

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1.	Mobilization	L.S.	1
2.	Remove Existing Concrete Curb and Curb/Gutter	L.F.	560
3.	Remove Existing Concrete Sidewalk and Retaining Wall	S.Y.	285
4.	Cement Treated Base (6")	S.Y.	790
5.	Remove Existing Concrete Driveway Pavement	S.Y.	135
6.	Reinforced Concrete Pavement (8"-3600 PSI)	S.Y.	710
7.	Reinforced Concrete Sidewalk (4"-3000 PSI)	S.F.	2450
8.	Barricading, Signing and Traffic Handling	L.S.	1
9.	Concrete Integral Curb (6"-3600 PSI)	L.F.	520
10.	Unclassified Street Excavation	C.Y.	670
11.	Sawed Breakout Groove	L.F.	615
12.	Remove Existing Curb Inlet	EA.	1
13.	14' Recessed Curb Inlet	EA.	1
14.	21" Reinforced Concrete Pipe (RCP) (w/Concrete Collar)	L.F.	7
15.	6"x6" Reflective Jiggle Bars	EA.	90
16.	Relocate Existing Signs	EA.	1
17.	Adjust Top of Existing Water Valves	EA.	5
18.	Relocate Existing Fire Hydrant	EA.	1
19.	Right Turn Traffic Movement Pavement Markings	EA.	2
20.	Concrete Sidewalk Barrier-Free Ramp	EA.	3
21.	Irrigation Removal, Replacement, and Relocation Work	L.S.	1
22.	Landscape Improvements Including Removal of Existing Trees and Shrubs	L.S.	1

CLARIFICATION OF PAY ITEMS

Item No. 2 - Remove existing concrete curb and curb/gutter
Removal of existing concrete gutter on Belt Line Road shall be subsidiary to concrete curb removal. Measurement of the work performed under this pay item shall be by the linear foot (L.F.) of curb removed.

Item No. 5 - Remove existing concrete sidewalk and retaining wall
Removal of existing retaining wall shall be subsidiary to concrete sidewalk removal. Measurement of the work performed under this pay item shall be by the square yard (S.Y.) of sidewalk removed.

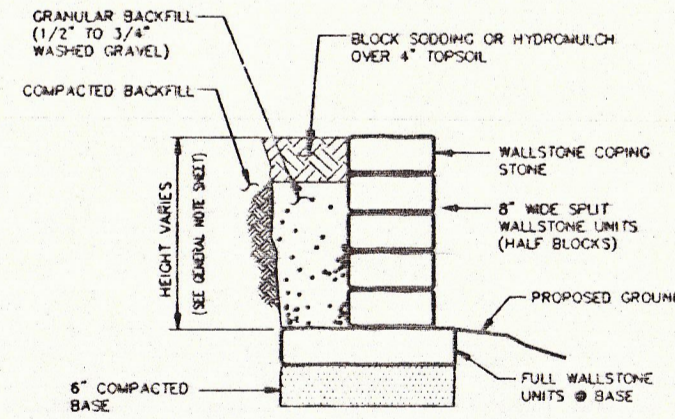
GENERAL NOTE:

Pay items provided are intended to be all-inclusive of the work required on this project. Work required by the plans or specifications but not provided with a specific pay item shall be considered incidental to other items of work.

