## ESTIMATED QUANTITIES

THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL           FIELD TILES ACROSS MAINLINE (SEE SPECIAL PROVISIONS).           EXPLORATION TRENCH, 60° DEPTH         FOOT         50,00           MISCELLANEOUS CONCRETE         CU YO         10           STORM SEWERS PROTECTED, CL A, SPL 8°         FOOT         50,00           STORM SEWERS PROTECTED, CL A, SPL 12°         FOOT         50,00           STORM SEWERS PROTECTED, CL A, SPL 12°         FOOT         50,00           STORM SEWERS PROTECTED, CL A, SPL 12°         FOOT         20,00           STORM SEWERS PROTECTED, CL A, SPL 18°         FOOT         20,00           STORM SEWERS PROTECTED, CL A, SPL 18°         FOOT         20,00           STORM SEWERS PROTECTED, CL A, SPL 12°         FOOT         20,00           PIED RAINS 13°         FOOT         20,00         20,00           PIED RAINS 130°         FOOT         20,00         20,00           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         EMDICH, METHOD 2         ACRE         4           AGRECATE (EROSION CONTROL SEEDING POUND         TSCN         FOOT         7,00           IEMPORARY EROSION CONTROL SEEDING POUND         TSCN         7,00         1,05           GENERATE REDSION DARRIER         FOOT         7,00         2,00		1	1																																																																																																
FIELD TILES ACROSS MAINLINE (SEE SPECIAL PROVISIONS).         EXPLORATION TRENCH, GO' DEPTH       FOOT       50,000         MISCELLANEOUS CONCRETE       CU YD       ID         STORM SEWERS PROTECTED, CL A, SPL 10"       FOOT       500         STORM SEWERS PROTECTED, CL A, SPL 10"       FOOT       500         STORM SEWERS PROTECTED, CL A, SPL 12"       FOOT       800         STORM SEWERS PROTECTED, CL A, SPL 18"       FOOT       200         PIPE DRAINS 10"       FOOT       200         PIPE DRAINS 12"       FOOT       200         TERNCH BACKFILL       CU YD       250         TERNCH BACKFILL       CU YD       1,00         TERNCH BACKFILL																																																																																																			
EXPLORATION TERCH, 60° DEPTH         FOOT         50,00           MISCELLANEOUS CONCRETE         CU YD         IC           STORM SEWERS PROTECTED, CL A, SPL 8″         FOOT         50           STORM SEWERS PROTECTED, CL A, SPL 12″         FOOT         50           STORM SEWERS PROTECTED, CL A, SPL 12″         FOOT         50           STORM SEWERS PROTECTED, CL A, SPL 12″         FOOT         50           PIPE DRAINS 10″         FOOT         200           PIPE DRAINS 12″         FOOT         200           PIPE DRAINS 15″         FOOT         200           TRENCH BACKFILL         CU YD         250           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HAND         1500           THE FOLLOWING ITEMS INCLUDE SETIMATED OUANTITIES FOR HAND         1500           THE FOLLOWING ITEMS INCLUDE SETIMATED OUANTITIES FOR HAND         1500           CULTAND PIPE PRAISIN CONTROL         EACH         4           ACRECATE (EROSION CONTROL)         TON         1,500           INUCH, METHOD 2         ACRE         4           ACREAATION FOR EROSION CONTROL         EDUND         1,000           HAUCH, METHOD 2         ACRE         4           ACREAATION FOR EROSION CONTROL         EDUND         1,000																																																																																																			
STORM SEWERS PROTECTED, CL A, SPL 10"         FOOT         SC           STORM SEWERS PROTECTED, CL A, SPL 12"         FOOT         SC           STORM SEWERS PROTECTED, CL A, SPL 12"         FOOT         SC           STORM SEWERS PROTECTED, CL A, SPL 12"         FOOT         SC           PIPE DRAINS 10"         FOOT         200           PIPE DRAINS 12"         FOOT         200           PIPE DRAINS 12"         FOOT         200           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS).           SEEDING, CLASS 7         ACRE         4           AGGREGATE (EROSION CONTROL)         TON         1,55           TEMPORARY EROSION CONTROL SEEDING         POUND         75,00           INLET AND PIPE PROTECTION         EACH         9           PERIMETER EROSION CONTROL BLANKET         SO YD         2,00           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         1,00           HEACD AND ESTABLISHED ON FINISHED HICHLY EROBIBLE         SIOPAS (TO, ANTOL BLANKET         SO YD           SLOPES (TO AVOID FUTHER GROUND DISTURBANCE).         INTERSEDING AFTER TEMPORARY EROSION CONTROL SEEDING         HACRE           AGREGATE SUPRACE CONSTANTER DEVANTINES FOR TON         ACRE         10           AGREGATE			50,000																																																																																																
