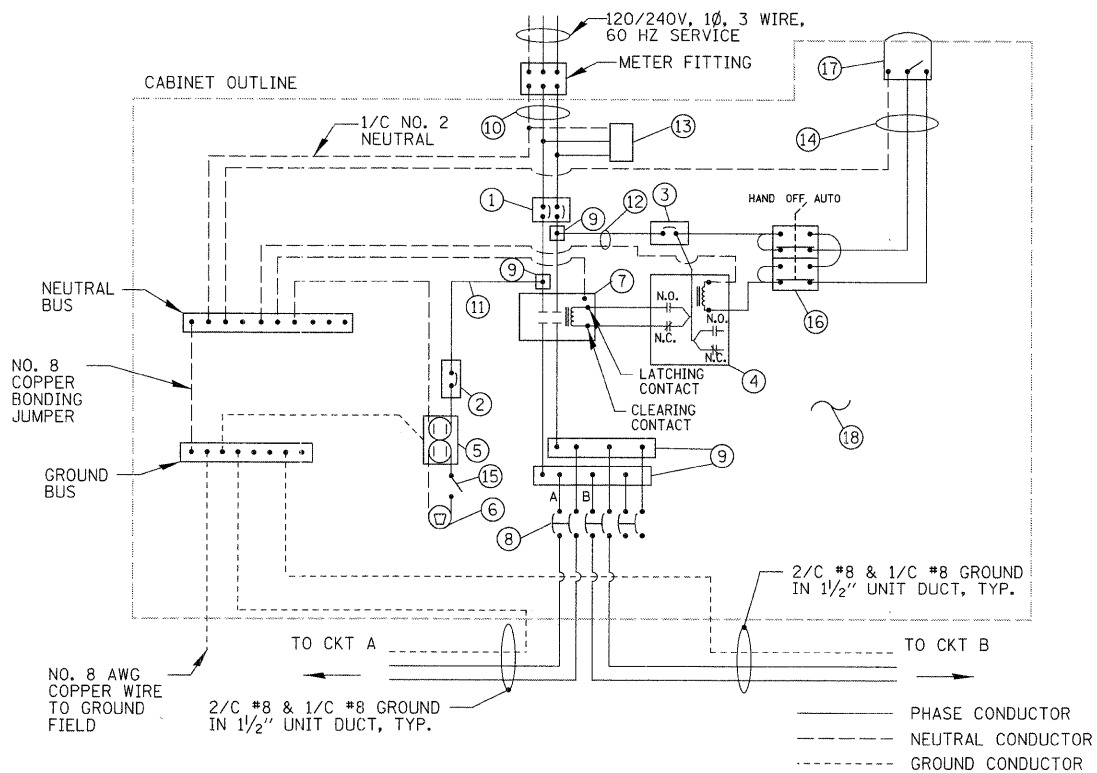
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	93
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ITEM	SPECIFICATION	MANUFACTURER/MODEL NO. OR EQUAL
1	MAIN CIRCUIT BREAKER	100 AMPERE, 2P, 240V SERVICE RATING, 10KAIC
2	LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC
3	PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 10KAIC
4	AUXILIARY RELAY	120 V OPERATED DPDT 60 HZ COIL 2 NO & 2 NC CONTACTS
5	CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER
6	CABINET LIGHT AND BOX	120V WEATHERPROOF LAMPHOLDER MOUNTED IN A CAST ALUMINUM BOX & EXT. GRADE 100W LAMP
7	CONTACTOR	100 AMPERE, 2 POLE, 120 V COIL, MECH HELD
8	BRANCH LINE CIRCUIT BREAKERS	3 - 20 AMPERE, 2P, 240V RATING, 10KAIC
9	POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQUIRED
10	SERVICE CABLES	3-600V (XLP-TYPE USE) NO. 2
11	LAMPHOLDER WIRE	2-600V XLP NO. 12
12	CONTROL WIRE	2-600V XLP NO. 12
13	SURGE ARRESTOR	10 K AMPERE RATING
14	PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12
15	DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH
16	HAND-AUTO-OFF CONTROL SWITCH	20 A, 3 POS. MTD IN CAST ALUM. ENCLOSURE
17	PHOTOCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC
18	BACK BOARD	1/2" THICK EQUIPMENT MOUNTING PANEL

**NOTES:**

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID FOR "LIGHTING CONTROLLER" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A, AND SHALL MANUFACTURED BY EXCEL LTD., OR APPROVED EQUAL.
- CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED."

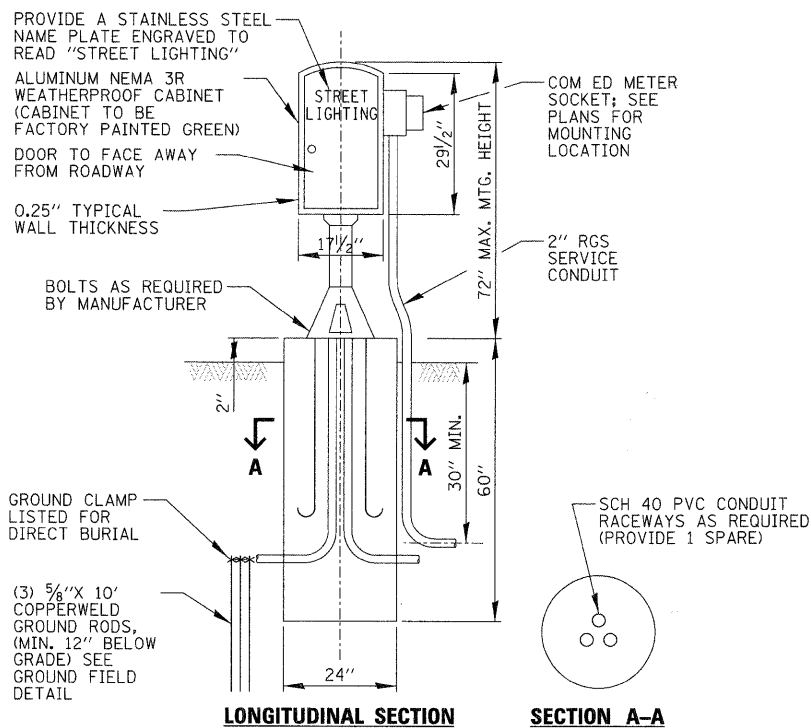
**LIGHTING CONTROLLER COMPONENT SCHEDULE**



**LIGHTING CONTROLLER WIRING DETAIL**  
N.T.S.

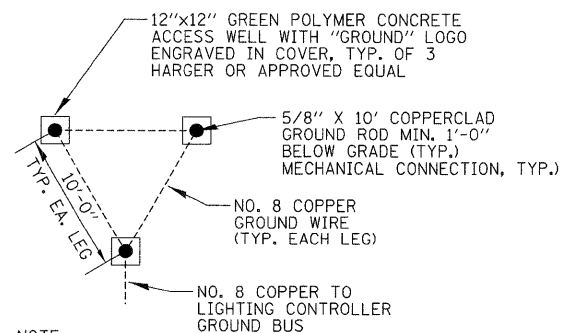
CIRCUIT ID	50 W LUMINAIRES	LOAD (WATTS)	TOTAL CIRCUIT LOAD (WATTS)
A	6	96 W	576 W
B	6	96 W	576 W
TOTAL	12	-	1,152 W

**LIGHTING CONTROLLER CIRCUIT LOADS**



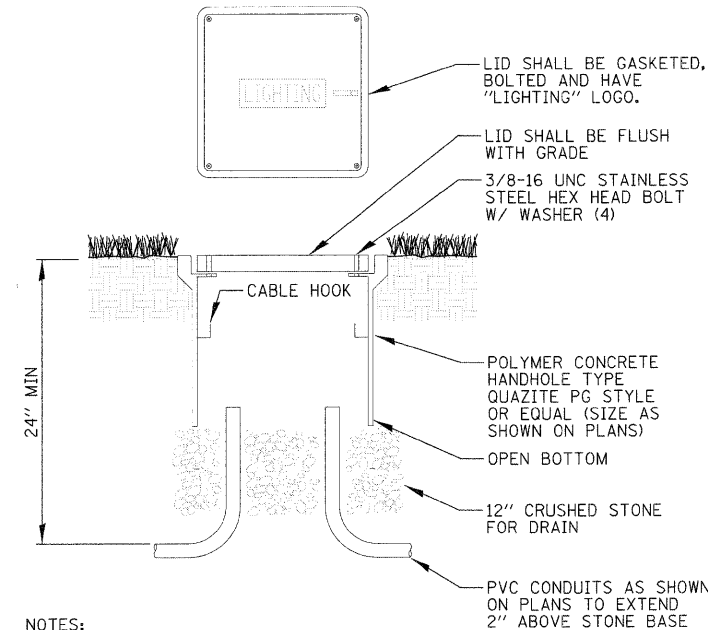
NOTE: ALL ITEMS SHOWN ABOVE INCLUDING FOUNDATION SHALL BE INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER" EXCEPT FOR THE SERVICE CONDUIT/CABLES AND GROUND RODS.

