

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 63097		

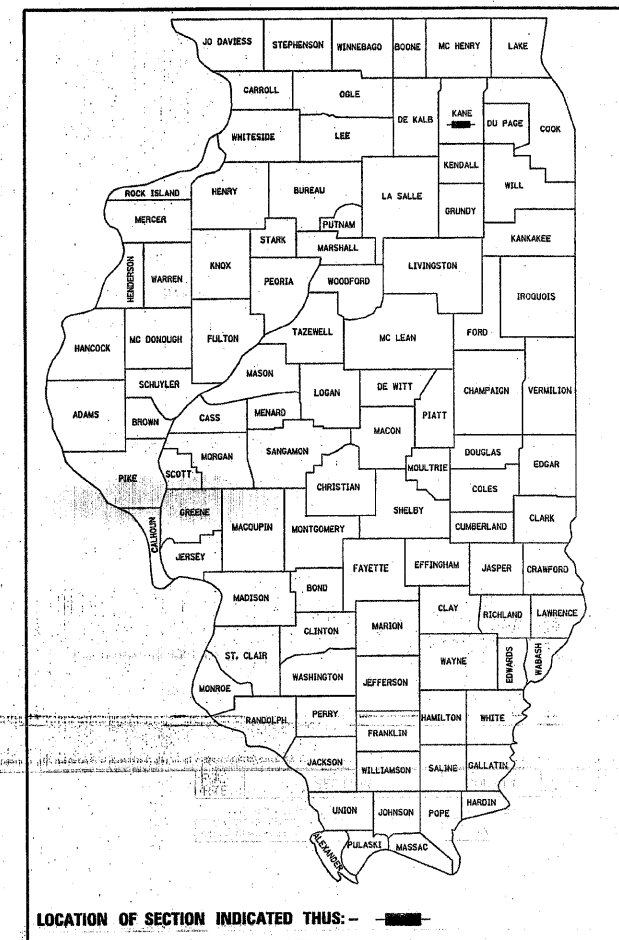
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID PROJECT**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

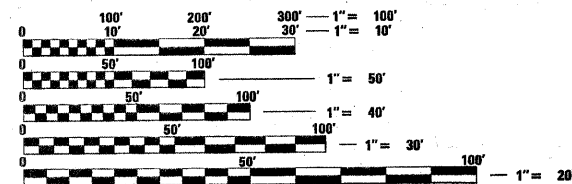
PROJECT LOCATED IN THE VILLAGE OF NORTH AURORA

**OAK STREET PEDESTRIAN BRIDGE
OVER UNNAMED TRIBUTARY
SECTION NO. 07-00050-00-BT
PROJECT NO. CMM-8003(900)
KANE COUNTY
JOB NO. C-91-077-08**



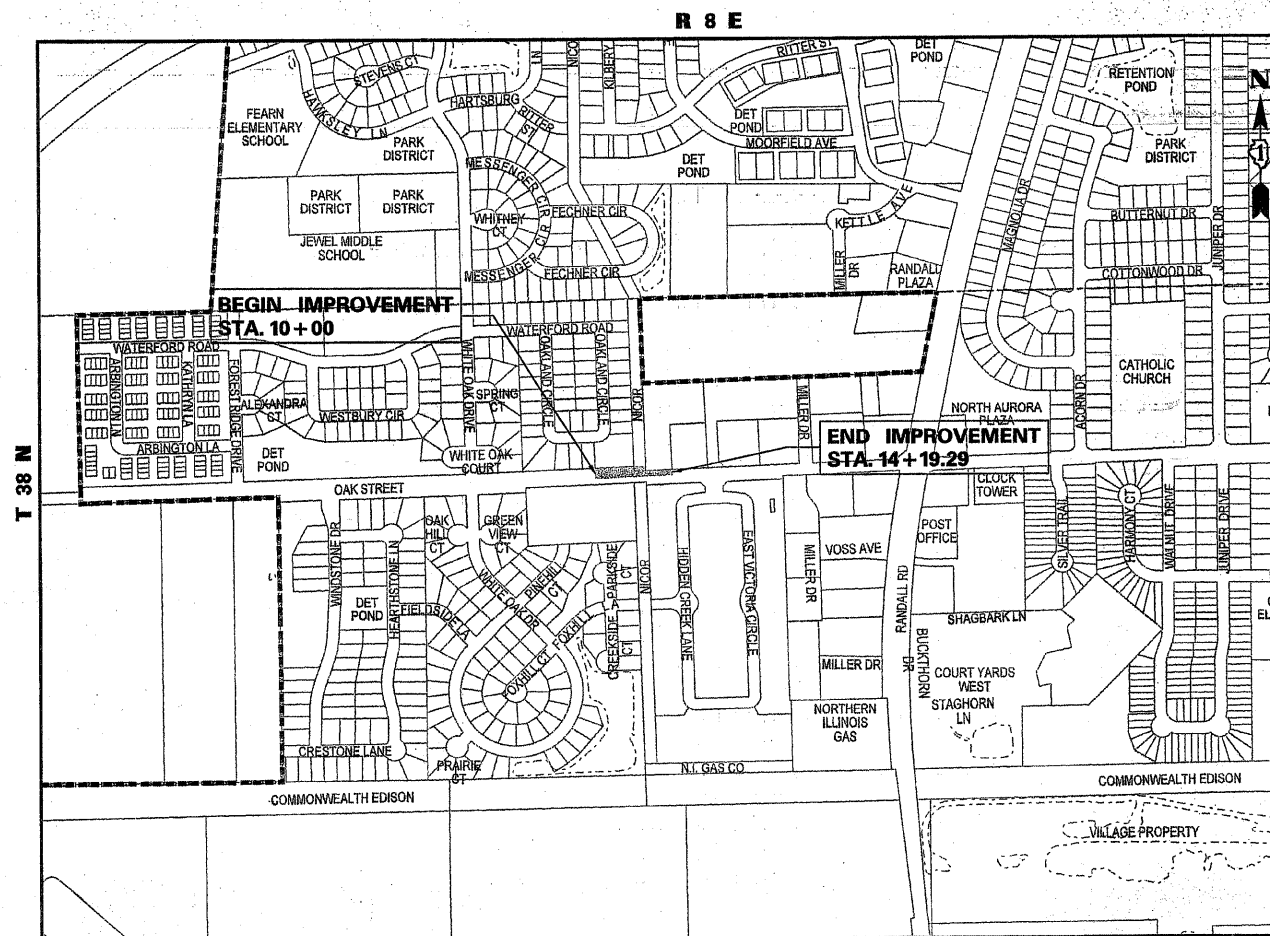
LOCATION OF SECTION INDICATED THIS: — ■ —

TRAFFIC DATA (BICYCLE)
ADT (2030)=300
DHV (2030)<100
DESIGN SPEED=20 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



AURORA TOWNSHIP

LOCATION MAP
NO SCALE

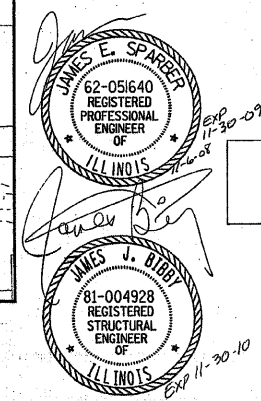
GROSS LENGTH AND NET LENGTH OF IMPROVEMENT: 419.29 LF = 0.08 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved: *[Signature]*
Village Administrator
Village of North Aurora,

Passed: NOVEMBER 18, 2008
[Signature]
District 1 Engineer of Local Roads & Streets

Releasing for Bid
Based on Limited
Review: NOVEMBER 19, 2008
[Signature]
Deputy Director of Highways, Region 1 Engineer



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OF THE STATE OF ILLINOIS**

PLANS PREPARED BY:
REMPE-SHARPE
CONSULTING ENGINEERS
IL P.D.F. LICENSE NO. 184-000895
324 WEST STATE STREET - GENEVA, ILLINOIS 60134
Telephone (630) 232-0827 - Fax (630) 232-1829

FIELD ENGINEER: MARILYN SOLOMON 847-705-4407

CONTRACT NO. 63097

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INDEX OF SHEETS

Table with 2 columns: NO. and DESCRIPTION. Lists sheet numbers 1 through 15 and their corresponding descriptions such as 'TITLE SHEET', 'INDEX OF SHEETS, APPLICABLE HIGHWAY STANDARDS...', etc.

APPLICABLE HIGHWAY STANDARDS

Table with 2 columns: STANDARD NO. and TITLE. Lists standards like '000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS', '001001-02 AREAS OF REINFORCEMENT BARS', etc.

