

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA 549 (IL 72)	116RS-1	Ogle	593	11
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64178				

See cross sections for special ditches and backslopes.

The removal of Bituminous Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 6 (modified) shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1 (modified). Class 6 (modified) shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Subbase Drains and Underdrain Specials shall be fully installed, operational, and outletted prior to the placement of any related pavement structure.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 4.6 m (15 feet). When patch spacing is less than 4.6 m (15 feet), the pavement between patches shall also be removed and replaced.

The minimum patch dimension for full-depth patches will be as shown on State Standard 442201.

The existing bituminous surface on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL BITUMINOUS SURFACING.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Binder	Level Binder	Top Shoulder	Bottom Shoulder
PG:	64-22	64-22	64-22	58-22	58-22
RAP%: (Max)	15	25	25	30	50
Design Air Voids	4.2 @ N50	4.2 @ N50	4.2 @ N50	3.0	2.0
Mixture Composition (Gradation Mixture)	IL 12.5	IL 19	IL 9.5	IL 12.5	BAM
Friction Aggregate	D	N/A	N/A	C	C
20 Year ESAL	0.65	0.65	0.65	N/A	N/A

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

Guardrail posts may be driven through bituminous shoulders if the shoulder is not damaged as determined by the Engineer. If the shoulder is being damaged, the Contractor shall core holes in the shoulder according to Article 630.06 of the Standard Specifications.

On full depth pavement, shoulder widths of 1.8 m (6 ft) or less may be placed, at the Contractor's option, simultaneously with the adjacent traffic lane for both the binder and surface courses, provided the cross slope of both the pavement and shoulder can be satisfactorily obtained. The shoulder will be paid for at the contract unit price per Square Meter (Square Yard) for BITUMINOUS SHOULDERS of the thickness specified on the plans.

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL BITUMINOUS SURFACING.

Rural minimum island area = 9.3 m² (100 feet²).
Urban island area = usually 7.0 m² (75 feet²) but not less than 4.7 m² (50 feet²).
(Island area includes the concrete median surface and the curb.)

All frames and grates of drainage structures to be removed or filled shall be carefully salvaged and shall remain the property of Village of Forresteron.

Valve Boxes shall be adjusted to the final grade as shown on the plans. The cost of adjusting Valve Boxes shall not be paid for separately but shall be included in the contract unit price for the various items of work.

Lateral distances from the centerline on all inlets are to the face of the inlet.

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

All proposed manholes on this project shall be cast in place or precast. This work will be paid for at the contract unit price Each for MANHOLE of the type and size specified.

The underdrain system scheduled on this project is to be constructed in accordance with Section 601 of the Standard Specifications for Road and Bridge Construction, except when the Recurring Special Provision Pipe Underdrains is included, the fabric envelope encasement of the pipe shall be omitted.

The excavated materials from earth excavation widening, grading and shaping ditches, and excavating and grading shoulders shall be used to build up the shoulder throughout the job to conform with the typical sections and shoulder widening for terminals as shown on the plans.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for EARTH EXCAVATION

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 8d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

The Contractor shall removal all existing delineators within the project limits. The delineators shall become the property of the Contractor. This work shall be included in the contract unit price for EARTH EXCAVATION.

New delineators shall be installed at each headwall or end section of AR culverts, at both ends of guardrail, at the beginning and end of rural curb & gutter, and at any object that could be hazardous to traffic or ditch maintenance. The delineators and all work necessary for installation shall be paid for as DELINEATORS (EACH).

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The Engineer shall submit this information to the Survey Crew.

The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following. The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699(90 day utility relocation law) - Once right of way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date+135 days