**LIGHTING CONTROLLER CABINET AND FOUNDATION**  
N.T.S.



NOTE: ACCESS WELL SHALL BE INCLUDED IN THE PRICE BID FOR THE GROUND ROD.

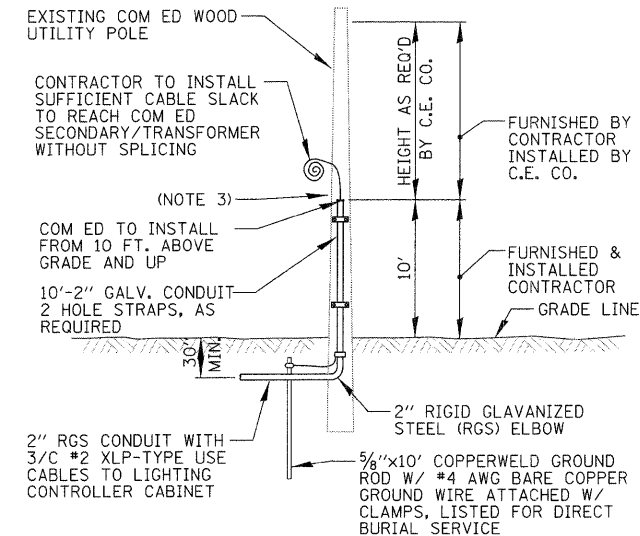
**GROUND FIELD DETAIL (TYP.)**  
N.T.S.



**NOTES:**

- NO SPLICES ALLOWED IN CONCRETE HANDHOLES.
- POLYMER CONCRETE HANDHOLE AND LID SHALL BE GREEN IN LANDSCAPED AREAS AND MATCH COLOR IN CONCRETE/BRICK AREAS.

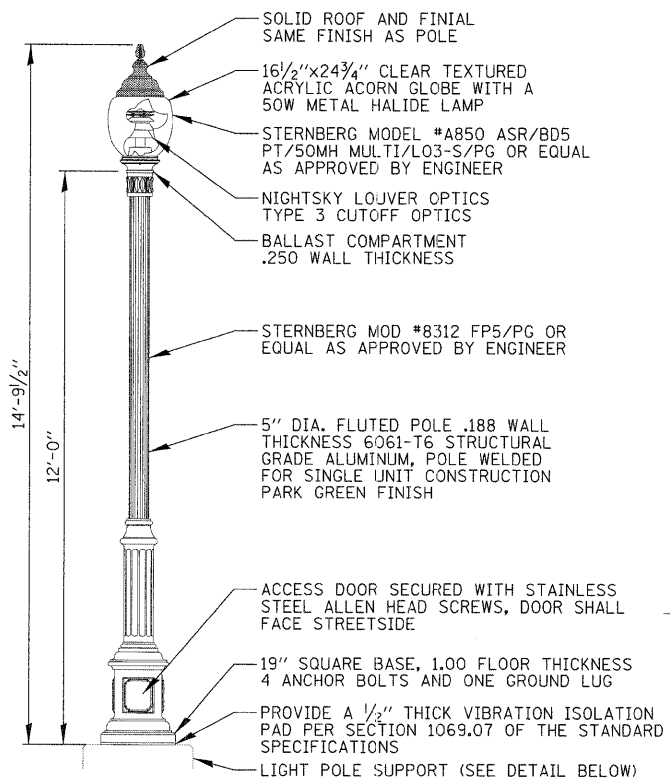
**POLYMER CONCRETE HANDHOLE (LIGHTING)**  
N.T.S.



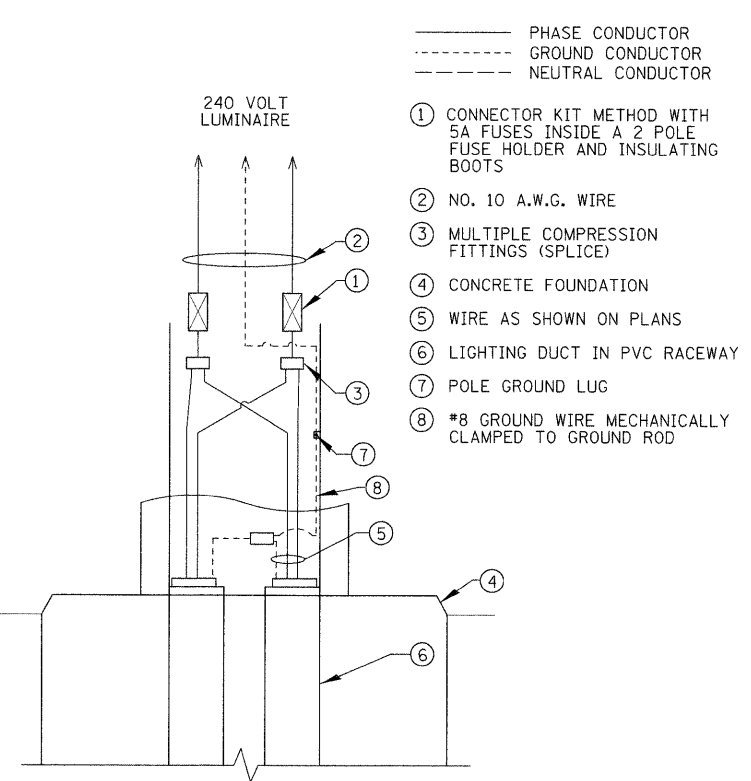
**NOTES:**

- ALL WORK SHALL CONFORM TO COM ED'S BOOK OF "INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRIC SERVICE."
- FURNISHING AND INSTALLING ALL MATERIAL SHOWN ABOVE (EXCEPT FOR POLE) SHALL BE INCLUDED IN THE PRICE BID FOR "ELECTRIC SERVICE INSTALLATION". THE HORIZONTAL SERVICE CONDUIT AND WIRING FROM POLE TO CONTROLLER SHALL BE PAID FOR SEPARATELY.
- CONTRACTOR TO PROVIDE A CONDUIT BUSHING AND SEALING COMPOUND AT TOP OF RISER.

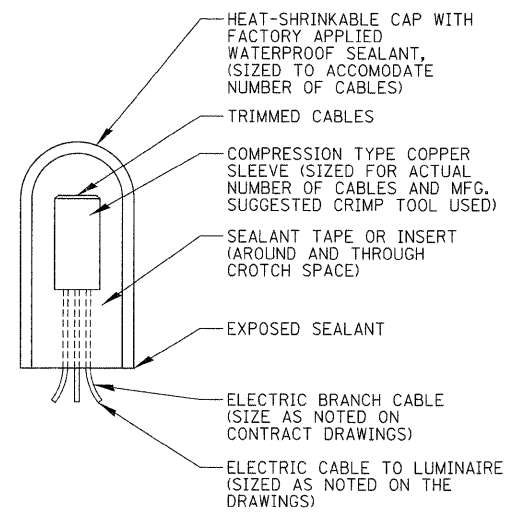
**COM ED OVERHEAD CONNECTION POLE**  
N.T.S.