SUMMARY OF QUANTITIES

Summary of Quantities table with columns: ITEM NO., ITEM, UNIT, and QUANTITY. Lists various construction items like 'TREE REMOVAL (6 TO 15 UNITS DIAMETER)', 'EARTH EXCAVATION', 'SEEDING, CLASS 1', etc.

NICOR EASEMENT PROVISION

NO work is to be done on the NICOR Easement Premises or on NICOR's property without NICOR's representative being present, for which the Village of North Aurora agrees to reimburse the reasonable cost of such NICOR's representative.

There shall be NO blasting on the Easement Premises.

Support abutments for the Facility shall be constructed off of NICOR's property, however, excavation for said support abutments may occur on Grantor's property, but not within ten (10) feet of the center of Grantor's existing 30-inch diameter, high-pressure natural gas transmission pipeline, and only in a manner expressly approved by NICOR's on-site representative...

NO materials shall be stored or stockpiled on the NICOR Easement Premises or on NICOR's property.

NO other utilities are permitted to install facilities or improvements within the NICOR Easement Premises without the express written approval of NICOR.

NO large rocks or unsuitable material will be allowed in the backfill; all such large rocks and unsuitable material will be removed from the NICOR Easement Premises and from NICOR's property and properly relocated or disposed of by Contractor...

Natural drainage of NICOR's property shall not be impaired; upon completion of said work, Contractor shall remove from the NICOR Easement Premises all unused excavated material, including rock and debris, and shall replace all back-filling material in a neat and workmanlike manner...

NO trees, bushes or shrubs shall be planted or nurtured on the NICOR Easement Premises or on NICOR's property.

Contractor shall contact NICOR's Transmission Department, Shorewood, Illinois, by phoning NICOR at 815-725-9481, ext. 228, at least 72 hours in advance of estimated start of construction in order to discuss construction procedures and to arrange for on-site inspection services by NICOR's representative.

GENERAL NOTES:

- 1. SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS: ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"...
2. EXISTING UTILITIES: EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE UTILITY COMPANIES, VILLAGE, AND FIELD SURVEYS...
3. PROTECTION OF PUBLIC/Private PROPERTY: THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES SCHEDULED TO REMAIN: SHRUBS, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/Private PROPERTY...
4. EXISTING STREET CLEANLINESS: THE CONTRACTOR SHALL KEEP EXISTING AND ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS...
5. REMOVAL, MAINTENANCE AND RESETTling EXISTING MAILBOXES, STREET SIGNS AND STOP SIGNS: EXISTING MAILBOXES, STREET SIGNS, AND STOP SIGNS WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND TEMPORARILY RELOCATED DURING CONSTRUCTION BY THE CONTRACTOR...
6. USE OF VILLAGE WATER: THE CONTRACTOR WILL BE PERMITTED USE OF THE VILLAGE WATER UPON 24-HOUR NOTICE TO THE VILLAGE AND PAYMENT OF ANY APPLICABLE FEES.
7. EXPANSION JOINTS IN CONCRETE CONSTRUCTION: EXPANSION JOINTS OF THE THICKNESS SPECIFIED SHALL BE PLACED AT ALL LOCATIONS SHOWN ON THE DRAWINGS AS SPECIFIED IN THE SPECIAL PROVISIONS...
8. BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATIONS IS REQUIRED).
9. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE, ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.
10. FOR STEEL BAR CERTIFICATION, PLEASE CONTACT ABDUL DANHAN OF BUREAU OF MATERIALS AT 847-705-4363.
11. 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.
12. THE CONTRACTOR SHALL MAKE ALL SAW CUTS REQUIRED FOR THE REMOVAL OF CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, CONCRETE DRIVEWAYS, HMA DRIVEWAYS AND HMA PAVEMENTS OR AS DIRECTED BY THE ENGINEER. THE COST FOR SAW CUTTING SHALL BE INCIDENTAL TO THE ASSOCIATED WORK ITEM AND SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT.

Table with columns: PLAN, SURVEYED, PLOTTED, CHECKED, DATE. Includes fields for 'BY', 'DATE', 'NOTE BOOK NO.', 'DRAWING FILE NAME'.

Table with columns: PROFILE, SURVEYED, PLOTTED, CHECKED, DATE. Includes fields for 'BY', 'DATE', 'NOTE BOOK NO.', 'STRUCTURE NOTATION CHFD'.

Table with columns: FILE NAME, USER NAME, DESIGNED, CHECKED, PLOT SCALE, PLOT DATE, REVISED. Contains project file information and revision status.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

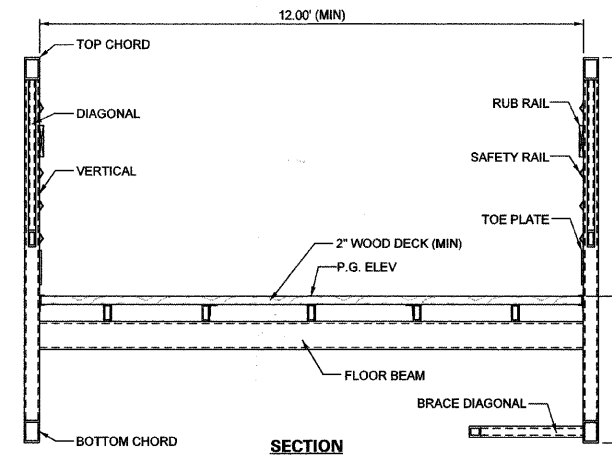
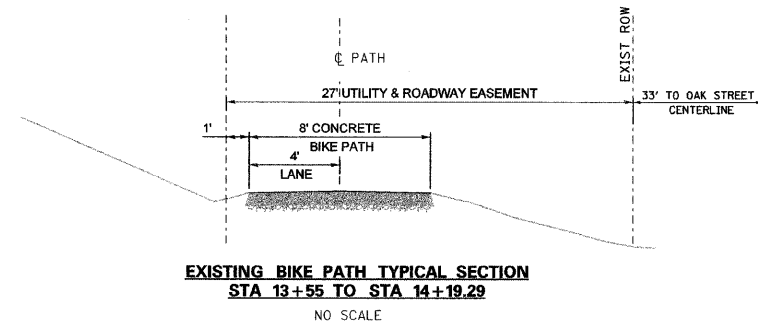
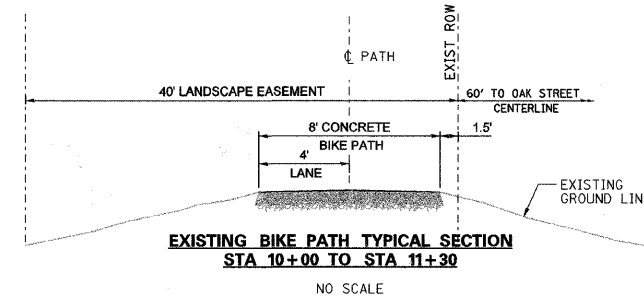
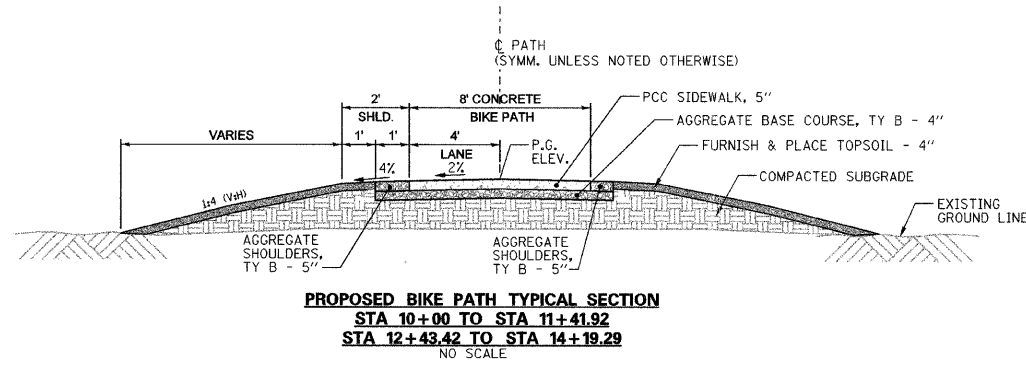
INDEX OF SHEETS, APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES AND SUMMARY OF QUANTITIES

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

Table with columns: SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Contains project identification and sheet numbering information.

