4-27-07 Letting, Item 079

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	1

CONTRACT NO. 44925

INDEX OF SHEETS

STATE STANDARDS

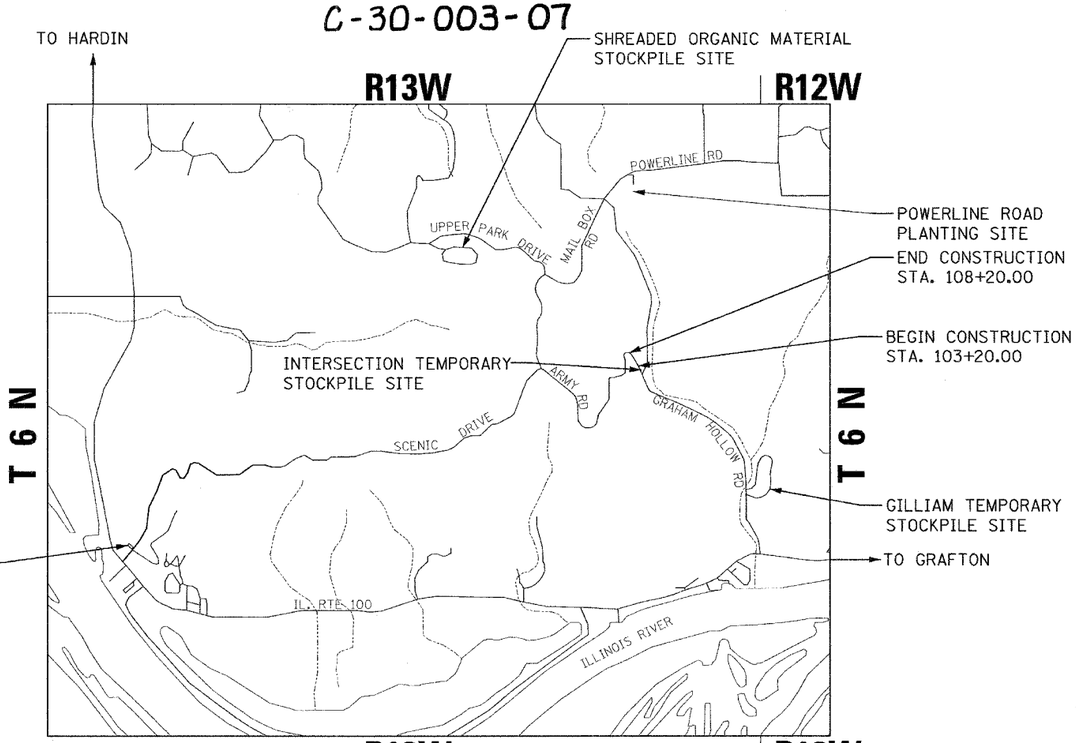
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602401-01	MANHOLE - TYPE A
602701-01	MANHOLE STEPS
604101	MEDIAN INLET FOR 600MM (24") REINFORCED CONCRETE PIPE
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

IDNR /IHPA STATEWIDE
PERE MARQUETTE STATE PARK

ARMY ROAD IMPROVEMENTS
JERSEY COUNTY
JOB NO. P-30-002-07

C-30-003-07



LOCATION MAP

GROSS LENTH = 500.00'=0.09 MILES
NET LENTH = 500.00'=0.09 MILES

N

1" = 2,000 FEET

LOCATION OF SECTION INDICATED THUS:-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 1, 2007
Eric E. Harm (R)
DEPUTY DIRECTOR OF HIGHWAYS,
March 23, 2007
Eric E. Harm (R)
Interim ENGINEER OF DESIGN AND ENVIRONMENT
March 23, 2007
Mutton R. Sees, P.E. (R)
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

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
CALL 1-800-892-0123

CONTRACT NO. 44925

DISTRICT PROJECT ENGINEER - LANCE KIDD

TONI M. McDONOUGH 062-040559 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

1/17/07
Toni M. McDonough, McDonough-Whitlow, P.C. Date
Licensed Professional Engineer
State of Illinois No. 62-40559
License Expires 11/30/07

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002764

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	2
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 44925

100% STATE Y009

	Code No.	Item	Unit	Quantity
*	20100500	TREE REMOVAL, ACRES	ACRE	1
	20200100	EARTH EXCAVATION	CU YD	27435
●	20200200	ROCK EXCAVATION	CU YD	1327
	20400800	FURNISHED EXCAVATION	CU YD	2130
*	20700300	POROUS GRANULAR EMBANKMENT, SPECIAL	TON	1900
	20800150	TRENCH BACKFILL	CU YD	95
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	3330
	25000305	SEEDING, CLASS 3A	ACRE	1
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90
●	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90
	25000700	AGRICULTURAL GROUND LIMESTONE	TON	2
	25100115	MULCH, METHOD 2	ACRE	0.4
*	25100401	EXCELSIOR BLANKET, SPECIAL	SQ YD	3320
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	350
	28000400	PERIMETER EROSION BARRIER	FOOT	1051
	28000500	INLET AND PIPE PROTECTION	EACH	2
	28000310	AGGREGATE DITCH CHECKS	EACH	11
	28001000	AGGREGATE (EROSION CONTROL)	TON	86
*	28100226	STONE RIPRAP, CLASS B3 (SPECIAL)	TON	2288
	28100830	STONE DUMPED RIPRAP, CLASS B4	TON	21
	28200200	FILTER FABRIC	SQ YD	482
	31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	2187
	35100100	AGGREGATE BASE COURSE, TYPE A	TON	633
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	420
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	140
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	109
	44000100	PAVEMENT REMOVAL	SQ YD	1112
	48100100	AGGREGATE SHOULDERS, TYPE A	TON	76
	50105220	PIPE CULVERT REMOVAL	FOOT	156
●	50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	253
	542A3379	PIPE CULVERTS, CLASS A, TYPE 5 24"	FOOT	95
	54213668	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
*	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	292
	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	13
*	60107700	PIPE UNDERDRAINS 6"	FOOT	300
*	60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	768
*	60220005	MANHOLES, TYPE A, 4'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1
*	60222705	MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1
● *	63003905	WEATHERING STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	325
● *	63004013	WEATHERING STEEL TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	EACH	2
	63200310	GUARDRAIL REMOVAL	FOOT	457
	67100100	MOBILIZATION	L SUM	1
*	70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2000
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2
*	A2006314	TREE, PRUNUS SEROTINA (BLACK CHERRY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	3
*	A2007150	TREE, QUERCUS VELUTINA (BLACK OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6
*	B2005214	TREE, MALUS SUTYZAM (SUGAR TYME CRAB APPLE), 1-3/4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3
*	F30040Y2	SEEDLING-CARYA OVATA (SHAGBARK HICKORY), 2-YEAR OLD, BARE ROOT	UNIT	0.3
*	F30050Y2	SEEDLING-CELTIS OCCIDENTALIS (HACKBERRY) 2-YEAR OLD, BARE ROOT	UNIT	0.2
*	F30120Y2	SEEDLING-QUERCUS ALBA (WHITE OAK), 2-YEAR OLD, BARE ROOT	UNIT	0.5
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1

• SPECIAL PROVISION

● SPECIALTY ITEMS

DISTRICT PROJECT ENGINEER - LANCL \IDD

PIPE CULVERT REMOVAL SCHEDULE

LOCATION	SIZE (IN)	TYPE	LENGTH	HEADWALLS•
104+21.31	30	CMP	80'	1
106+94.73	18	CMP	76'	1

• PRICE OF PIPE CULVERT REMOVAL INCLUDES HEADWALLS.

MANHOLE SCHEDULE

MARK	STATION	OFFSET TO ℄ MANHOLE	TYPE & SIZE	RIM ELEVATIONS	FLOWLINE IN	FLOWLINE OUT
MH #1	104+16.69	32' LT	MANHOLE, TYPE A, 5' DIAMETER, w/ MEDIAN INLET (604101)	557.5'	554.0'	538.42'
MH #2	107+12	32' LT	MANHOLE, TYPE A, 4' DIAMETER, w/ MEDIAN INLET (604101)	582.0'	--	577.67'

GUARDRAIL SCHEDULE

ITEM	LOCATION	QUANTITY
GUARDRAIL REMOVAL	RIGHT STA 103+55.36 TO STA 108+12.76	457 FOOT
WEATHERING STEEL PLATE BEAM GUARDRAIL, TYPE A	12' RIGHT STA 104+37.5 TO STA 107+62.5	325 FOOT
WEATHERING STEEL TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	1 AT STA 104+37.15 12' RT. 1 AT STA 107+62.5, 12' RT.	2 EACH

STRIPING SCHEDULE

FROM STA.	TO STA.	NO PASSING ZONE		PAVEMENT MARKING LINE 4"		
		LEFT	RIGHT	SOLID YELLOW (FOOT)	SOLID WHITE (FOOT)	SKIP DASH YELLOW (FOOT)
103+20.00	108+20.00	X	X	1000	1000	--