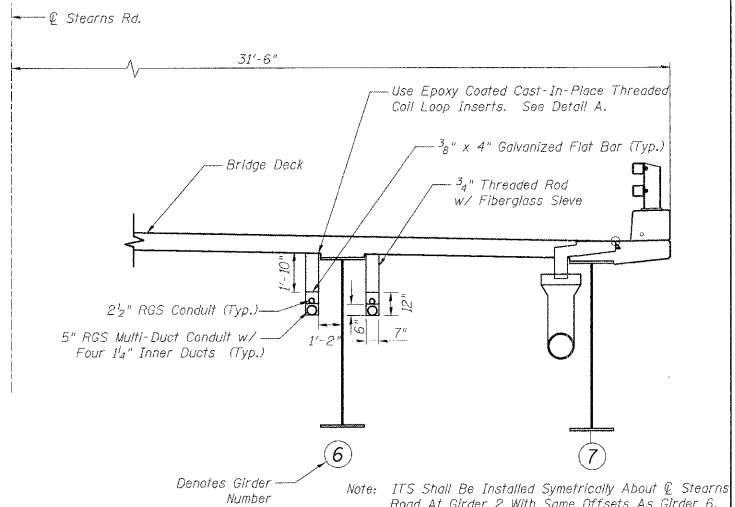
**ORNAMENTAL LIGHT POLE DETAIL**  
N.T.S.



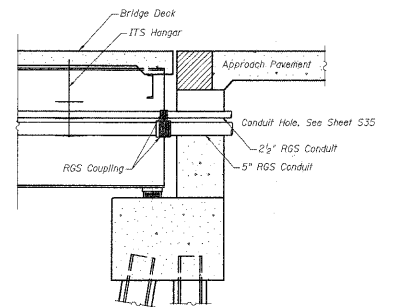
**POLE HANDHOLE WIRING DIAGRAM**  
N.T.S.



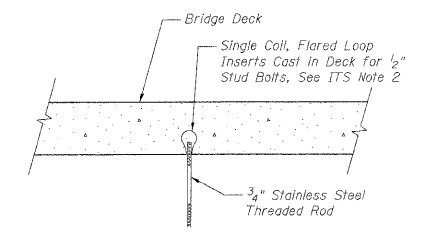
**SPlicing ELECTRIC CABLE**  
N.T.S.



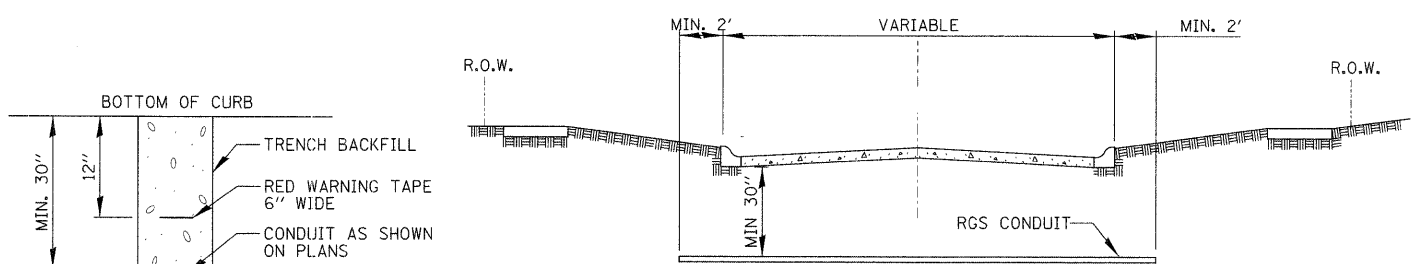
**TYPICAL ITS CONDUIT SUPPORT ATTACHED TO BRIDGE DECK DETAIL**  
N.T.S. (LOOKING UPSTATION)



**TYPICAL CONDUIT INSTALLATION THROUGH ABUTMENT WALL**



**DETAIL A THREADED ROD INSTALLATION**  
N.T.S.

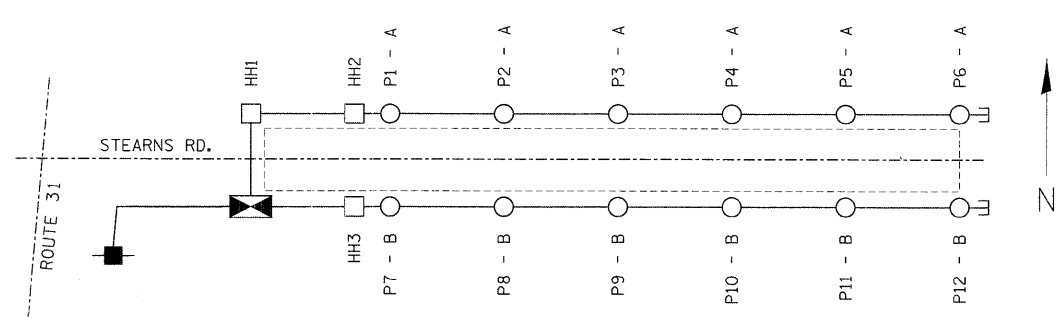


- ① CONDUIT SHALL BE HEAVY WALL RGS CONDUIT.
- ② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ CONDUIT SHALL BE A MINIMUM OF 30" BELOW CURB BOTTOM.

**TRENCH SECTION**

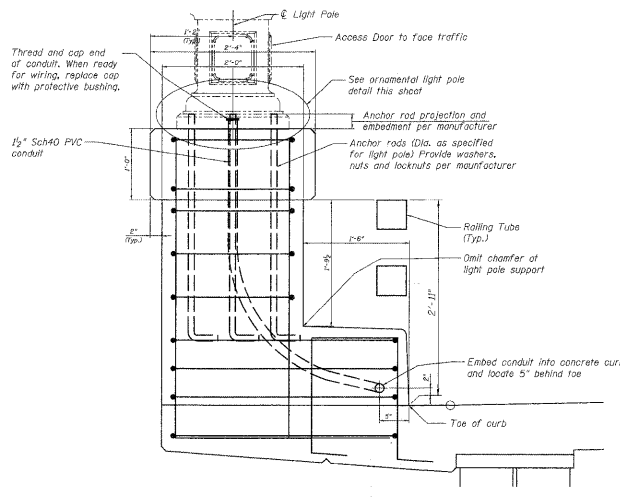
**STREET CROSSING**

**ELECTRIC CONDUIT DETAIL**  
N.T.S.

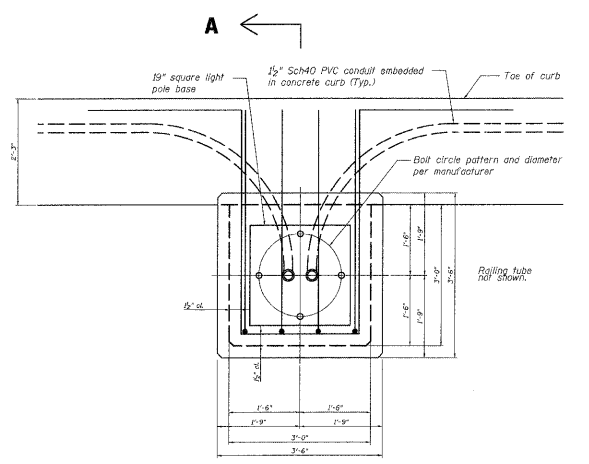


**LIGHTING ONE LINE CIRCUIT DIAGRAM**  
N.T.S.

- LEGEND**
- LIGHTPOLE
  - ELECTRIC LINE
  - ⊠ LIGHTING CONTROLLER
  - HANDHOLE
  - PROP. ELECT. SERVICE
  - P5 - A POLE NUMBER
  - LUMINAIRE CIRCUIT
  - ROADWAY
  - BRIDGE OUTLINE



**CROSS SECTION A-A**



**PLAN VIEW**

- NOTES:**
1. THE COST OF ALL LIGHT POLE ANCHOR RODS AND ALL CONDUIT EMBEDDED IN CONCRETE SHALL BE INCLUDED IN THE CONCRETE SUPERSTRUCTURE.
  2. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.