STORM SEWERS PROTECTED, CL A, SPL 12"         FOOT         SGOT           STORM SEWERS PROTECTED, CL A, SPL 18"         FOOT         500T           STORM SEWERS PROTECTED, CL A, SPL 18"         FOOT         200           PIPE DRAINS 10"         FOOT         200           PIPE DRAINS 12"         FOOT         400           PIPE DRAINS 15"         FOOT         400           PIPE DRAINS 15"         FOOT         400           TRENCH BACKFILL         CU YD         250           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         EUPORARY RENSION CONTROL SEE DECIAL PROVISIONS.           SEEDING, CLASS 7         ACRE         4           MULCH, METHOD 2         ACRE         4           AGGREGATE (EROSION CONTROL)         TON         1,50           TEMPORARY RENSION CONTROL SEEDING         POUND         7,500           EARTH EXCAVATION FOR EROSION CONTROL         CU YD         2,00           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         100           PERMANENT SEEDING ATER TEMPORARY EROSION CONTROL SEEDING         100           HEAV DUTY EROSION CONTROL BLANKET         SO YD         2,00           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         100           HEAV DUTY EROSION CONTROL SELAKETE			100																																																																																																
STORM SEWERS PROTECTED, CL A, SPL 12"         FOOT         B.OOT           STORM SEWERS PROTECTED, CL A, SPL 18"         FOOT         200           PIPE DRAINS 10"         FOOT         200           PIPE DRAINS 12"         FOOT         200           PIPE DRAINS 12"         FOOT         200           TRENCH BACKFILL         CU YD         250           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         250           TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS).         SEEDING, CLASS 7           AGGREGATE (EROSION CONTROL SEEDING         POUND         75.00           INLET AND PIPE PROTECTION         EACH         8           DERIMETER EROSION CONTROL BLANKET         SO YD         2.00           INLET AND PIPE PROTECTION         EACH         8           DERIMETER EROSION CONTROL BLANKET         SO YD         2.00           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         PERMANERT SEEDING AFTER TEMPORARY EROSION CONTROL SEEDING           HAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLE         SLOPES (TO AVOID FURTHER CROUND DISTURBANCE).         INTERSEEDINC, CLASS 2           ACRE         10         ACRE         16           HE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR TORNOL         PROVID           THE FOLLOWING TEMS INCLUD	STORM SEWERS PROTECTED, CL A, SPL 8"		500																																																																																																
STORM SEWERS PROTECTED, CL A, SPL 18"         FOOT         STORM           PIPE DRAINS 8"         FOOT         200           PIPE DRAINS 12"         FOOT         200           PIPE DRAINS 15"         FOOT         400           TRENCH BACKFILL         CU YD         250           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         TON         150           SEEDING, CLASS 7         ACRE         4           MULCH, METHOD 2         ACRE         4           AGGREGATE (EROSION CONTROL)         SEDING         POUND         75.00           INLET AND PIPE PROTECTION         EACH         8         8           PERIMETER EROSION CONTROL SEDING         POUND         7.00         1.50           THEAT EXCAVATION FOR EROSION CONTROL         CU YD         1.00         1.50           PERMANENT SEDING ATER TEMPORARY EROSION CONTROL         CU YD         1.00           HEAVY DUTY EROSION CONTROL BLANKET         SO YD         2.00           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         SO YD         2.00           THEAT ELECONDITION FOR EROSION CONTROL         CU YD         1.00           HEAVY DUTY EROSION CONTROL BLANKET         SO YD         2.00           THEFOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES			500																																																																																																