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

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
NOTE BOOK NO.	BY	
	STRUCTURE NOTATION	



NOTE:
 EXACT SIZE OF BRIDGE MEMBERS
 TO BE DETERMINED BY BRIDGE FABRICATOR

REACTION TABLE - 100' SPAN

DESIGN LOADS UTILIZED, PROVIDED BY TRUSS FABRICATOR. THIS INFORMATION HAS BEEN PROVIDED FOR REFERENCE ONLY. IF ACTUAL DESIGN LOADS EXCEED THOSE STATED BY MORE THAN 5%, THE FABRICATOR MUST INFORM THE DESIGN ENGINEER TO RE-EVALUATE THE SUBSTRUCTURE DESIGN.

LOAD TYPE	P (LBS)	H (LBS)	L (LBS)
DEAD LOAD	13,860		
UNIFORM LIVE LOAD	25,500		
VEHICLE LOAD	5,000		
WIND UP/LIFT (20 PSF)			
WINDWARD	-10,000		
LEEWARD	-3,335		
WIND	+/- 2,570	8,125	
THERMAL			4,850

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	PLOT DATE = 11/6/2008	CHECKED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS AND DETAILS

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	3
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

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

PROFILE	DATE	BY
	SURVEYED	CHECKED
NOTE BOOK NO.	GRADES CHECKED	NOTATION CHECKED
	STRUCTURE NOTATION CHECKED	

EARTH EXCAVATION

BIKE PATH EXCAVATION - CLAY

STATION	END AREA (SF)		SUM OF END AREA (SF)		DISTANCE (FT)	SECTION VOLUMES (CY)	
	CUT	FILL	CUT	FILL		CUT	FILL
10+00.00	2.1	1.1					
10+50.00	0.4	1.9	2.5	3	50	2	3
11+00.00	0	2.3	0.4	4.2	50	0	4
11+43.25	0	2.3	0	4.6	43.25	0	4
BRIDGE							
12+42.25	0	142.8					
12+50.00	0	142.8	0	285.6	7.75	0	41
13+00.00	8.1	55.8	8.1	198.6	50	8	184
13+50.00	0	39.5	8.1	95.3	50	8	88
14+00.00	1	3	1	42.5	50	1	39
14+19.29	0	0	1	3	19.29	0	1
SUB-TOTAL BIKE PATH CLAY EXCAVATION						19	384

BIKE PATH EXCAVATION - TOPSOIL

STATION	END AREA (SF)		SUM OF END AREA (SF)		DISTANCE (FT)	SECTION VOLUMES (CY)	
	CUT	FILL	CUT	FILL		CUT	FILL
10+00.00	2.3	1.2					
10+50.00	3.5	1.0	6.4	2.8	50	6	3
11+00.00	3.9	1.9	7.4	3.5	50	7	3
11+43.25	3.9	1.9	7.8	3.8	43.25	6	3
BRIDGE							
12+42.25	24.4	13					
12+50.00	24.4	13	48.8	26	7.75	7	4
13+00.00	20.1	10.1	44.5	23.1	50	41	21
13+50.00	13.6	5.8	33.7	15.9	50	31	15
14+00.00	5	2.4	18.6	8.2	50	17	8
14+19.29	0	0	5	2.4	19.29	2	1
SUB-TOTAL BIKE PATH TOPSOIL EXCAVATION						117	58

COMPENSATORY STORAGE BASIN - CLAY

STATION	END AREA (SF)		SUM OF END AREA (SF)		DISTANCE (FT)	SECTION VOLUMES (CY)	
	CUT	FILL	CUT	FILL		CUT	FILL
105+30.77	105.3	0					
106+00.67	60.7	0	166	0	69.9	215	0
106+11.87	0	0	60.7	0	11.2	13	0
SUB-TOTAL COMPENSATORY STORAGE BASIN CLAY EXCAVATION						228	0

COMPENSATORY STORAGE BASIN - TOPSOIL

STATION	END AREA (SF)		SUM OF END AREA (SF)		DISTANCE (FT)	SECTION VOLUMES (CY)	
	CUT	FILL	CUT	FILL		CUT	FILL
105+30.77	40.3	29.8					
106+00.67	39.1	27.3	79.4	57.1	69.9	103	74
106+11.87	2.5	2.2	41.6	29.5	11.2	9	6
SUB-TOTAL COMPENSATORY STORAGE BASIN TOPSOIL EXCAVATION						112	80

EARTHWORK SUMMARY

LOCATION	SUITABLE EARTH EXCAVATION	UNSUITABLE MATERIAL (TOPSOIL)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(CY)	(CY)	(CY)	(CY)	(CY)	(CY)	(CY)
PATH	19	117	17	364	58	(+359)	(-347)
COMP STORAGE BASIN	228	112	198	0	80	(+32)	(+198)
TOTAL	247	229	215	364	138	(+391)	(-149)

NOTE: A 15% SHRINKAGE FACTOR WAS USED.

**SEEDING, CLASS 1
EROSION CONTROL BLANKET**

LOCATION	SY	AC
10+00 11+56 RT	215	0.04
10+00 11+56 LT	98	0.02
12+36 14+19 RT	280	0.06
12+36 14+19 LT	1140	0.24
TOTAL	1733	0.36

PERIMETER EROSION BARRIER

LOCATION	FOOT
11+69 36 RT 11+79 72 LT	112
12+19 33 RT 12+28 104 LT	140
TOTAL	252

AGGREGATE BASE COURSE, TYPE B 4"

LOCATION	SY
10+00 11+43 143	10 159
12+42 14+19 177	10 197
TOTAL	356

PCC SIDEWALK, 5"

LOCATION	SF
10+00 11+43 143	8 1144
12+42 14+19 177	8 1416
TOTAL	2560

SIDEWALK REMOVAL

LOCATION	SQ FT
10+00 11+30 130	8 1040
13+56 14+19 63	8 504
TOTAL	1544

AGGREGATE SHOULDERS, TYPE B

LOCATION	WIDTH	DEPTH	CU FT	TONS
10+00 11+43 LT	1	0.42	60	4
10+00 11+43 RT	1	0.42	60	4
12+42 14+19 LT	1	0.42	74	4
12+42 14+19 RT	1	0.42	74	4
TOTAL			168	16

BICYCLE RAILING

LOCATION	FOOT
1112 LT 1142 LT	30
1113 RT 1143 RT	30
1244 LT 1284 LT	40
1244 LT 1284 LT	40
TOTAL	140

MANHOLES TO BE ADJUSTED

LOCATION	EACH
10+92 0 LT/RT	1
TOTAL	1

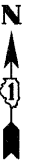
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

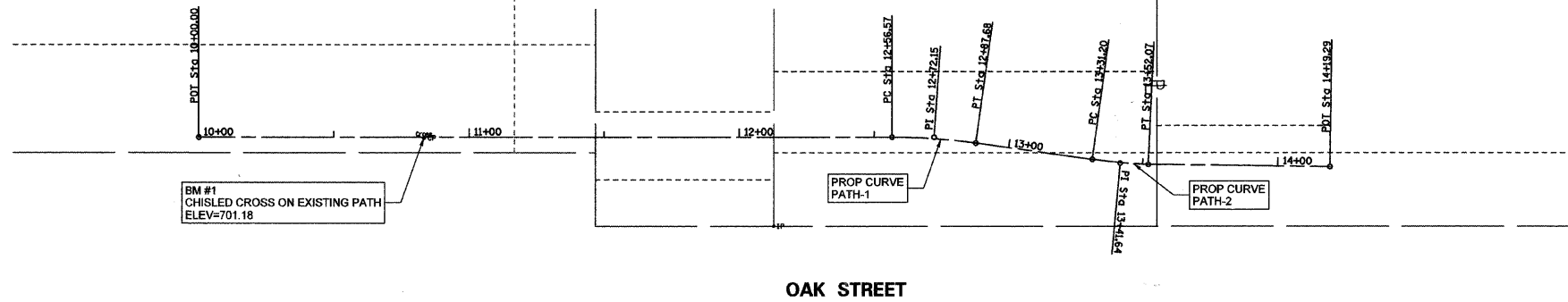
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	4
CONTRACT NO. 63097				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



Prop. Curve PATH-1
 PI Sta. 12+72.15
 $\Delta = 7^\circ 55' 21''$ (RT)
 $D = 25^\circ 27' 53''$
 $T = 15.58'$
 $R = 225.00'$
 $L = 31.11'$
 $E = 0.54'$
 PC Sta. 12+66.57
 PT Sta. 12+87.68

Prop. Curve PATH-2
 PI Sta. 13+41.64
 $\Delta = 5^\circ 18' 55''$ (LT)
 $D = 25^\circ 27' 53''$
 $T = 10.44'$
 $R = 225.00'$
 $L = 20.87'$
 $E = 0.24'$
 PC Sta. 13+31.20
 PT Sta. 13+52.07