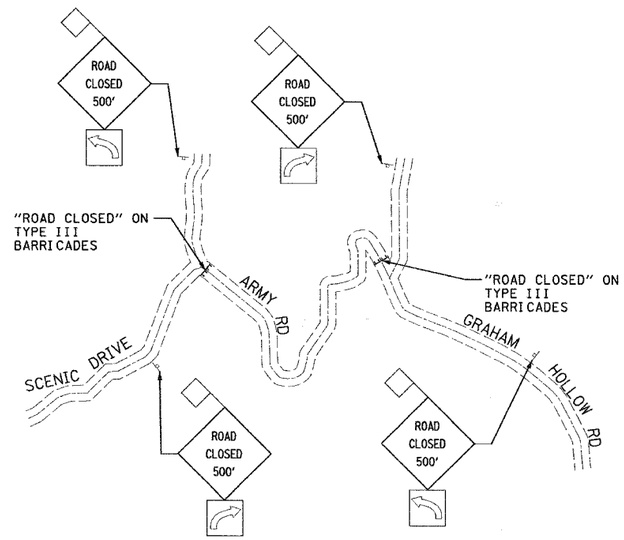
PIPE UNDERDRAIN SCHEDULE

LOCATION FROM	TO	SIZE	TYPE	LENGTH
104+00	107+00	6"	PERFORATED	300'

NOTE: FOLLOWS SLOPE OF KEYWAY SEE TYPICAL SECTION AND ROADWAY PROFILE SHEET

PIPE UNDERDRAIN (SPECIAL) SCHEDULE

LOCATION	SIZE	LENGTH (ESTIMATED)	CONCRETE HEADWALL FOR PIPE DRAINS
104+00	6"	49'	1
104+25	6"	49'	1
104+50	6"	49'	1
104+75	6"	48'	1
105+00	6"	46'	1
105+25	6"	47'	1
105+50	6"	47'	1
105+75	6"	52'	1
106+00	6"	56'	1
106+25	6"	67'	1
106+50	6"	78'	1
106+75	6"	86'	1
107+00	6"	94'	1
TOTAL		768	13



TRAFFIC CONTROL PLAN
SCALE: NTS

STORM SEWER SCHEDULE

SIZE	TYPE	BEGIN LOCATION	BEGIN INVERT	END LOCATION	END INVERT	LENGTH	SLOPE
18"	RUBBER GASKET CLASS A, TYPE 2	MH #1	554.0'	MH #2	577.67	292'	8.11%

PIPE CULVERT SCHEDULE

LOCATION	SKEW	SIZE (IN)	TYPE	LENGTHS LEFT	LENGTHS RIGHT	INVERT ELEVATIONS LEFT	INVERT ELEVATIONS RIGHT	INLET	OUTLET
104+21.31	8° AH RT	24	PIPE CULVERT CLASS A, TYPE 5	30'	65'	538.42	537.31	MANHOLE, TYPE A, 5' DIAMETER, w/ MEDIAN INLET	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES, SCHEDULES AND TRAFFIC CONTROL PLAN

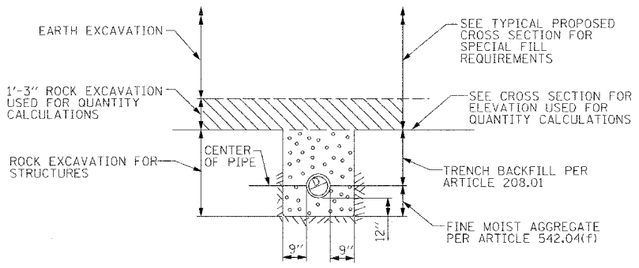
IDNR / IHPA STATEWIDE
ARMY ROAD IMPROVEMENTS
PERE MARQUETTE
STATE PARK

SCALE: NONE DRAWN BY: EJR

DATE: 1-16-07 CHECKED BY: KCM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	3
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 44925



PIPE CULVERT IN ROCK DETAIL
NO SCALE

COMMITMENTS:

1. COMPREHENSIVE ENVIRONMENTAL REVIEW PROCESS (CERP) CODE 0701184. COPY INCLUDED IN PROPOSAL.
2. DAMAGE TO GRAHAM HOLLOW ROAD DUE TO HAULING OF EXCAVATED MATERIAL SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE PROJECT.

NOTES:

1. 10 FT. TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
2. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
3. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
4. THE REMOVAL OF EXISTING DITCH CHECKS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
5. BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
6. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
7. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
8. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
9. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR SHOWN IN THE TREE REMOVAL AREA SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
10. ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
11. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER, THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
12. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
13. THE FOLLOWING CONVERSION FACTORS AND RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

GRANULAR MATERIALS, WELL GRADED		2.05	TONS/CU YD
GRANULAR MATERIALS, OPEN GRADED		1.75	TONS/CU YD
BITUMINOUS MAT PRIME COAT		0.375	GAL/SQ YD
BITUMINOUS RESURFACING		112	LBS/SQ YD/IN
AGGREGATE DITCH CHECKS		5	TONS AGGREGATE
FERTILIZER NUTRIENTS	N	90	LB/ACRE
	P	90	LB/ACRE
	K	90	LB/ACRE
AGRICULTURAL GROUND LIMESTONE		2	TONS/ACRE

14. LATERAL DISTANCES FROM THE CENTERLINE ON ALL INLETS ARE TO THE CENTER OF THE GRATE.
15. ALL PROPOSED MANHOLES ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE OF THE TYPE AND SIZE SPECIFIED.
16. TREES AND SEEDLINGS SHALL BE PLANTED AT THE CONSTRUCTION SITE AND AT A PLANTING SITE ALONG POWERLINE ROAD AS DIRECTED BY THE ENGINEER.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND DETAILS

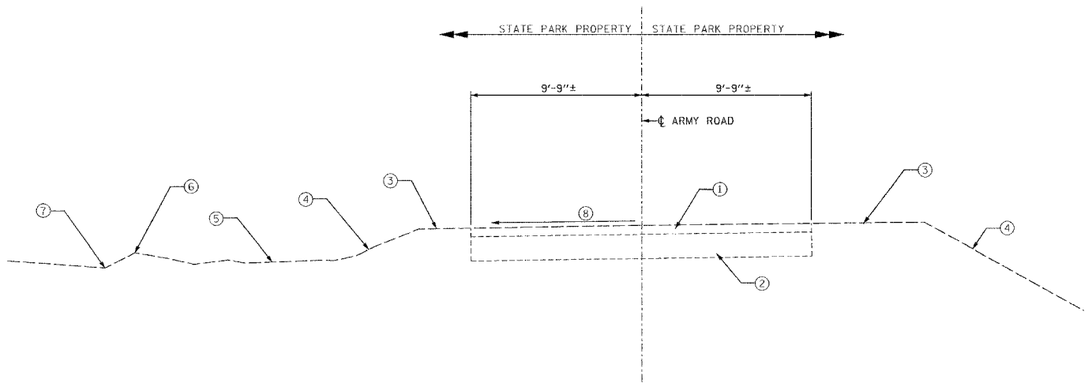
IDNR / IHPA STATEWIDE
ARMY ROAD IMPROVEMENTS
PERE MARQUETTE
STATE PARK

SCALE: NONE
DRAWN BY: EJR
DATE: 1-16-07
CHECKED BY: KCM

DISTRICT PROJECT ENGINEER - LANCE KIDD

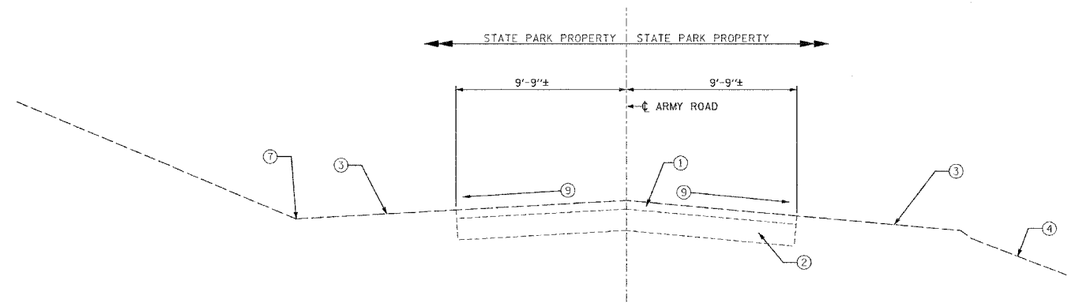
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	4
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 44925



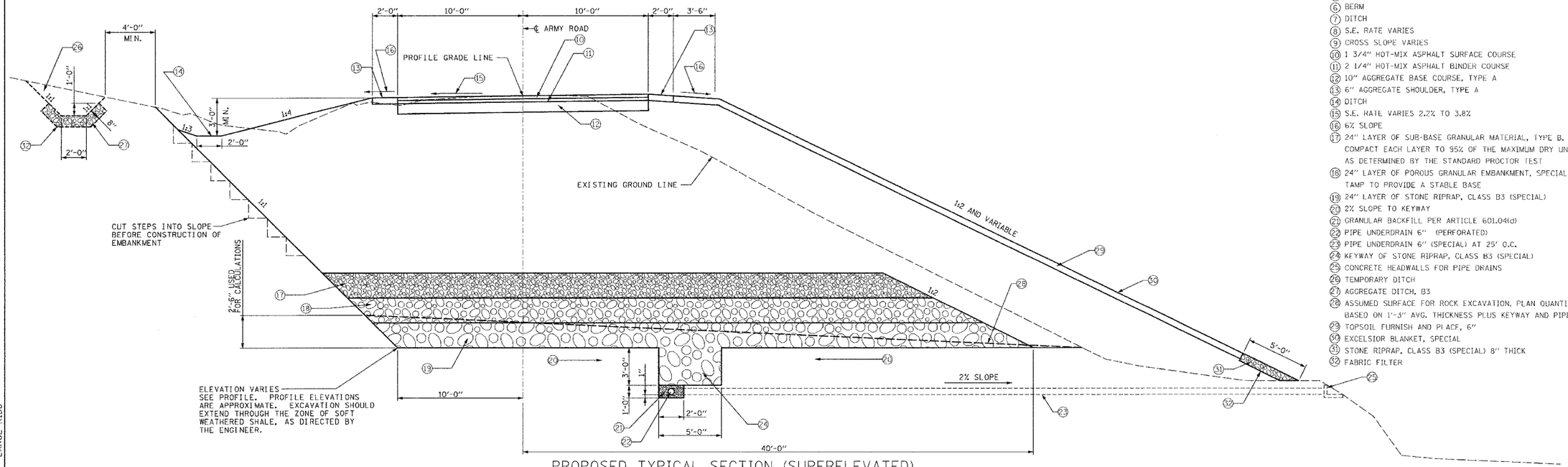
EXISTING TYPICAL SECTION (SUPERELEVATED)

