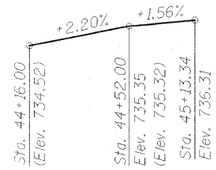
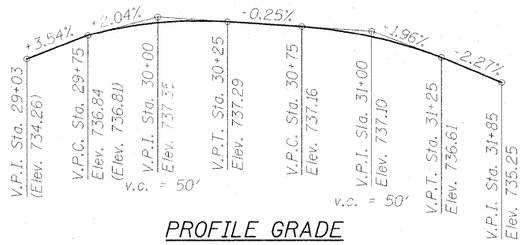


PROFILE GRADE

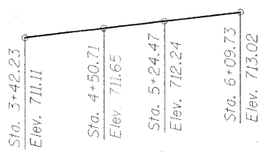
Along ℄ US 45 (F.A.P. 824)

Note: Elevations in ( ) are along edge of median. See Roadway Plans for locations of medians.



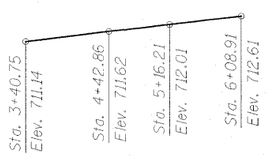
PROFILE GRADE

Along ℄ IL 16 (F.A.P. 325)



PROFILE GRADE

(T/West Rail, S.B. C.N.R.R.)



PROFILE GRADE

(T/West Rail, N.B. C.N.R.R.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.	-	565	565
Removal of Existing Superstructures	Each	1	-	1
Concrete Removal	Cu. Yd.	4	175	179
Concrete Retaining Wall Removal	Cu. Yd.	-	210	210
Protective Shield	Sq. Yd.	375	-	375
Structure Excavation	Cu. Yd.	-	1500	1500
Concrete Structures	Cu. Yd.	-	703.7	703.7
Concrete Superstructure	Cu. Yd.	705.3	-	705.3
Bridge Deck Grooving	Sq. Yd.	1175	-	1175
Protective Coat	Sq. Yd.	1518	-	1518
Reinforcement Bars, Epoxy Coated	Pound	156110	70170	226280
Bar Splicers	Each	173	-	173
Aluminum Railing, Type L	Foot	142	-	142
Removing and Re-Erecting Existing Railing	Foot	168	-	168
Pipe Handrail	Foot	-	80	80
Furnishing Metal Shell Piles 12"x0.25"	Foot	-	3844	3844
Driving Piles	Foot	-	3844	3844
Test Pile Metal Shells	Each	-	3	3
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	186	-	186
Concrete Sealer	Sq. Ft.	-	1400	1400
Epoxy Crack Injection	Foot	-	490	490
Geocomposite Wall Drain	Sq. Yd.	-	350	350
Pipe Underdrains for Structures 4"	Foot	-	215	215
Conduit Embedded in Structure, 2" Dia., Galvanized Steel	Foot	217	-	217
Asbestos Bearing Pad Removal	Each	-	66	66
Water Main Removal 6 Inch	Foot	155	-	155
Temporary Soil Retention System, Location 1	Sq. Ft.	-	75	75
Temporary Soil Retention System, Location 2	Sq. Ft.	-	75	75
Temporary Soil Retention System, Location 3	Sq. Ft.	-	75	75
Temporary Soil Retention System, Location 4	Sq. Ft.	-	105	105
Temporary Soil Retention System, Location 5	Sq. Ft.	-	880	880
Temporary Soil Retention System, Location 6	Sq. Ft.	-	850	850
Structural Repair of Concrete (Depth Equal to or less than 5 inches)	Sq. Ft.	-	37	37
Pipe Support	Each	13	-	13

STATION 30+63.74
RE-BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. RT. 325 - SEC. (19VBR)BR
LOADING HS20-44
STR. NO. 015-0064

NAME PLATE
See Std. 515001

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. Concrete Sealer shall be applied to the designated areas of the abutments and piers.
5. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
6. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach pavement.
7. Coordination with the Canadian National Railway (CN) will be required during construction. Planned interruptions of rail traffic, if allowed, must be minimized and coordinated/approved by CN. Temporary reduced construction clearances must be approved by CN.
8. Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.
9. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
10. The Contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal of the superstructure.
11. If the Contractor's procedure for existing deck beam removal involves placement of cranes or other heavy equipment on the existing deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Costs included in Removal of Existing Superstructures.
12. The existing expansion bearing pads contain ASBESTOS. See Special Provisions for Asbestos Bearing Pad Removal.
13. Slipforming of parapets is not allowed.
14. The Metal Shell piles shall be according to ASTM A 252 Grade 3.
15. Protective Shield will be required in spans 2 and 3 during removal operations.

ESCA CONSULTANTS, INC.		
DESIGNED BY:	DAJ	11/08
DRAWN BY:	DWH	11/08
CHECKED BY:	MTD	03/09
APPROVED BY:	RDP	08/09

GENERAL DATA
STRUCTURE NO. 015-0064

SHEET NO. 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35 SHEETS	325	(19VBR)BR	COLES	92	26
			CONTRACT NO. 74149		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		