PLAN	SURVEYED	BY	DATE
	ALIGNMENT CHECKED		
	NOTE BOOK		
	NO. _____		
	FIELD FILE NAME		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		

BENCHMARKS:
 BM #1
 CHISLED CROSS ON EXISTING PATH
 ELEV=701.18

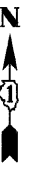
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT AND
 BENCHMARK PLAN

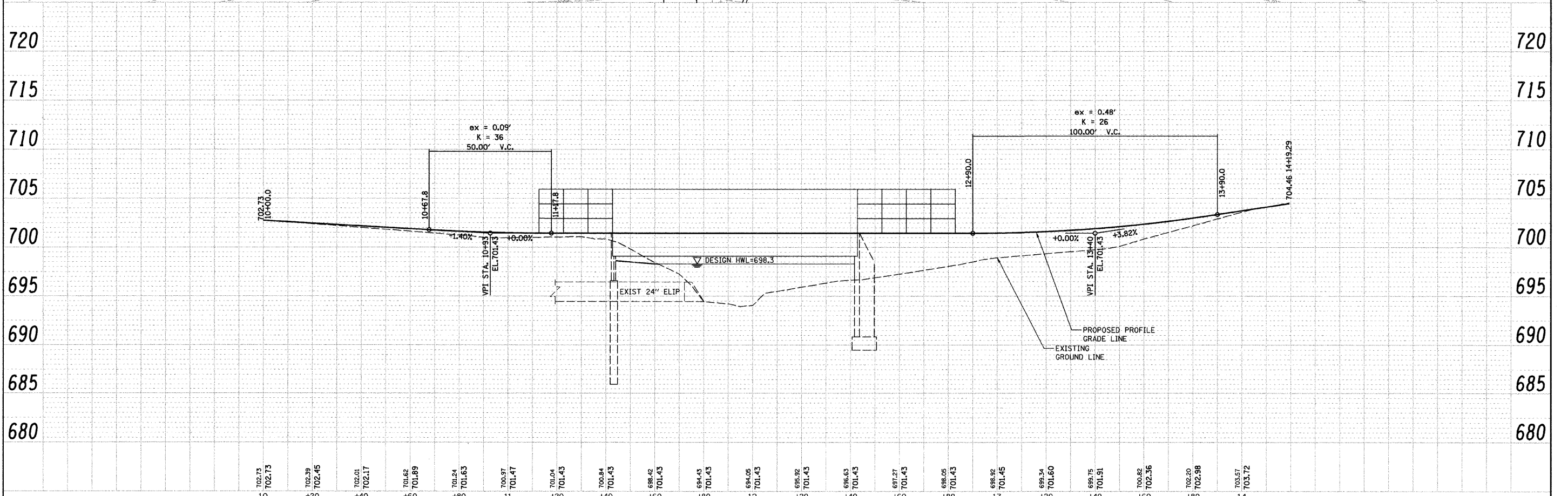
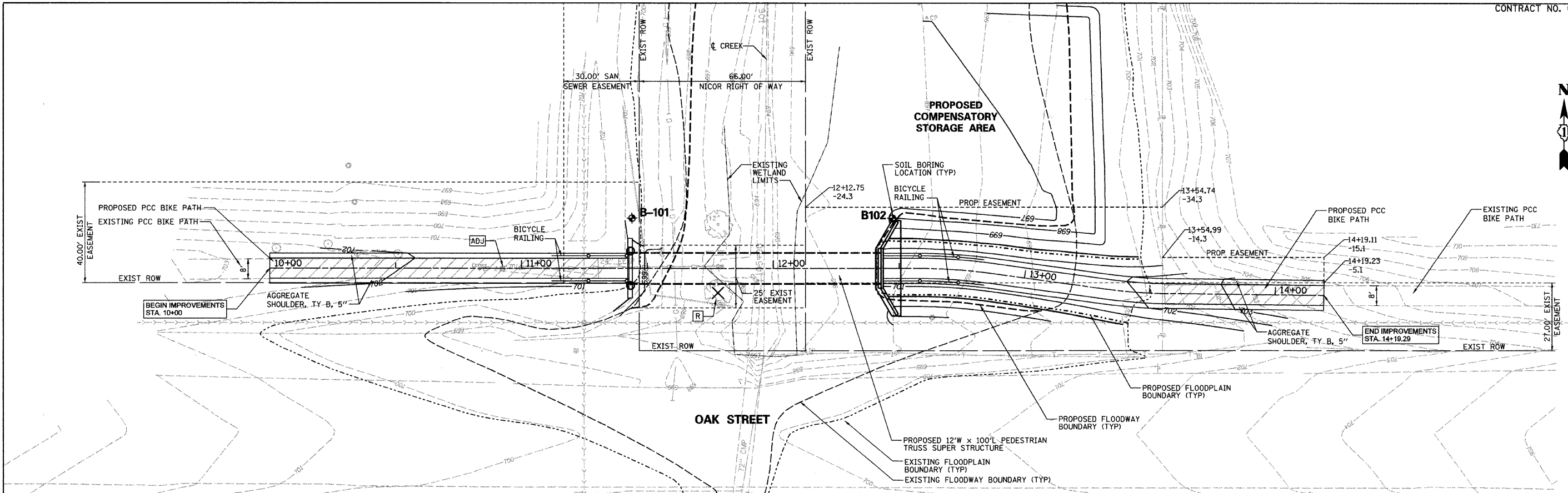
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	5
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63097	



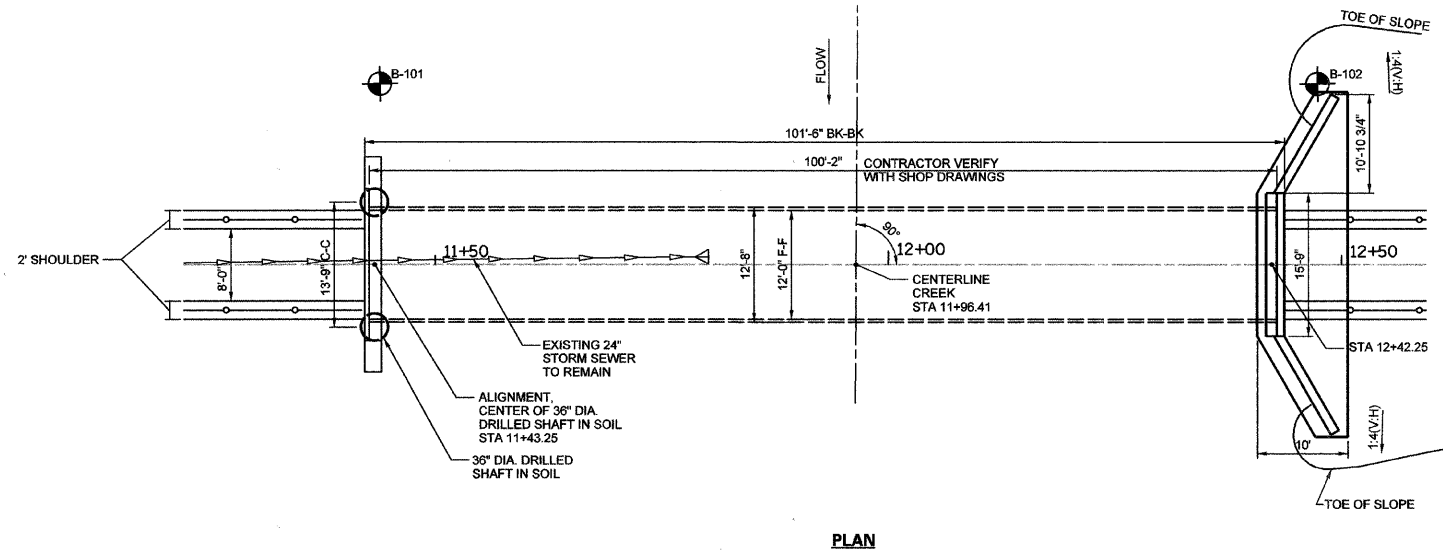
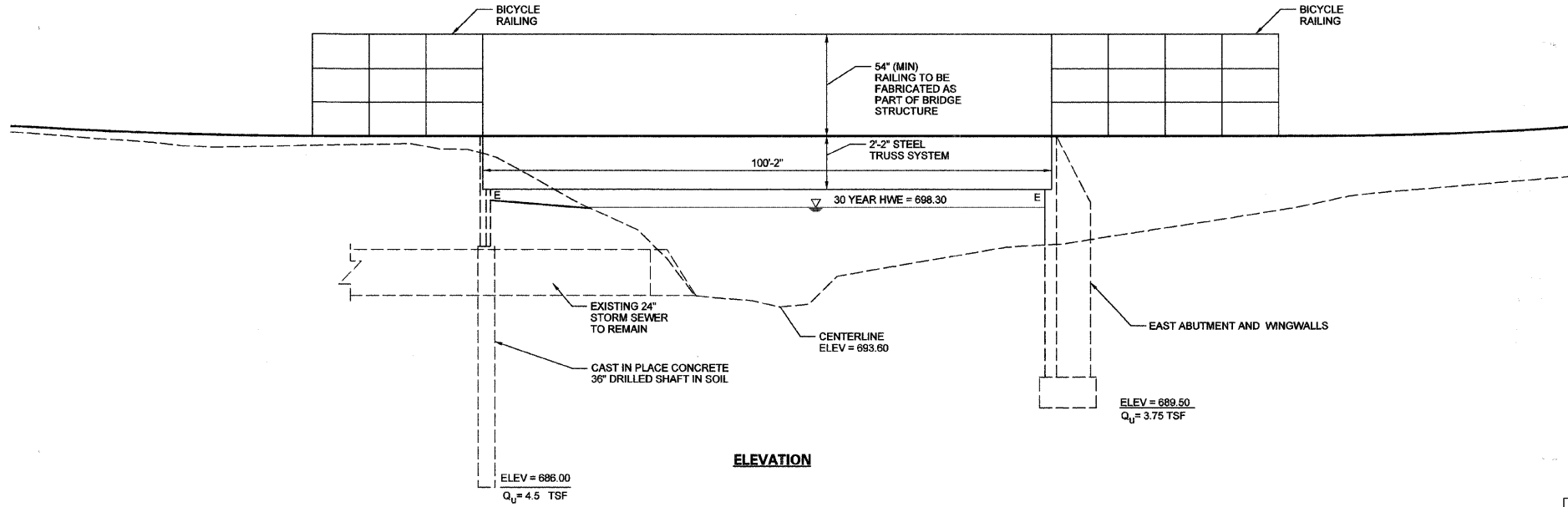
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PLOT DATE = 11/6/2008	DRAWN -	REVISED -	REVISED -			CONTRACT NO. 63097				
	CHECKED -	REVISED -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