GENERAL NOTES

- All materials and workmanship shall conform to the Town of Addison Standards and Specifications and the North Central Texas Council of Government (NCTCOG) Standards and Specifications, except as noted. In the event of a conflict, the Town of Addison Standards and Specifications shall govern.
- All locations of underground utility lines are approximate. Contractor shall notify all applicable utility companies 48 hours prior to construction so that underground lines can be marked.
 - Southwestern Bell Telephone (214) 234-7083
 - Blower Cable (CI Cablevision of Dallas) (214) 840-3368
 - Latin Star Gas (214) 487-5885
 - TU Electric (214) 323-8913
 - Dallas Water Utilities (214) 970-7900
- The Contractor shall be responsible for public safety during construction and will provide the necessary traffic barricades and warning signs to protect the construction site. Construction barricades shall be in conformance with the Texas Manual on Uniform Traffic Control Devices. In areas where long-term nighttime barricades are used, barricades should include high intensity reflective sheeting.
- All concrete shall have a minimum compressive strength of 5,000 psi at 28 days (minimum 5 sacks of cement per cubic yard) unless otherwise noted. All reinforcing steel and bond bars in pavement shall be supported and maintained at the correct clearances by the use of bar chairs or other approved support.
- The Contractor is responsible for keeping streets, parking areas, sidewalks, etc., adjacent to the project free of mud and construction.
- Contractor shall assume responsibility for protection of public utilities in the construction of this project. All manholes, valve boxes, fire hydrants, etc., must be adjusted to proper line and grade by the Contractor prior to and/or after placing of permanent paving. The Contractor shall also be responsible for support of existing utility poles, street signs, etc., when excavating in the vicinity of such poles.
- The Town of Addison Public Works Department is to be notified 48 hours (2 working days) prior to any construction of paving and utilities in right-of-way, easements and alleys.
- All disturbed earth areas are to be finish graded to original or proposed contours, fertilized and hydroseeded with bermuda seed according to NCTCOG specifications immediately after construction. Backfill to be select material free of rock and other debris. Contractor shall thoroughly water the hydroseeded areas until the entire project is completed and occupied by the Town of Addison. Mowing of the bermuda hydroseed shall be done in a manner and quantity as directed by Town of Addison Inspection Personnel. (No separate pay item.)
- Arrangements for construction water shall be made through the Town of Addison. Contractor shall obtain a meter from the Town of Addison (deposit required), and pay for all water used for construction.
- Contractor shall maintain adequate sanitary facilities for use by workers throughout construction.
- Contractor shall dispose of all excess excavation and cleared material off site, including broken concrete, mud, trees and vegetation. Materials hauled off site may not be disposed of within the Town of Addison without written permission from the affected property owner.
- No trees shall be cut except as noted on the plans.
- Where street name signs will be relocated by the Contractor, the Contractor will be required to give 3 days notice in advance of the time a street sign must be relocated to clear construction operations.
- The Contractor shall obtain all necessary permits for trench safety that are in effect during the period of construction.
- Contractor shall conform to the Occupational Safety and Health Administration's (OSHA) standards for trench safety that are in effect during the period of construction.
- Contractor shall construct barrier-free ramps at all intersections and adjacent to all driveways.
- The Contractor shall relocate a licensed irrigator to remove, relocate or replace all existing sprinkler systems affected by construction. Existing irrigation facilities are not shown on these plans. Field verification of location and type of existing sprinkler systems is required prior to bidding. All irrigation work shall be directed by the Town of Addison.
- Construction activities shall be limited to the following hours:

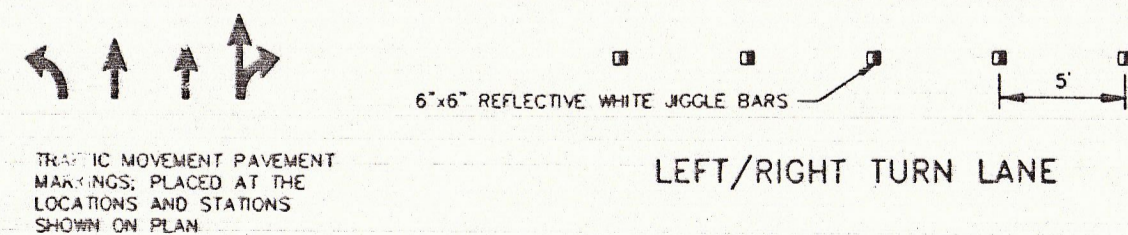
MONDAY - FRIDAY	8 A.M. - 5 P.M.
SATURDAY, SUNDAY	7 A.M. - 7 P.M.
- ADJACENT PROPERTIES: The Contractor shall meet the following requirements of the adjacent property owners:
 - The Contractor shall construct the pavement adjacent to the Quorum I Shopping Center prior to constructing the pavement adjacent to the Mobil Station.
 - The Contractor shall coordinate with Mobil regarding closure of their driveway so that Mobil has sufficient time to adjust its delivery schedules. It is anticipated that Mobil will fill their underground storage tanks early on a Monday morning; after which, the Contractor shall complete removal and replacement of the driveway prior to the end of work on the following Thursday. The Contractor shall furnish a concrete mix for the driveway that achieves a compressive strength of 3,000 psi in 48 hours or less. No other closure of the Mobil driveway shall be allowed other than during the course of the driveway pavement.
 - No storage of materials or employee parking shall be allowed in the Quorum I Shopping Center parking lot without prior permission from the Trammell Crow Company.
 - The Contractor shall restore the landscaping and irrigation system adjacent to the Mobil tract to a condition that equals or exceeds their existing conditions.
 - The Contractor shall relocate the Town of Addison irrigation controller that services the median in Belt Line Road. The remainder of the existing irrigation system that services the landscaping adjacent to the Quorum I Shopping Center will be adjusted by others in order to maintain water during construction to landscaping and trees that are to be preserved. The disconnected portions of the existing irrigation system shall be removed by the Contractor. All new landscaping and irrigation systems adjacent to the Quorum I Shopping Center, including the retaining wall, shall be installed by others after the adjacent sidewalk has been constructed by the Contractor.