STA. 106+00 TO STA. 108+20



EXISTING TYPICAL SECTION (CROWNED)

STA. 103+20 TO STA. 106+00



PROPOSED TYPICAL SECTION (SUPERELEVATED)

STA 103+20 TO STA 108+20

NOTE: ITEMS IN LEGEND (17) THROUGH (25) OMITTED STA 103+20 TO STA 104+00 AND STA 107+00 TO STA 108+20

LEGEND

(1) EXISTING 4" ± BITUMINOUS SURFACE.
(2) EXISTING 6" TO 11" ± AGGREGATE BASE
(3) EXISTING TURF/AGGREGATE SHOULDER
(4) SLOPES VARY
(5) FALSE DITCH
(6) BERM
(7) DITCH
(8) S.E. RATE VARIES
(9) CROSS SLOPE VARIES
(10) 1 3/4" HOT-MIX ASPHALT SURFACE COURSE
(11) 2 1/4" HOT-MIX ASPHALT BINDER COURSE
(12) 10" AGGREGATE BASE COURSE, TYPE A
(13) 6" AGGREGATE SHOULDER, TYPE A
(14) DITCH
(15) S.E. RATE VARIES 2.2% TO 3.8%
(16) 6% SLOPE
(17) 24" LAYER OF SUB-BASE GRANULAR MATERIAL, TYPE B, CAG COMPACT EACH LAYER TO 95% OF THE MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY THE STANDARD PROCTOR TEST
(18) 24" LAYER OF POROUS GRANULAR EMBANKMENT, SPECIAL TAMP TO PROVIDE A STABLE BASE
(19) 24" LAYER OF STONE RIPRAP, CLASS B3 (SPECIAL)
(20) 2% SLOPE TO KEYWAY
(21) GRANULAR BACKFILL PER ARTICLE 601.04(d)
(22) PIPE UNDERDRAIN 6" (PERFORATED)
(23) PIPE UNDERDRAIN 6" (SPECIAL) AT 25' O.C.
(24) KEYWAY OF STONE RIPRAP, CLASS B3 (SPECIAL)
(25) CONCRETE HEADWALLS FOR PIPE DRAINS
(26) TEMPORARY DITCH
(27) AGGREGATE DITCH, B3
(28) ASSUMED SURFACE FOR ROCK EXCAVATION. PLAN QUANTITY BASED ON 1'-3" AVG. THICKNESS PLUS KEYWAY AND PIPE UNDERDRAIN
(29) TOPSOIL FURNISH AND PLACE, 6"
(30) EXCELSIOR BLANKET, SPECIAL
(31) STONE RIPRAP, CLASS B3 (SPECIAL) 8" THICK
(32) FABRIC FILTER

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

IDNR / IHPA STATEWIDE
ARMY ROAD IMPROVMENTS
PERE MARQUETTE
STATE PARK

SCALE: N.T.S. DRAWN BY: EJR

DATE: 1-16-07 CHECKED BY: KCM

DISTRICT PROJECT ENGINEER - LANCE HODD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	5
STA. 103+20	TO STA. 108+20			

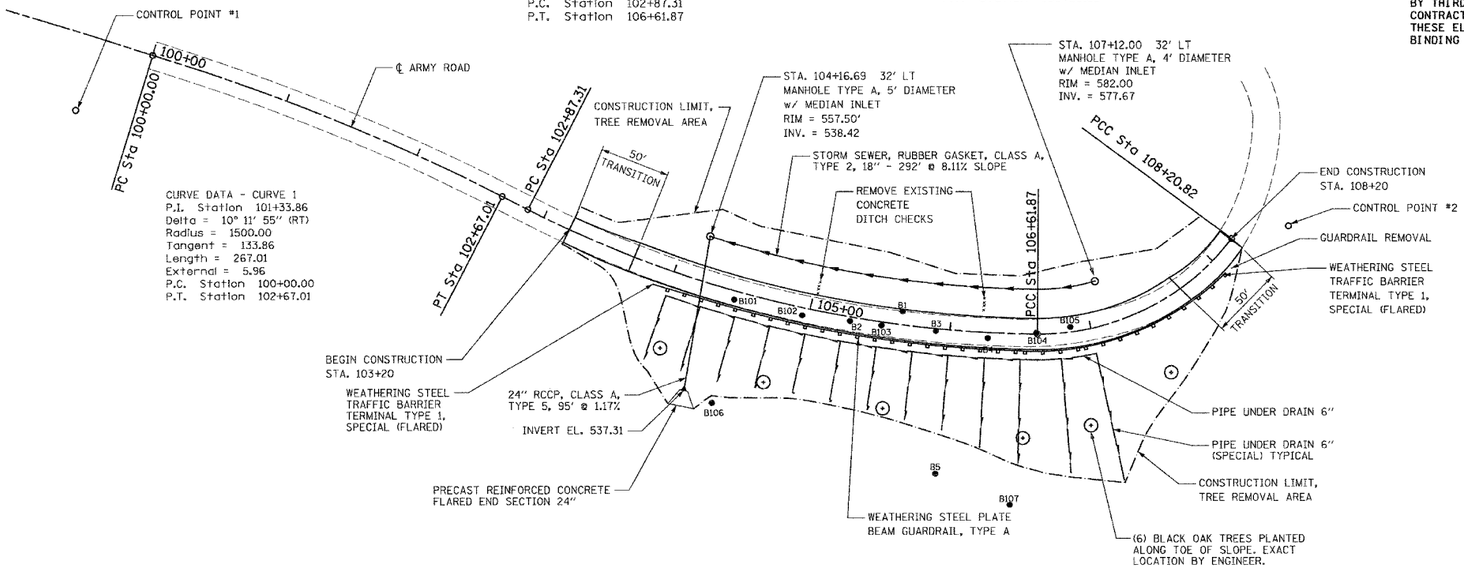
CONTRACT NO. 44925

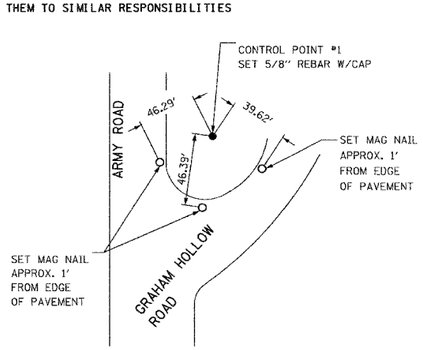
NOTE:
1. MICROSTATION FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR, IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS. THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTION OF THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES

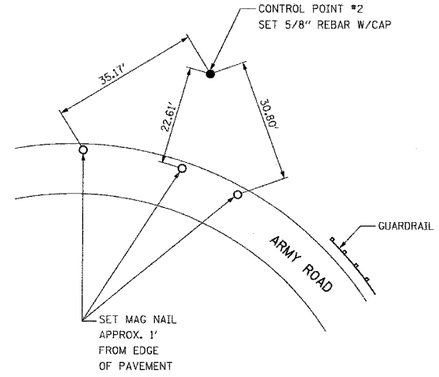
CURVE DATA - CURVE 1
P.I. Station 101+33.86
Delta = 10° 11' 55" (RT)
Radius = 1500.00
Tangent = 133.86
Length = 267.01
External = 5.96
P.C. Station 100+00.00
P.T. Station 102+67.01

CURVE DATA - CURVE 2
P.I. Station 104+78.09
Delta = 26° 49' 33" (LT)
Radius = 800.00
Tangent = 190.78
Length = 374.56
External = 22.43
e = 2.20%
P.C. Station 102+87.31
P.T. Station 106+61.87

CURVE DATA - CURVE 3
P.I. Station 107+47.69
Delta = 53° 34' 17" (LT)
Radius = 170.00
Tangent = 133.86
Length = 158.95'
External = 20.43
e = 3.80%
P.C. Station 106+61.87
P.T. Station 108+20.82