**LIGHT POLE SUPPORT AND EMBEDDED CONDUIT DETAIL**  
N.T.S.

FILE NAME = LDT\_070793-02.pln

USER NAME = GT:INE

DESIGNED AJD

REVISED -

PLOT SCALE = 3/8"

DRAWN KWB

REVISED -

PLOT DATE = 2/10/2009

CHECKED AJD

REVISED -

DATE 01/16/09

REVISED -

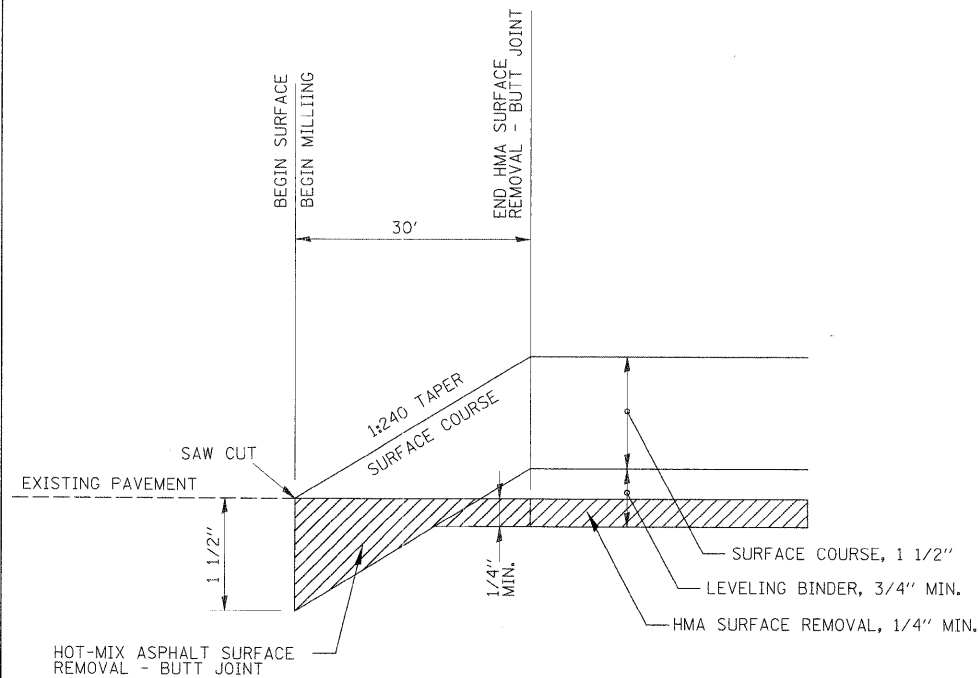
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**STEARNS ROAD BRIDGE LIGHTING / ITS DETAILS (2 OF 2)**

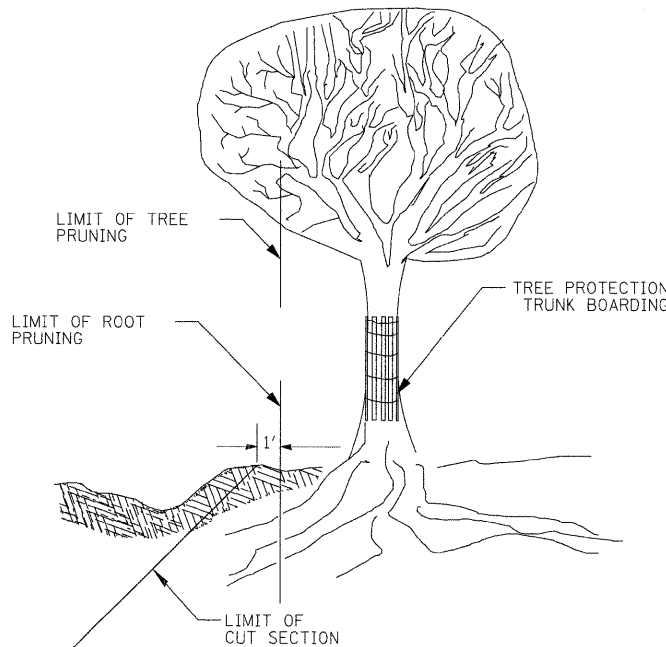
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	95
CONTRACT NO. 63075				

SCALE: 1" = 30' SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

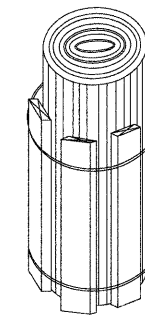


**BUTT JOINT DETAIL**  
N.T.S.

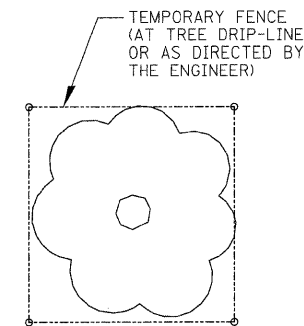


NOTE:  
TREE AND ROOT PRUNING SHALL  
BE DONE IN ACCORDANCE WITH  
IDOT SPECIFICATION SECTION 201.

**TREE TRUNK PROTECTION AND ROOT PRUNING DETAIL**  
N.T.S.

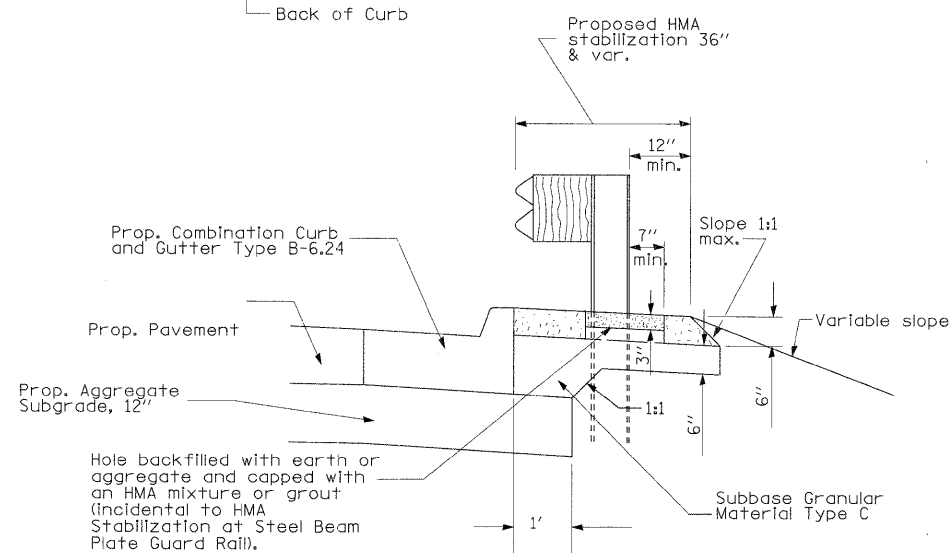
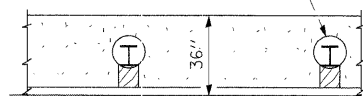


**TREE PROTECTION TRUNK BOARDING DETAIL**  
N.T.S.

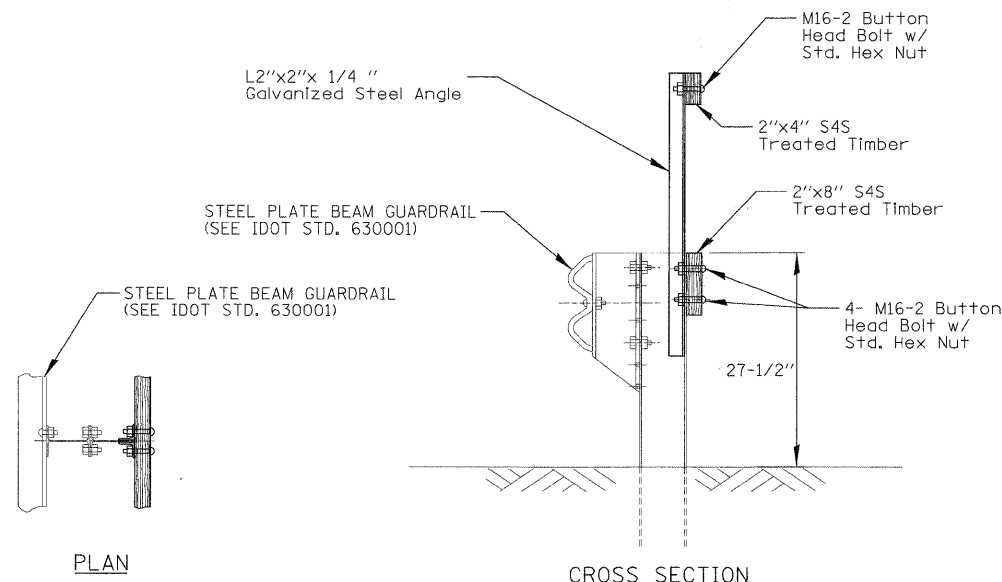


**TEMPORARY FENCE DETAIL**  
N.T.S.

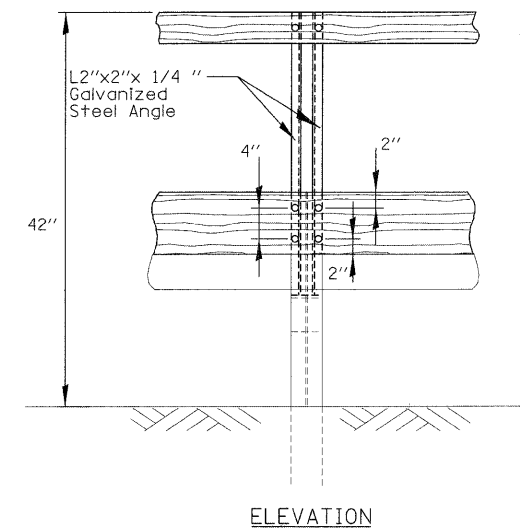
15" min. diameter round breakout or cored hole, typical for guardrail line posts (incidental to HMA Stabilization 6" at Steel Beam Plate Guard Rail).



