

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
PERMIT

Subject to all of the terms, conditions and restrictions printed or written below, and on the reverse side hereof, permission is hereby granted to DAWES ARBORETUM, 7770 JACKSONTOWN RD., S.E., NEWARK, OHIO 43055 TO INSTALL A PEDESTRAIN UNDERPASS BENEATH SR 13 IN LICKING COUNTY AT AN APPROXIMATE LOCATION 1.2 MILES NORTH OF USR 40. THIS INSTALLATION SHALL REQUIRE TYPE 5 GUARDRAIL, A MINIMUM OF 100' EACH SIDE.

AT THE POINT OF CROSSING, SHOULDERS SHALL BE PUSHED OUTWARDLY FROM THE CENTERLINE OF THE ROADWAY SO THAT THE TOE OF THE DITCH SLOPE WILL TOUCH DOWN FROM THE FACE OF GUARDRAIL TO THE EDGE OF PAVEMENT.

THE DITCH DRAINAGE (UPON COMPLETION) SHOULD ACCOMODATE THE SAME AMOUNT OF WATER AS IT DOES PRIOR TO BEGINNING OF PROJECT.

TRAFFIC CONTROL AND SIGNING SHALL BE IN ACCORDANCE WITH ATTACHED PLAN, THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", AND THE MT-97.10 (MAINTENANCE OF TRAFFIC) DRAWING DATED APRIL 29, 1988.

THE OHIO DEPARTMENT OF TRANSPORTATION, DISTRICT #5 (TRAFFIC DEPARTMENT, DOUG KULLMAN, ENG.) REQUIRES A (7) SEVEN DAY NOTIFICATION PRIOR TO THE ONE LANE TRAFFIC FLOW PLAN ON SR 13. PLEASE PHONE # 614323-4400, EXT. 420.

THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, SHALL BE SAVED HARMLESS FROM ANY CLAIMS (PUBLIC OR PRIVATE) THAT MIGHT ARISE AS A RESULT OF THIS INSTALLATION. (SEE PAGE 2)

This permit to be in possession of employees in charge of work at all times. To be shown upon request to any employee of the Department of Transportation

No work shall be done under this permit until the party or parties to whom it is granted shall have communicated with and received instructions from Mr. BOB HEWITT @ 928-3791

~~XXXXXXXXXXXXXXXXXXXX~~

This permit shall be void unless the work herein contemplated shall have been completed before 12-31-89

Dated this 14TH day of AUG., 19 89.


DISTRICT DEPUTY DIRECTOR OF TRANSPORTATION

Randy Tharp
Called 9/5
to start 9/18-20

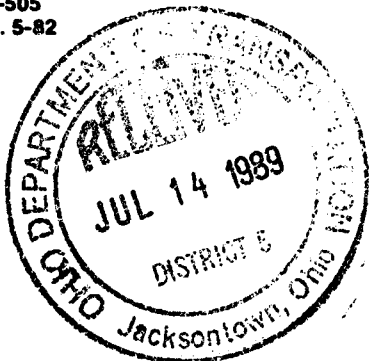
(PAGE 2)

THERE SHALL BE NO WORK, STOCKPILING OR PARKING OF EQUIPMENT ON THE HIGHWAY PAVEMENT.

THE PERMITTEE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE HIGHWAY RIGHT OF WAY RESULTING FROM THIS INSTALLATION.

THIS INSTALLATION SHALL BE IN ACCORDANCE WITH ATTACHED DRAWING TITLED DAWES ARBORETUM, DATED JULY 13, 1989, INsofar AS SAME DOES NOT CONFLICT WITH THE GENERAL PROVISIONS.

THIS PERMIT IS NOT A SUBSTITUTE FOR SATISFYING THE RIGHTS OF ANY OTHER PARTY THAT MAY HAVE AN INTEREST IN THE EASEMENT (OR UNDERLYING FEE).



County of LICKING Dist. 5

S.R. 13 Sec. _____

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

PERMIT APPLICATION

See Instructions on Back of Sheet

TO: HAROLD HITCHENS
District Deputy Director

DATE JULY 17, 1989

Dear Sir:

Application is hereby made by (1) DAWES ARBCRETUM
P.O. Address (2) 7770 JACKSONTOWN ROAD, S.E., NEWARK, C. 43055
to (3) CUT THRU S.R. 13 AT STA 67+00 (CDCT PLAN DATED 1952) TO BUILD A PEDESTRIAN UNDERPASS. 7'4" x 6'3"

at the following described location (4) in LICKING along
County across S.R. No. 13

Mi. _____ Ft. _____ ☐ N ☐ E ☐ W ☐ S of AT STA 67+00 (1952)

and in accordance with the attached plan (5).