PIPE DRAINS 8"         FOOT         200T           PIPE DRAINS 10"         FOOT         200C           PIPE DRAINS 15"         FOOT         100C           RENCH BACKFILL         CU YD         250C           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         SEEDING, CLASS 7         ACRE           MULCH, METHOD 2         ACRE         4           AGGREGATE (EROSION CONTROL) SEEDING         POUND         75.00C           INLET AND PIPE PROTECTION         EACH         8           PERIMETER EROSION CONTROL BLANKET         SO YD         2.00C           INLET AND PIPE PROTECTION         EACH         8           PERIMETER EROSION CONTROL BLANKET         SO YD         2.00C           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         PERMANENT SEEDING AFTER TEMPORARY EROSION CONTROL SEEDING           HAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLE         SLOPES (TO AVOID FURTHER GROUND DISTURBANCE).         INTERSEEDING, CLASS 2         ACRE         11           MAINTENANCE MOWING         ACRE         ION         2.50C         THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL           PERMARY ACCESS (SE SPECIAL PROVISIONS).         ACRE INFORMED WITHOR DISTURBANCE).         INTERSEEDING, CLASS 2         ACRE INFORMECEDING           ACRE SUMARED QUANTITIES FOR C																																																																																																			
PIPE DRAINS 10"         FOOT         200T           PIPE DRAINS 12"         FOOT         400           PIPE DRAINS 15"         FOOT         100           TRENCH BACKFILL         CU YD         282           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         CU YD         282           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         TON         1.50           TEMPORARY EROSION CONTROL         SEEDING, CLASS 7         ACRE         4           AGGREGATE (EROSION CONTROL)         TON         1.50         1.50           TEMPORARY EROSION CONTROL         SEDING         POUND         7.50           EARTH EXCAVATION FOR EROSION CONTROL         EACH         8         1.00           PERMETER REROSION CONTROL BLANKET         S0 YD         2.00         1.00           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         SEDING, CLASS 2         ACRE         1.00           PERMAMENT SEEDING, ATER TEMPORARY EROSION CONTROL SEEDING         ACRE         1.01         1.02           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         INTERSEEDING, CLASS 2         ACRE         1.00           THE FOLLOWING TIEMS INCLUDE ESTIMATED QUANTITIES FOR CONTOL         SEDING ENCLUDE         2.50           THE FOLLOWING ITEMS INCLUDE ESTIMA			2000																																																																																																
PIPE DRAINS 12"         FOOT         400           PIPE DRAINS 15"         FOOT         100           PIPE DRAINS 15"         CU YD         250           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         TEMPORARY EROSION CONTROL SEE SPECIAL PROVISIONS).           SEEDING, CLASS 7         ACRE         4           MULCH, METHOD 2         ACRE         4           AGGREGATE (EROSION CONTROL SEEDING         POUND         75,00           TEMPORARY EROSION CONTROL SEEDING         POUND         75,00           TRE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDL         PERIMETER EROSION BARRIER         S0 YD         2,00           THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         PERMAMENT SEEDING ATER TEMPORARY EROSION CONTROL SEEDING         PACED AND           HEAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLE         S0 YD         2,00           THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES TO PROVID         TEMPORARY ACCESS (SEE SPECIAL PROVISIONS).           SUEPES (TO AVOID FURTHER GROUND DISTURBANCE).         INTERNSEEDING, CLASS 2         ACRE         10           AGGREGATE SURFACE COURSE, TYPE B         TON         2,50         THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR           CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR         CONTHELES FOR COUNSE, TYPE B         TON			2000																																																																																																