BENCH MARK:
IRON BAR IN CENTERLINE OF OAK STREET AT NORTH-SOUTH
NICOR RIGHT OF WAY 1600 FEET WEST OF RANDALL ROAD
(NORTH AURORA BM#28) ELEV=700.18 (NGVD 1929)



WATERWAY INFORMATION

Flood	Freq. Yr.	Q Ft ³ /s	Opening - ft.		Natural H.W.E.	Head - ft.		Headwater Elevation	
			Existing	Proposed		Existing	Proposed	Existing	Proposed
Design	30	137	--	210	698.3	--	0	--	698.3
Base	100	226	--	286	700.3	--	0	--	700.3
Overtop Existing	--	--	--	--	--	--	--	--	--
Overtop Proposed	--	--	--	--	--	--	0	--	--
Max. Calc.	100	226	--	286	700.3	--	0	--	700.3

Drainage Area = 1.25 mi² Existing Low Grade Elev. = 701.43 at Sta. 11+96.41 Proposed Low Grade = 701.43 at Sta. 11+96.41

10 YEAR VELOCITY THROUGH EXISTING BRIDGE = -- ft/s 10 YEAR VELOCITY THROUGH PROPOSED BRIDGE = 1 ft/s

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) = 3.7
Site Coefficient (S) =

HIGHWAY CLASSIFICATION

Class: BIKE PATH
DHV: 100
ADT: 300 (2030)
Design Speed: 20 MPH

LOADING H-5 TRUCK

FIELD UNITS
 $f'_c = 5,000$ psi
 $f_y = 60,000$ psi (Reinf.)

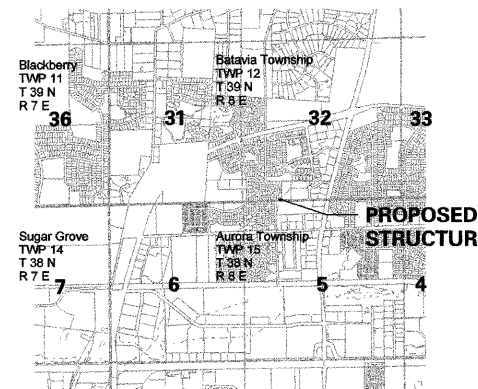
DESIGN SPECIFICATIONS

1997 AASHTO GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGE
2002 AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES

I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS BRIDGE/BOX CULVERT DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH REQUIREMENTS OF THE CURRENT "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES"

DATE: Nov. 14, 2008 EXPIRATION DATE: Nov. 2010

James J. Bibby
81-004928
REGISTERED
STRUCTURAL
ENGINEER
OF
ILLINOIS



LOCATION SKETCH

PLAN

DATE	
BY	
SURVEYED	
ALIGNMENT CHECKED	
NOTE BOOK	
FILE NAME	
NO.	

PROFILE

DATE	
BY	
SURVEYED	
GRADES CHECKED	
NOTE BOOK	
STRUCTURE NOTATIONS CHECKED	
NO.	

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PLOT SCALE = 18.00 ft / IN.	DRAWN -	REVISED -	REVISED -
PLOT DATE = 11/14/2008	CHECKED -	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

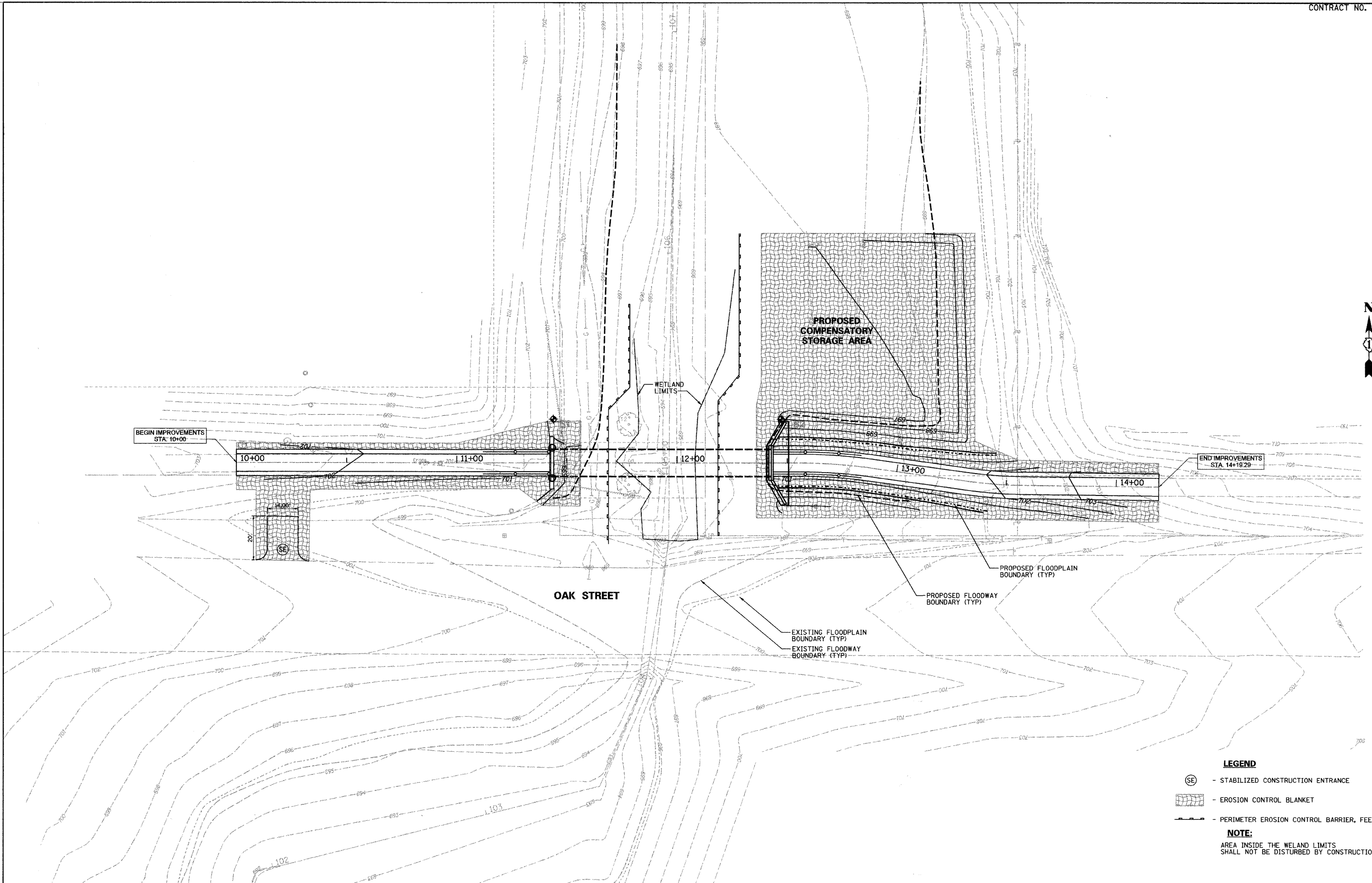
BRIDGE PLAN AND ELEVATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	7
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63097	

