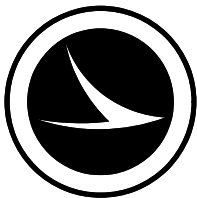


MODEL: Sheet PAPER:SIZE: 34x22 (in.) DATE: 6/2/2026 TIME: 3:14:52 PM PLTDRV: OHDOT_PDF.pltGfG PENTBL: OHDOT_Pen.tbl USER: Matthew.Hurst@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 123842 PRODUCT: OpenRoadsDesigner 24.00.00.205 pwc:\ohio\dot-pw-bentley.com\ohio\dot-pw-02\Documents\01 Active Projects\District 09\Jackson\123842\400-Engineering\Roadway\Sheets\123842_GG001.dgn

SHEET NUMBER							PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	5	7	25	26	OFFICE CALCS	01/STR						
ROADWAY													
LS							LS	201	11000	LS		CLEARING AND GRUBBING	
LS							LS	202	11001	LS		STRUCTURE REMOVED, AS PER PLAN	3
579							579	202	23001	579	SY	PAVEMENT REMOVED, AS PER PLAN	3
106							106	203	10000	106	CY	EXCAVATION	
207							207	203	20000	207	CY	EMBANKMENT	
79							79	204	10000	79	SY	SUBGRADE COMPACTION	
50							50	209	10001	50	FT	DITCH CLEANOUT, AS PER PLAN	3
EROSION CONTROL													
164							164	659	00300	164	CY	TOPSOIL	
1,475							1,475	659	10000	1,475	SY	SEEDING AND MULCHING	
0.2							0.2	659	20000	0.2	TON	COMMERCIAL FERTILIZER	
0.3							0.3	659	31000	0.3	ACRE	LIME	
8							8	659	35000	8	MGAL	WATER	
						20,430	20,430	832	30000	20,430	EACH	EROSION CONTROL	
PAVEMENT													
						726	726	254	01000	726	SY	PAVEMENT PLANING, ASPHALT CONCRETE(1.5")	
						64	64	301	56000	64	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
						13	13	304	20000	13	CY	AGGREGATE BASE	
						222	222	407	10000	222	GAL	TACK COAT	
						23	23	411	10000	23	CY	STABILIZED CRUSHED AGGREGATE	
						79	79	441	70000	79	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
RETAINING WALLS (001)													
				LS			LS	503	21301	LS		UNCLASSIFIED EXCAVATION, AS PER PLAN	25
					1,970		1,970	507	00201	1,970	FT	STEEL PILES HP12X53, FURNISHED, AS PER PLAN	25
				28			28	511	71100	28	CY	CONCRETE, MISC.:CLASS QC1, LEVELING PAD	25
				3,496			3,496	511	71200	3,496	SF	CONCRETE, MISC.: MISC.: PRECAST REINFORCED CONCRETE LAGGING PANEL	25
				1,272	635		1,272 635	512	10100	1,272 635	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
				198			198	518	21200	198	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				372			372	518	40000	372	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				20			20	518	40011	20	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN	3
					499		499	524	94503	499	FT	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN	25
					630		630	524	94505	630	FT	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN	25
				1			1	611	99711	1	EACH	PRECAST REINFORCED CONCRETE OUTLET, AS PER PLAN	3
MAINTENANCE OF TRAFFIC													
						2	2	614	12384	2	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	
	13						13	614	13310	13	EACH	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL	
	12						12	614	13360	12	EACH	OBJECT MARKER, TWO WAY	
	0.38						0.38	614	22000	0.38	MILE	WORK ZONE EDGE LINE, CLASS I, 4"	
	30						30	614	26000	30	FT	WORK ZONE STOP LINE, CLASS I	
				500			500	615	25001	500	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN	5
		LS					LS	615	10001	LS		ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN	5
	6						6	616	10000	6	MGAL	WATER	
						610	610	622	41100	610	FT	PORTABLE BARRIER, UNANCHORED	
TRAFFIC CONTROL													
						8	8	621	00100	8	EACH	RPM(YELLOW/YELLOW)	
						8	8	621	54000	8	EACH	RAISED PAVEMENT MARKER REMOVED	
						13	13	630	02100	13	FT	GROUND MOUNTED SUPPORT, NO. 2 POST(BI-DIRECTIONAL)	
							1	630	86002	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
							1	630	86320	1	EACH	REMOVAL OF STRUCTURE MOUNTED SIGN AND REERECTION	
						0.22	0.22	642	00104	0.22	MILE	EDGE LINE, 6", TYPE 1(WHITE)	
						0.11	0.11	642	00300	0.11	MILE	CENTER LINE, TYPE 1(DOUBLE SOLID)	
INCIDENTALS													
							LS	614	11000	LS		MAINTAINING TRAFFIC	
							3	619	16000	3	MNTH	FIELD OFFICE, TYPE A	
LS							LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	3
							LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