**HMA STABILIZATION 6" AT STEEL BEAM PLATE GUARD RAIL BEHIND CURB AND GUTTER DETAIL**  
N.T.S.

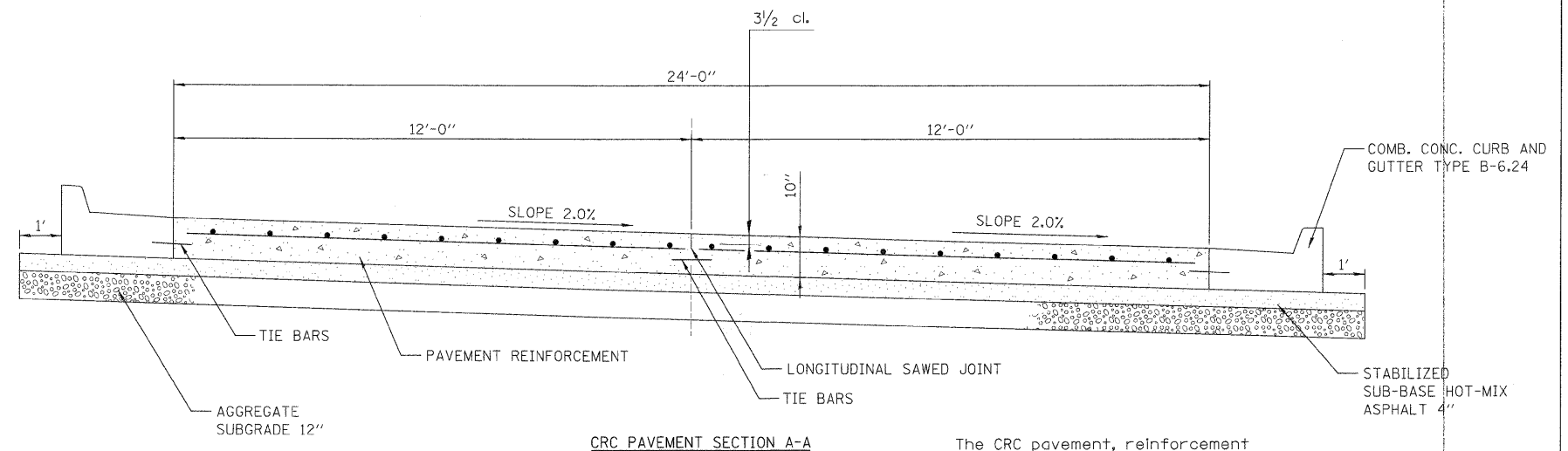
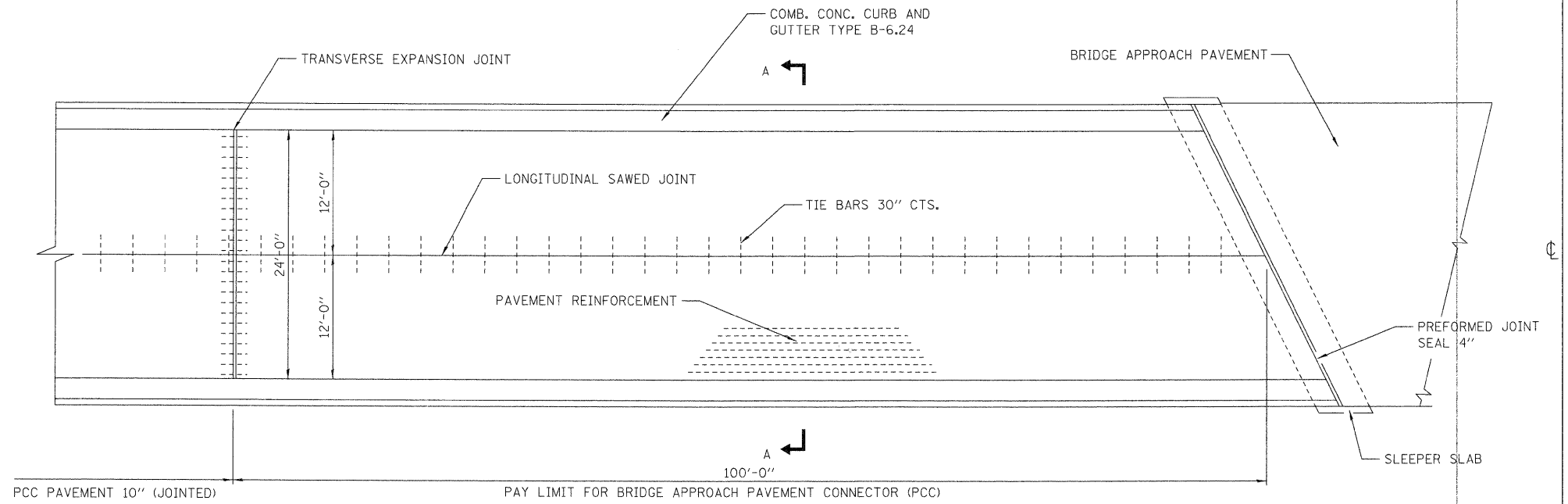
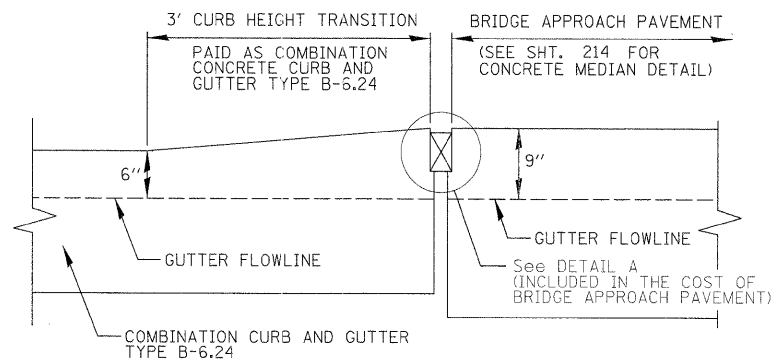
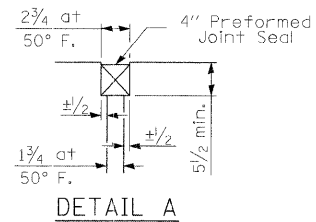
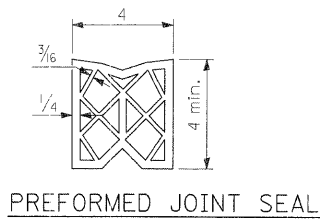


**RUB RAIL DETAIL**  
N.T.S.



FILE NAME = DET_070793_01.SHT	USER NAME = MWORMAN	DESIGNED - MCW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"	DRAWN - GT	REVISED -						361	06-00214-20-BR	KANE	320	96
	PLOT DATE = 1/16/2009	CHECKED - MCW	REVISED -		SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 63075				
		DATE - 01/16/09	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								





**BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)**

The CRC pavement, reinforcement bars, tie bars, dowel bars and all joints will be paid for as BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

See Standard 421001 for details of pavement reinforcement.

See Standards 420001 and 420401 for joint details not shown.