(6) Work will commence on or about AUGUST 1, 1989 and will require
90 days.

(7) Open cut of pavements shall not be permitted unless no reasonable alternate method is available.
If the proposed installation requires the opening of the pavement give the following information.

A. Conditions necessitating opening of pavement THIS PIPE IS TOO LARGE
TO BORE THRU

B. The opening to be made in the pavement will be 12 feet long by 28 feet wide and 11 feet deep.

C. Pavement is to be replaced by:
(a) AS SHOWN ON ATTACHED PLANS as directed by

and to the complete satisfaction of the District Deputy Director of Transportation.

(b) We hereby agree to backfill the trench of said opening in compliance with the standards of the Ohio Department of Transportation standards as set forth herein using construction methods, and materials, and workmanship so prescribed in the Construction and Materials Specifications (Current Edition) of the Department of Transportation.

(8) Permits for tunnelling, open cut of pavement, mining or quarrying near, through or under the Right of Way, overweight crossings, etc. See Items 7, 8 & 9 on reverse side.

(9) All work requiring men or vehicles on the pavement or shoulders shall comply with all the requirements of the Ohio Manual of Uniform Traffic Control Devices and Item 614 (Maintaining Traffic) of the Ohio Department of Transportation Construction and Material Specifications. Failure to comply with this requirement will be cause for immediate suspension of the permit until the proper traffic controls have been provided.

(10) We agree to comply with all the conditions, restrictions and regulations of the Department of Transportation.

DAWES ARBCRETUM

By [Signature]



Richard F. Celeste/Governor

OHIO DEPARTMENT OF TRANSPORTATION

25 South Front Street
P.O. Box 899
Columbus, Ohio 43216-0899

District 5
9600 Jacksontown Rd.
Jacksontown, Ohio
August 4, 1989

Perry Associates Inc.
P.O. Box 366
Thornville, Ohio 43076
Attn: Mr. John W. Hagan

Re: Proposed Pedestrian
Crossing, S.R. 13

Dear Mr. Hagan:

In reference to your submission of July 14, 1989 the District has the following comments:

1. Complete line 7A of the application.
2. Proposed shoulder will be ~~14 foot graded, 12 to the face of~~ *AS MUCH AS POSSIBLE AND STILL STAY W/IN R/W* guardrail per the Location and Design Manual.
3. Make guardrail lengths as per Figure 1001-2 but no less than 100 foot of approach. ✓
4. ~~Show x-sections from beginning to end of all work.~~
5. ~~Plan note 1, Manual date is 1989.~~
6. Revise guardrail detail to type 5. 2
7. Will sheet piling be required? *NO*

Enclosed is the permit and Figure 1001-2.

*246-5296
disconnected
Traffic Services*

Sincerely,

[Signature]
Norman E. Nerland
Design & Planning Engineer

HWH:NEN:REK:ms

for:

Harold W. Hitchens
District Deputy Director



APPLICATION FOR PERMIT INFORMATION SHEET

APPLICANT DAWES ARBORETUM COUNTY LICK

Signed Joe P. Brown 7-26-89 STATE ROUTE 13

SECTION 3.9 mm

1. Residential Drive
2. Field Drive
3. Service Station
4. Subdivision Street
5. Other Commercial Drive
6. Ditch Enclosure
7. Pole Line - Electric
8. Pole Line - Telephone
9. Sewer Line
10. Sanitary Drainage
11. Tree Trim

12. Tree Removal
13. Spraying
14. Cut Down High Bank
15. Field Drainage
16. Strip Mining Within
17. 50 Feet of R/W
18. Overweight Crossing
19. Gas Line Crossing
20. Gas Line Parallel
21. Other

PEDESTRIAN UNDERPASS

LOCATION IS:

1.2 Miles
(Speedometer or
Odometer reading)
____ Feet

North of Bridge No. ____
South
East of State Route No. ____
West
of U.S. Route No. 40

of ____ County Line

Location is on North ____ South ____ East ☒ West ☒ side of Across highway.

Location is on Curve ☒ Tangent ____ and Level ☒ Hill ____.

Pavement is Concrete (451) ____ Blacktop (404) ☒ (405) ____ Other ____.

Roadway Measurements: Pavement Width 30 feet, Berm Width 2.5 feet.

Right-of-Way Width 90 feet, Pavement Edge to Center of Ditch 28 feet.

Type of Pipe N/A Diameter ____ Length ____

Profile of Centerline of highway.

Sketch (if needed). Be sure to indicate NORTH ARROW.