MWH

REVIEWER

MCM 6-2-26

PROJECT ID

123842

SHEET

P. 10

TOTAL

43

MODEL: Sheet PAPER:SIZE: 34x22 (in.) DATE: 6/2/2026 TIME: 8:31:16 AM PLTDRV: OHDOT_PDF.pltG PENTBL: OHDOT_Pen.tbl USER: Matthew.Hurst@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 123842 PRODUCT: OpenRoadsDesigner 24.00.00.205 pwc:\ohio\dot-pw\beniley.com\ohio\dot-pw-02\Documents\01 Active Projects\District 09\Jackson\123842\400-Engineering\Roadway\Sheets\123842_VN001.dgn

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 10th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, INCLUDING THE ODOT BRIDGE DESIGN MANUAL, DATED JANUARY 2025, AND THE ODOT GEOTECHNICAL DESIGN MANUAL, DATED JULY 2025.

DESIGN DATA

CONCRETE CLASS (QC1) - COMPRESSIVE STRENGTH 4.0 KSI (DRILLED SHAFTS)
REINFORCING STEEL - MINIMUM YIELD STRENGTH 60 KSI (EPOXY-COATED)
STRUCTURAL STEEL - ASTM A572 GRADE (50) YIELD STRENGTH (50) KSI

ITEM 507 - STEEL PILES, MISC.: HP12X53 STEEL BEAM, FURNISHED, AS PER PLAN

THIS WORK SHALL CONSIST OF FURNISHING STRUCTURAL STEEL MEMBERS THAT CONFORM TO ASTM A572, GRADE 50 AND CMS 711.01. DO NOT FIELD WELD OR SPLICE THOSE PARTS OF THE STRUCTURAL STEEL MEMBERS THAT WILL BE ABOVE GROUND.

THE INDIVIDUAL LENGTHS SHOWN IN THE DRILLED SHAFT SUMMARY TABLES ON SHEET 25 AND THE TOTAL LENGTHS SHOWN IN THE ESTIMATED QUANTITIES ARE CALCULATED FROM THE ESTIMATED TOP OF ROCK ELEVATIONS AND THE ACTUAL LENGTH OF EACH STEEL BEAM MAY VARY. THE CONTRACTOR SHOULD ANTICIPATE THAT THE STEEL BEAMS WILL NEED TO BE TRIMMED OR SPLICED TO THE ACTUAL TOP OF THE ROCK. THE CONTRACTOR MAY WANT TO ORDER ADDITIONAL LENGTH OF EACH TYPE OF STEEL BEAM FOR SPLICING.

THE DEPARTMENT WILL MEASURE STEEL BEAMS ALONG THE AXIS OF THE STEEL BEAM FROM THE TOP OF SHAFT ELEVATION TO THE BOTTOM OF THE DRILLED SHAFT, AS DETERMINED BY THE ENGINEER. THE DEPARTMENT WILL PAY FOR STEEL BEAMS AT THE CONTRACT UNIT PRICE PER FOOT ITEM 507, STEEL PILES, MISC.: HP12X53 STEEL BEAM, FURNISHED, AS PER PLAN.