FILE NAME =  
DET\_070793\_02.SHT

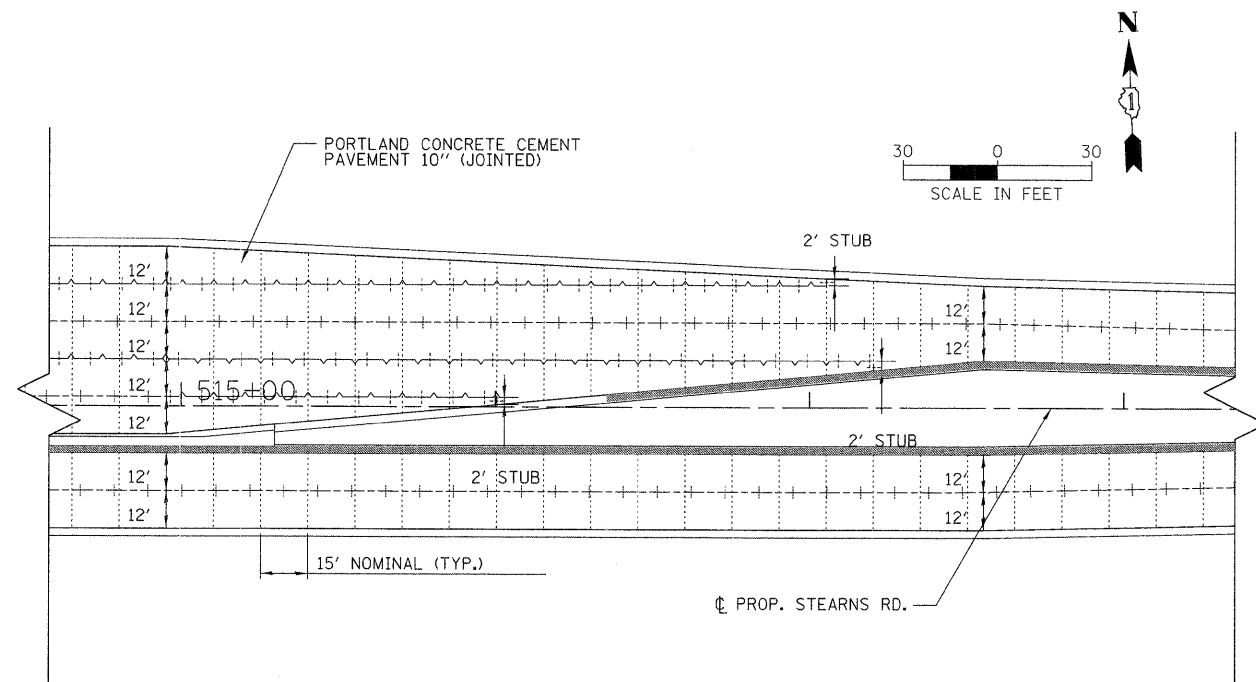
USER NAME = MWORMAN	DESIGNED - MCW	REVISED -
	DRAWN - GT	REVISED -
PLOT SCALE = 30'	CHECKED - MCW	REVISED -
PLOT DATE = 1/16/2009	DATE - 01/16/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

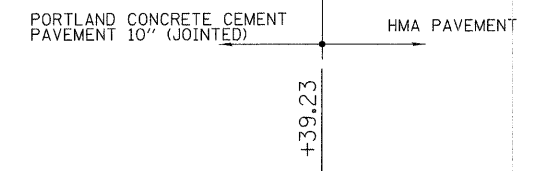
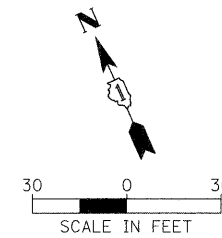
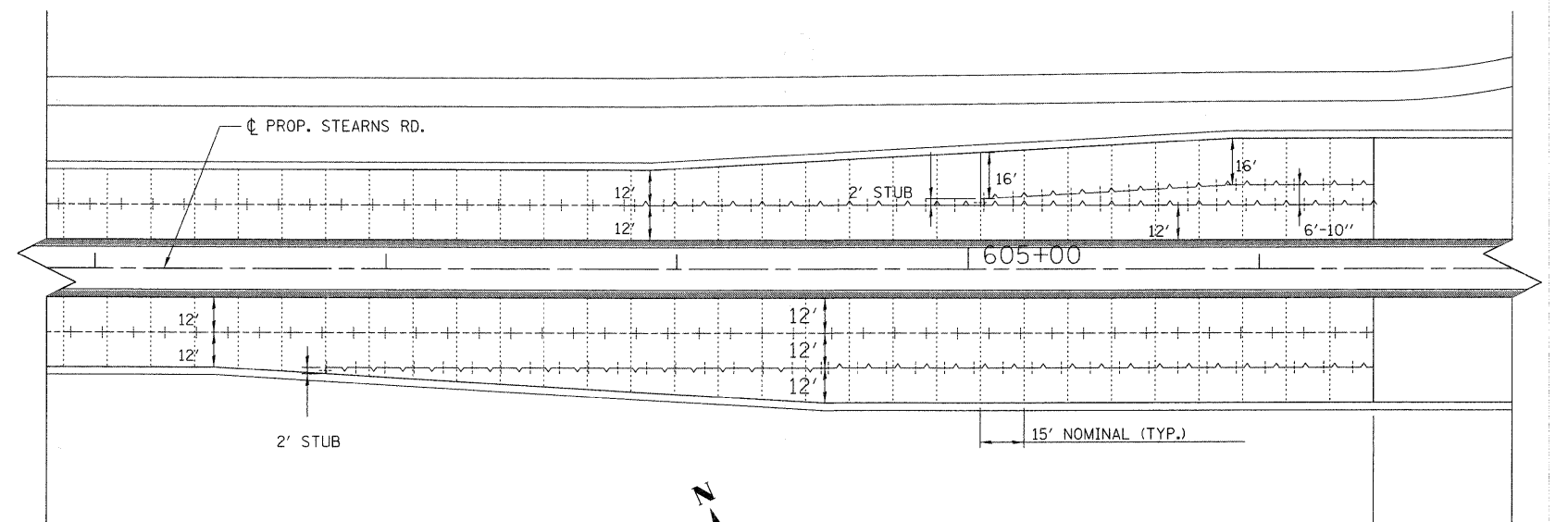
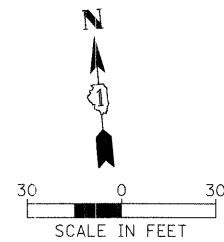
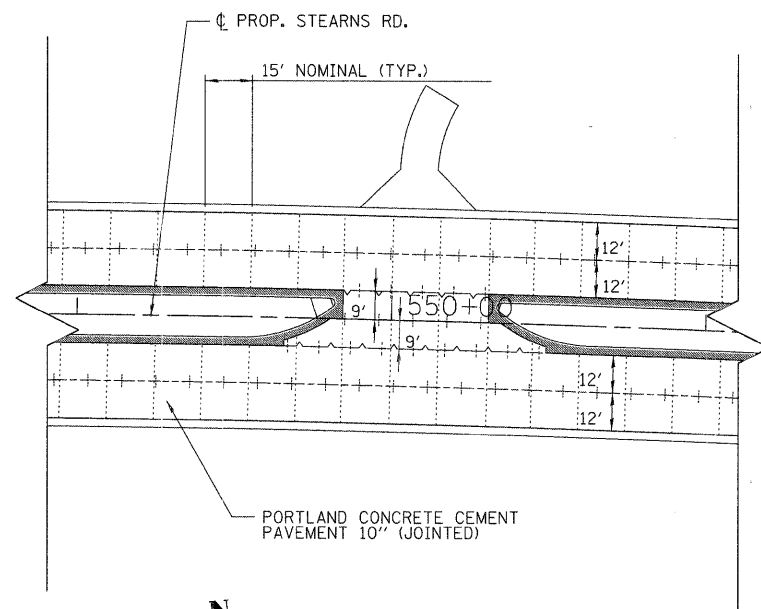
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	97
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- SAWED LONGITUDINAL JOINT
  - |-|-|- LONGITUDINAL CONSTRUCTION JOINT
  - ..... TRANSVERSE CONTRACTION JOINT

SEE IDOT STANDARDS 420001 AND 420101 FOR JOINT DETAILS

ALL JOINTS, TIE BARS AND DOWELS ARE INCLUDED IN THE COST OF PCC PAVEMENT 10" (JOINTED)



FILE NAME =  
DET\_070793\_03.SHT

USER NAME = MWORMAN

DESIGNED - BJB

REVISED -

DRAWN - BJB

REVISED -

PLOT SCALE = 3/32"

