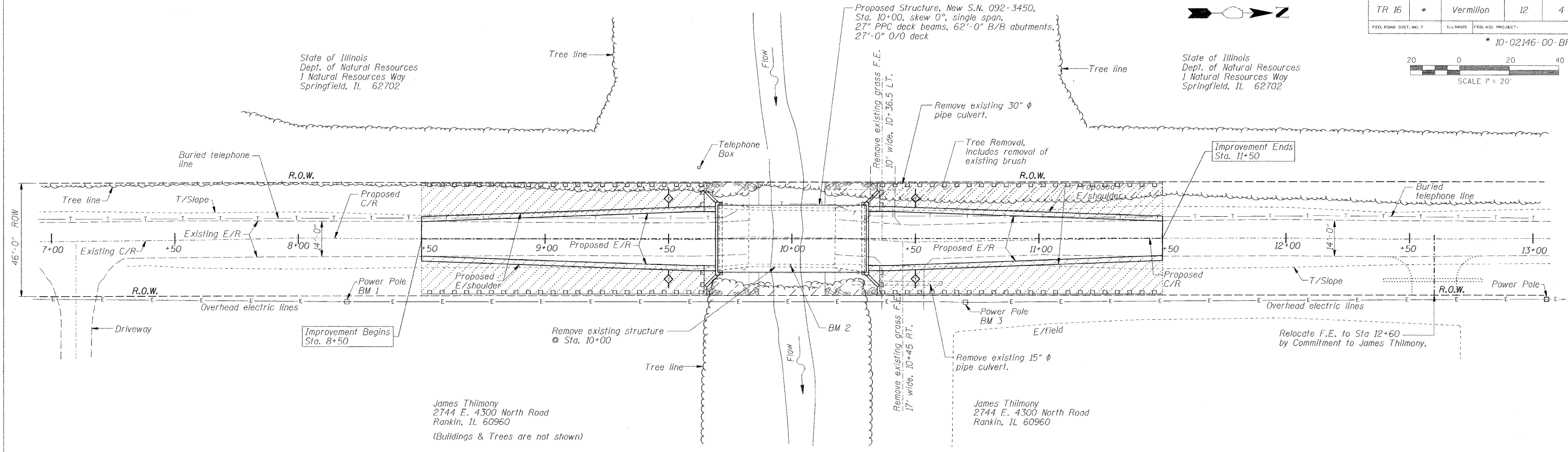
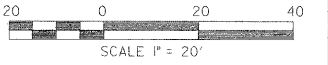


SE 1/4, Section 10, T 23 N, R 14 W, 2nd P.M

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 16	*	Vermilion	12	4
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
* 10-02146-00-BR				



SW 1/4, Section 11, T 23 N, R 14 W, 2nd P.M

**EROSION CONTROL SEQUENCE**

1. Placement of perimeter erosion control barrier prior to commencement of any work. See Standard 280001.
2. Removal of the existing structure
3. Earth excavation & structure excavation.
5. Construction of the substructure.
6. Placement of PPC deck beams
7. Place riprap.
8. Regrade for aggregate surface course placement and shoulders.
9. Install guardrail and bridge rail.
10. Removal and proper clean up of the temporary erosion controls.
11. Placement of the permanent erosion controls.

NITROGEN FERTILIZER NUTRIENT				
PHOSPHORUS FERTILIZER NUTRIENT				
POTASSIUM FERTILIZER NUTRIENT				
LOCATION				POUND
STA. 8+50	TO	STA. 9+69	LT	4.5
STA. 8+50	TO	STA. 9+69	RT	4.5
STA. 10+31	TO	STA. 11+50	LT	4.5
STA. 10+31	TO	STA. 11+50	RT	4.5
TOTAL				18

PERIMETER EROSION BARRIER				
LOCATION				FOOT
STA. 8+50	TO	STA. 9+69	LT	130
STA. 8+50	TO	STA. 9+69	RT	130
STA. 10+31	TO	STA. 11+50	LT	130
STA. 10+31	TO	STA. 11+50	RT	130
TOTAL				520

BILL OF MATERIAL - EROSION CONTROL		
ITEM	UNIT	QUANTITY
Seeding, Class 2	ACRE	0.16
Nitrogen Fertilizer Nutrient	POUND	18
Phosphorus Fertilizer Nutrient	POUND	18
Potassium Fertilizer Nutrient	POUND	18
Mulch, Method 2	ACRE	0.16
Temporary Erosion Control Seeding	POUND	16
Temporary Ditch Checks	FOOT	40
Perimeter Erosion Barrier	FOOT	520

SEEDING, CLASS 2 MULCH, METHOD 2				
LOCATION				ACRE
STA. 8+50		STA. 9+69	LT	0.04
STA. 8+50		STA. 9+69	RT	0.04
STA. 10+31		STA. 11+50	LT	0.04
STA. 10+31		STA. 11+50	RT	0.04
TOTAL				0.16

TEMPORARY EROSION CONTROL SEEDING				
LOCATION				POUND
STA. 8+50	TO	STA. 9+69	LT	4
STA. 8+50	TO	STA. 9+69	RT	4
STA. 10+31	TO	STA. 11+50	LT	4
STA. 10+31	TO	STA. 11+50	RT	4
TOTAL				16

**PERMANENT EROSION CONTROL**

- Seeding, Cl. 2 with Fertilizer and Mulch
- Temporary Ditch Check (10' each location)
- Perimeter Erosion Barrier
- Temporary Erosion Control Seeding

TEMPORARY DITCH CHECKS				
LOCATION				FOOT
STA. 9+50	LT/RT	10' EACH		20
STA. 10+50	LT/RT	10' EACH		20
TOTAL				40

**FRAUENHOFFER & ASSOCIATES**  
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 Consulting Engineers, Scientists, & Surveyors