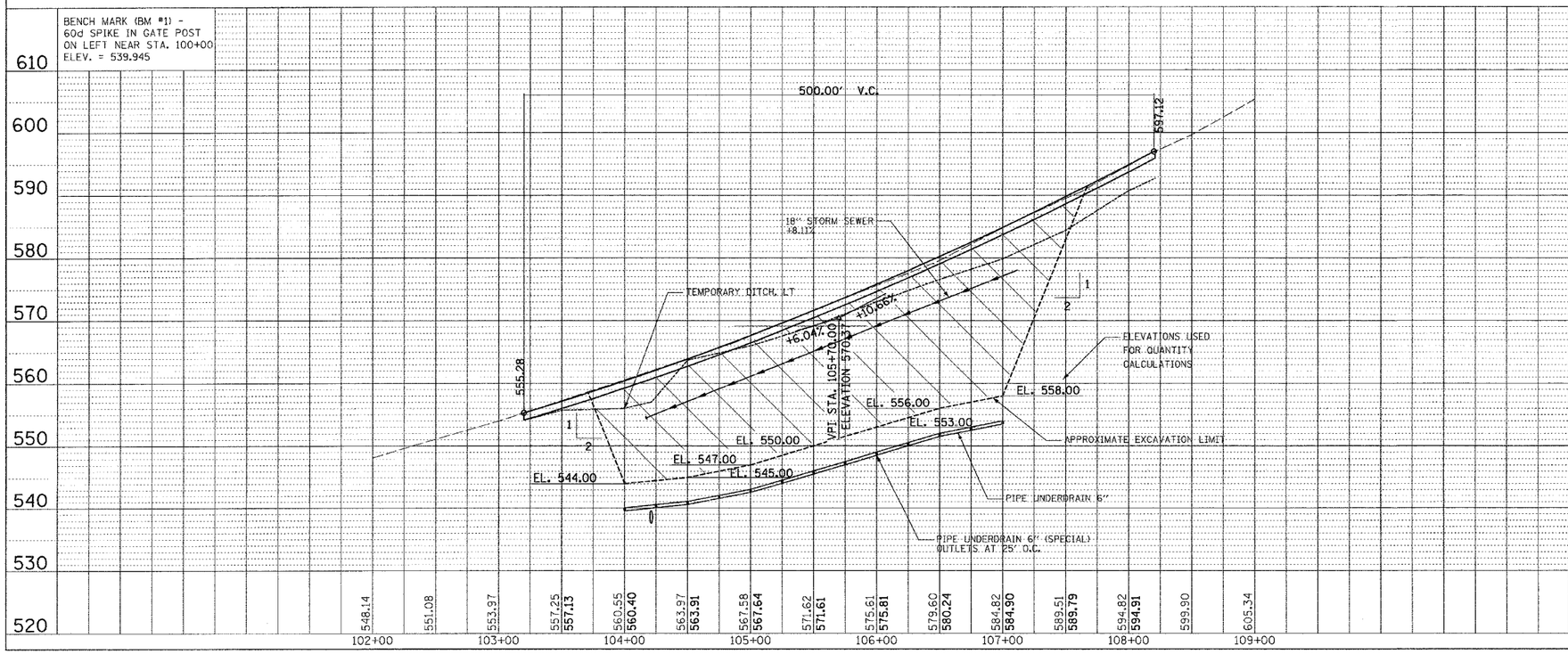
CONTROL POINT #1

NORTHING : 844656.593
EASTING : 2204012.273
ELEVATION : 529.223

CONTROL POINT #2

NORTHING : 845321.522
EASTING : 2203464.716
ELEVATION : 598.180

0 50' 100'
1" = 50'



EARTH EXCAVATION (C=) (EXCAVATE AND STORE, 25% SHRINKAGE)	15620 CU YD. (PAY ITEM)
ROCK EXCAVATION (R=) (WASTE)	1327 CU YD. (PAY ITEM)
EMBANKMENT (F=)	17860 CU YD. (NOT MEASURED)
STONE RIPRAP, CLASS B3 (SPECIAL)	(-)1307 CU YD.* (PAY ITEM)
POROUS GRANULAR EMBANKMENT, SPECIAL	(-)1086 CU YD.* (PAY ITEM)
SUB-BASE GRANULAR MATERIAL, TYPE B	(-)1067 CU YD.* (PAY ITEM)
EARTH EXCAVATION (RETURN MATERIAL, 75%)	(-)11715 CU YD. (PAY ITEM)
TOP SOIL FURNISH AND PLACE 6"	(-)555 CU YD. (PAY ITEM)
FURNISHED EXCAVATION	2130 CU YD. (PAY ITEM)

*SEE SHEET 3 FOR CONVERSION FACTORS USED

PLAN / PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, R/W, NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEET WITH CONTROL TIES

IDNR / IHPA STATEWIDE
ARMY ROAD IMPROVEMENTS
PERE MARQUETTE
STATE PARK

SCALE: NONE — DRAWN BY: EJR
DATE: 1-16-07 — CHECKED BY: KCM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	6
STA. 103+20	TO STA. 108+20			

CONTRACT NO. 44925

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / PIT OR WAY CHECKED / ROAD TILE NAME / NOTE BOOK / NO. ____ / BY / DATE

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / BAR. NOTES / STRUCTURE REPAYING SHEETS / NOTE BOOK / NO. ____ / BY / DATE

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TC PREVENTION PLAN FOR COMPLIANCE UNDER NPDES. THE CONTRACTOR SHALL ABIDE TO ALL REQUIREMENTS WITHIN THIS PLAN AS PART OF THE CONTRACT.

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

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

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

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROPOSED PROJECT CONSISTS OF SLOPE STABILIZATION AND RECONSTRUCTION OF APPROXIMATELY 500 FEET OF 20 FEET WIDE BITUMINOUS PAVEMENT.

2. CONSTRUCTION CONSISTS OF CLEARING TIMBER; CONSTRUCTING TEMPORARY DRAINAGE DIVERSION DITCH; PAVEMENT REMOVAL; EXCAVATING UNSTABLE MATERIAL; REMOVING TWO CULVERTS; INSTALLING STORM WATER PIPING AND NEW CULVERT; ROCK EXCAVATION; INSTALLING UNDERDRAIN SYSTEM; INSTALLING AGGREGATE BASE; RECONSTRUCTING EMBANKMENT; INSTALLING ROADWAY BASE, BITUMINOUS SURFACE, AND AGGREGATE SHOULDERS; SHAPING NEW DITCHES; INSTALLING PERMANENT DITCH CHECKS; INSTALLING GUARDRAIL AND OTHER MISCELLANEOUS WORK TO COMPLETE THE PROPOSED PROJECT.

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

1. TREE REMOVAL WILL BE COMPLETED ON THE SOUTH SIDE OF THE ROADWAY, APPROXIMATELY 0.25 ACRES, AND A TEMPORARY AGGREGATE LINED DIVERSION DITCH WILL BE CONSTRUCTED.
2. TREE REMOVAL WILL BE COMPLETED ON THE NORTH SIDE OF THE ROADWAY TO THE TOE OF THE SLOPE, APPROXIMATELY 0.75 ACRES.
3. PAVEMENT REMOVAL, EARTH AND ROCK EXCAVATION, AND EXISTING CULVERT REMOVAL WILL BE COMPLETED.
4. CULVERT, TRENCH DRAIN AND PIPE UNDERDRAINS WILL BE INSTALLED.
5. ROCK BASE LAYERS WILL BE PLACED.
6. EXISTING SOIL WILL BE REINSTALLED AS CONTROLLED FILL AND DITCHES AND NEW STORM SEWER LINE WILL BE INSTALLED.
7. NEW AGGREGATE BASE COURSE AND BITUMINOUS PAVEMENT WILL BE INSTALLED.
8. SHOULDERS, GUARDRAIL, FERTILIZATION, EROSION CONTROL BLANKET, SEEDING RIPRAP PLACEMENT AND OTHER MISCELLANEOUS ITEMS SHALL BE COMPLETED TO FINISH THE PROJECT.

AREA OF CONSTRUCTION SITE

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 1.5 ACRES OF WHICH 1.25 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING AND OTHER ACTIVITIES.

TEMPORARY STOCKPILE SITES SHOWN IN PLANS MAY BE USED AT CONTRACTOR'S OPTION. ACCESS ROAD SHOWN ON PLANS MAY BE USED AT CONTRACTOR'S OPTION. TEMPORARY EROSION CONTROL AT THESE SITES MUST BE IN COMPLIANCE WITH THIS PLAN.

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

1. INFORMATION ON THE SOILS AT THE SITE WAS TAKEN FROM THE SOIL BORINGS AND REPORT WHICH WAS UTILIZED FOR DEVELOPMENT OF THE PLANS FOR THE SLOPE STABILIZATION. TERRAIN INFORMATION WAS TAKEN FROM USGS TOPOGRAPHIC MAPS AND SURVEY INFORMATION GATHERED FOR PLAN PREPARATION.
2. PROJECT PLAN DOCUMENTS, STANDARD SPECIFICATIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES RECEIVING WATER FROM THIS CONSTRUCTION SITE:

UNNAMED TRIBUTARY OF THE ILLINOIS RIVER

CONTROLS – EROSION CONTROLS AND SEDIMENT CONTROLS

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
   - A. AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
   - B. DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
   - C. AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND AS DIRECTED BY THE ENGINEER.
   - D. OPTIONAL STOCKPILES AND OPTIONAL ACCESS ROAD, IF UTILIZED, SHALL HAVE PERIMETER EROSION BARRIER INSTALLED AS CALLED OUT ON THIS PLAN AND AS DIRECTED BY THE ENGINEER.
   - E. BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
   - F. IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN CALENDAR DAYS.
   - G. AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS, A TEMPORARY AGGREGATE DIVERSION DITCH WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE CONSTRUCTION LIMITS.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
   - A. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
   - B. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAT FOURTEEN DAYS.
   - C. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
     - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
     - II. TEMPORARILY SEED ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONSTRUCTION LIMITS.
     - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
     - IV. EXCAVATE AND PLACE CULVERTS AND MANHOLES.
     - V. TEMPORARILY DIVERT WATER AROUND PROPOSED INLET LOCATIONS.
     - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP, DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
   - D. EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
   - E. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
   - F. THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 0.5 INCH RAINFALL OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
   - G. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THE MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.
   - H. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING EXCEPT AS SPECIFICALLY NOTED ON PLANS. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

OTHER CONTROLS:

NO SOLID MATERIALS, INCLUDING BUILDING MATERIAL, SHALL BE DISCHARGED INTO THE WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

EROSION AND SEDIMENT CONTROL NOTES:

1. AGGREGATE DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FT FALL/RISE IN DITCH GRADE.
2. DITCH CHECKS, AGGREGATE USES RIP RAP GRADING NO. 3 -- REMAIN IN PLACE AT END OF CONSTRUCTION.
3. TEMPORARY DITCH LINING USES RIP RAP QUALITY B, GRADING NO. 3 – REMOVE AT END OF CONSTRUCTION.
4. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.
5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
6. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THE APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
7. TEMPORARY SEEDING AND MULCH SHALL BE APPLIED TO ALL ERODIBLE BARE EARTH AREAS EVERY 7 DAYS AND SHALL BE IN ACCORDANCE WITH ARTICLE 280 OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.

INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

1. 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. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL 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 SEDIMENT TRACKING.
2. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES AND POLLUTION PREVENTION MEASURES SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
3. 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 ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4.B. SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
4. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON 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 NONCOMPLIANCE. 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
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

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 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.

SIGNED: _____
TONI M. McDONOUGH, P.E., S.E.

CONTRACTOR'S CERTIFICATION

A CONTRACTOR'S CERTIFICATION SIGNATURE SHEET HAS BEEN INSERTED IN THE SPECIAL PROVISIONS AND IS HEREBY MADE PART OF THE CONTRACT. THE CONTRACTOR SHALL SIGN AND DATE THE CERTIFICATION SHEET AND IT SHALL BE SUBMITTED WITH HIS PROPOSAL.

** FAILURE TO DO SO WILL BE SUFFICIENT CAUSE TO REJECT THE BIDDERS PROPOSAL**

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

IDNR / IHPA STATEWIDE
ARMY ROAD IMPROVEMENTS
PERE MARQUETTE
STATE PARK

SCALE: NONE — DRAWN BY: EJR
DATE: 1-16-07 — CHECKED BY: KCM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	7
STA. 103+20	TO STA. 108+20			

CONTRACT NO. 44925

GENERAL EROSION CONTROL NOTES:

ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.

THE SYMBOLOGY ON THE STORM WATER POLLUTION PREVENTION PLAN SHEETS DOES NOT REPRESENT THE SIZE OR QUANTITY OF BALES. FOR NUMBER OF BALES REFER TO DETAILS AND NOTES SHOWN ON THIS SHEET AND/OR AS DIRECTED BY THE ENGINEER.

AGGREGATE DITCH CHECKS SHALL REMAIN AS PART OF COMPLETED CONSTRUCTION.

THE CONTRACTOR WILL BE REQUIRED TO SUBMIT CERTIFICATIONS STATEMENT (NPDES ATTACHMENT 6). FULL COMPLIANCE WITH ALL TERMS OF THE NPDES PERMIT MUST BE STRICTLY ADHERED TO.

ALL STRUCTURES NOTED FOR INLET AND PIPE PROTECTION OR AS DIRECTED BY THE ENGINEER ARE TO BE PROVIDED AND MAINTAINED. PAY ITEMS HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES.

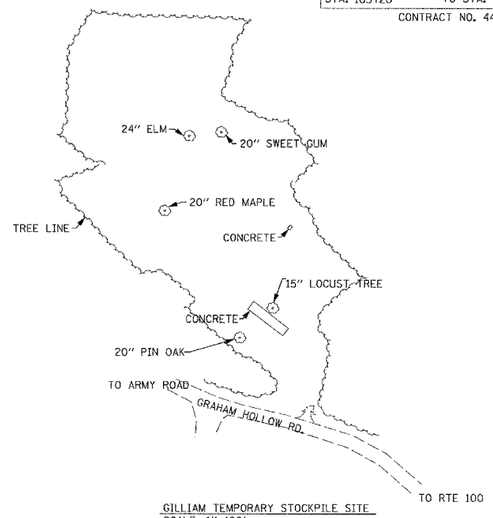
AGGREGATE USED FOR DITCH (TEMPORARY) MAY REMAIN

NOTES:

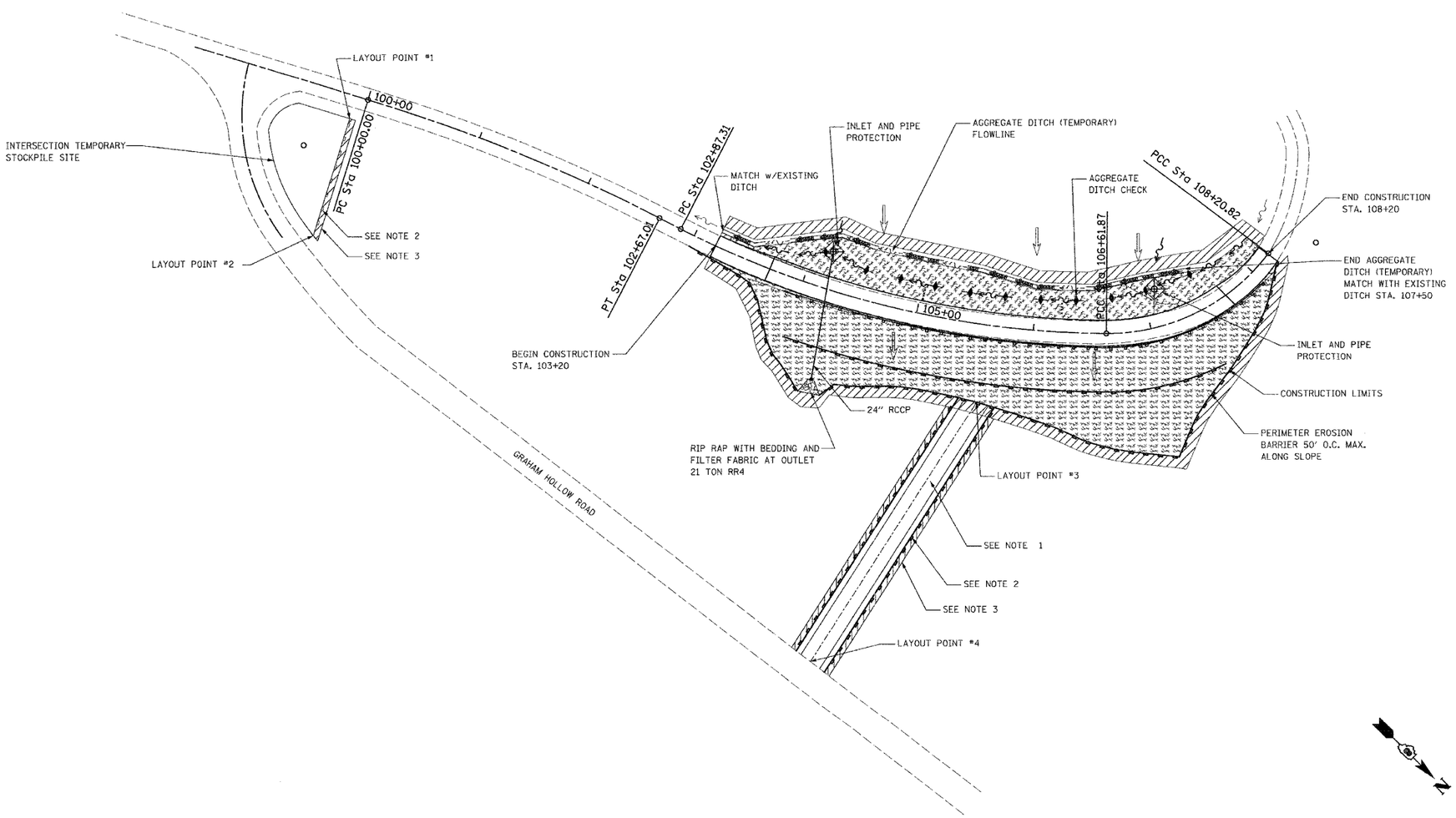
1. OPTIONAL ACCESS ROAD LOCATION
2. PERIMETER EROSION BARRIER, INCLUDED IN THE COST OF MATERIALS STOCKPILED.
3. PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY OUTSIDE CONSTRUCTION LIMITS.
4. GENERAL: STORM WATER POLLUTION PREVENTION AND EROSION CONTROL SHALL BE REQUIRED AT TEMPORARY STOCKPILE SITES. USE OF THE SITE(S) IS OPTIONAL. STORM WATER POLLUTION AND EROSION CONTROL MEASURES AT THESE SITES SHALL NOT BE MEASURED OR PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF MATERIALS STOCKPILED AT THE SITE.