TRENCH BACKFILL     CU YD     250       THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL     TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS).       SEEDING, CLASS 7     ACRE     4       MULCH, METHOD 2     ACRE     4       AGGREGATE (EROSION CONTROL)     TON     1,55       TEMPORARY EROSION CONTROL SEDING     POUND     75,00       INLET AND PIPE PROTECTION     EACH     8       HEAVY DUTY EROSION CONTROL BLANKET     S0 0 2,00       THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL     PERMANENT SEDING AFTER TEMPORARY EROSION CONTROL SEDING       SLOPES (TO AVOID FURTHER GROUND DISTURBANCE).     INTERSEDING, CLASS 2     ACRE       INTERSEDING, CLASS 2     ACRE     10       MAINTENANCE MOWING     ACRE     16       THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES TO PROVID     TEMPORARY ACCESS (SEE SPECIAL PROVISIONS).       AGGREGATE SURFACE COURSE, TYPE B     TON     2,50       THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES MAY BE     REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON THE       CORRECTING GEOTECHNICAL PROBLEMS, THESE OUANTITIES MAY BE     REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON THE       ACRE AL PREFORMED WITHOUT DIRECTION AD APPROVAL OF THE     ENGINEER, THESE OUANTITIES FOR CORRECTING       UNSTABLE SUBGRADE CONDITIONS (SEE SPECIAL PROVISIONS).     SUBBASE GRANULAR MATERIAL, TYPE A     TON     2,22 <td>PIPE DRAINS 12"</td> <td>FOOT</td> <td>4000</td>	PIPE DRAINS 12"	FOOT	4000																																																																																																
THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL         TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS),         SEEDING, CLASS 7       ACRE         MULCH, METHOD 2       ACRE         AGGREGATE (EROSION CONTROL)       TON         IEMPORARY EROSION CONTROL)       TON         IEMPORARY EROSION CONTROL SEEDING       POUND         IEMPORARY EROSION CONTROL SEEDING       POUND         IEMPORARY EROSION CONTROL BLANKET       SO YD         IEROSION GATER TEMPORARY EROSION CONTROL SEEDING       HEACH         HEF FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL       SUPES (TO AVOID FURTHER GROUND DISTURBANCE).         INTERSEEDING, CLASS 2       ACRE       I         MAINTENANCE MOWING       CACRE       I         MAINTENANCE MOWING TEMS INCLUDE ESTIMATED OUANTITIES TO PROVID       TEMPOLOUNIG ITEMS INCLUDE ESTIMATED OUANTITIES FOR         CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR       CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR         CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR       CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR         CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR       CORRECTING         CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR       CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES FOR         CORRECTING GEOTECHNICIN PROBLEMS, THESE QUANTITIES FOR       C			1000																																																																																																
TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS).         SEEDING, CLASS 7       ACRE       4         AGGREGATE (EROSION CONTROL)       TON       1.50         TEMPORARY EROSION CONTROL SEEDING       POUND       75,00         INLET AND PIPE PROTECTION       EACH       8         PERIMETER EROSION CONTROL SEDING       CU YD       1.00         HEAVY DUTY EROSION CONTROL BLANKET       S0 YD       2.00         THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL       SEDING ATER TEMPORARY EROSION CONTROL SEDING         SLOPES (TO AVDID FURTHER GROUND DISTURBANCE).       INTERSEEDING ATER TEMPORARY EROSION CONTROL SEDING         SLOPES (TO AVDID FURTHER GROUND DISTURBANCE).       INTERSEDING, CLASS 2       ACRE       11         MAINTENANCE MOWING       ACRE       16       14         AGGREGATE SURFACE COURSE, TYPE B       TON       2.50         CORRECTING GEOTECHNICAL PROBLEMS.       NUCLUM STABLES OUANTITIES MAY BE         REDUCED, INCREASEO, OR DELETED BY THE ENCINEER BASED ON THE       CUANTITIES MAY BE         REDUCED, INCREASEO, OR DELETED BY THE ENCINEER BASED ON THE       CHALL BE PERFORMED WITHOUT DIRECTION AND APPROVAL OF THE         SHALL BE PERFORMED WITHOUT DIRECTION AND APPROVAL OF THE       ENCINEER.       14         ACRE STIMATED OUANTITIES FOR CORRECTINC       UNSTABLE SUBGRADE CONDITIONS (SEE SPECIAL PROVISI			2500																																																																																																
