

SUMMARY OF QUANTITIES

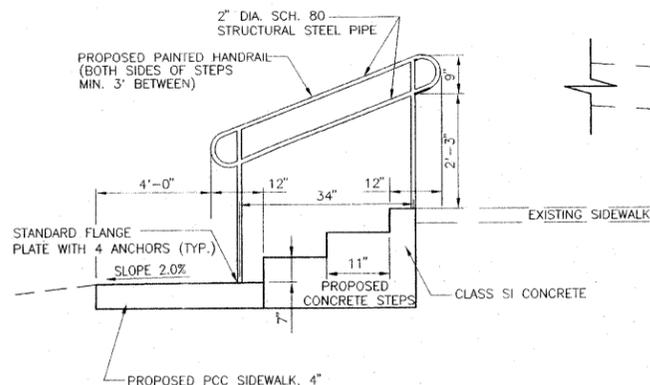
CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	CONSTRUCTION CODE
				SFTY-1B
25000100	SEEDING, CLASS 1	ACRE	0.7	0.7
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63	63
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63	63
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63	63
25100115	MULCH, METHOD 2	ACRE	0.7	0.7
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	20	20
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	7	7
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	234	234
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	28,680	28,680
42400800	DETECTABLE WARNINGS	SQ FT	140	140
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	223	223
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	62	62
44000600	SIDEWALK REMOVAL	SQ FT	5,191	5,191
50901760	PIPE HANDRAIL	FOOT	18	18
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	12	12
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	62	62
67100100	MOBILIZATION	L SUM	1	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1
72000100	SIGN PANEL - TYPE 1	SQ FT	33	33
72900100	METAL POST - TYPE A	FOOT	48	48
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,115	1,115
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30	30
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	48	48
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	261	261
XX001464	ROOF DRAIN GUTTER OUTLET	EACH	4	4
* XX007242	DIRECTIONAL BORE	FOOT	96	96
Z0012450	CONCRETE STEPS	CU YD	1.5	1.5

* SPECIALTY ITEM

GENERAL NOTES

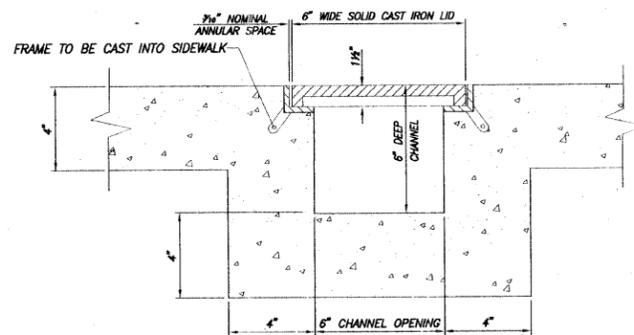
- 1.) ALL CONSTRUCTION SHALL BE ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007.
- 2.) UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MAY BE CONTACTED DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED ON THE COVER SHEET.
- 3.) THE UTILITY COMPANIES LISTED ON THE COVER SHEET MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THIS FACT INTO CONSIDERATION IN PREPARING HIS/HER BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.
- 4.) A QUANTITY OF 20 TONS OF AGGREGATE SURFACE COURSE, TYPE B HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF MISCELLANEOUS DRIVEWAY REPAIR.
- 5.) THE COST FOR FURNISHED EXCAVATION AND EARTH EXCAVATION NECESSARY TO COMPLETE THE WORK AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE CONTRACT. THE TOP 6 INCHES OF ALL NECESSARY BACKFILL SHALL BE FREE FROM ANY ROCKS OR FOREIGN DEBRIS.
- 6.) ALL PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- 7.) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING OF MATERIALS AND CONSTRUCTION.
- 8.) ALL EARTH SURFACES DISTURBED BY CONSTRUCTION SHALL BE SEEDDED AS DIRECTED BY THE ENGINEER. SEEDING OUTSIDE RIGHT-OF-WAY WILL BE AT THE CONTRACTOR'S EXPENSE.
- 9.) THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

APPLICATION RATES	
MULCH METHOD 2	2 Tons/acre
NITROGEN FERTILIZER NUTRIENT	90 Lbs/acre
PHOSPHORUS FERTILIZER NUTRIENT	90 Lbs/acre
POTASSIUM FERTILIZER NUTRIENT	90 Lbs/acre



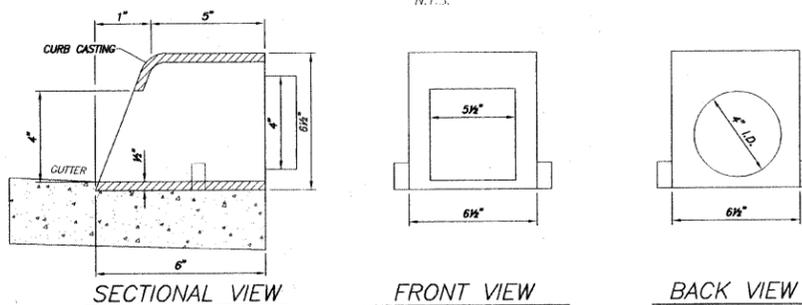
PROPOSED CONCRETE STEPS

N.T.S.



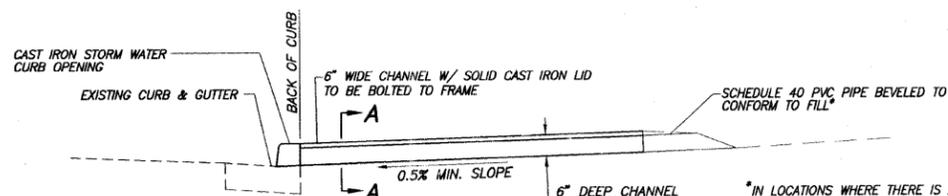
SECTION A-A

N.T.S.