LEGEND

- RIPRAP
- PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)
- INLET & PIPE PROTECTION (I&PP) (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)
- AGGREGATE (EROSION CONTROL) DITCH CHECKS: HEIGHT = 2'-0", AGGREGATE B3
- PROPOSED DITCH FLOWLINE
- TEMPORARY DITCH FLOW LINE
- PERIMETER EROSION BARRIER
- AGGREGATE LINED DITCH (TEMPORARY)
- DIRECTION OF OVERLAND FLOW
- TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY MULCH



GILLIAM TEMPORARY STOCKPILE SITE
SCALE: 1"=400'
SEE NOTES 2,3,&4



LAYOUT POINTS		
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2	844716.6238	2204060.7686
3	845214.2415	2203764.0231
4	845271.0309	2204019.6875

N

0 50' 100'

1" = 50'

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

IDNR / IHPA STATEWIDE
ARMY ROAD IMPROVEMENTS
PERE MARQUETTE
STATE PARK

SCALE: NONE — DRAWN BY: JLM

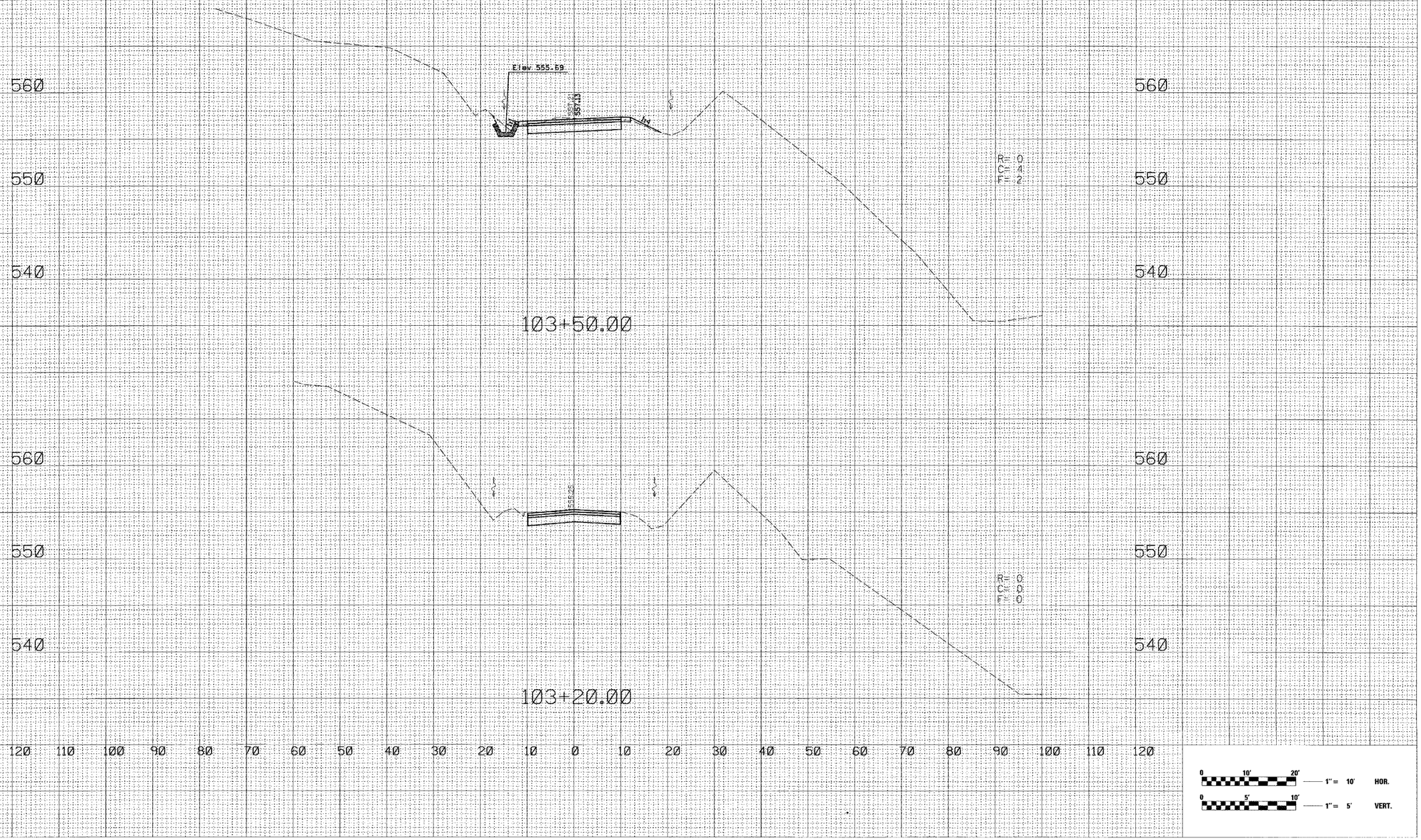
DATE: 1-16-07 — CHECKED BY: KCM

PLAN: SURVEYED / PLOTTED / CHECKED / ALIGNMENT CHECKED / R/W CHECKED / COGO FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / CHECKED / BLM NOTED / EXISTING INFO / PROPOSED INFO / BY / DATE

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	----------	JERSEY	14	8
STA. 103+20		TO STA.103+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 44925				



DISTRICT PROJECT ENGINEER - LANCE KIDD

ARMY ROAD JERSEY COUNTY

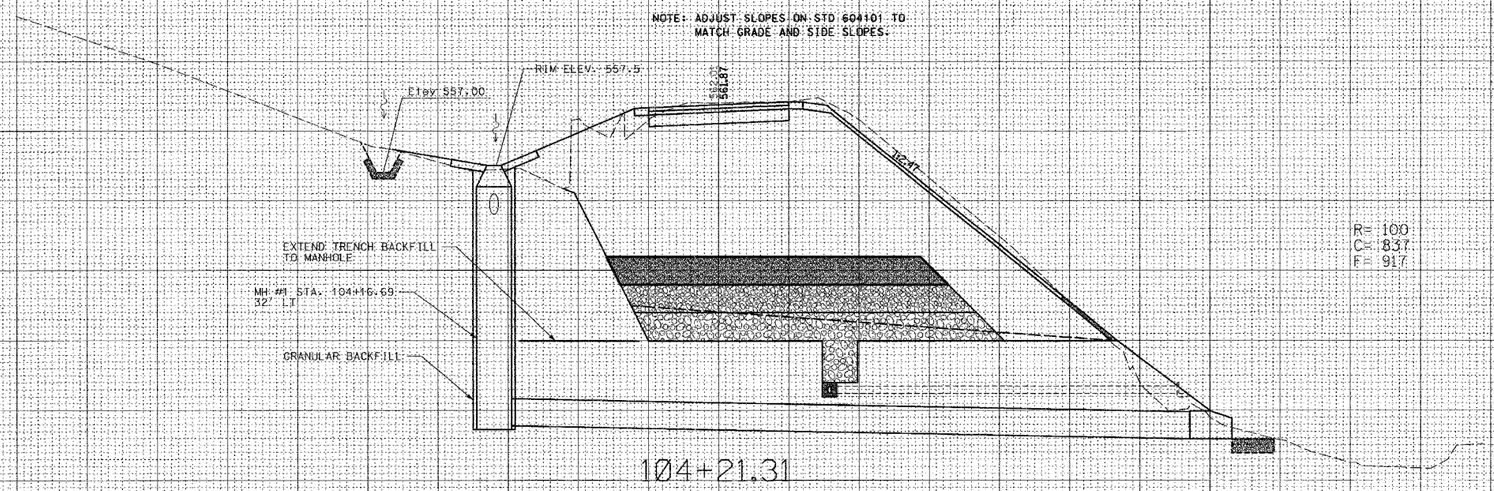
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	JERSEY	14	9

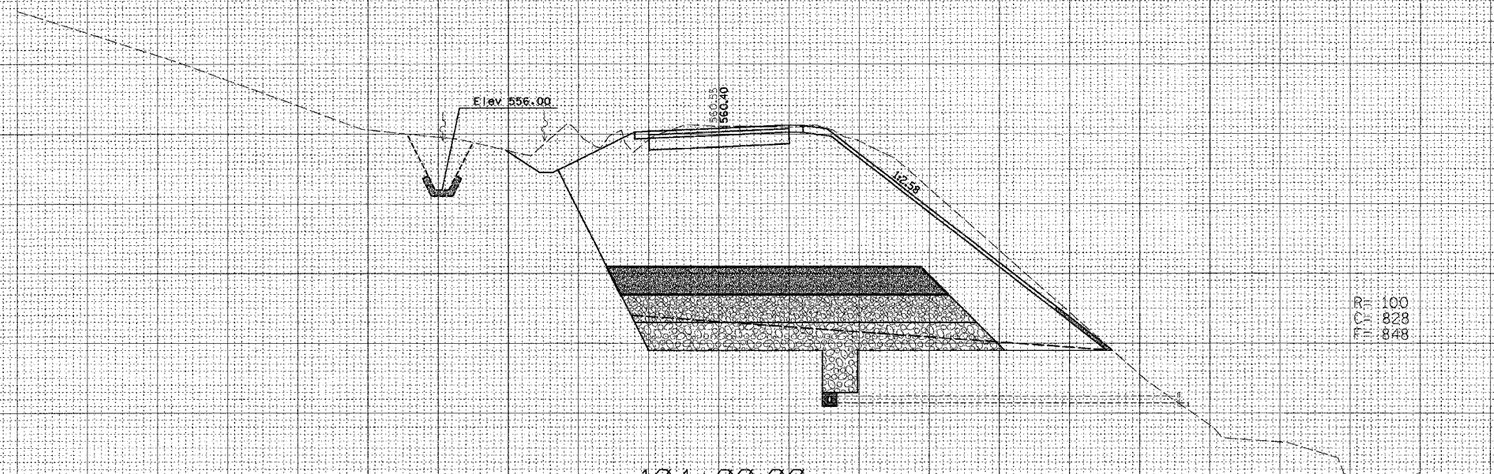
STA. 104+00 TO STA.104+21.31

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

CONTRACT NO. 64925

NOTE: ADJUST SLOPES ON STD 604101 TO MATCH GRADE AND SIDE SLOPES.