ITEM 511 - CONCRETE, MISC.: 7"X24"X69" PRECAST CONCRETE FURNISHED, AS PER PLAN
ITEM 511 - CONCRETE, MISC.: 7"X36"X69" PRECAST CONCRETE FURNISHED, AS PER PLAN

THIS WORK CONSISTS OF FURNISHING AND PLACING PRECAST REINFORCED CONCRETE PANELS BETWEEN THE SOLDIER PILES TO FUNCTION AS LAGGING FOR THE RETAINING WALL.

PROVIDE PRECAST CONCRETE LAGGING FROM A PRECAST CONCRETE MANUFACTURER CERTIFIED ACCORDING TO SUPPLEMENT 1073. PROVIDE CLASS QC1 CONCRETE WITH A 28-DAY DESIGN STRENGTH OF AT LEAST 4000 PSI ACCORDING TO C&MS 499. PROVIDE EPOXY COATED REINFORCING STEEL ACCORDING TO C&MS 709.00. IN LIEU OF EXPOXY COATING, A CORROSION INHIBITING CONCRETE ADMIXTURE MAY BE USED AT THE SPECIFIED DOSING RATE. A QUALIFIED PRODUCT OF CORROSION INHIBITING ADMIXTURES IS AVAILABLE ON FILE AT THE LABORATORY.

MANUFACTURERS SHOULD RECOGNIZE THAT THE CORROSION INHIBITOR MAY AFFECT THE STRENGTH, ENTRAINED AIR CONTENT, WORKABILITY, ETC. OF THEIR CONCRETE MIXES. THE MANUFACTURER'S CHOICE TO USE ONE OF THESE CORROSION INHIBITORS DOES NOT ALLEVIATE MEETING ALL DESIGN REQUIREMENTS.

THE FRONT FACE AND SIDES OF THE CONCRETE PANEL SHALL BE SEALED WITH ITEM 512, SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) THE COLOR OF THE URETHANE SHALL BE FEDERAL COLOR NUMBER 17778 (LIGHT NEUTRAL)

ITEM 511 - CONCRETE, MISC.: 7"X24"X69" PRECAST CONCRETE FURNISHED, AS PER PLAN (CONTINUED)
ITEM 511 - CONCRETE, MISC.: 7"X36"X69" PRECAST CONCRETE FURNISHED, AS PER PLAN (CONTINUED)

- REJECT PANELS HAVING ANY OF THE FOLLOWING:
- DEFECTS THAT INDICATE IMPERFECT MOLDING
 - DEFECTS THAT INDICATE HONEYCOMBED OR OPEN TEXTURE CONCRETE
 - DEFECTS IN THE PHYSICAL CHARACTERISTICS OF THE CONCRETE, OR DAMAGE TO THE SEALING OF CONCRETE SURFACE TREATMENT
 - CONCRETE CHIPS OR SPALLS THAT EXCEED 4 INCHES WIDE AND 2 INCHES DEEP. (**REPAIR ALL CHIPS AND SPALLS OF ANY DIMENSION)
 - STAINED FORM FACE, DUE TO FORM OIL, CURING OR OTHER CONTAMINANTS
 - SIGNS OF AGGREGATE SEGREGATION
 - CRACKS WIDER THAN 0.01 INCHES, PENETRATING MORE THAN AN INCH OR LONGER THAN 12 INCHES. (REPAIR ALL CRACKS OF ANY DIMENSION.
 - FACE PANELS THAT DO NOT MEET SPECIFIED TOLERANCE
 - EXPOSED REINFORCING STEEL
 - INSUFFICIENT CONCRETE COMPRESSIVE STRENGTH.