SEEDING, CLASS 7       ACRE       4         MULCH, METHOD 2       ACRE       4         AGGREGATE (EROSION CONTROL)       TON       1,55         TEMPORARY EROSION CONTROL       DUND       75,00         INLET AND PIPE PROTECTION       EACH       8         PERIMETER EROSION BARRIER       FOOT       7,00         LEARTH EXCAVATION FOR EROSION CONTROL       CU YD       1,00         HEAVY DUTY EROSION CONTROL BLANKET       S0 YD       2,00         THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL       SEDING, AFTER TEMPORARY EROSION CONTROL SEDING         HAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLE       SLOPES (TO AVOID FURTHER GROUND DISTURBANCE).         INTERSEEDING, CLASS 2       ACRE       16         MAINTENANCE MOWING       ACRE       16         MENTRANCE MOWING       ACRE       16         MERSEDING, CLASS 2       ACRE       10         AGGREGATE SURFACE COUPSE, TYPE B       TON       2,50         THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES TO PROVID       THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR         CORRECTING GOTECHNICAL PROBLEMS, THESE QUANTITIES MAY BE       REDUCED, INCREASED, ON THE         REDUCED, INCREASED, ON PLETED BY THE ENCINEER BASED ON THE       ACRE         CORRECTING CONDELICED BY THE E																																																																																																			
MULCH, METHOD 2ACRE4AGGREGATE (EROSION CONTROL)TON1.5CIEMPORARY EROSION CONTROL SEDINGPOUND75,0CINLET AND PIPE PROTECTIONEACH8PERIMETER EROSION CONTROL SEDINGCU YD1,0CLEARTH EXCAVATION FOR EROSION CONTROLCU YD1,0CHEAYY DUTY EROSION CONTROL BLANKETSO YD2,0CTHE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDLPERMANENT SEDING AFTER TEMPORARY EROSION CONTROL SEDINGHAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLESLOPES (TO AVOID FURTHER GROUND DISTURBANCE).INTERSEDING, CLASS 2ACRE16THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES TO PROVIDTEMPORARY ACCESS (SEE SPECIAL PROVISIONS).AGGREGATE SURFACE COURSE, TYPE BTON2,5CTHE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES MAY BEREDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON THEACTUAL FIELD CONDITIONS, NO WORK INVOLVING THESE OUANTITIESMATTITIES MAY BESHALL BE PERFORMED WITHOUT DIRECTION AND APPROVAL OF THEENGINEER.THE FOLLOWING ARE ESTIMATED OUANTITIES FOR CORRECTINGUNSTABLE SUBGRADE CONDITIONS (SEE SPECIAL PROVISIONS).SUBBASE GRANULAR MATERIAL, TYPE ATON2,2CROCK FILL - SUBGRADE CONDITIONS (SEE SPECIAL PROVISIONS).SUBBASE GRANULAR MATERIAL, TYPE ATONGACGACGACTHE FOLLOWING ARE ESTIMATED OUANTITIES FOR CORRECTINGUNSTABLE SUBGRADE CONDITIONS (SEE SPECIAL PROVISIONS).SUBBASE GRANULAR MATERIAL, TYPE ATON6,5CEARTH EXCAVATION (ROCK FILL)*CU YD4,3C </td <td></td> <td></td> <td>40</td>			40																																																																																																
AGGREGATE (EROSION CONTROL)TON1.5CTEMPORARY EROSION CONTROL SEEDINGPOUND75.0CINLET AND PIPE PROTECTIONEACH88PERIMETER EROSION BARRIERFOOT7.0CLEAVE DUTY EROSION CONTROL BLANKETSO D2.0CTHE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLPERMANENT SEEDING AFTER TEMPORARY EROSION CONTROL SEEDINGHAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLESLOPES (TO AVOID FURTHER GROUND DISTURBANCE).INTERSEEDING, CLASS 2ACREMAINTENANCE MOWINGACREGAGREGATE SURFACE COURSE, TYPE BTONZAGREGATE SURFACE COURSE, TYPE BTONCORRECTING GEOTECHNICAL PROBLEMS.THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FORCORRECTING GEOTECHNICAL PROBLEMS.THESE QUANTITIES MAY BEREDUCED, INCREASED, ON DELETED BY THE ENGINEER BASED ON THESACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE QUANTITIESSHALL BE PERFORMED WITHOUT DIRECTION AND APPROVAL OF THEENGINEER.TONCOCK FILLSUBGADE CONDITIONS (SEE SPECIAL PROVISIONS).SUBBASE GRANULAR MATERIAL, TYPE ATONCOCK FILLSUBGRADEONNGLOWREMOVING TOP 12" PRIOR TO MODIFYING LOWER LAYER ANDREPORTING TOP 12" AREC ONSIDERED SPECIAL PROVISIONS.SUBBASE BRAINS, COMPLETEEACHSTA ABGACHONS, STA 837+21ACK FILL - SUBGRADE SPECIAL PROVISIONS.TRANSVERSE DRAINS, COMPLETEEACHSTA ABLE DOCATIONS;STA BAGACHON TO PLACING CONCRETE BOX OR PIPE CULVERSEE SPECIAL PROVIS			40																																																																																																