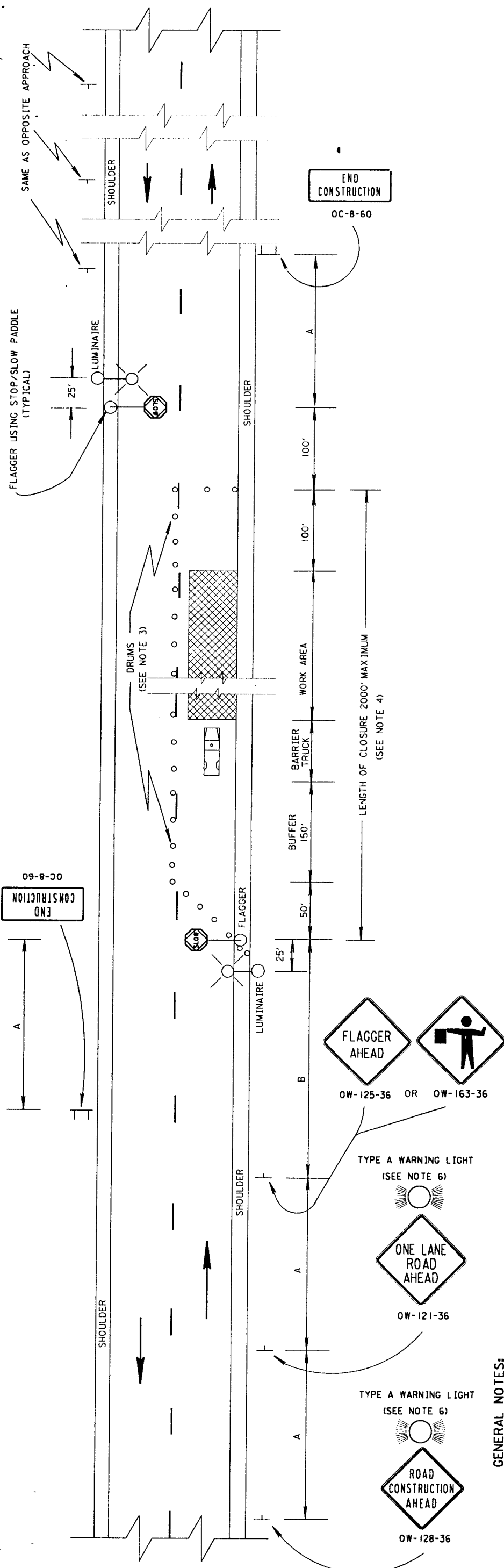
INTER-OFFICE COMMUNICATION

TO BILL EMBREE, SUPN. LICKING COUNTY DATE 10-23-89

FROM: MARY GARRISON, PERMITS

SUBJECT: DAWES ARBORETUM PERMIT TO INSTALL A PEDESTRAIN UNDERPASS
ON SR 13 IN LICKING COUNTY


DAWES ARBORETUM, 7770 JACKSONTOWN RD., NEWARK, OHIO 43055, APPLIED FOR A PERMIT TO INSTALL A PEDESTRAIN UNDERPASS BENEATH SR 13 IN LICKING COUNTY ON JULY 17, 1989 AND SIGNED BY DONALD SENDRICK. THE PERMIT WAS ISSUED IN THEIR NAME, THE PERMIT NUMBER ISSUED: 05-231-89 DATE OF ISSUANCE: 8/14/89. ATTACHED PLEASE FIND A COPY OF THE ORIGINAL PERMIT WHICH STATES ON PAGE #2 THAT THE PERMITTEE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE HIGHWAY RIGHT-OF-WAY RESULTING FROM THIS INSTALLATION.



MINIMUM DISTANCE	A	B
URBAN	200	200
RURAL	500	500

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE C & M SPECIFICATIONS AS WELL AS IN ACCORDANCE WITH PART 7 OF OMUTCD. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS TO PROVIDE THIS METHOD OF TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE LUMP SUM BID FOR 614 MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

BUREAU OF DESIGN SERVICES
DIVISION OF HIGHWAYS
OHIO DEPARTMENT OF TRANSPORTATION

DATE 04/29/88	MAINTENANCE OF TRAFFIC	FLAGGERS CLOSING 1 LANE OF A 2 LANE HIGHWAY STATIONARY OPERATION	STANDARD CONSTRUCTION DRAWING	MT-97.10
APPROVED:  ENGR. OF DESIGN SERVICES				

APPROVED RAA ENGR. OF DESIGN SERVICES

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GENERAL NOTES:

1. THE LOCATION OF THE ADVANCE WARNING SIGNS SHOULD BE ADJUSTED TO PROVIDE FOR ADEQUATE SIGHT DISTANCE FOR THE EXISTING VERTICAL AND HORIZONTAL ROADWAY ALIGNMENT. THE DISTANCES SHOWN ARE MINIMUMS. DISTANCE B MAY ALSO BE INCREASED, PRIOR TO IMPLEMENTATION OF THE CLOSURE OR AFTER IT IS IN EFFECT, AS DIRECTED BY THE ENGINEER FOR SUCH OCCURRENCES AS LONG TRAFFIC BACKUPS.
2. FLAGGERS, ONE FOR EACH DIRECTION SHALL BE USED TO CONTROL TRAFFIC CONTINUOUSLY FOR AS LONG AS A ONE LANE OPERATION IS IN EFFECT. THE FLAGGERS SHALL BE ABLE TO COMMUNICATE WITH EACH OTHER AT ALL TIMES.
3. DRUMS SHALL BE SPACED AT 50' CENTER TO CENTER ALONG THE CLOSURE. DRUMS ON THE ADVANCE TAPER SHALL BE SPACED AT 10' CENTER TO CENTER. CONES HAVING A MINIMUM HEIGHT OF 28 INCHES MAY BE SUBSTITUTED FOR DRUMS FOR DAY-TIME LANE CLOSURES. PROVISIONS SHALL BE MADE TO STABILIZE THE CONES TO PREVENT THEM FROM BLOWING OVER.
4. SEVERAL SMALL WORK AREAS CLOSE TOGETHER SHALL BE COMBINED INTO ONE WORK ZONE. HOWEVER, THE CLOSURE SHALL NOT BE MORE THAN 2000 FEET LONG UNLESS APPROVED BY THE ENGINEER. THE MINIMUM LENGTH BETWEEN CLOSURES SHALL BE 2000 FEET. ONLY ONE SIDE OF THE ROAD SHALL BE CLOSED IN ANY ONE WORK ZONE.
5. THE BARRIER TRUCK SHOWN AT THE BEGINNING OF THE WORK AREA SHALL BE IN PLACE AND UNOCCUPIED WHENEVER WORKERS ARE IN THE WORK AREA. THIS BARRIER TRUCK SHALL BE REMOVED FROM THE PAVEMENT WHEN WORKERS ARE NOT IN THE WORK AREA. OTHER PROTECTIVE DEVICES MAY BE USED IN LIEU OF THE BARRIER TRUCK SHOWN WHEN APPROVED BY THE ENGINEER. THE VEHICLE SHALL BE EQUIPPED WITH A 360° ROTATION OR FLASHING AMBER BEACON CLEARLY VISIBLE A MINIMUM OF ONE-QUARTER MILE.
6. THE TYPE A FLASHING WARNING LIGHTS SHOWN ON THE "ROAD CONSTRUCTION AHEAD" (OW-128) AND THE "ONE LANE ROAD AHEAD" (OW-121) SIGNS ARE REQUIRED WHENEVER A NIGHT LANE CLOSURE IS NECESSARY.
7. TYPE C STEADY BURNING WARNING LIGHTS SHALL BE ERCTED ON EACH DRUM FOR NIGHT LANE CLOSURES.
8. ADEQUATE AREA ILLUMINATION OF EACH FLAGGER STATION SHALL BE PROVIDED AT NIGHT BY USING 150 WATT MINIMUM HIGH PRESSURE SODIUM LUMINAIRES OR 250 WATT MINIMUM MERCURY LUMINAIRES. LUMINAIRES SHALL BE LOCATED ADJACENT TO ONE FLAGGER STATION FOR EACH DIRECTION OF TRAFFIC AS SHOWN ABOVE. THE MOUNTING HEIGHT FOR LUMINAIRES SHALL BE A MINIMUM OF 27 FEET ABOVE THE PAVEMENT AND MOUNTED ON A SUPPORT OF ADEQUATE STRENGTH TO PROVIDE A SATISFACTORY INSTALLATION. THE OVERHEAD CONDUCTOR CLEARANCE SHALL BE A MINIMUM OF 18 FEET ABOVE THE PAVEMENT. THE LUMINAIRE ARM SHALL BE OF SUFFICIENT LENGTH TO EXTEND TO THE EDGE OF THE PAVEMENT. POLES SHALL BE ERCTED A MINIMUM OF 5.5' BEHIND FACE OF GUARDRAIL WHERE EXISTING, OR 12' FROM THE EDGE OF PAVEMENT. WHERE POSSIBLE LOCATE BEHIND DITCH. LIGHTING MATERIAL SHALL COMPLY WITH SPECIFICATION 713.
9. WITHIN THE LENGTH OF CLOSURE, PROVISION SHALL BE MADE TO CONTROL TRAFFIC ENTERING FROM INTERSECTING STREETS AND MAJOR DRIVES AS NECESSARY TO PREVENT WRONG WAY MOVEMENTS AND TO KEEP VEHICLES OFF OF NEW PAVEMENT NOT READY FOR TRAFFIC. THE METHOD OF CONTROL SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.