STORM WATER CURB OPENING

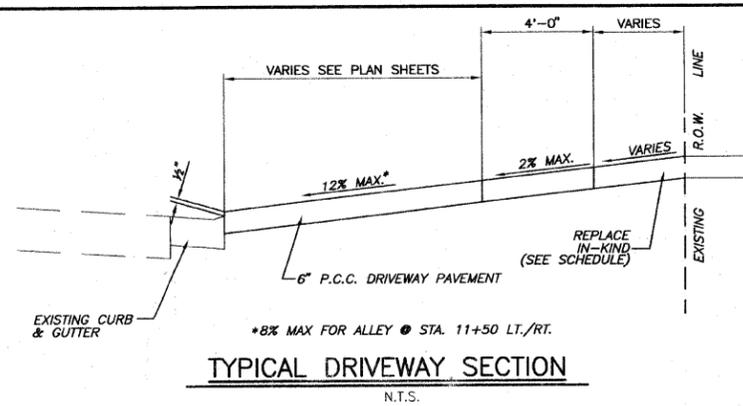
N.T.S.



**SIDEWALK DRAIN
GUTTER OUTLET DETAIL**

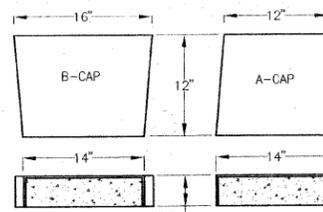
N.T.S.

* IN LOCATIONS WHERE THERE IS AN EXISTING ROOF DRAIN CONNECT USING FLEXIBLE COUPLING.



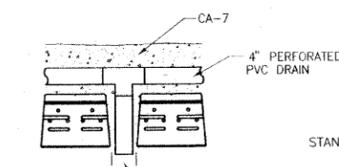
TYPICAL DRIVEWAY SECTION

N.T.S.



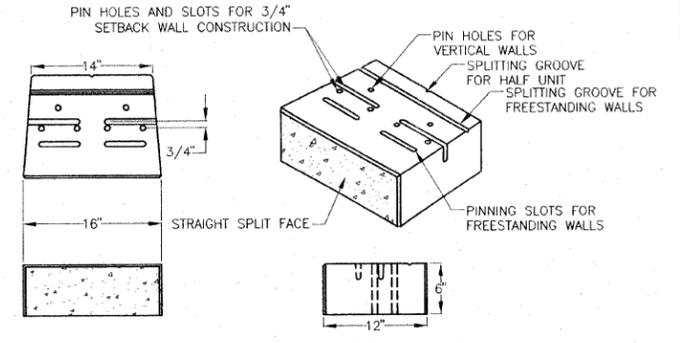
CAP BLOCK

N.T.S.



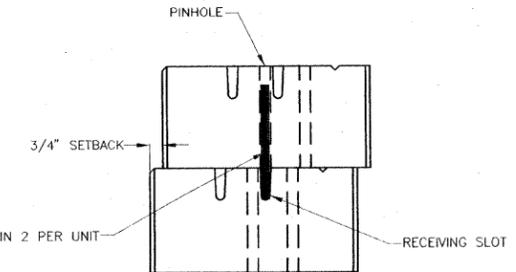
DRAIN DETAIL

N.T.S.



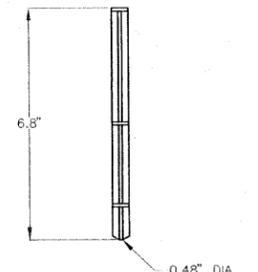
STANDARD UNIT

N.T.S.



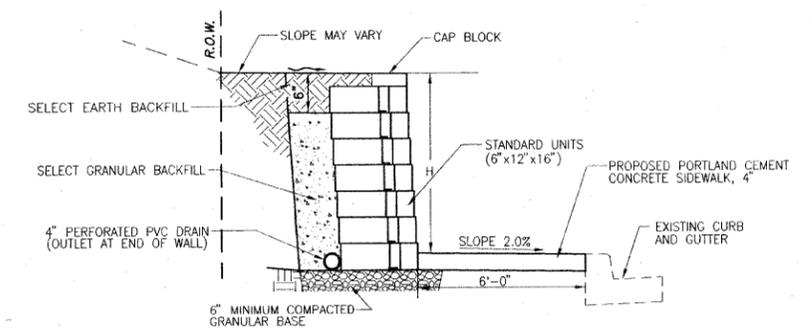
PINNING DETAIL

N.T.S.



STANDARD PIN

N.T.S.



SEGMENTAL CONCRETE BLOCK WALL DETAIL

N.T.S.

H = WALL HEIGHT, VARIES (±2' EXACT WALL HEIGHT MAY BE ADJUSTED DUE TO FIELD CONDITIONS)
NOTE: PROVIDE PREFORMED EXPANSION JOINT MATERIAL BETWEEN CURB AND P.C.C. SIDEWALK AS WELL AS BETWEEN P.C.C. SIDEWALK AND MODULAR RETAINING WALL.

NOTE: DRIVEWAYS SHALL MATCH EXISTING WIDTH BEHIND SIDEWALK AND SHALL FLARE OUT TO EXISTING CURB ROLL DOWNS.

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9249	09-00015-01-SW	ST. CLAIR	15	2
STA. 10+00.00		TO STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97385		