CHECKED - MCW

REVISED -

PLOT DATE = 1/16/2009

DATE - 01/16/09

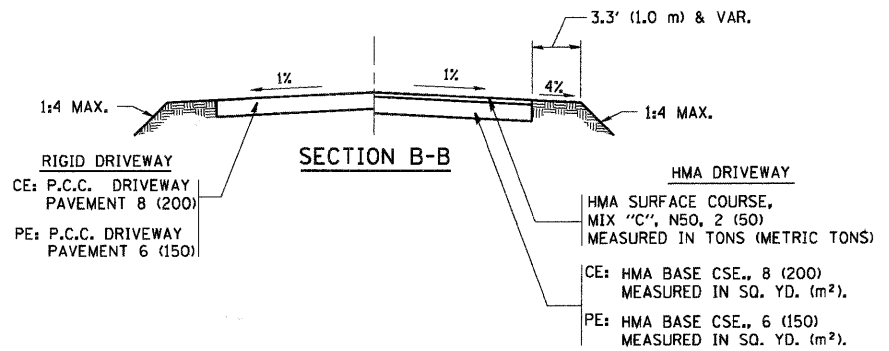
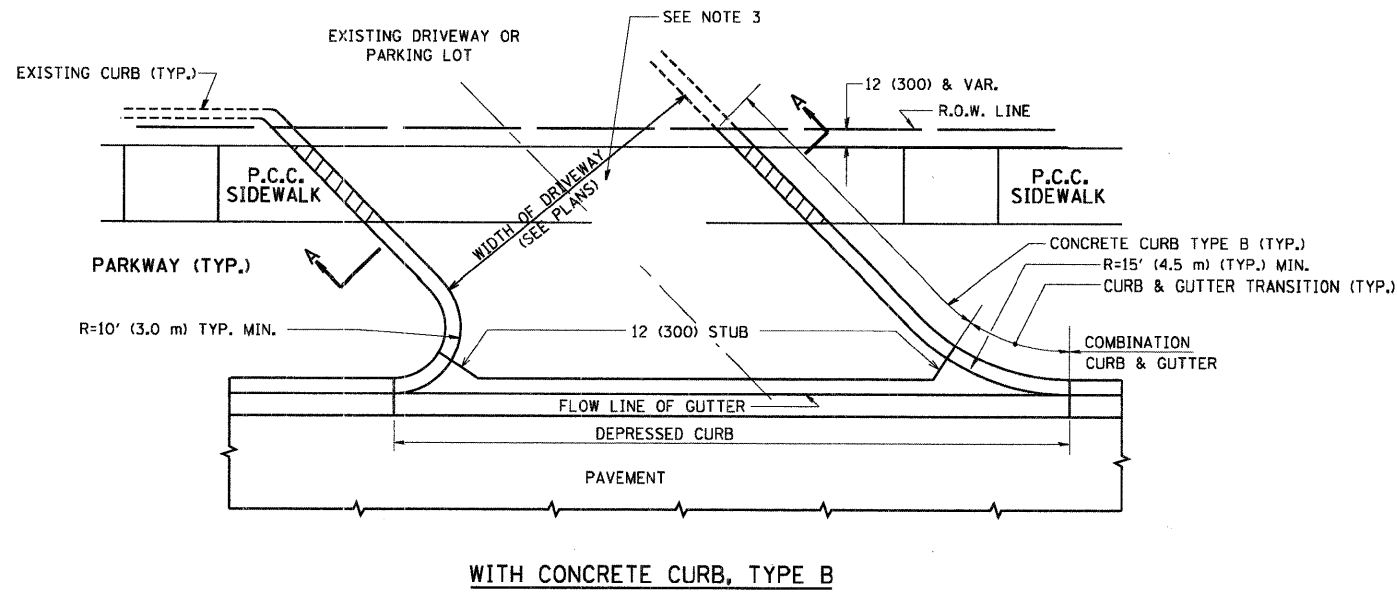
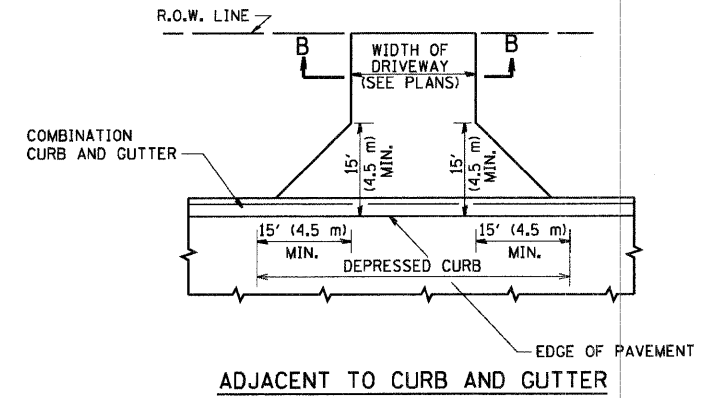
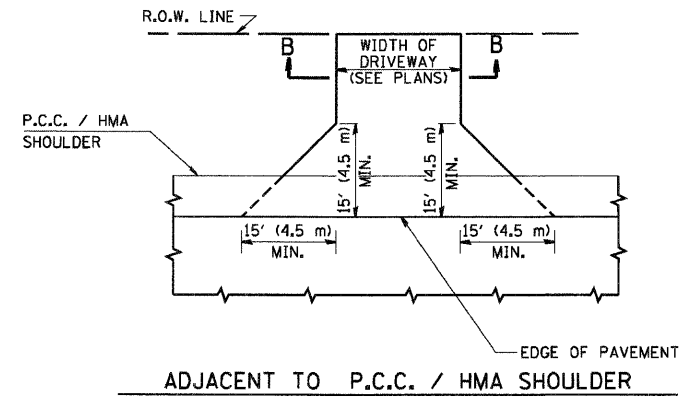
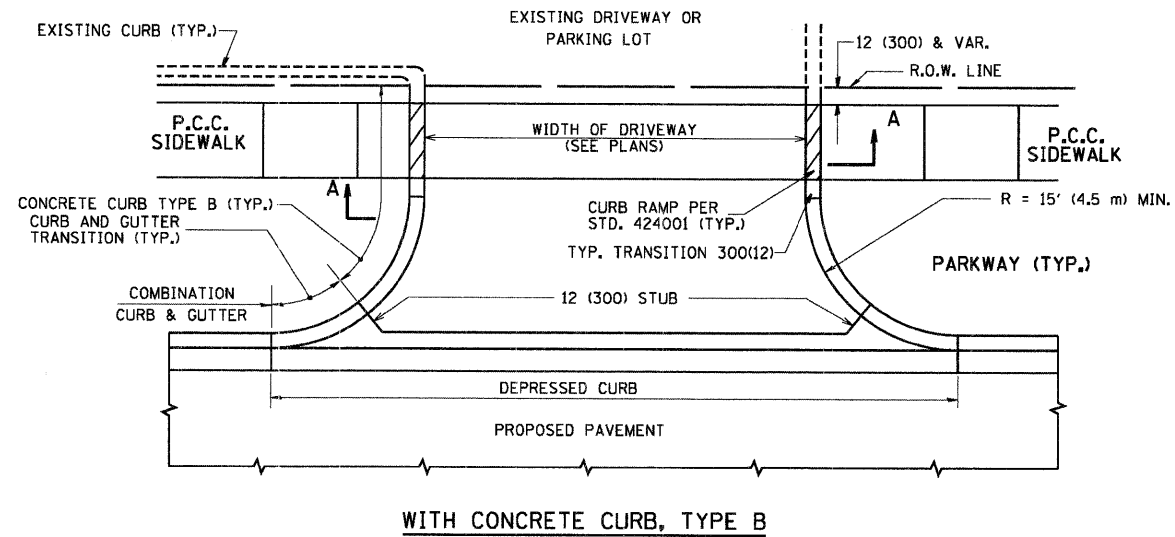
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS**

SCALE: 1"= 30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	98
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

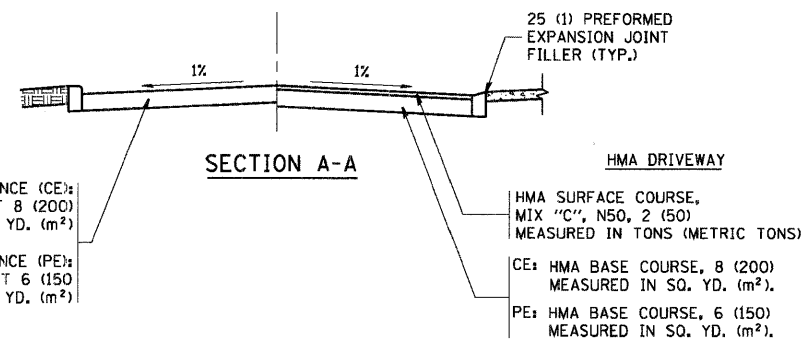
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



FILE NAME = c:\projects\diststd22x34\bd01.dgn

USER NAME = bauerdl

DESIGNED - R. SHAH

DRAWN -

PLOT SCALE = 49.9999' / IN.