INLET AND PIPE PROTECTIONEACHBEACHPERIMETER EROSION BARRIERFOOTT,OCLARTH EXCAVATION FOR EROSION CONTROLCU YD1,OCHEAVY DUTY EROSION CONTROL BLANKETSQ YD2,OCTHE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLPERMANENT SEEDING AFTER TEMPORARY EROSION CONTROL SEEDINGHAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLESLOPES (TO AVOID FURTHER GROUND DISTURBANCE).INTERSEEDING, CLASS 2ACREMAINTENANCE MOWINGACREGERGEATE SURFACE COURSE, TYPE BTON2,5CTHE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FORCORRECTING GEOTECHNICAL PROBLEMS. THESE QUANTITIES MAY BEREDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON THEACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE QUANTITIESSHALL BE PERFORMED WITHOUT DIRECTION AND APPROVAL OF THEENGINEER.THE FOLLOWING ARE ESTIMATED QUANTITIES FOR CORRECTINGUNSTABLE SUBGRADE CONDITIONS (SEE SPECIAL PROVISIONS).SUBBASE GRANULAR MATERIAL, TYPE ATON2,2CROCK FILL - SUBGRADETONEARTH EXCAVATION (ROCK FILL)*CU YDCU YD4,3CPROCESSING LIME STABLIZED SOIL 12"SO YDSEE ROCK FILL - SUBGRADE SPECIAL PROVISION.** REMOVING TOP 12" PRIOR TO MODIFYING LOWER LAYER AND REPLACING TO 12" ARE CONSIDERED SEPARATE OPERATIONS.THE FOLLOWING ARE ESTIMATED QUANTITIES FOR GROUNDIMPROVEMENTS PRIOR TO CONSTRUCTING EMBANKMENTS(SEE SPECIAL PROVISIONS).ESTIMATED LOCATIONS:STA 466+50 TO STA 936+			1,500																																																																																																
PERIMETERFOOT7,0CEARTHEXCAVATIONFOR EROSION CONTROLCU YD1,0CTHEAVY DUTY EROSION CONTROL BLANKETSO YD2,0CTHE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLPERMANENT SEEDING AFTER TEMPORARY EROSION CONTROL SEEDINGHAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLESLOPES (TO AVOID FURTHER GROUND DISTURBANCE).INTERSEEDING, CLASS 2ACREMAINTENANCE MOWINGACRETHE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES TO PROVIDTEMPORARY ACCESS (SEE SPECIAL PROVISIONS).AGGREGATE SURFACE COURSE, TYPE BTONCORRECTING GEOTECHNICAL PROBLEMS. THESE QUANTITIES TO PROVIDTHE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES TO PROVIDCORRECTING GEOTECHNICAL PROBLEMS. THESE QUANTITIES MAY BEREDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON THEACTUAL FIELD CONDITIONS.SUBGRADE CONDITIONS (SEE SPECIAL PROVISIONS).SUBBASE GRANULAR MATERIAL, TYPE ATONCOCK FILL - SUBGRADETONCOCK FILL - SUBGRADETONCORCESSING LIME STABILIZED SOIL 12"SO YDSEE ROCK FILL - SUBGRADE SPECIAL PROVISION.• REMOVING TOP 12" PRIOR TO MODIFYING LOWER LAYER AND REPLACING TO 12" ARE CONSIDERED SEPARATE OPERATIONS.THE FOLLOWING ARE ESTIMATED QUANTITIES FOR GROUNDIMPROVEMENTS PRIOR TO PLACING CONCRETE BOX OR PIPE CULVER(SEE SPECIAL PROVISIONS).ESTIMATED LOCATIONS:STA 826+00 TO STA 831+50STA 946+50 TO STA 936+50ROCK FILL - EMDANKMENTMERE PROLCUING ARE ESTIMATED QUANTITIES FO	TEMPORARY EROSION CONTROL SEEDING	POUND	75,000																																																																																																
EARTH EXCAVATION FOR EROSION CONTROL       CU YD       1,000         HEAVY DUTY EROSION CONTROL BLANKET       SO YD       2,000         THE FOLLOWING ITEMS INCLUDE ESTIMATED OUANTITIES FOR HANDL       PERMANENT SEEDING AFTER TEMPORARY EROSION CONTROL SEEDING         HAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODIBLE       SLOPES (TO AVOID FURTHER GROUND DISTURBANCE).         INTERSEEDING, CLASS 2       ACRE       16         MAINTENANCE       MOWING       ACRE       16         THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES TO PROVID       TEMPORARY ACCESS (SEE SPECIAL PROVISIONS).       ACGREGATE SURFACE COURSE, TYPE B       TON       2,500         THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR       CORRECTING GEOTECHNICAL PROBLEMS, THESE QUANTITIES MAY BE       REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON THE         ACTUAL FIELD CONDITIONS, NO WORK INVOLVING THESE QUANTITIES       SOU DANTITIES FOR CORRECTING       UNNSTABLE SUBGRADE CONDITIONS (SEE SPECIAL PROVISIONS).         SUBBASE GRANULAR MATERIAL, TYPE A       TON       2,200         ROCK FILL - SUBGRADE       TON       6,100         EARTH EXCAVATION (ROCK FILL)*       CU YD       4,300         INSTABLES UBGRADE STOR CONCRETE BELON ACULYER       13         TRANSVERSE DRAINS, COMPLETE       EACH       *         * SEE ROCK FILL - SUBGRADE SPECIAL PROVISION.       *       13<			80																																																																																																
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## TRANSVERSE DRAINS, COMPLETE