NOTE: **THE MANUFACTURER SHALL SUBMIT REPAIR METHODS TO THE ENGINEER

PERMANENTLY MARK EACH PANEL TO INDICATE THE FACE TO BE PLACED AGAINST THE SOIL. PLACE THE PANEL BETWEEN THE FLANGES OF THE SOLDIER PILES AND BEARING AGAINST THE FLANGES ON THE EXPOSED SIDE OF THE WALL.

DO NOT SHIP PANELS UNTIL CONCRETE HAS ATTAINED A 3000 PSI COMPRESSIVE STRENGTH. PANELS DAMAGED BY IMPROPER HANDLING, STORING, TRANSPORTATION OR ERECTION SHALL BE REPAIRED OR REPLACED AT THE DISCRETION OF THE ENGINEER.

SUBMIT SHIPPING DOCUMENTATION TO THE ENGINEER AS THE FACING PANELS ARE DELIVERED TO THE PROJECT. REQUIRED DOCUMENTATION SHALL INCLUDE THE PRECASTER'S RECORD OF FINAL INSPECTION OF ALL PRECAST COMPONENTS, THE MEASUREMENTS OF TOLERANCES, STRENGTH, DIMENSIONS, AND THE TE-24 SHIPPING DOCUMENT.

DO NOT ALLOW THE DIMENSIONS OF THE LAGGING OR LOCATION OF THE REINFORCING STEEL TO VARY BY MORE THAN 1/4-INCH. PERMANENTLY MARK EACH PANEL TO INDICATE WHICH FACE WILL BE PLACED AGAINST THE SOIL. PLACE THE PANEL BETWEEN THE FLANGES OF THE SOLIDER PILES AND BEARING AGAINST THE FLANGES ON THE EXPOSED SIDE OF THE WALL SO THAT THE SOLDIER PILE FLANGE OVERLAPS THE END OF THE LAGGING BY AT LEAST ONE INCH MORE THAN THE CONCRETE COVER OVER THE REINFORCING STEEL AT BOTH ENDS OF THE LAGGING. WHEN INSTALLING THE PRECAST CONCRETE LAGGING PANELS, PLACE HARDWOOD WEDGES TO HOLD THE LAGGING PANELS AGAINST THE FRONT INSIDE FLANGE OF THE STEEL PILES.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIAL REQUIRED TO FABRICATE TRANSPORT AND INSTALL THE PRECAST CONCRETE LAGGING SECTIONS AS SHOWN IN THE PLANS SHALL BE MADE UNDER:

ITEM 511 - CONCRETE MISC.: PRECAST REINFORCED CONCRETE LAGGING PANEL - 3496 SF

ITEM 511 - CLASS QC1 CONCRETE, MISC.: LEVELING PAD

ALL REQUIREMENTS OF CMS SECTION 511 SHALL BE FOLLOWED, EXCEPT THE CONTRACTOR WILL BE PERMITTED TO LOAD THE CONCRETE PAD ONE DAY AFTER PLACEMENT.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS FOR THE ABOVE SHALL BE INCLUDED IN THE CUBIC YARD CONTRACT PRICE FOR ITEM 511, QC1 CONCRETE, MISC., LEVELING PAD.

ITEM 524 - DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN
ITEM 524 - DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN

THIS WORK CONSISTS OF FURNISHING AND INSTALLING DRILLED SHAFTS FOR SOLDIER PILE AND LAGGING WALLS. THE DRILLED SHAFTS ARE REINFORCED WITH SOLDIER PILES INSTEAD OF REINFORCING STEEL CAGES. THE SOLDIER PILES EXTEND ABOVE THE TOP OF THE DRILLED SHAFT. FURNISH AND INSTALL THE DRILLED SHAFTS IN ACCORDANCE WITH C&MS 524 EXCEPT AS MODIFIED AND SUPPLEMENTED BELOW.