560 550 540

120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

0 10' 20' — 1" = 10' HOR.

0 5' 10' — 1" = 5' VERT.

DISTRICT PROJECT ENGINEER - L. ICE KIDD

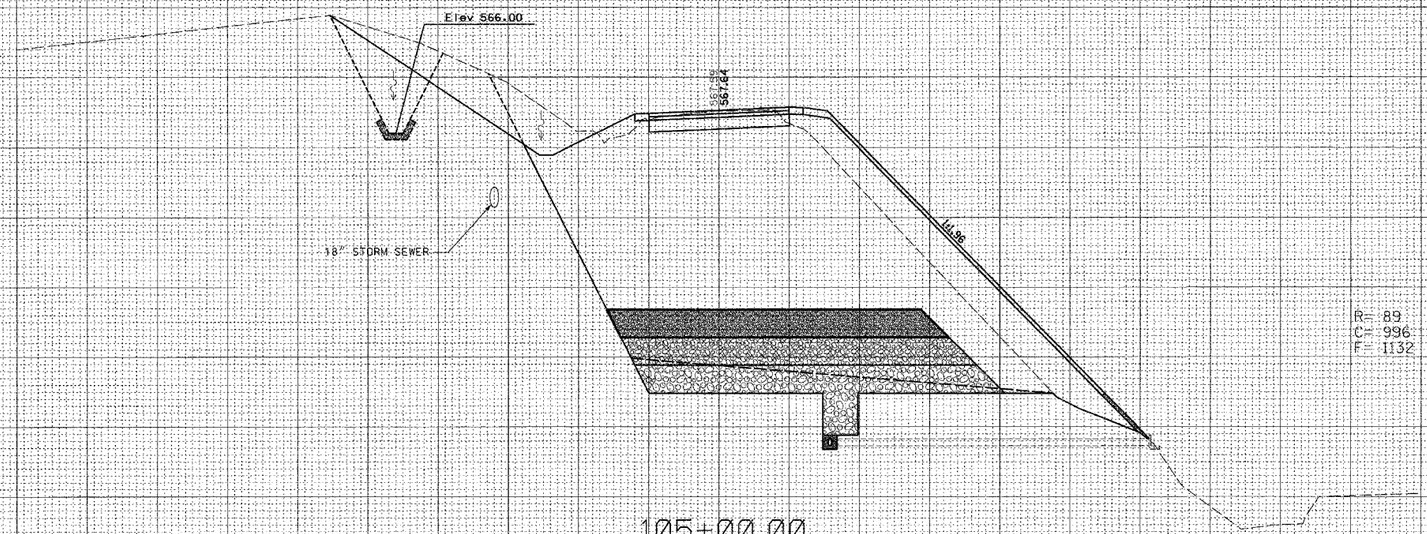
ARMY ROAD JERSEY COUNTY

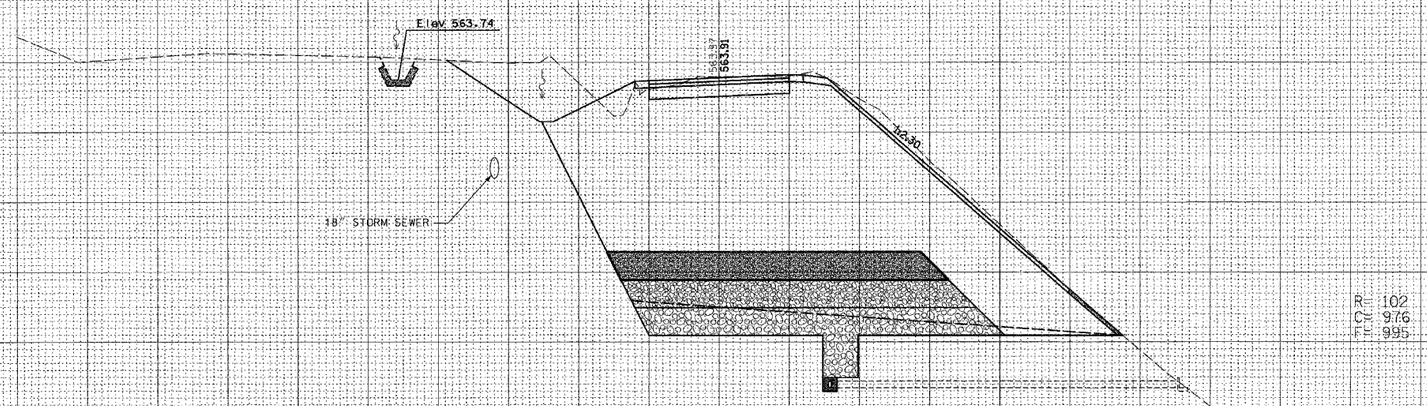
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
____	_____	JERSEY	14	10

STA. 104+50 TO STA.105+00

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

CONTRACT NO. 44925





120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

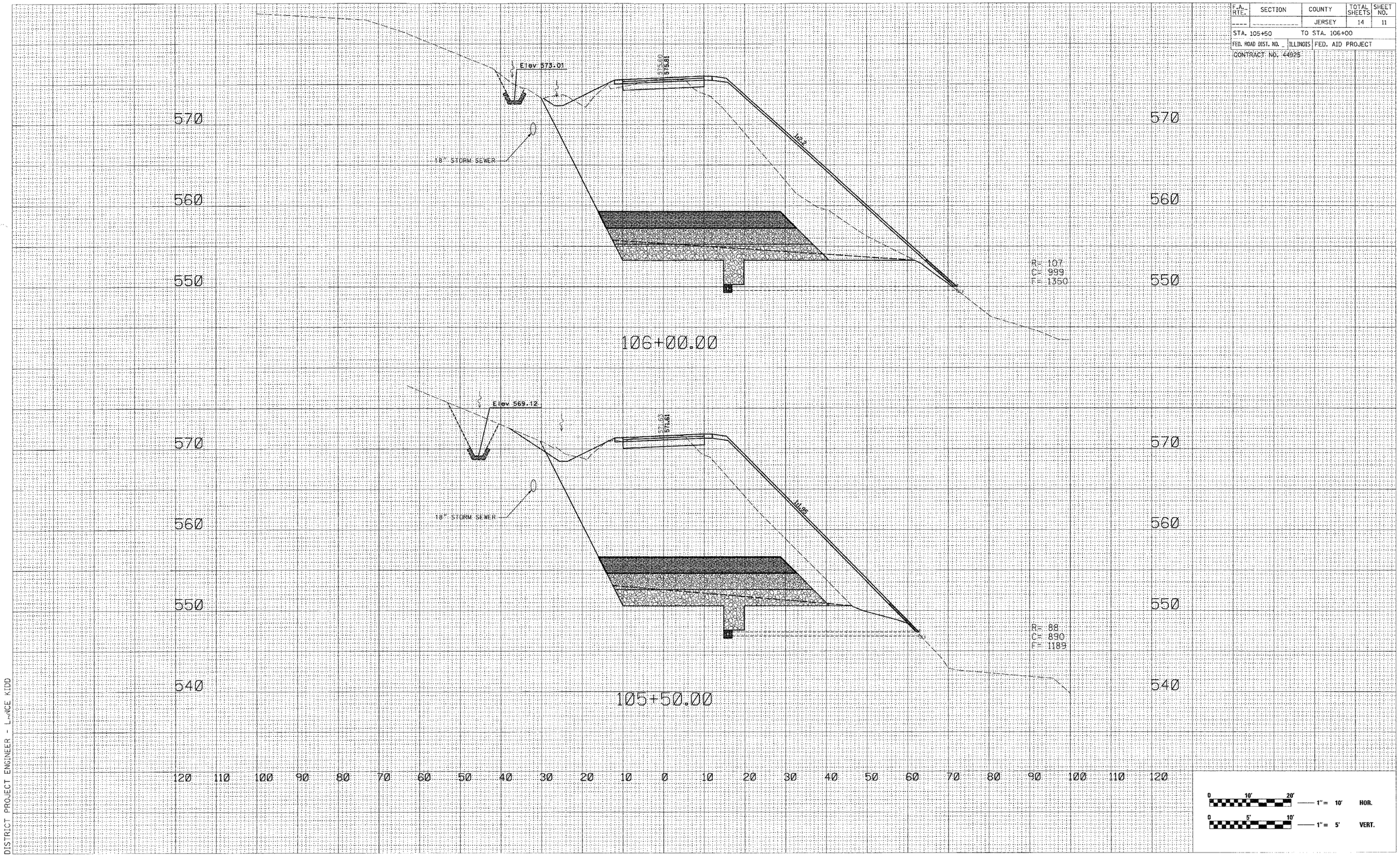
0 10' 20' —— 1" = 10' HOR.

0 5' 10' —— 1" = 5' VERT.