	X0326911	
STATION	EACH	
FAP 310 (US 6	7)	
1079+00	2	•
1084+00	2	•
1089+00	2 2 2 2 2 2	•
1095+00	2	•
1100+00	2	•
RAMP A		
5+00	1	
11+00	1	
RAMP B		
12+00	1	
16+00	1	
RAMP C		
4+00	1	
8+00	1	
RAMP D		
12+00	1	
17+00	1	
CONCORD ROAD		
11+00	2	•
16+00	2	•
27+00	2 2 2	•
32+00		•
TOTAL	26	

• - BOTH SIDES

POROUS GRANULAR EMBANKMENT 20700220

ROCK EXCAVATION 20200200 STATION CU YD 
 FAP 310 (US 67)

 1092+06
 100

 TOTAL
 100

	20700220
STATION	CU YD
FAP 310 (US 6	7)
1092+06	40
TOTAL	40

SAND DRAINAGE BLANKET

Z0056100 CU YD

1,200 1,200

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3:57:07

CONTRACT NO. 72667 RTE. SECTION COUNTY TOTAL SHEETS NO. 310 69-3(3HB) MORGAN 793 17 STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
F.A.P. RTE.SECTIONCOUNTYTOTAL SHEETSSHEET NO.31069-3(3HB)MORGAN79317STA.TOSTA.							
RTE.         SECTION         COUNT         SHEETS         NO.           310         69-3(3HB)         MORGAN         793         17           STA.         TO STA.					CONTRA	CT NO.	72667
STA. TO STA.	F.A. RTE	λ.Ρ. E	SECTION	(	COUNTY	TOTAL SHEETS	SHEET NO.
	31	10	69-3(3HB)	1	MORGAN	793	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	ST	Ά.		TO	STA.		
	FED.	. ROA	D DIST. NO.	ILLINOIS	FED. AID	PROJECT	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	ILLINGIS DEFARIMENT OF TRANSFORTATION
		SCHEDULE OF QUANTITIES
		FAP 310 (US 67/IL 104)
		SHEET 1 OF 42
		DRAWN BY EBB
		DATE 10/10 CHECKED BY
		MORGAN COUNTY