THESE SHAFTS WERE DESIGNED IN ACCORDANCE WITH ODOT GEOTECHNICAL DESIGN MANUAL WITH AN ASSUMED SLIDE PLANE DEPTH OF 9.0 FEET, A LATERAL SERVICE LOAD OF 41.0 KIPS, AND A LATERAL STRENGTH LOAD OF 62.8 KIPS.

EXCAVATE THE HOLE FOR THE DRILLED SHAFT WITHIN 3 INCHES OF THE PLAN LOCATION. PLACE THE SOLDIER PILE WITHIN THE PRE-BORED SHAFTS. PLACE THE SOLDIER PILE SO THAT THE FLANGES ARE PARALLEL TO THE CENTERLINE OF THE ROW OF DRILLED SHAFTS. DO NOT ALLOW THE ORIENTATION OF THE FLANGES TO VARY BY MORE THAN 10 DEGREES. PLUMB THE STRUCTURAL MEMBERS SO THEY ARE VERTICAL AND NOT INCLINED MORE THAN 1/8 INCH PER FOOT FROM VERTICAL. EACH STRUCTURAL MEMBER SHALL BE CENTERED WITHIN THE SHAFT. SUPPORT THE STRUCTURAL MEMBER SO THAT IT DOES NOT MOVE DURING CONCRETE PLACEMENT.

PLACE ITEM 511 CLASS QC1 CONCRETE IN EACH HOLE AS BACKFILL MATERIAL. PLACE CONCRETE TO THE ELEVATION FOR THE TOP OF THE DRILLED SHAFT. THE CONTRACTOR MAY PLACE CONCRETE USING THE FREE-FALL METHOD PROVIDED THE DEPTH OF WATER IS LESS THAN 6 INCHES AND THE CONCRETE FALLS WITHOUT STRIKING THE SIDES OF THE HOLE. POURING CONCRETE ALONG THE WEB OF THE SOLDIER PILE IS ACCEPTABLE.

CHECK THE POSITION, THE VERTICAL ALIGNMENT AND ORIENTATION OF THE STRUCTURAL MEMBER IMMEDIATELY AFTER CONCRETE PLACEMENT. MAKE CORRECTIONS AS NECESSARY TO MEET ABOVE TOLERANCES.

REMOVE CONCRETE AS NECESSARY FROM AROUND THE SOLDIER PILE TO PLACE THE LAGGING. PLACE LAGGING SO THAT THE SOLDIER PILE FLANGE OVERLAPS THE END OF THE LAGGING BY AT LEAST 3 INCHES AT BOTH ENDS OF THE LAGGING. WAIT AT LEAST 12 HOURS AFTER PLACING CONCRETE BEFORE PLACING LAGGING.

SEQUENCE OF INSTALLATION:
THE INSTALLATION SEQUENCE SHALL BE SUCH THAT NO DRILLED SHAFT IS INSTALLED ADJACENT TO EITHER AN OPEN DRILLED SHAFT EXCAVATION OR A DRILLED SHAFT IN WHICH THE CONCRETE HAS LESS THAN A 48-HOUR CURE. INSTALLING THE SHAFTS IN AN ALTERNATING SEQUENCE OR ANY SEQUENCE THAT MEETS THIS CRITERION IS PERMISSIBLE.

PROTECTION OF UNATTENDED OPEN SHAFTS:
CARE SHALL BE EXERCISED AS TO COVER UNATTENDED OPEN SHAFTS. TEMPORARY COVERS SHALL BE OF ADEQUATE STRENGTH TO PROTECT A PERSON OR ANIMAL FROM FALLING IN.

ITEM 524 - DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (CONTINUED)
ITEM 524 - DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN (CONTINUED)

LOADING OF PILES:
THE PILES SHALL NOT BE LOADED NOR ANY EXCAVATION PERFORMED IN FRONT OF THE WALL FOR 14 DAYS AFTER THE PLACING OF CONCRETE.

ACCESS:
ANY TEMPORARY GRADING OR EMBANKMENT, AGGREGATE, DRAINAGE, SHEETING, ETC., NEEDED FOR ACCESS TO THE WORK AREA SHALL BE INCLUDED IN THE BID PRICE FOR DRILLED SHAFTS.