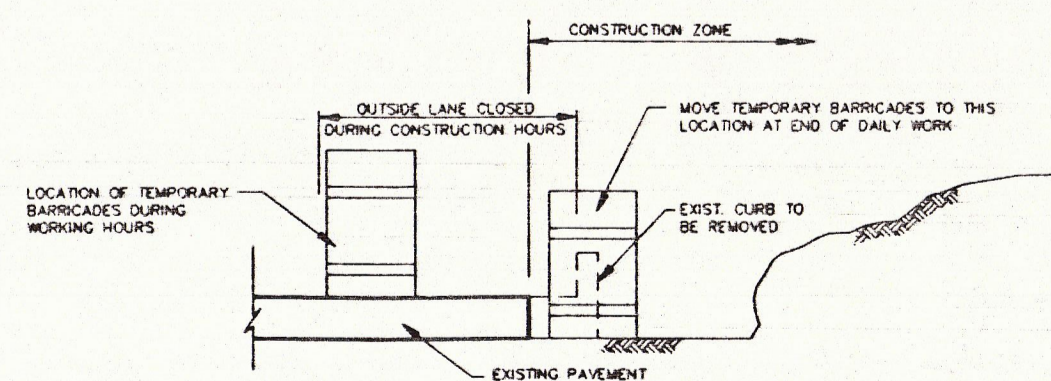
TYPICAL RETAINING WALL SECTION TO BE INSTALLED BY OTHERS (NOT IN THIS CONTRACT)

N.T.S.

PAVEMENT MARKING LEGEND



- NOTE:
- ALL PAVEMENT MARKING ARROWS SHALL BE ALKYL THERMOPLASTIC.
 - ALL JIGGLE BARS SHALL BE CERAMIC.



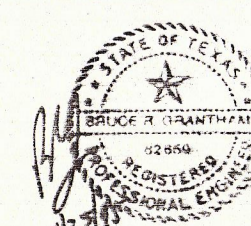
BARRICADING DETAIL

N.T.S.

NO.	REVISION	BY	DATE

DESIGNED BY: M. RASTANDEH
 DRAWN BY: EHA
 CHECKED BY: B. GRANTHAM
 SCALE: AS NOTED
 DATE: JANUARY, 1995
 FILE: VADDITION TOLLWAY QUANTITY

E&A Espey, Huston & Associates, Inc.
 Engineering & Environmental Consultants
 13800 Montfort Drive, Suite 230
 Dallas, Texas 75240 (214) 387-0771



QUANTITIES AND GENERAL NOTES
 PAVING AND DRAINAGE IMPROVEMENTS
 BELT LINE ROAD AT DALLAS NORTH TOLLWAY
 for
 THE TOWN OF ADDISON

SHEET NO. 2
 OF 13 SHEETS
 JOB NO. 15224