DISTRICT PROJECT ENGINEER - LANCE KIDD

ARMY ROAD JERSEY COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----		JERSEY	14	11
STA. 105+50		TO STA. 106+00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 44925				



DISTRICT PROJECT ENGINEER - LANCE KIDD

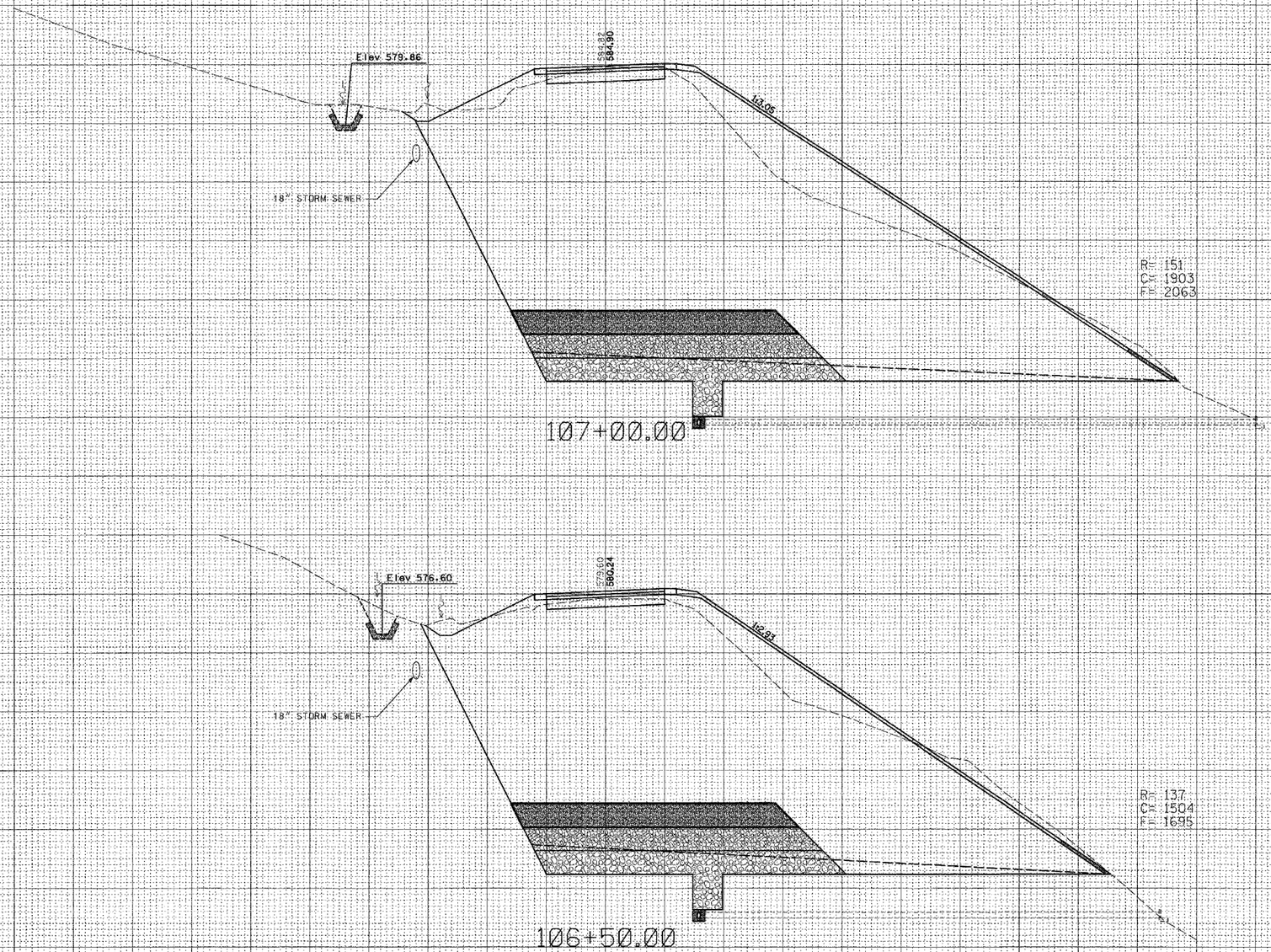
ARMY ROAD JERSEY COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
____	_____	JERSEY	14	12

STA. 106+50 TO STA. 107+00

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

CONTRACT NO. 44925



DISTRICT PROJECT ENGINEER - LANCE KIDD

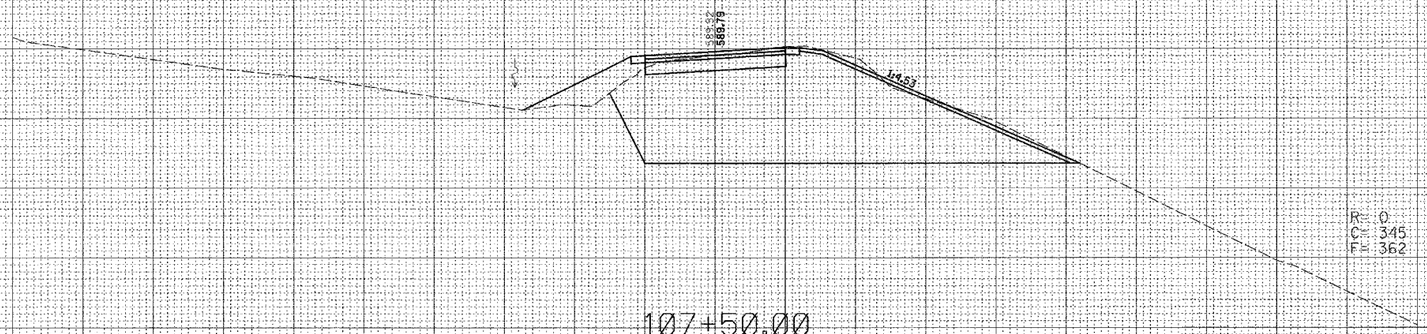
ARMY ROAD JERSEY COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	13

STA. 107+12 TO STA. 107+50

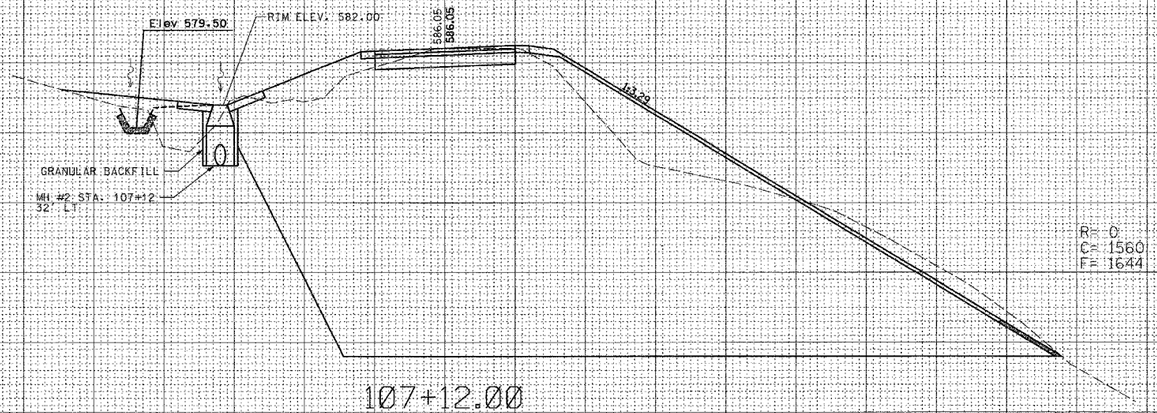
FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

CONTRACT NO. 44926



107+50.00

NOTE: ADJUST SLOPES ON STD 604101 TO MATCH GRADE AND SIDE SLOPES.



107+12.00

590 580 590 580 590 570 560 590 580 570 560

120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120

0 10' 20' —— 1" = 10' HOR.

0 5' 10' —— 1" = 5' VERT.

DISTRICT PROJECT ENGINEER - LANCE KIDD

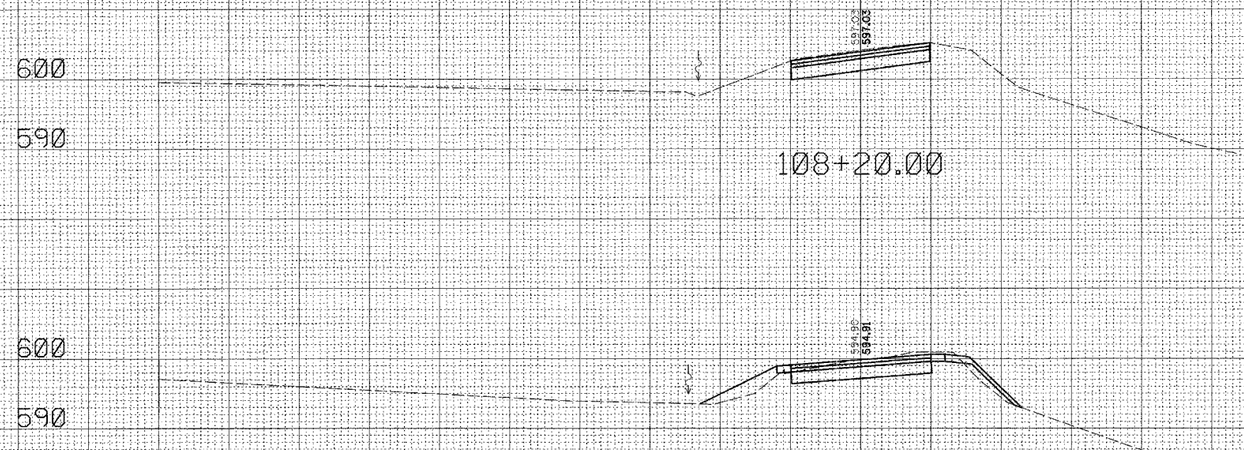
ARMY ROAD JERSEY COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	----------	JERSEY	14	14

STA. 108+00 TO STA. 108+20

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

CONTRACT NO. 44925



DISTRICT PROJECT ENGINEER - LANCE KIDD

ARMY ROAD JERSEY COUNTY