PLOT DATE = 8/12/2008

DESIGNED - R. SHAH

DRAWN -

CHECKED -

DATE - 11-04-95

REVISED - M. GOMEZ 04-06-01

REVISED - P. LOFLUER 04-15-03

REVISED - R. BORO 01-01-07

REVISED - R. BORO 06-11-08

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

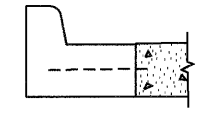
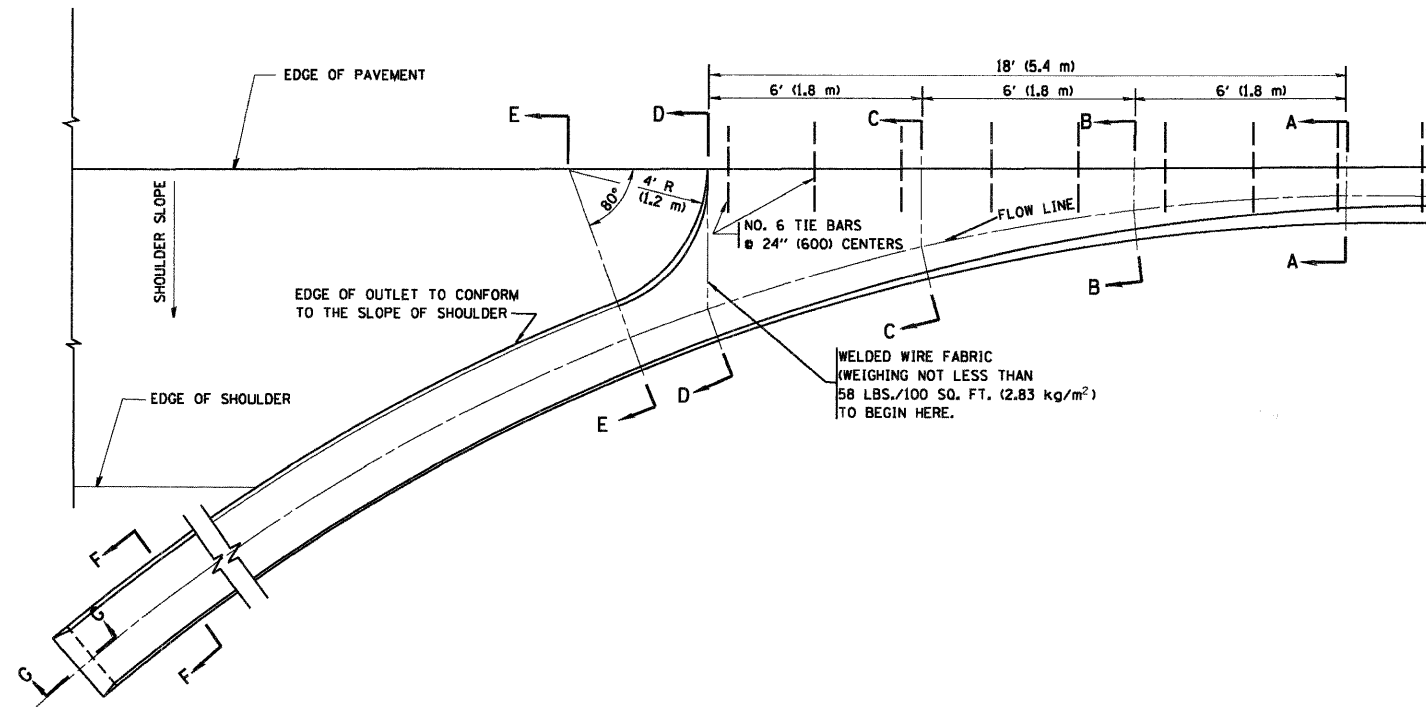
**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)**

SCALE: NONE

SHEET NO. 1 OF 1 SHEETS

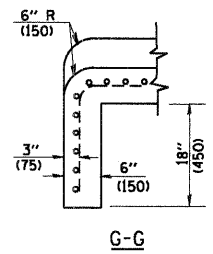
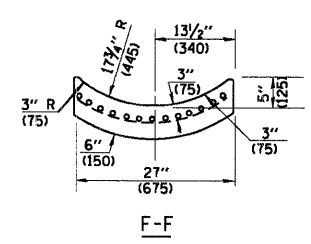
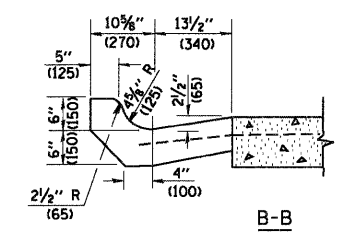
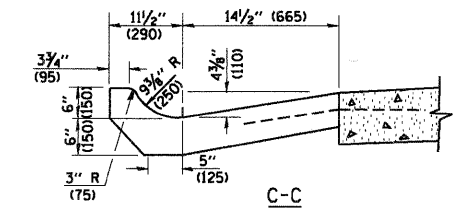
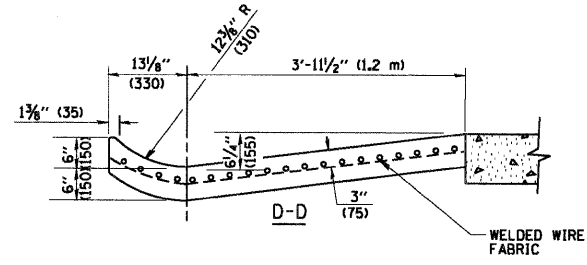
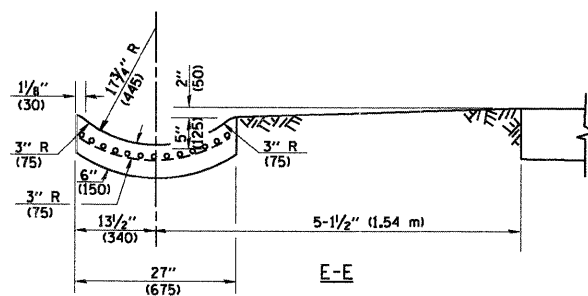
STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	99
<b>BD0156-07 (BD-01)</b>			<b>CONTRACT NO. 63075</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



A-A \*

\* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



**GENERAL NOTES**

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24\" (600) CENTERS UNLESS OTHERWISE SHOWN.

IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6\" (1.8 m) FOR EACH 1% INCREASE IN GRADE.

**QUANTITIES**

FOR SECTION A-A TO E-E AND CURTAIN WALL =  
 1.25 CU. YDS. (0.96 m<sup>3</sup>) CLASS S1 CONCRETE (OUTLET) FOR 9\" (225) PAV'T.  
 1.27 CU. YDS. (0.96 m<sup>3</sup>) CLASS S1 CONCRETE (OUTLET) FOR 10\" (250) PAV'T.  
 FOR SECTION F-F =  
 0.045 CU. YDS. (0.03 m<sup>3</sup>) CLASS S1 CONCRETE PER FT. (m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\d\state\22x34\bd03.dgn	USER NAME = gaelianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>OUTLET FOR CONCRETE          CURB AND GUTTER</b>		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 100
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - E. GOMEZ 12-21-00		SCALE: NONE    SHEET NO. 1 OF 1 SHEETS    STA.    TO STA.		<b>BD600-01 (BD-03)</b>		<b>CONTRACT NO. 63075</b>		
	PLOT DATE = 1/4/2008	DATE - 08-04-86	REVISED -				FED. ROAD DIST. NO. 1    ILLINOIS FED. AID PROJECT				