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

PROFILE	SURVEYED	BY	DATE
	NOTE BOOK		
	NO.		
GRADES CHECKED			
STRUCTURE NOTATIONS CHECKED			



- LEGEND**
- (SE) - STABILIZED CONSTRUCTION ENTRANCE
 - [Grid Pattern] - EROSION CONTROL BLANKET
 - [Dashed Line] - PERIMETER EROSION CONTROL BARRIER, FEET
- NOTE:**
AREA INSIDE THE WETLAND LIMITS SHALL NOT BE DISTURBED BY CONSTRUCTION

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

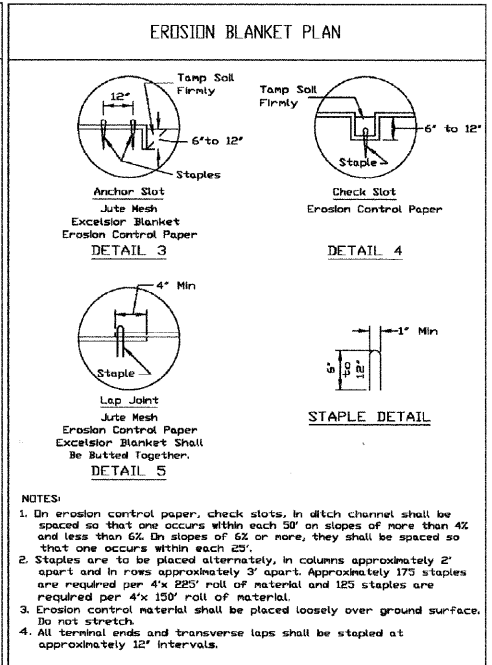
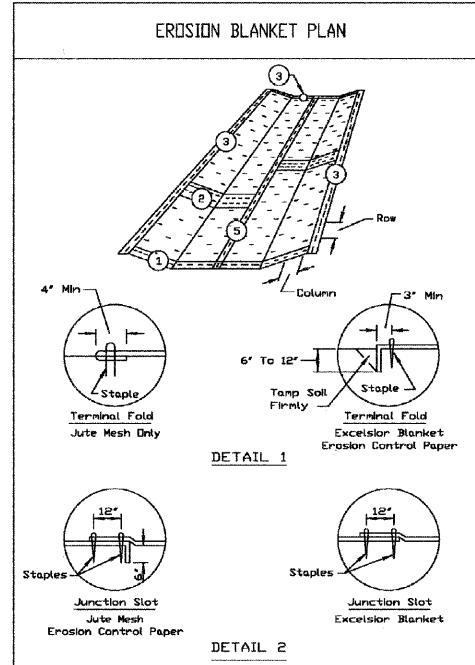
PEDESTRIAN BRIDGE EROSION CONTROL PLAN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	8
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63097	

PLAN
 SURVEYED _____
 ALIGNED _____
 CHECKED _____
 NO. _____

PROFILE
 SURVEYED _____
 GRADES CHECKED _____
 NOTE BOOK _____
 NO. _____



REFERENCE:
 Project: _____
 Designed: _____
 Checked: _____
 Approved: _____

NRCS
 National Resource Conservation Service

STANDARD DIV. NO.
IL-530
 SHEET 1 OF 2
 DATE: 9-24-94

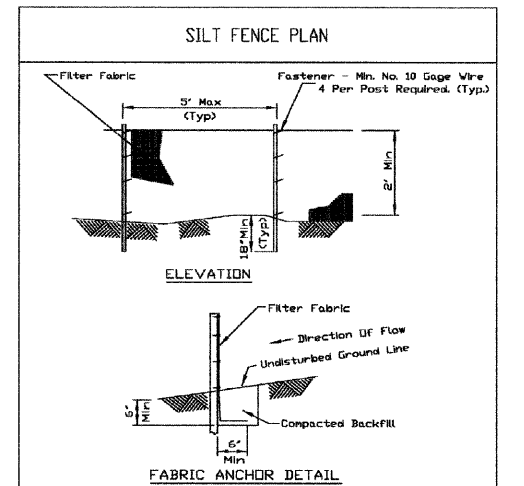
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 Project: _____
 Designed: _____
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 Approved: _____

NRCS
 National Resource Conservation Service

STANDARD DIV. NO.
IL-530
 SHEET 2 OF 2
 DATE: 9-24-94

EROSION CONTROL NOTES:

- EROSION CONTROL MEASURES SHALL MEET ALL REQUIREMENTS OF THE VILLAGE AND THE ENVIRONMENTAL PROTECTION AGENCY, N.P.D.E.S. PERMIT CONSTRUCTION SITE ACTIVITIES.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED 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.
- 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 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 OR STORM WATER STRUCTURES IS PROHIBITED.
- IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED. TEMPORARY SEEDING SHALL BE IDOT CLASS I & PERMANENT SEEDING SHALL BE IDOT CLASS I.
- STOCKPILE OF SOIL & OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN 3 DAYS SHALL BE FURNISHED EROSION & SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE), STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- PROPERTIES ADJACENT TO SITE OF A LAND DISTURBANCE SHOULD BE PROTECTED FROM SEDIMENT DEPOSITION. THIS MAY BE ACCOMPLISHED BY PERIMETER CONTROLS SUCH AS FILTER FENCE OR DIKES, OR OTHER APPROVED MEASURES.
- EROSION CONTROL MEASURES MUST BE CONSTRUCTED AS A FIRST STEP IN GRADING AND BE MADE FUNCTIONAL BEFORE UP SLOPE LAND DISTURBANCE TAKES PLACE.
- ALL STORM SEWER INLETS WHICH ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED BY EITHER AREA DRAIN PROTECTION, DIKE IN GRADED AREAS, OR BY WRAPPING FILTER FABRIC AROUND THE GRATE IN PAVED AREAS.
- WHEN EVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHOULD BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) BY RUNOFF OR VEHICLE TRACKING ONTO THE PAVED SURFACE.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHOULD BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND RESPREADING OF ANY MATERIAL THAT IS DEPOSITED OFF-SITE.
- ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY & AFTER EACH 1/2" RAIN EVENT.
- ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY & CLEANED WHEN NECESSARY.
- WINTER SHUT DOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL.

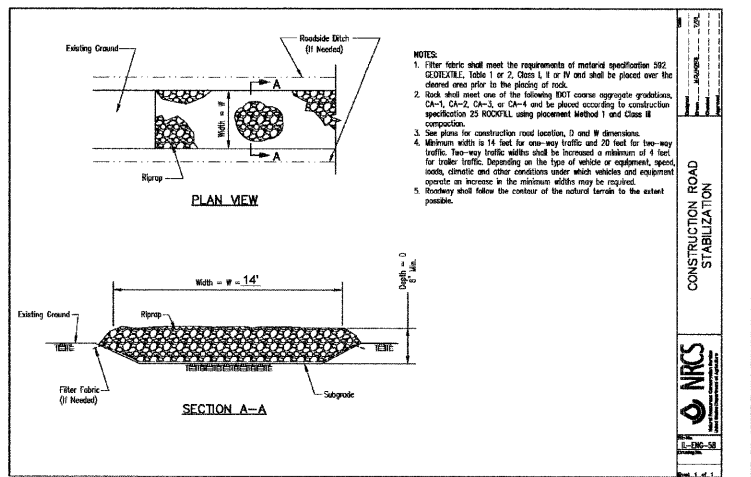


- NOTES:
- Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
 - Filter fabric shall meet the requirements of material specification 552 Geotextile Table 1 or 2, Class 1 with equivalent opening size of at least 30 for nonwoven and 50 for woven.
 - Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE:
 Project: _____
 Designed: _____
 Checked: _____
 Approved: _____

NRCS
 National Resource Conservation Service

STANDARD DIV. NO.
IL-620
 SHEET 1 OF 2
 DATE: 11-29-95



- NOTES:
- Filter fabric shall meet the requirements of material specification 552 Geotextile Table 1 or 2, Class I or IV and shall be placed over the cleared area prior to the planting of rock.
 - Subgrade shall meet one of the following DOT coarse aggregate gradations: CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROADFILL using placement method 1 and Class II composition.
 - See plans for construction road location, D and W dimensions.
 - Minimum width is 14 feet for one-way traffic and 20 feet for two-way traffic. Two-way traffic widths shall be increased a minimum of 4 feet for trailer traffic. Depending on the type of vehicle or equipment, speed, soil, climatic and other conditions under which vehicles and equipment operate an increase in the minimum width may be required.
 - Shoulder shall follow the contour of the natural terrain to the extent possible.