METHOD OF MEASUREMENT:
THE DEPARTMENT WILL MEASURE DRILLED SHAFTS ABOVE BEDROCK, AS PER PLAN, ALONG THE AXIS OF THE DRILLED SHAFT FROM THE EXISTING GROUND TO THE TOP OF BEDROCK, AS DETERMINED BY THE ENGINEER. THE DEPARTMENT WILL MEASURE DRILLED SHAFTS INTO BEDROCK, AS PER PLAN, ALONG THE AXIS OF THE DRILLED SHAFT FROM TOP OF BEDROCK TO THE BOTTOM OF THE DRILLED SHAFT, AS DETERMINED BY THE ENGINEER.

PAYMENT FOR LABOR, EQUIPMENT AND MATERIALS FOR THE ABOVE SHALL BE INCLUDED IN THE FOOT CONTRACT PRICE FOR ITEM 524, DRILLED SHAFTS, 24" DIAMETER, ABOVE ROCK, AS PER PLAN AND
ITEM 524, DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN.

ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN

UNCLASSIFIED EXCAVATION, AS PER PLAN SHALL BE IN ACCORDANCE WITH CMS ITEM 503 EXCEPT THAT BACKFILL MATERIAL SHALL BE GRANULAR EMBANKMENT MATERIAL CONFORMING TO CMS 703.16B. THE BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED IN 6" LIFTS.

THIS ITEM INCLUDES TEMPORARY EXCAVATION ESTIMATED WITH LAID BACK TEMPORARY SLOPES OF 1:1 AND BACKFILL TO EXISTING GRADE, WHICH IS NOT EXPLICITLY SHOWN ON THE CROSS SECTIONS.

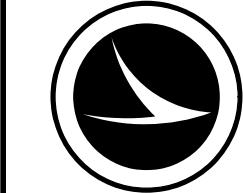
EXCAVATION LIMITS FOR THE PROPOSED STRUCTURE (EXISTING RETAINING WALL) KNOWN EXTENTS SHOWN ON SHEET 11-12 SHALL BE AS DEFINED IN CMS 503.09. EXCAVATION WITHIN PLAN LIMITS NECESSARY TO REMOVE THE EXISTING STRUCTURE SHALL BE INCLUDED IN ITEM 202 FOR PAYMENT.

PAYMENT FOR LABOR, EQUIPMENT AND MATERIALS VIA MECHANICAL MEANS INCLUDES TEMPORARY EXCAVATION AND BACKFILL FOR THE PROPOSED RETAINING SHALL BE INCLUDED IN THE CONTRACT PRICE AS LUMP SUM IN THE TABLE BELOW.

SUBSUMMARY - ESTIMATED QUANTITIES - RETAINING WALL				
ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION
503	21301	LS		UNCLASSIFIED EXCAVATION, AS PER PLAN
507	00201	1970	FT	STEEL PILES HP12X53, FURNISHED, AS PER PLAN
511	71100	28	CY	CONCRETE, MISC.:CLASS QC1, LEVELING PAD
511	71200	3496	SF	CONCRETE, MISC.: PRECAST REINFORCED CONCRETE LAGGING PANEL
512	10100	635.272	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
518	21200	198	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC
518	40000	372	FT	6" PERFORATED CORRUGATED PLASTIC PIPE
518	40011	20	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE (INCLUDING SPECIALS), AS PER PLAN
524	94503	499	FT	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN
524	94505	630	FT	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN
611	99711	1	EA	PRECAST REINFORCED CONCRETE OUTLET, AS PER PLAN

NOTE: TOTALS CARRIED TO GENERAL SUMMARY.

DESIGN AGENCY



DESIGNER	MWH
REVIEWER	MCM
PROJECT ID	123842
SHEET	P. 25
TOTAL	43