

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET SB- 2
-	-	KANE	545	303	OF 14 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract # 63074

TOTAL BILL OF MATERIAL

PAY ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment	Cu. Yd.		1,813	1,813
Structure Excavation	Cu. Yd.		2,664	2,664
Concrete Structures	Cu. Yd.		1,244.8	1,244.8
* Form Liner Textured Surface (Special)	Sq. Ft.		4,665	4,665
Reinforcement Bars, Epoxy Coated	Pound		237,770	237,770
Name Plate	Each		1	1
Geocomposite Wall Drain	Sq. Yd.		703	703
* Pipe Underdrains for Structures 4"	Foot		515	515
* Graffiti Removal (Special)	Sq. Yd.		695	695
* Anti-Graffiti Coating	Sq. Ft.		5,024	5,024
* Steel Railing (Special)	Foot		128	128
* Architectural Lettering	L. Sum		0.5	0.5

* See Special Provisions

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GENERAL NOTES

- Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60. See Special Provision.
- Reinforcement bars designated (E) shall be epoxy coated.
- All exposed concrete edges shall have a $\frac{3}{4}$ " x 45 deg. Chamfer, except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
- Reinforcement bending details shall be in accordance with the latest Manual of Standard Practice for Detailing Reinforced Concrete Structures, ACI 315.
- Reinforcement bar bending dimensions are out to out.
- Cover from face of concrete to face of reinforcement bars shall be 3 inches for surfaces cast against earth and 2 inches for all other surfaces unless otherwise shown.
- The cost of Water Seals and PJF is included in the cost of Concrete Structures unless noted otherwise.
- Backfill shall be placed simultaneously against both side walls of the structure. The maximum differential in fill height on either side shall be two feet.
- Reinforcement bar lap splices shall be Class C. Top bars so placed that more than 12 inches of concrete is cast below the reinforcement shall be lapped for 1.4 x basic lap. Reinforcement bar splices shall be in accordance with the following table unless shown otherwise on the drawing.

Bar Size	Basic Lap	1.4 Basic Lap
#4	1'-8"	2'-5"
#5	2'-2"	3'-0"
#6	2'-7"	3'-7"
#7	3'-5"	4'-10"
#8	4'-6"	6'-4"
#9	5'-9"	8'-1"
#10	7'-3"	10'-3"
#11	9'-0"	12'-7"

GENERAL NOTES, INDEX OF SHEETS
AND TOTAL BILL OF MATERIAL
MIXED-USE PATH UNDER
IL 25/DUNHAM ROAD
F.A.P. 360 - SEC. 06-00214-15-BR
KANE COUNTY
STATION 609+05.92
STRUCTURE NO. 045-3174

DESIGNED	AAY
CHECKED	AJK
DRAWN	VH
CHECKED	HMA/DMC

▲ Addendum #1 - 6/5/09

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-585-0450
Job # 3944