SOIL PROTECTION SCHEDULE

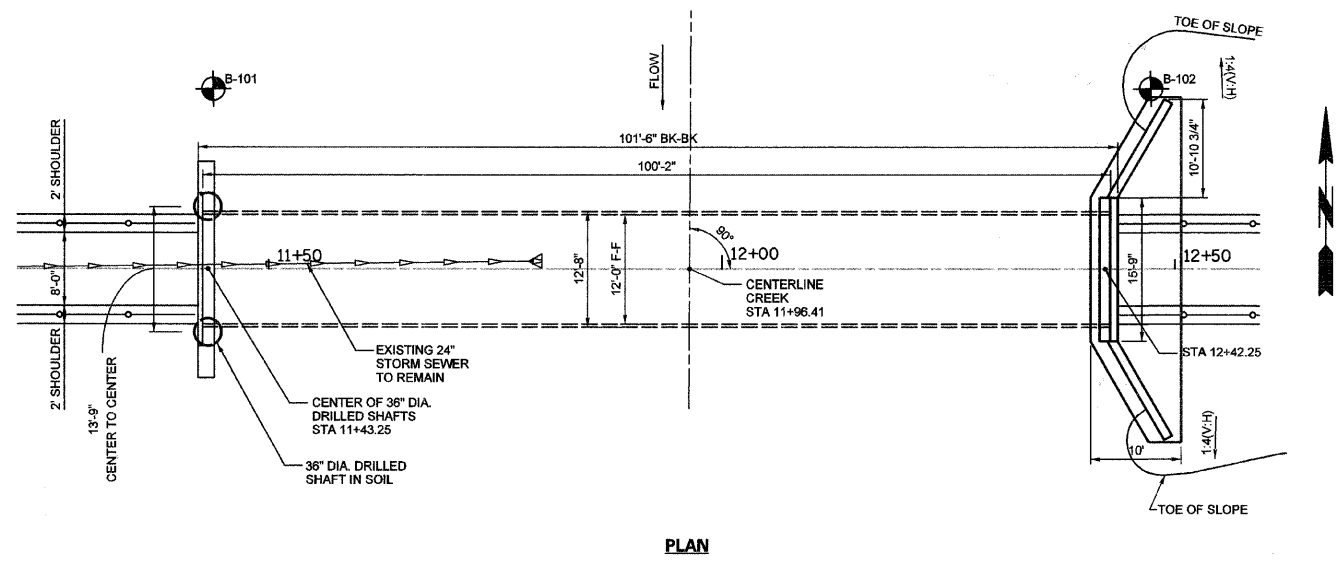
STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING				A				A				
DORMANT SEEDING	B									A		
TEMPORARY SEEDING			B									
ER BLANKET/ HYDROMULCH	B							B				
MULCHING	C											

A- CLASS I IDOT SEEDING
 B- CLASS II IDOT SEEDING
 C- MULCH

FILE NAME = n:\dgn\ne\ne327\sheet\ne327_erosion.dgn	USER NAME = _USER_	DESIGNED - CHECKED -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS	F.A. RTE. _____	SECTION 07-00050-00-BT	COUNTY KANE	TOTAL SHEETS 15	SHEET NO. 9
PLOT SCALE = 38.00 Ft / IN.	DRAWN -	REVISED -	SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63097		
PLOT DATE = 11/6/2008	CHECKED -	REVISED -								

DATE	BY
SURVEYED	ALIGNED
CHECKED	CHECKED
NOTE BOOK	FILE NO.
NO.	NO.

DATE	BY
SURVEYED	GRADES
CHECKED	CHECKED
NOTE BOOK	FILE NO.
NO.	NO.



PLAN

PROJECT **Bike Path Bridge, Oak Street, North Aurora, Illinois**
 CLIENT **Village of North Aurora, North Aurora, Illinois**
 BORING **101** DATE STARTED **2-1-07** DATE COMPLETED **2-1-07** JOB **L-68,046**
 ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **700.5** WHILE DRILLING **18.0'**
 END OF BORING **675.0** AT END OF BORING **7.0'**
 24 HOURS



SAMPLE NO.	TYPE	N	WC	Q _u	DRY DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	11	24.7	3.5"	98		FILL - Black clayey TOPSOIL, moist (OL)
2	SS	8	23.2	3.75"	96		FILL - Black clayey TOPSOIL and brown silty CLAY, trace sand, moist (OL/CL)
3	SS	8	18.8	3.25"	112		Very tough brownish-gray very silty CLAY, trace to little sand, trace gravel, moist (CL)
4	SS	14	15.2	3.5"		696.0	Dense light brown and brown silty SAND and GRAVEL, occasional Cobbles and Boulders, moist (SM/GM)
5	SS	32	9.4			692.5	Hard brown very silty CLAY, little to some sand, trace gravel, occasional Cobbles, moist (CL)
6	SS	23	9.3	4.5"		687.5	Firm light brown sandy SILT, trace gravel, occasional Cobbles and Boulders, moist (ML)
7	SS	20	7.7			685.0	Firm light gray clayey SILT, little to some sand, trace gravel, occasional sand seams, moist (ML)
8	SS	15	10.8			682.5	Dense light gray clayey SILT, little to some sand, trace gravel, occasional Cobbles, moist (ML)
9	SS	43	12.8			680.0	Very dense light gray silty SAND and GRAVEL (SM/GM) (possible weathered bedrock)
10	SS	1000*				677.5	* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. Auger refusal at 25.5 feet on probable bedrock or boulders.
11	SS	1000*					

DRILL RIG NO. **127** Division lines between deposits represent approximate boundaries between soil types. In-situ, the transition may be gradual. End of Boring at 25.5'

PROJECT **Bike Path Bridge, Oak Street, North Aurora, Illinois**
 CLIENT **Village of North Aurora, North Aurora, Illinois**
 BORING **102** DATE STARTED **2-1-07** DATE COMPLETED **2-1-07** JOB **L-68,046**
 ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **696.3** WHILE DRILLING **13.0'**
 END OF BORING **676.3** AT END OF BORING **4.5'**
 24 HOURS



SAMPLE NO.	TYPE	N	WC	Q _u	DRY DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	7	29.2	0.75"		895.0	Black clayey TOPSOIL (OL)
2	SS	5	21.4	1.0"		893.3	Stiff brown and light gray silty CLAY, trace sand, trace organic, very moist (CL/CH)
3	SS	17	16.4	3.75"		890.8	Tough brown and light orange-brown very silty CLAY, trace to little sand, trace gravel, trace organic, very moist (CL)
4	SS	5	19.3			888.3	Very tough brown silty CLAY, trace to little sand, trace gravel, moist (CL)
5	SS	9	21.8			885.8	Loose gray clayey SILT, some sand, moist (ML)
6	SS	8				883.3	Loose gray medium to fine SAND, trace silt, wet (SP)
7	SS	60*	10.2	3.5"		881.3	Very tough brown and gray very silty CLAY, little to some sand, trace gravel, occasional Cobbles and Boulders, moist (CL)
8	SS	100*	7.4			878.3	Very dense light brown silty GRAVEL (GM) (possible weathered bedrock)
9	SS	100*					* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. Auger refusal at 20 feet on possible bedrock or boulders.

DRILL RIG NO. **127** Division lines between deposits represent approximate boundaries between soil types. In-situ, the transition may be gradual. End of Boring at 20.0'

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

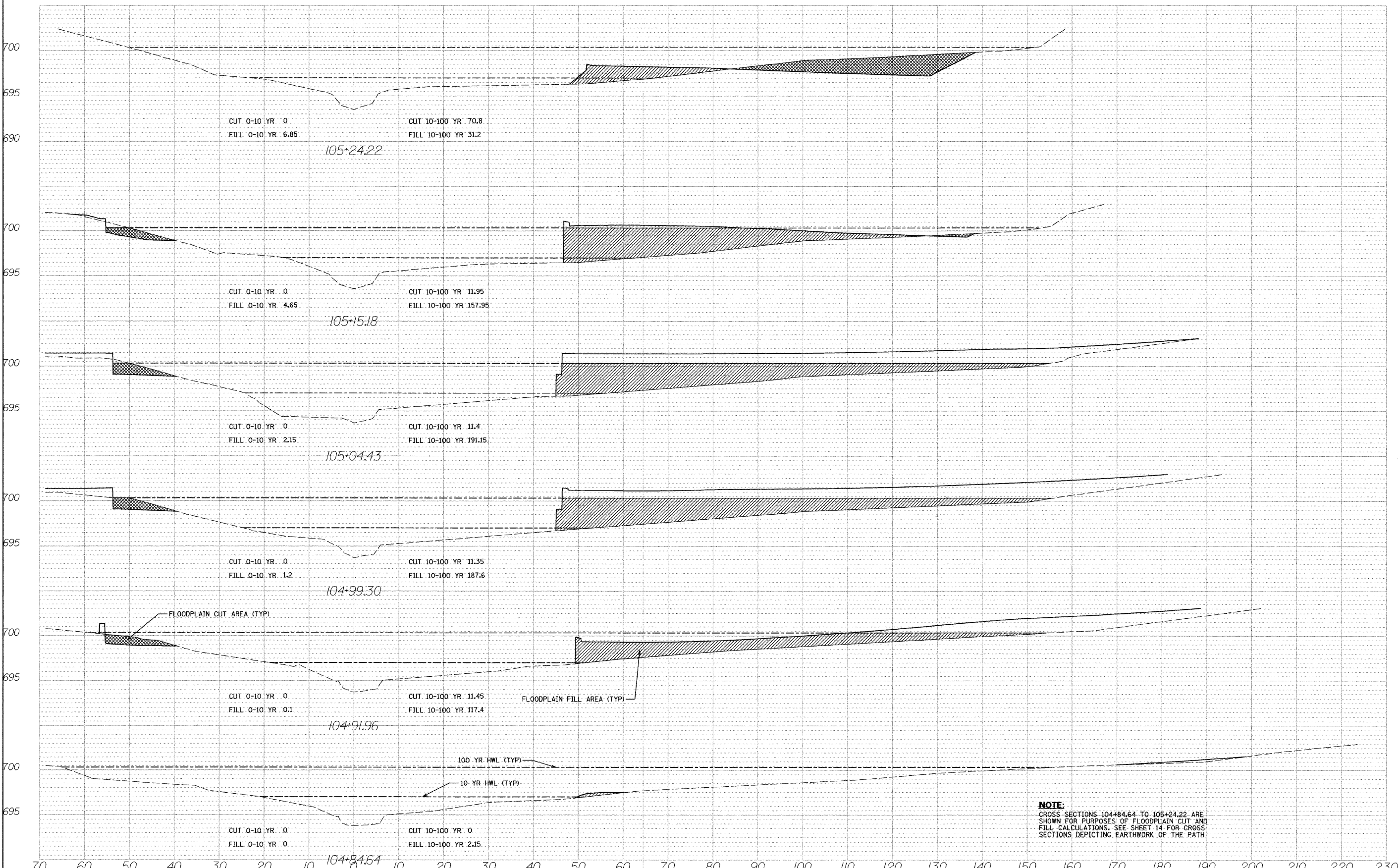
SOIL BORING PLAN

SCALE: 1"=10' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	12
CONTRACT NO. 63097				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

DATE	BY
DATE	BY
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NOTE:
 CROSS SECTIONS 104+84.64 TO 105+24.22 ARE SHOWN FOR PURPOSES OF FLOODPLAIN CUT AND FILL CALCULATIONS. SEE SHEET 14 FOR CROSS SECTIONS DEPICTING EARTHWORK OF THE PATH

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

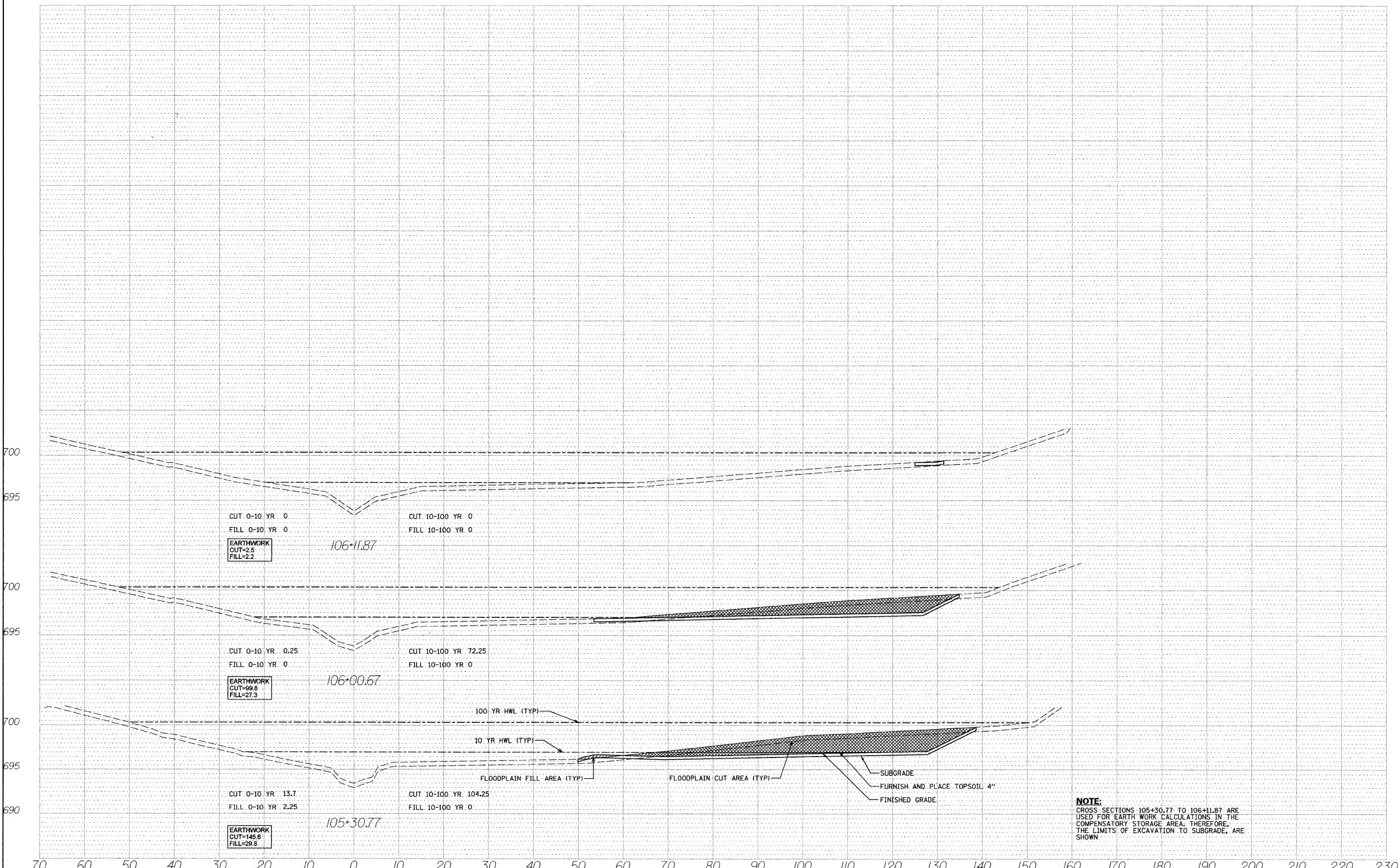
COMPENSATORY STORAGE AREA CROSS SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	13
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63097	

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PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	ALIGNMENT CHECKED		
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PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE INDENTIONS CHECKED		



NOTE:
 CROSS SECTIONS 105+30.77 TO 106+11.87 ARE USED FOR EARTH WORK CALCULATIONS IN THE COMPENSATORY STORAGE AREA, THEREFORE, THE LIMITS OF EXCAVATION TO SUBGRADE, ARE SHOWN

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COMPENSATORY STORAGE AREA CROSS SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00050-00-BT	KANE	15	14
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 63097				

